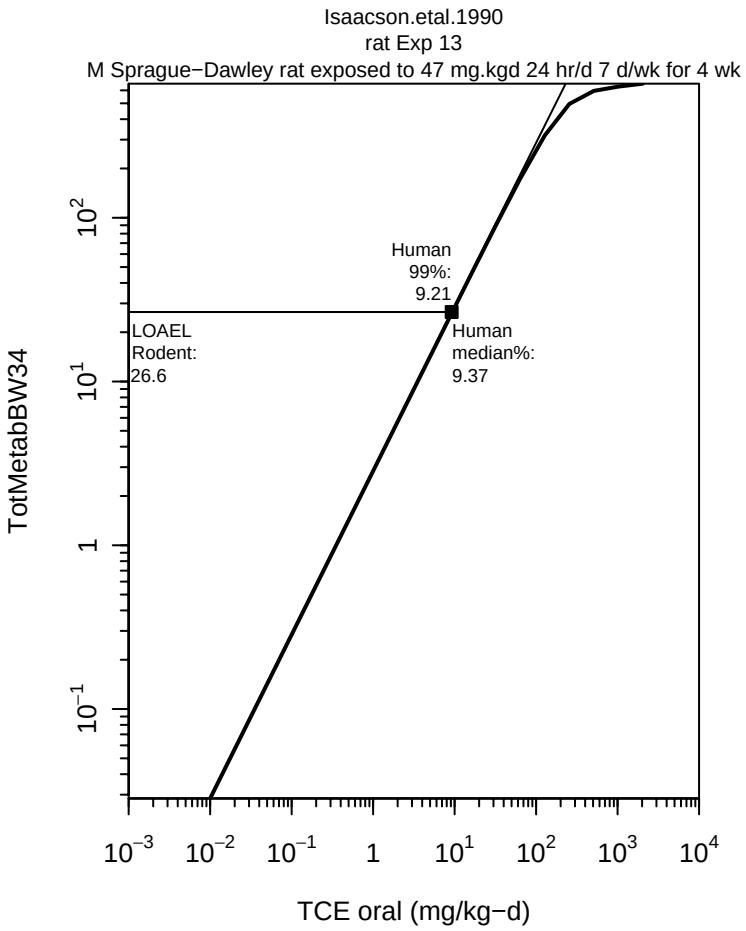
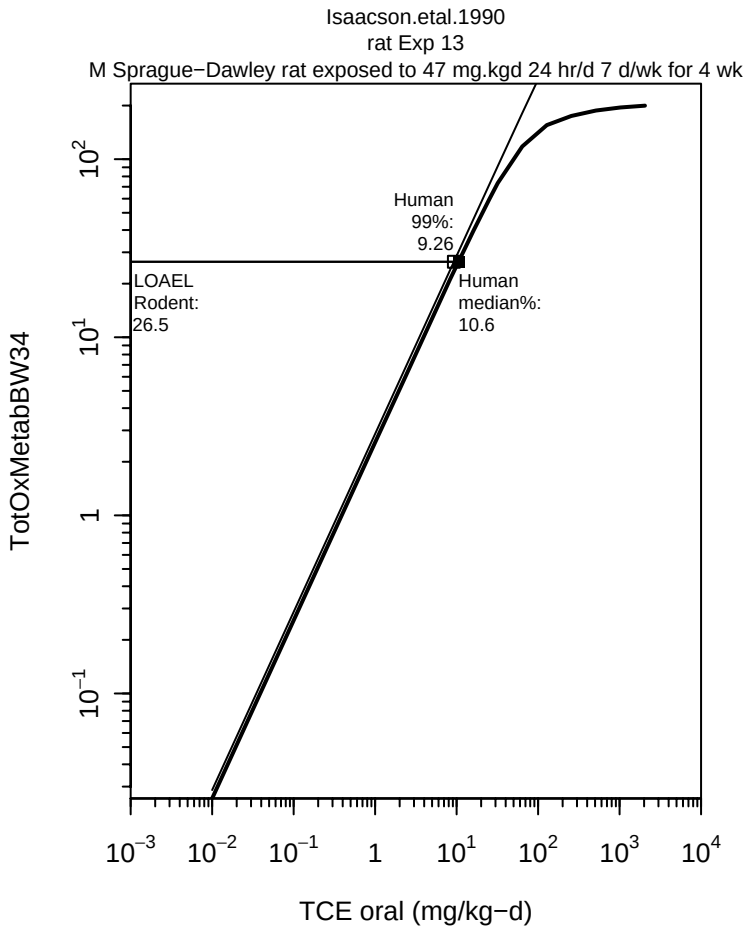
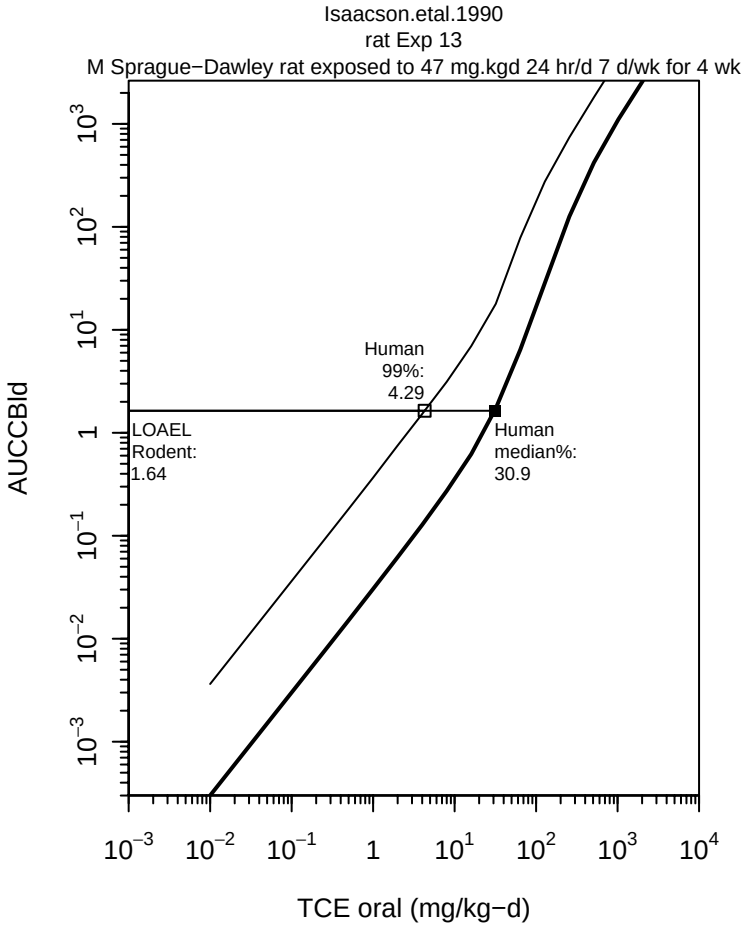
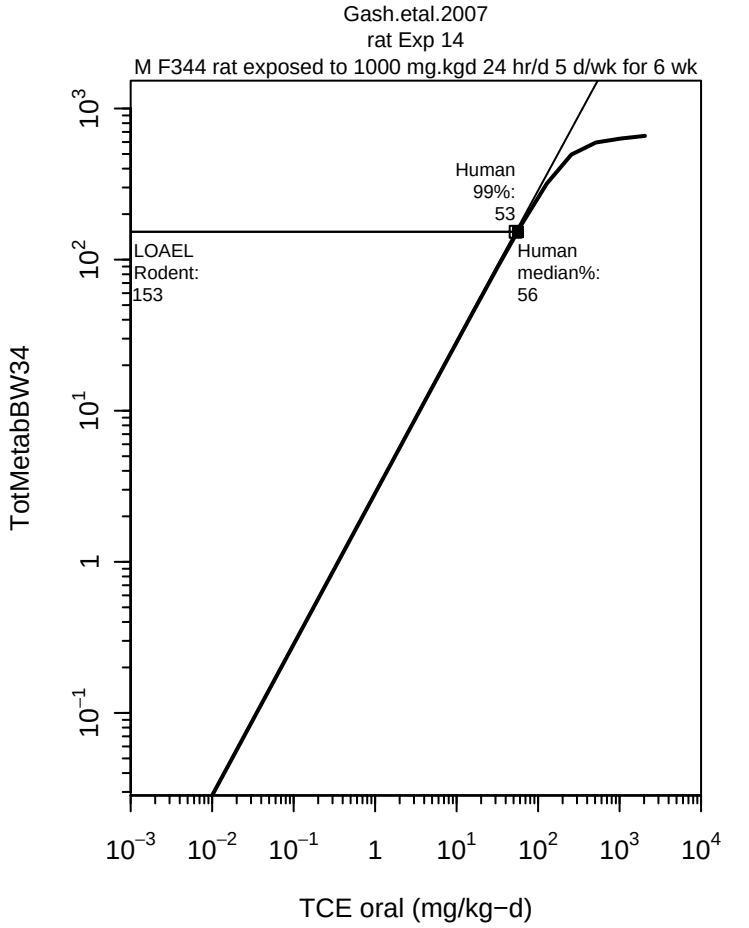
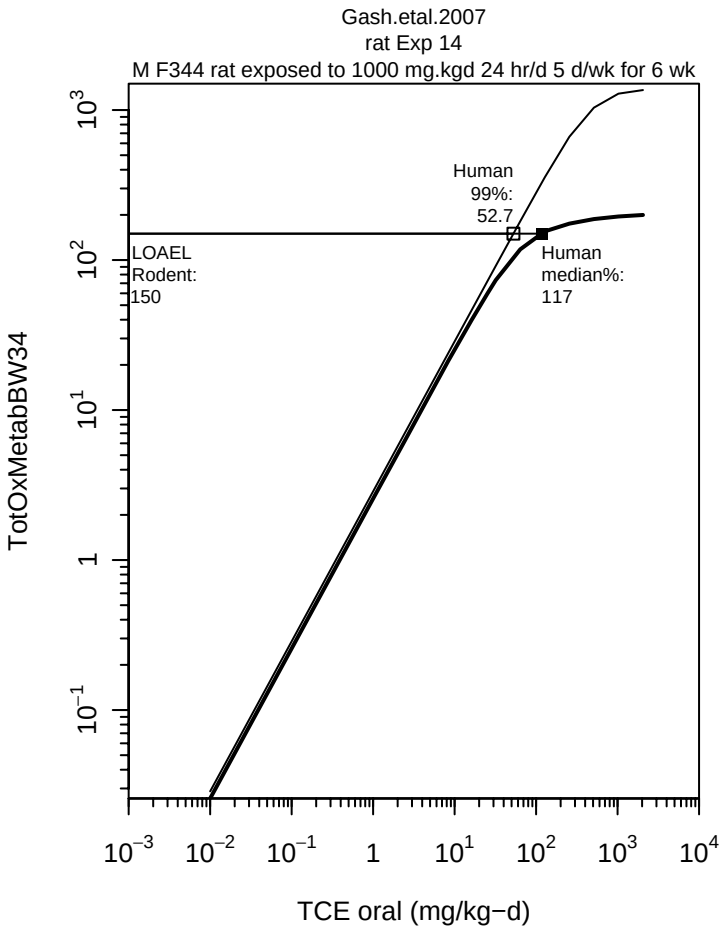
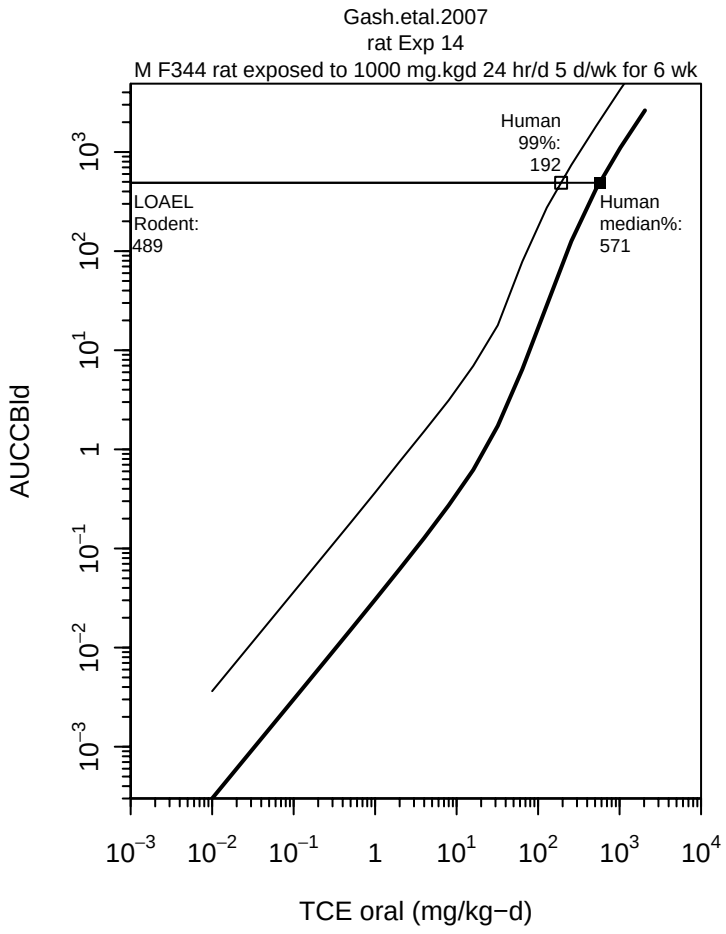

Isaacson.etal.1990
rat Exp 13
M Sprague−Dawley rat exposed to 47 mg.kgd 24 hr/d 7 d/wk for 4 wk
TotMetabBW34
TCE oral (mg/kg−d)
Human
99%:
9.21
LOAEL
Rodent:
26.6
Human
median%:
9.37

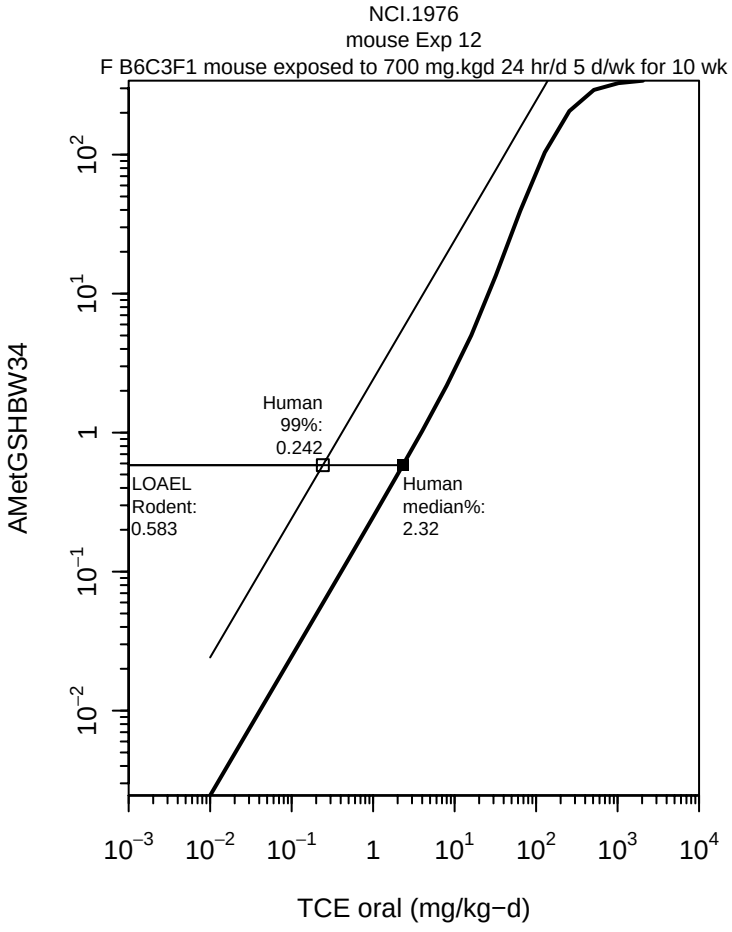

Isaacson.etal.1990
rat Exp 13
M Sprague−Dawley rat exposed to 47 mg.kgd 24 hr/d 7 d/wk for 4 wk
TotOxMetabBW34
TCE oral (mg/kg−d)
Human
99%:
9.26
LOAEL
Rodent:
26.5
Human
median%:
10.6

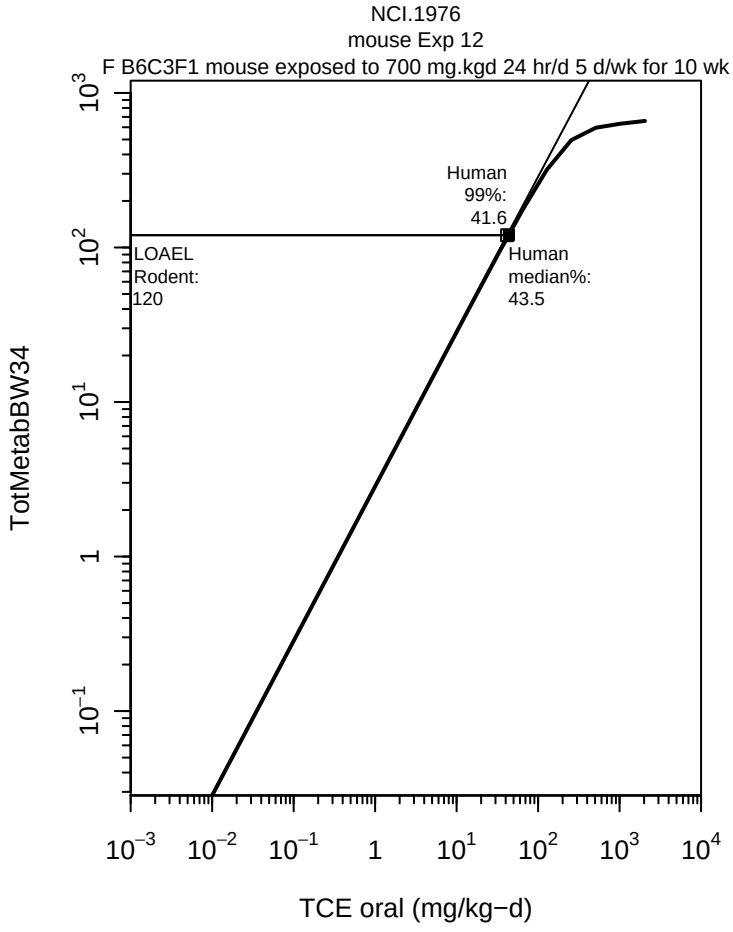

Isaacson.etal.1990
rat Exp 13
M Sprague−Dawley rat exposed to 47 mg.kgd 24 hr/d 7 d/wk for 4 wk
AUCCBld
TCE oral (mg/kg−d)
Human
99%:
4.29
LOAEL
Rodent:
1.64
Human
median%:
30.9

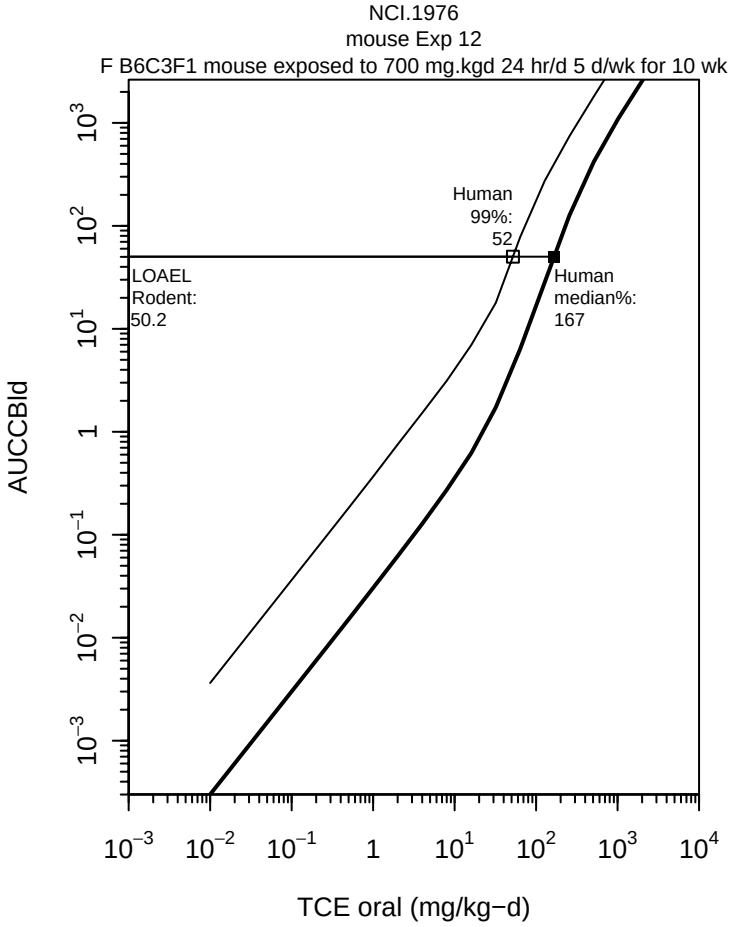

Gash.etal.2007
rat Exp 14
M F344 rat exposed to 1000 mg.kgd 24 hr/d 5 d/wk for 6 wk
TotMetabBW34
TCE oral (mg/kg−d)
Human
99%:
53
LOAEL
Rodent:
153
Human
median%:
56

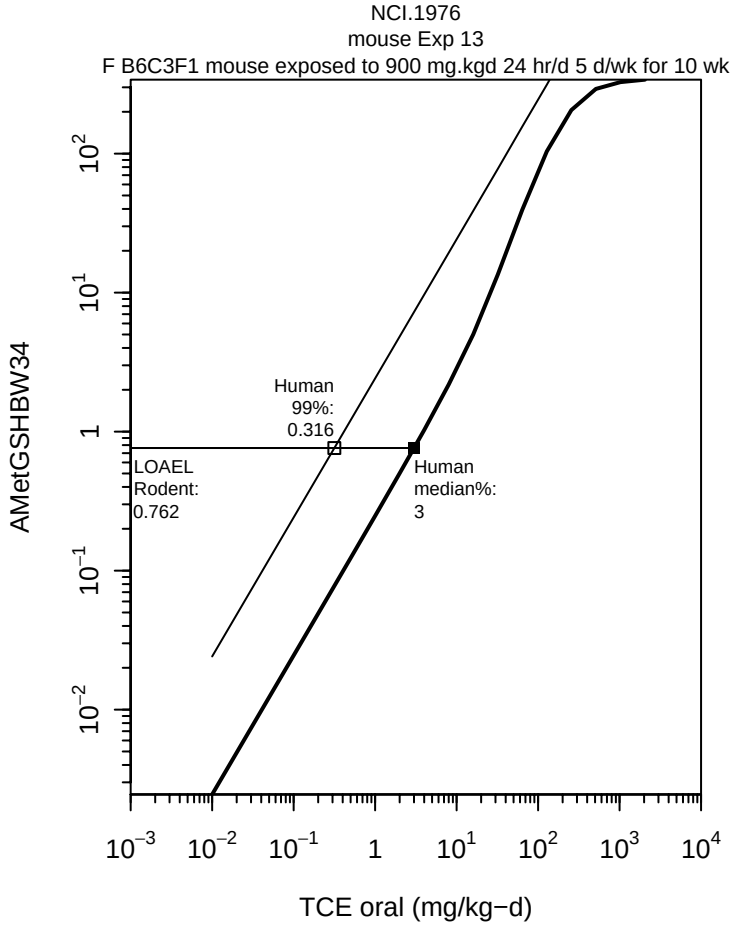

Gash.etal.2007
rat Exp 14
M F344 rat exposed to 1000 mg.kgd 24 hr/d 5 d/wk for 6 wk
Human
99%:
52.7
LOAEL
Rodent:
150
Human
median%:
117
TotOxMetabBW34
TCE oral (mg/kg−d)

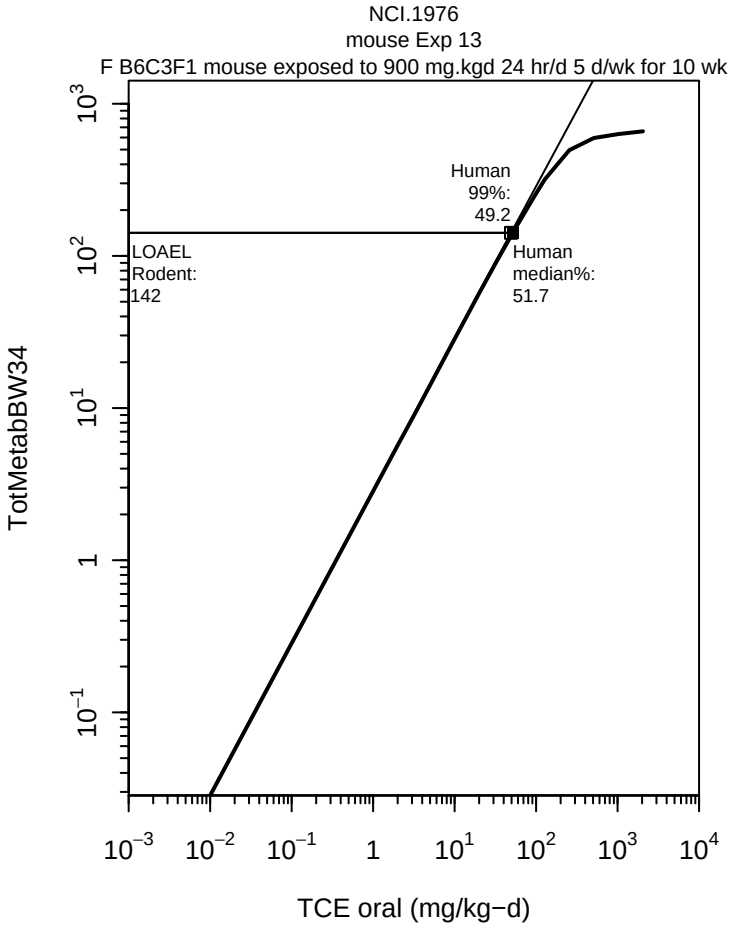

Gash.etal.2007
rat Exp 14
M F344 rat exposed to 1000 mg.kgd 24 hr/d 5 d/wk for 6 wk
Human
99%:
192
LOAEL
Rodent:
489
Human
median%:
571
AUCCBld
TCE oral (mg/kg−d)

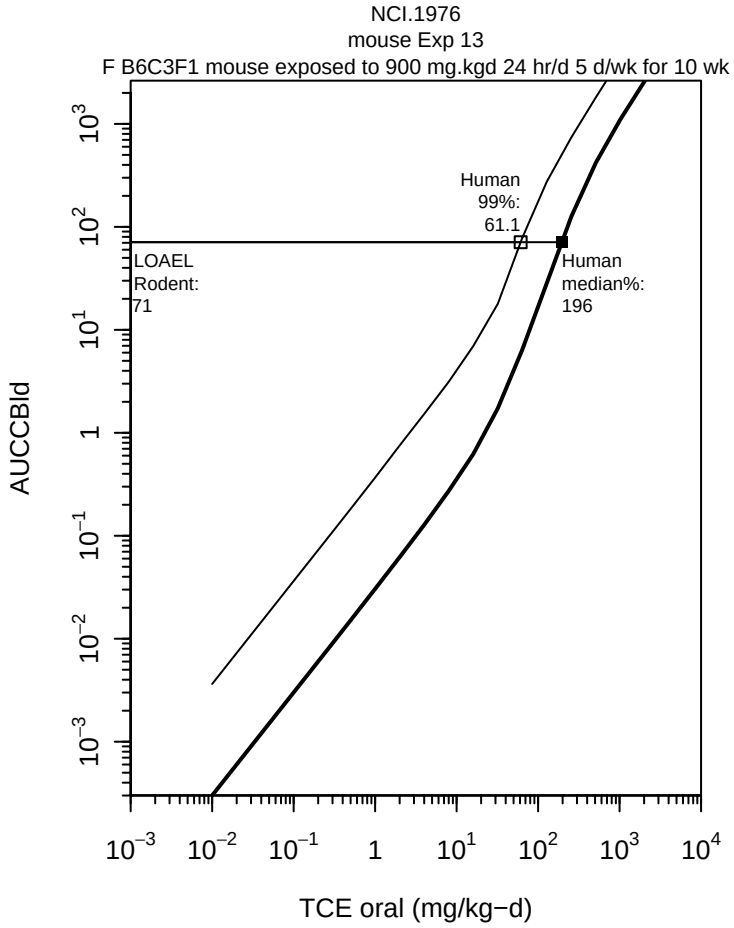

NCI.1976
mouse Exp 12
F B6C3F1 mouse exposed to 700 mg.kgd 24 hr/d 5 d/wk for 10 wk
Human
99%:
0.242
LOAEL
Rodent:
0.583
Human
median%:
2.32
AMetGSHBW34
TCE oral (mg/kg−d)

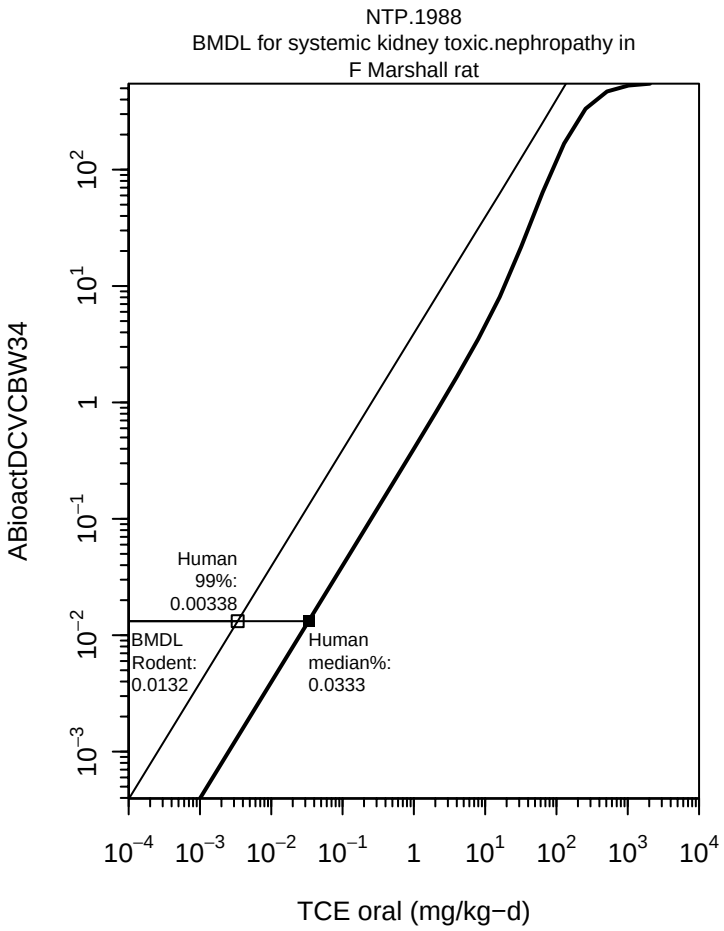

NCI.1976
mouse Exp 12
F B6C3F1 mouse exposed to 700 mg.kgd 24 hr/d 5 d/wk for 10 wk
Human
99%:
41.6
LOAEL
Rodent:
120
Human
median%:
43.5
TotMetabBW34
TCE oral (mg/kg−d)

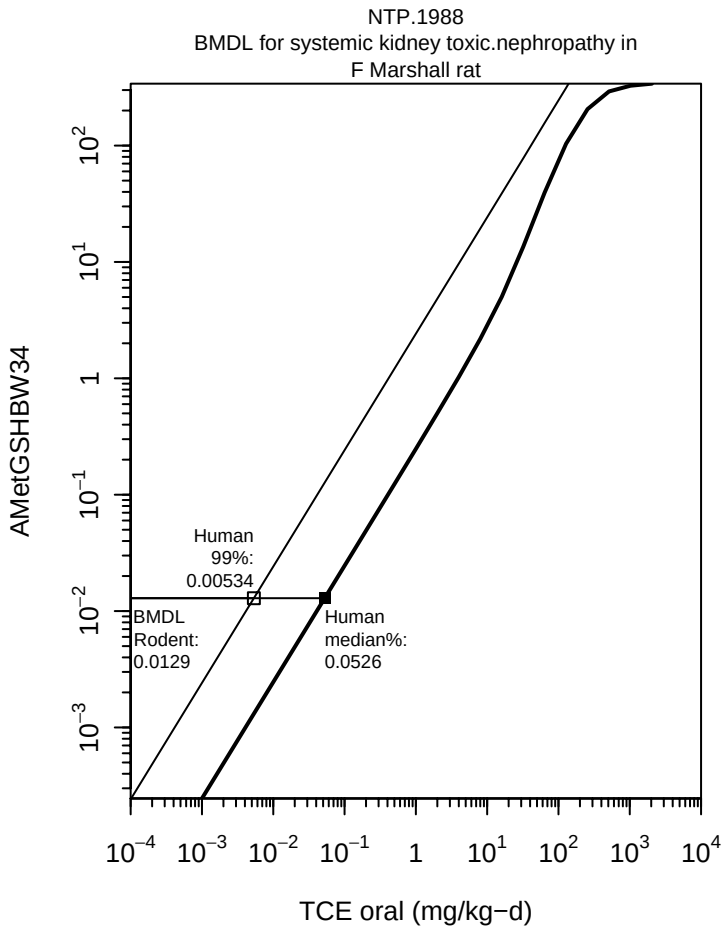

NCI.1976
mouse Exp 12
F B6C3F1 mouse exposed to 700 mg.kgd 24 hr/d 5 d/wk for 10 wk
AUCCBld
TCE oral (mg/kg−d)
Human
99%:
52
LOAEL
Rodent:
50.2
Human
median%:
167

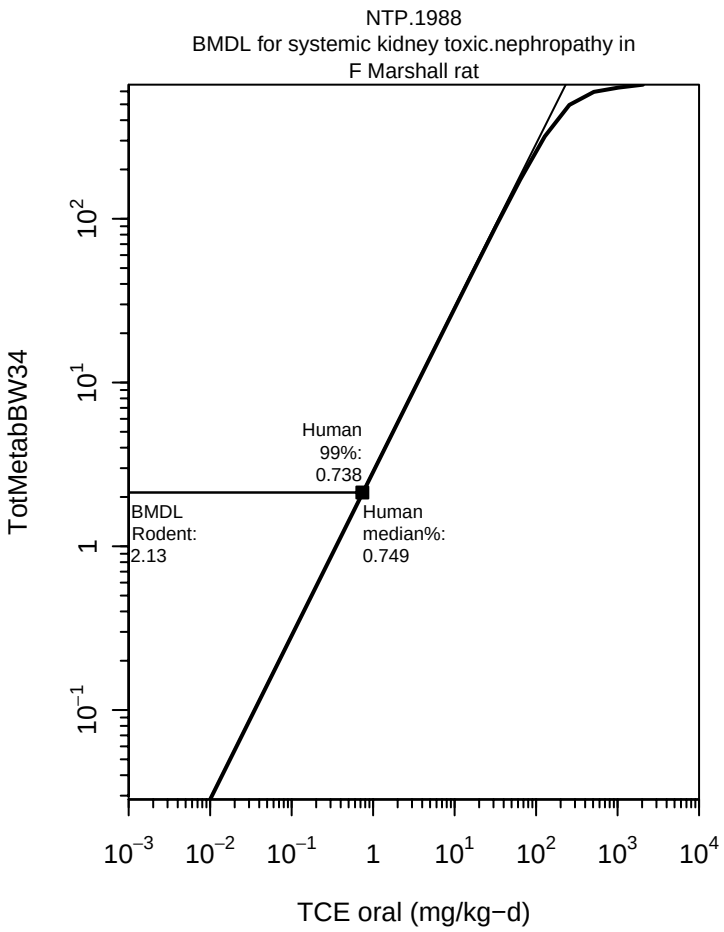

NCI.1976
mouse Exp 13
F B6C3F1 mouse exposed to 900 mg.kgd 24 hr/d 5 d/wk for 10 wk
AMetGSHBW34
TCE oral (mg/kg−d)
Human
99%:
0.316
LOAEL
Rodent:
0.762
Human
median%:
3

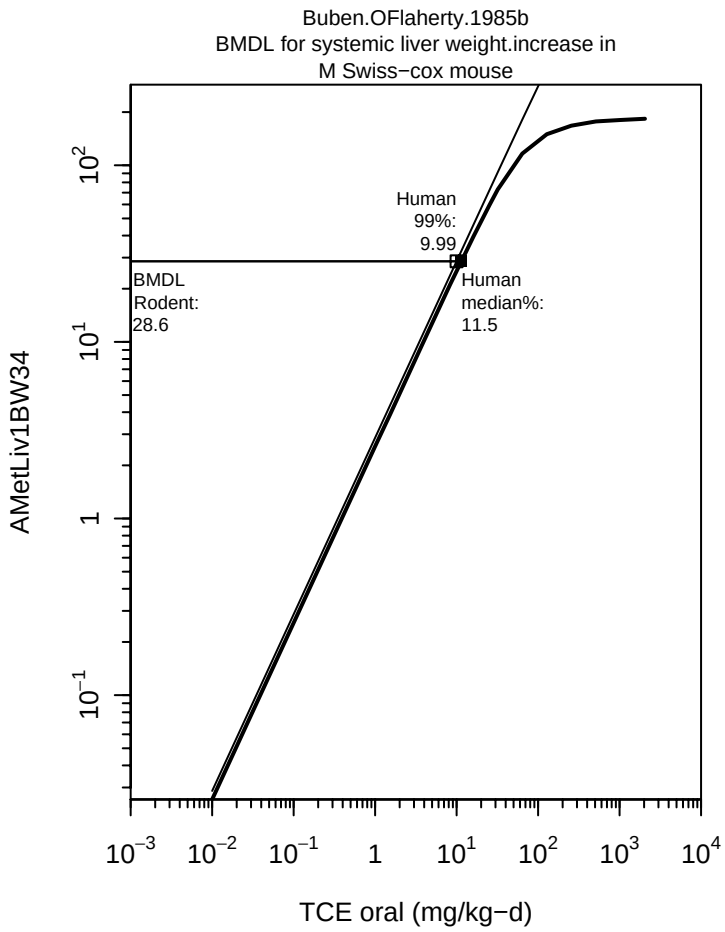

NCI.1976
mouse Exp 13
F B6C3F1 mouse exposed to 900 mg.kgd 24 hr/d 5 d/wk for 10 wk
TotMetabBW34
TCE oral (mg/kg−d)
Human
99%:
49.2
LOAEL
Rodent:
142
Human
median%:
51.7

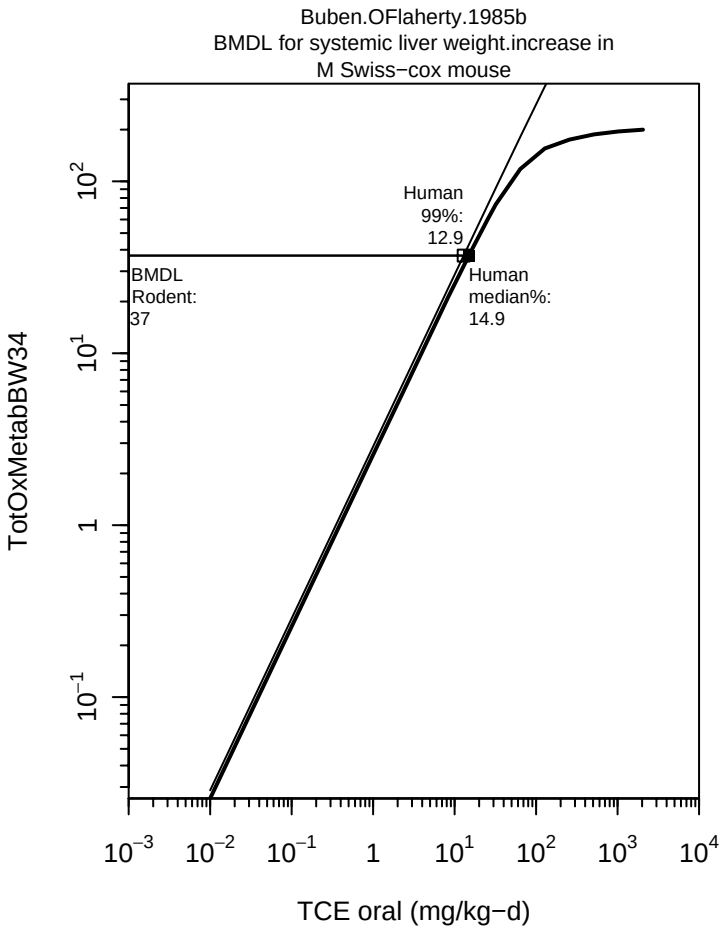

NCI.1976
mouse Exp 13
F B6C3F1 mouse exposed to 900 mg.kgd 24 hr/d 5 d/wk for 10 wk
AUCCBld
TCE oral (mg/kg−d)
Human
99%:
61.1
LOAEL
Rodent:
71
Human
median%:
196

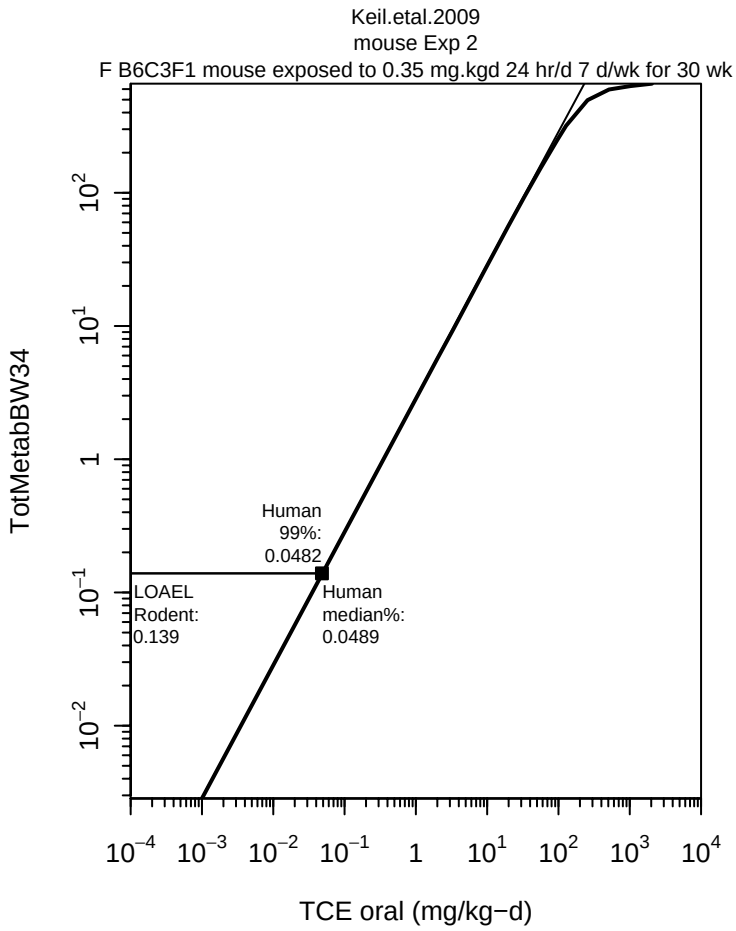

NTP.1988
BMDL for systemic kidney toxic.nephropathy in
F Marshall rat
ABioactDCVCBW34
Human
99%:
0.00338
BMDL
Rodent:
0.0132
Human
median%:
0.0333
TCE oral (mg/kg−d)

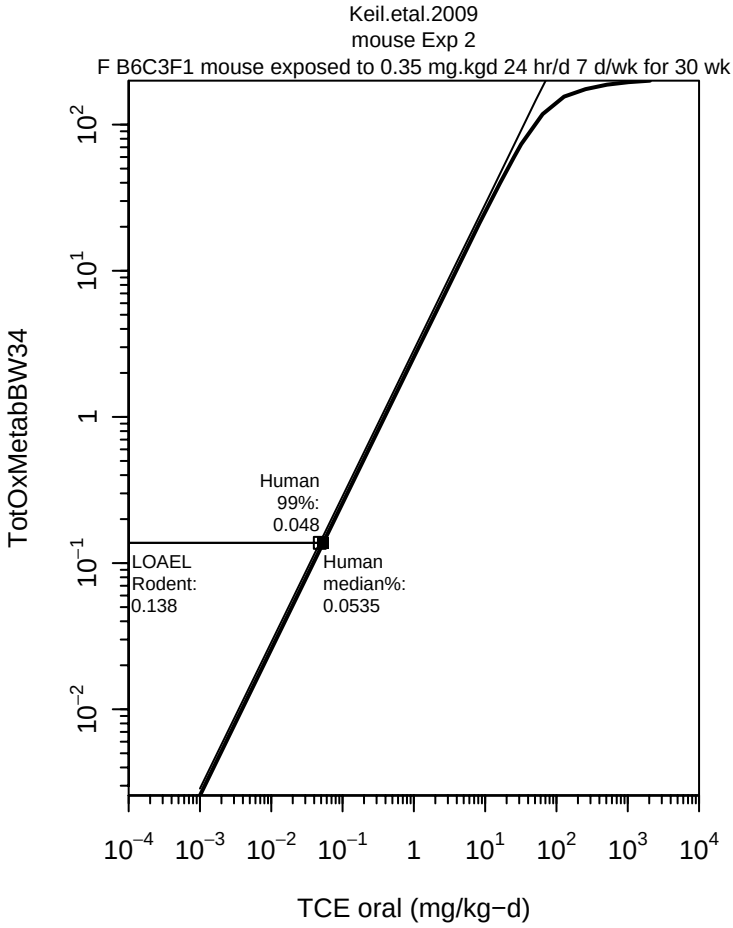

NTP.1988
BMDL for systemic kidney toxic.nephropathy in
F Marshall rat
AMetGSHBW34
Human
99%:
0.00534
BMDL
Rodent:
0.0129
Human
median%:
0.0526
TCE oral (mg/kg−d)

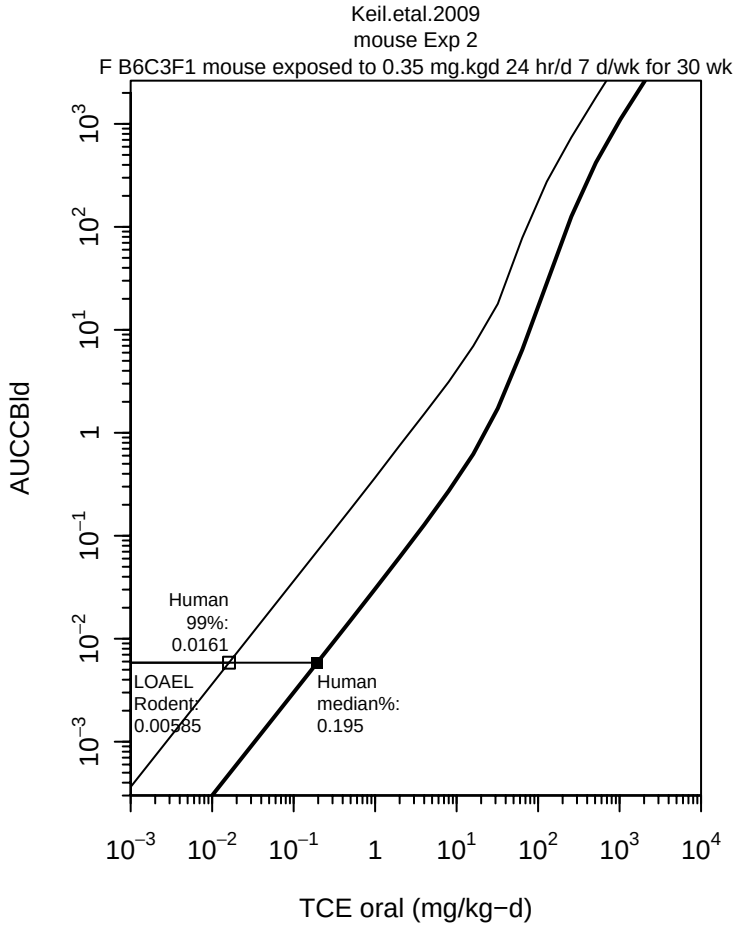

NTP.1988
BMDL for systemic kidney toxic.nephropathy in
F Marshall rat
TotMetabBW34
Human
99%:
0.738
BMDL
Rodent:
2.13
Human
median%:
0.749
TCE oral (mg/kg−d)

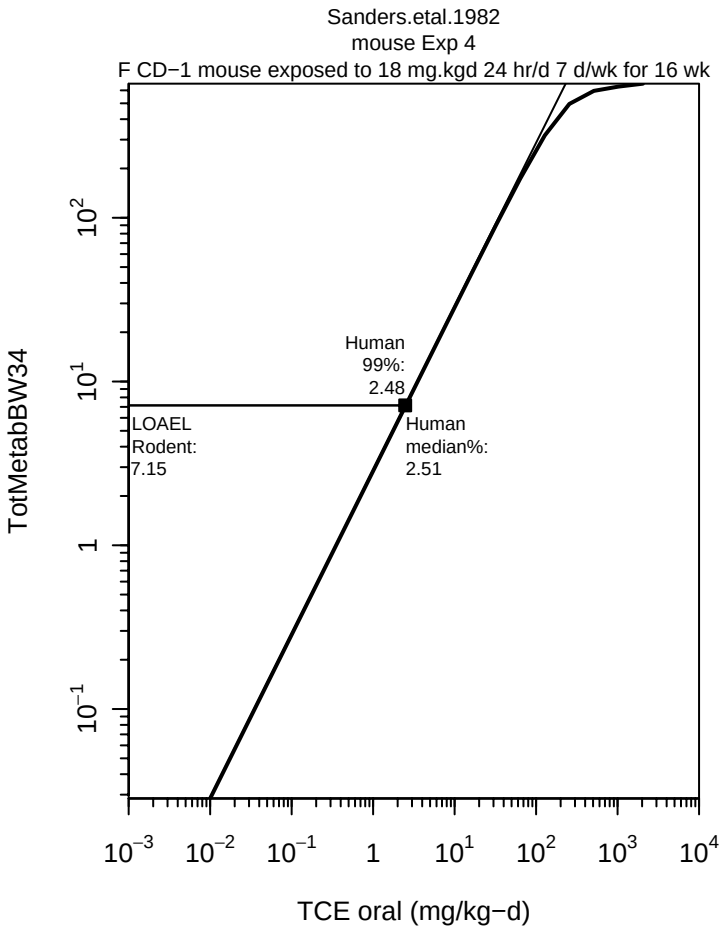

Buben.OFlaherty.1985b
BMDL for systemic liver weight.increase in
M Swiss−cox mouse
AMetLiv1BW34
Human
99%:
9.99
BMDL
Rodent:
28.6
Human
median%:
11.5
TCE oral (mg/kg−d)

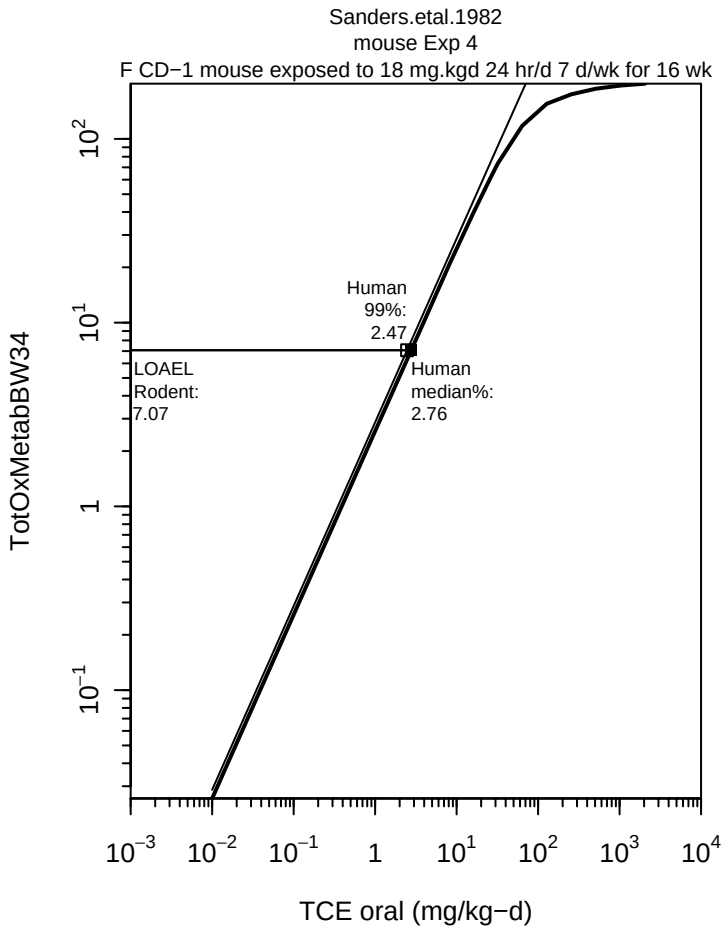

Buben.OFlaherty.1985b
BMDL for systemic liver weight.increase in
M Swiss−cox mouse
Human
99%:
12.9
BMDL
Rodent:
37
Human
median%:
14.9
TotOxMetabBW34
TCE oral (mg/kg−d)

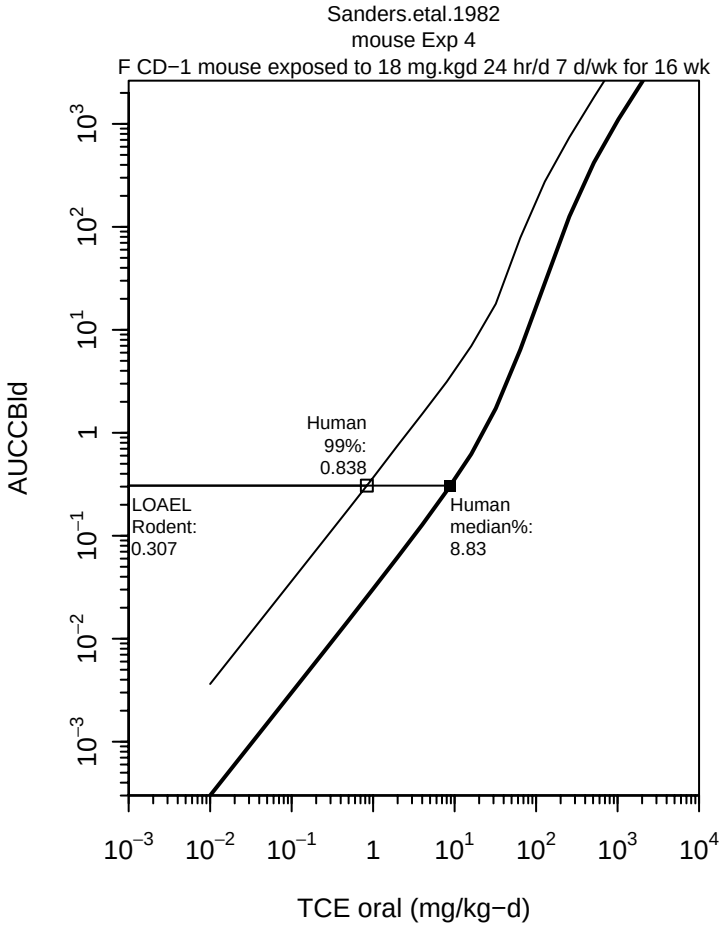

Keil.etal.2009
mouse Exp 2
F B6C3F1 mouse exposed to 0.35 mg.kgd 24 hr/d 7 d/wk for 30 wk
Human
99%:
0.0482
LOAEL
Rodent:
0.139
Human
median%:
0.0489
TotMetabBW34
TCE oral (mg/kg−d)

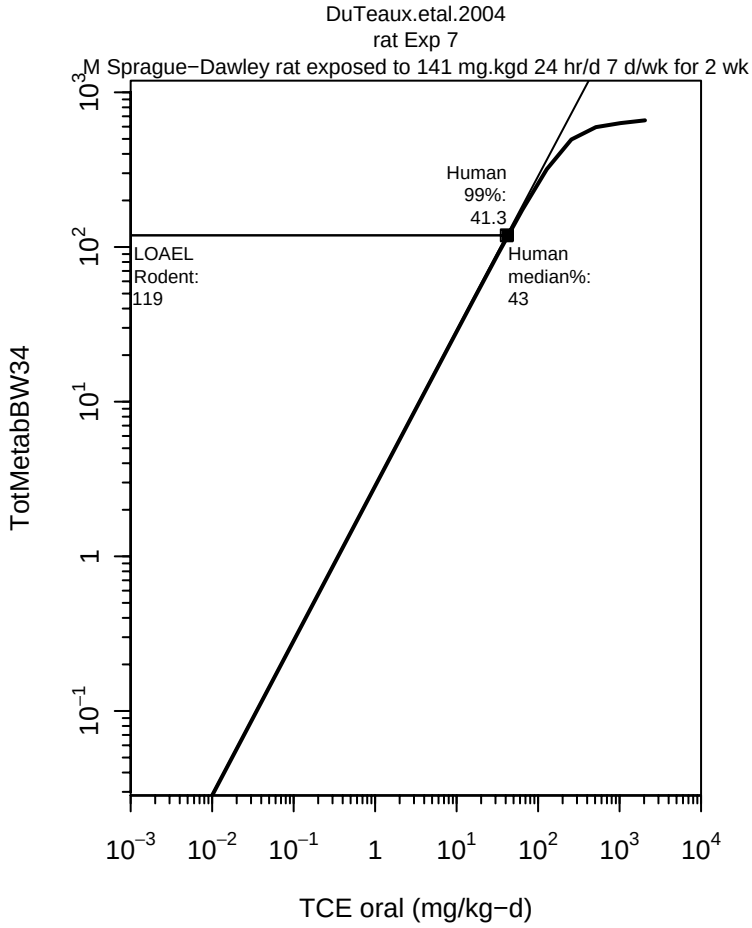

Keil.etal.2009
mouse Exp 2
F B6C3F1 mouse exposed to 0.35 mg.kgd 24 hr/d 7 d/wk for 30 wk
Human
99%:
0.048
LOAEL
Rodent:
0.138
Human
median%:
0.0535
TotOxMetabBW34
TCE oral (mg/kg−d)

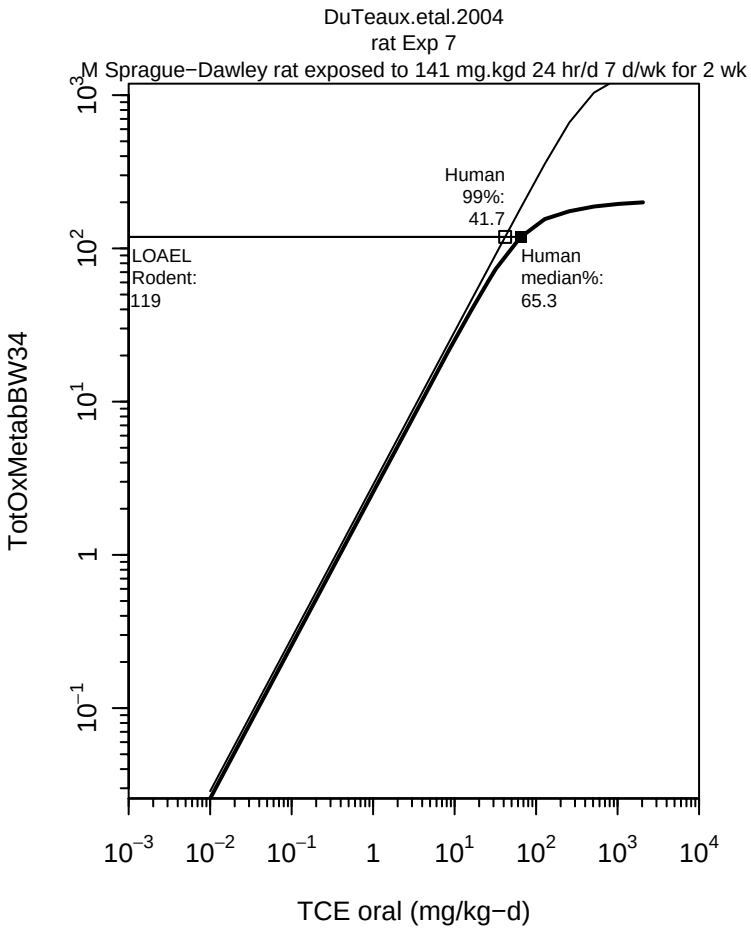

Keil.etal.2009
mouse Exp 2
F B6C3F1 mouse exposed to 0.35 mg.kgd 24 hr/d 7 d/wk for 30 wk
Human
99%:
0.0161
LOAEL
Rodent:
0.00585
Human
median%:
0.195
AUCCBld
TCE oral (mg/kg−d)

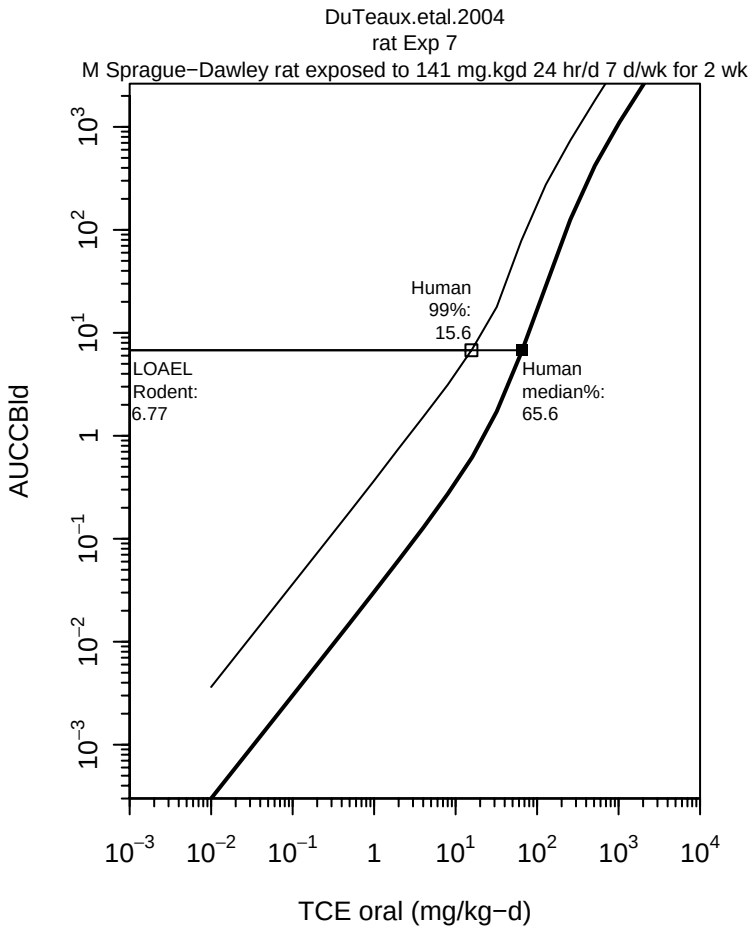

Sanders.etal.1982
mouse Exp 4
F CD−1 mouse exposed to 18 mg.kgd 24 hr/d 7 d/wk for 16 wk
TotMetabBW34
TCE oral (mg/kg−d)
Human
99%:
2.48
LOAEL
Rodent:
7.15
Human
median%:
2.51

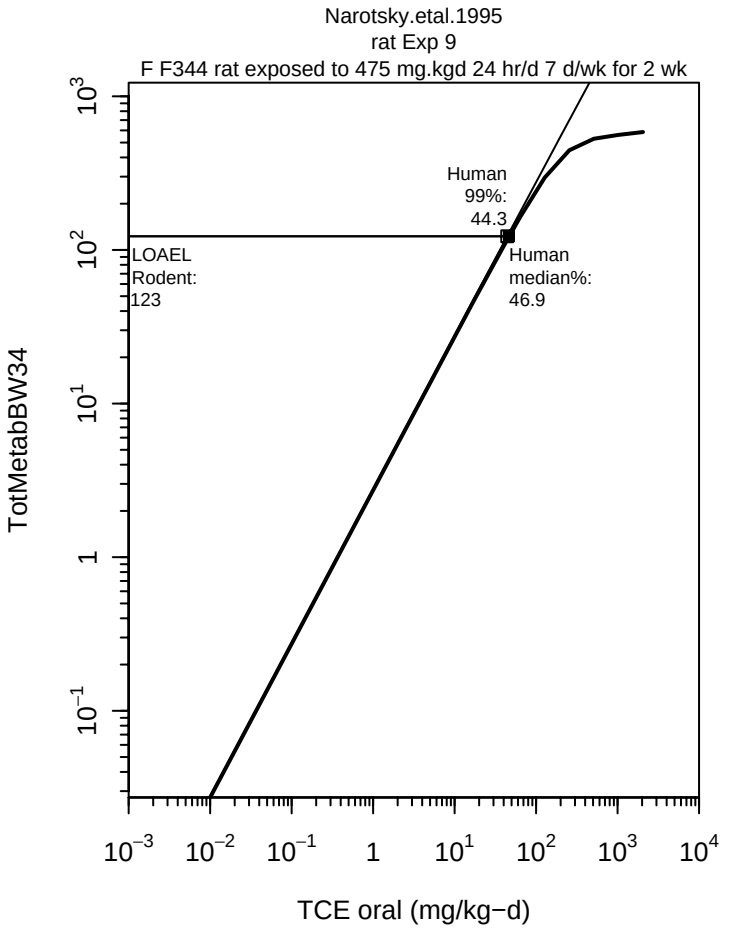

Sanders.etal.1982
mouse Exp 4
F CD−1 mouse exposed to 18 mg.kgd 24 hr/d 7 d/wk for 16 wk
TotOxMetabBW34
TCE oral (mg/kg−d)
Human
99%:
2.47
LOAEL
Rodent:
7.07
Human
median%:
2.76

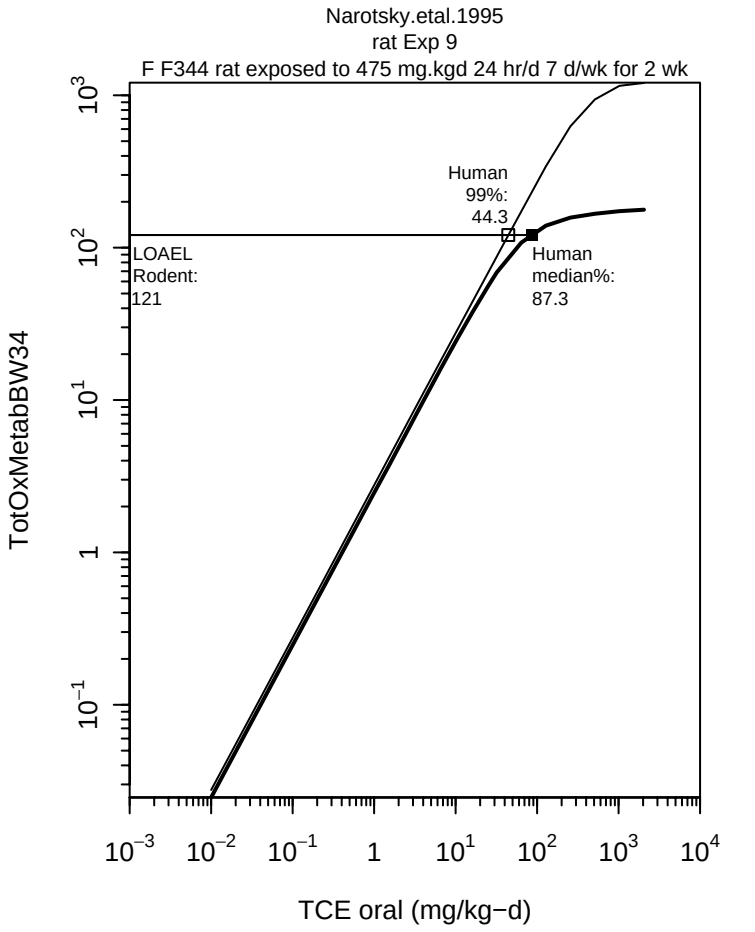

Sanders.etal.1982
mouse Exp 4
F CD−1 mouse exposed to 18 mg.kgd 24 hr/d 7 d/wk for 16 wk
AUCCBld
TCE oral (mg/kg−d)
Human
99%:
0.838
LOAEL
Rodent:
0.307
Human
median%:
8.83

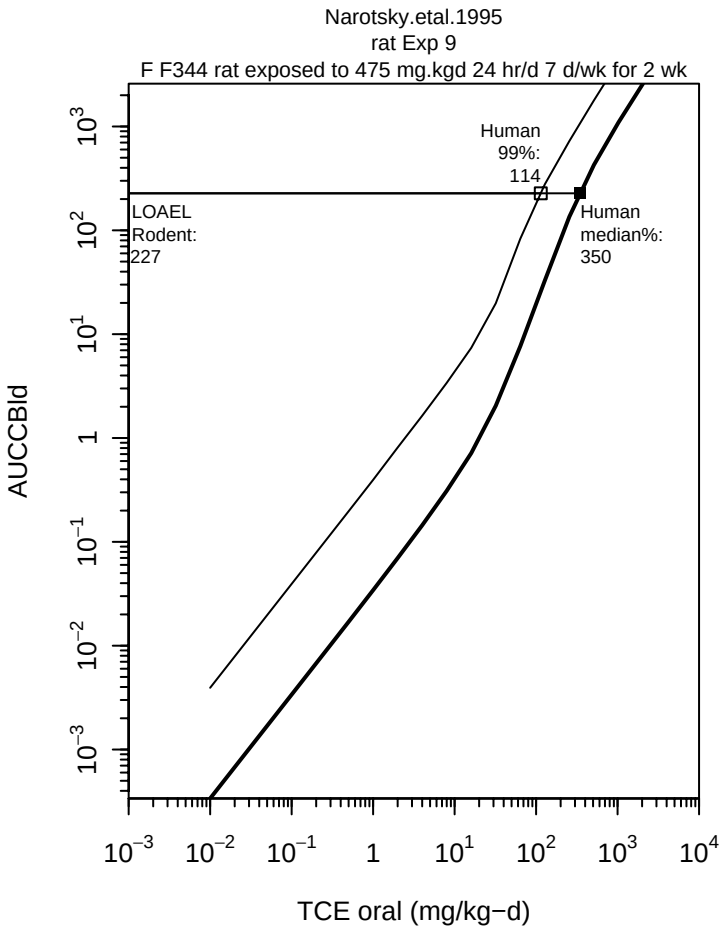

DuTeaux.etal.2004
rat Exp 7
M Sprague−Dawley rat exposed to 141 mg.kgd 24 hr/d 7 d/wk for 2 wk
TotMetabBW34
TCE oral (mg/kg−d)
Human
99%:
41.3
LOAEL
Rodent:
119
Human
median%:
43

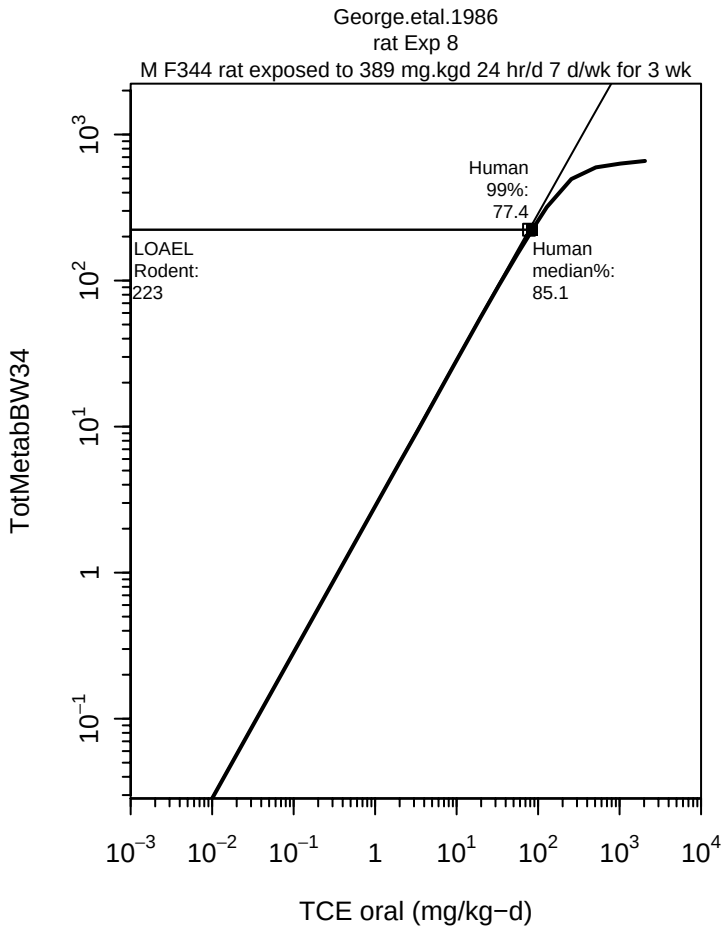

DuTeaux.etal.2004
rat Exp 7
M Sprague−Dawley rat exposed to 141 mg.kgd 24 hr/d 7 d/wk for 2 wk
Human
99%:
41.7
LOAEL
Rodent:
119
Human
median%:
65.3
TotOxMetabBW34
TCE oral (mg/kg−d)

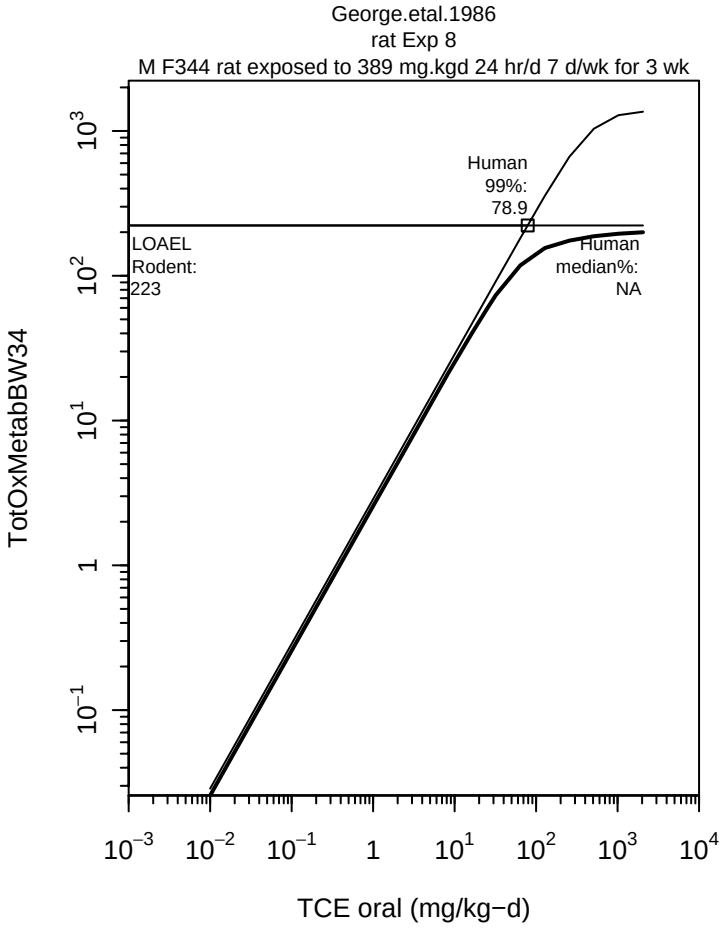

DuTeaux.etal.2004
rat Exp 7
M Sprague−Dawley rat exposed to 141 mg.kgd 24 hr/d 7 d/wk for 2 wk
Human
99%:
15.6
LOAEL
Rodent:
6.77
Human
median%:
65.6
AUCCBld
TCE oral (mg/kg−d)

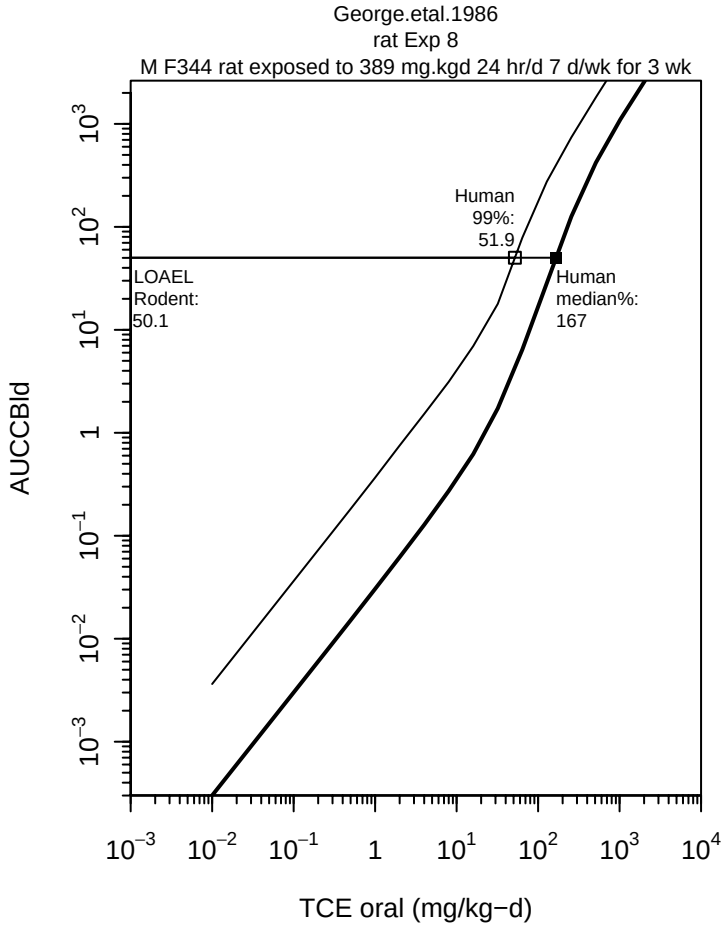

Narotsky.etal.1995
rat Exp 9
F F344 rat exposed to 475 mg.kgd 24 hr/d 7 d/wk for 2 wk
Human
99%:
44.3
LOAEL
Rodent:
123
Human
median%:
46.9
TotMetabBW34
TCE oral (mg/kg−d)

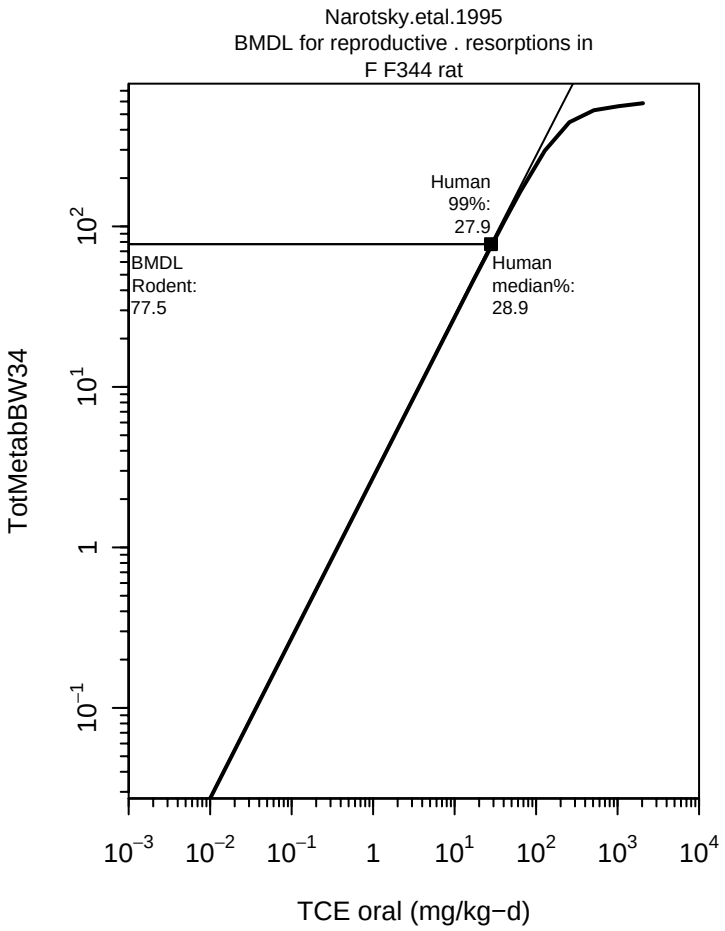

Narotsky.etal.1995
rat Exp 9
F F344 rat exposed to 475 mg.kgd 24 hr/d 7 d/wk for 2 wk
Human
99%:
44.3
LOAEL
Rodent:
121
Human
median%:
87.3
TotOxMetabBW34
TCE oral (mg/kg−d)

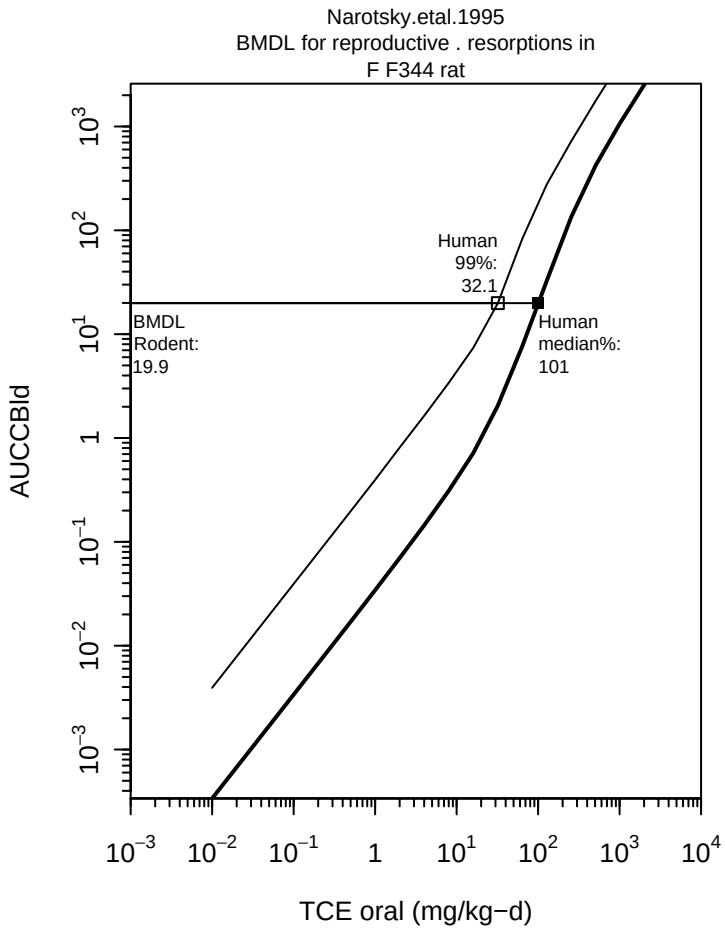

Narotsky.etal.1995
rat Exp 9
F F344 rat exposed to 475 mg.kgd 24 hr/d 7 d/wk for 2 wk
Human
99%:
114
LOAEL
Rodent:
227
Human
median%:
350
AUCCBld
TCE oral (mg/kg−d)

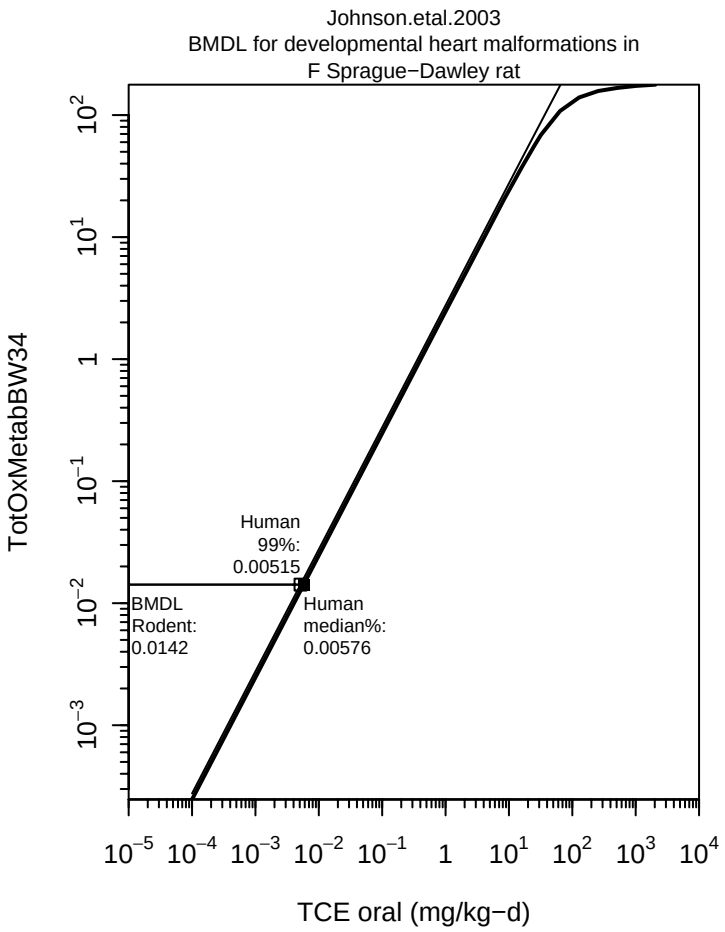

George.etal.1986
rat Exp 8
M F344 rat exposed to 389 mg.kgd 24 hr/d 7 d/wk for 3 wk
Human
99%:
77.4
LOAEL
Rodent:
223
Human
median%:
85.1
TotMetabBW34
TCE oral (mg/kg−d)

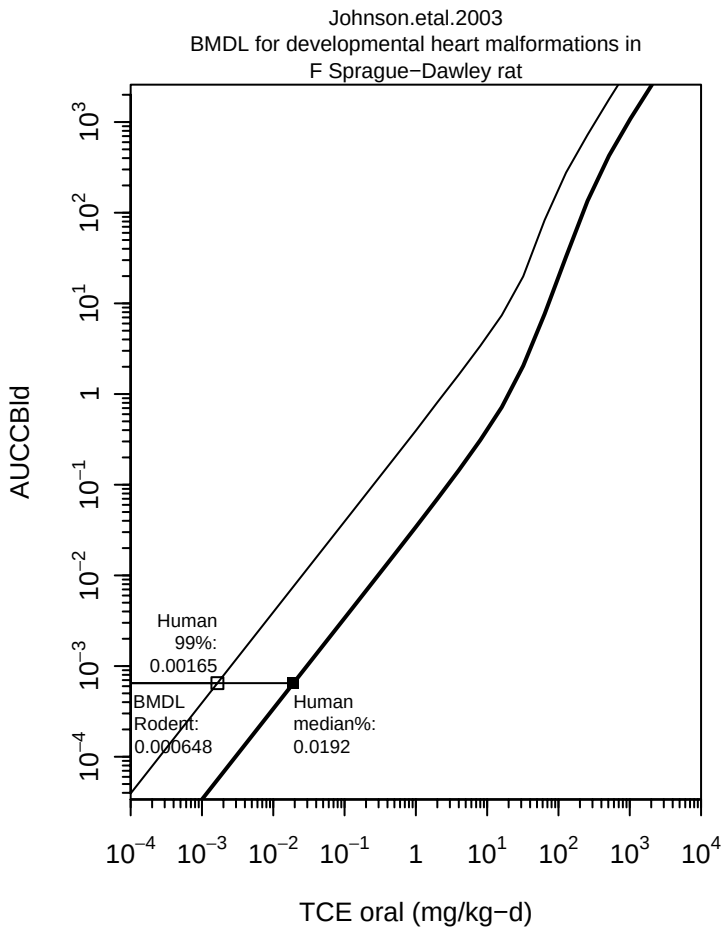

George.etal.1986
rat Exp 8
M F344 rat exposed to 389 mg.kgd 24 hr/d 7 d/wk for 3 wk
Human
99%:
78.9
LOAEL
Rodent:
223
Human
median%:
NA
TotOxMetabBW34
TCE oral (mg/kg−d)

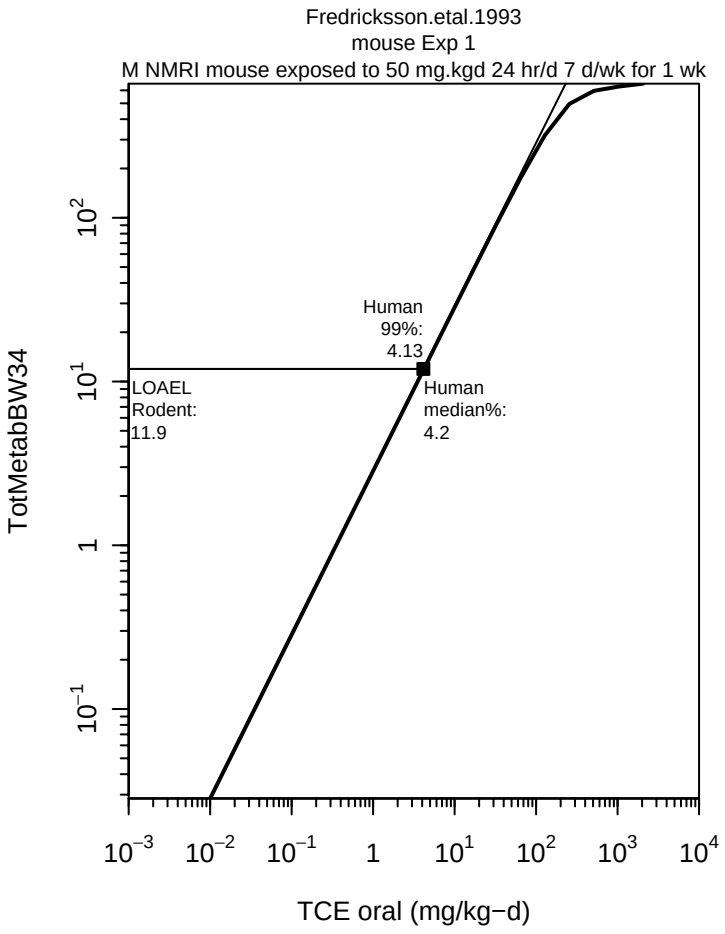

George.etal.1986
rat Exp 8
M F344 rat exposed to 389 mg.kgd 24 hr/d 7 d/wk for 3 wk
Human
99%:
51.9
LOAEL
Rodent:
50.1
Human
median%:
167
AUCCBld
TCE oral (mg/kg−d)

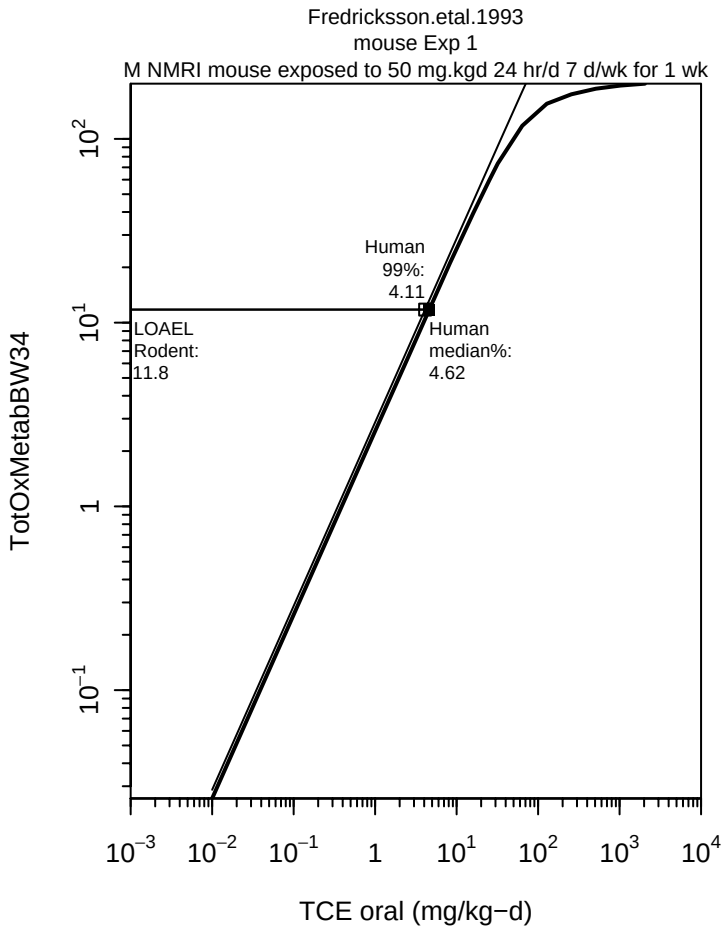

Narotsky.etal.1995
BMDL for reproductive . resorptions in
F F344 rat
Human
99%:
27.9
BMDL
Rodent:
77.5
Human
median%:
28.9
TotMetabBW34
TCE oral (mg/kg−d)

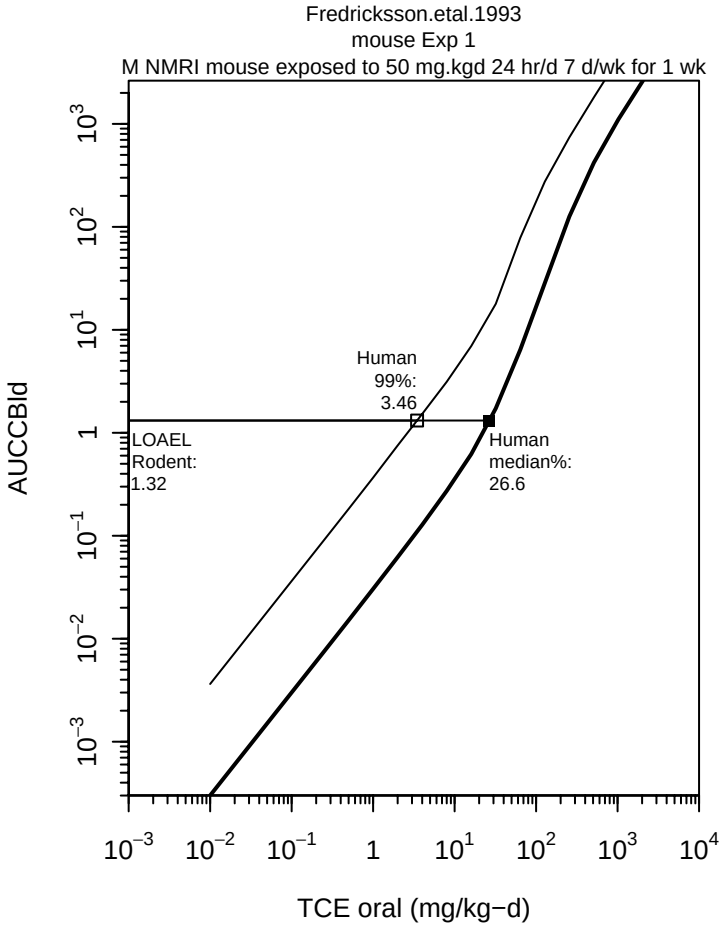

Narotsky.etal.1995
BMDL for reproductive . resorptions in
F F344 rat
Human
99%:
32.1
BMDL
Rodent:
19.9
Human
median%:
101
AUCCBld
TCE oral (mg/kg−d)

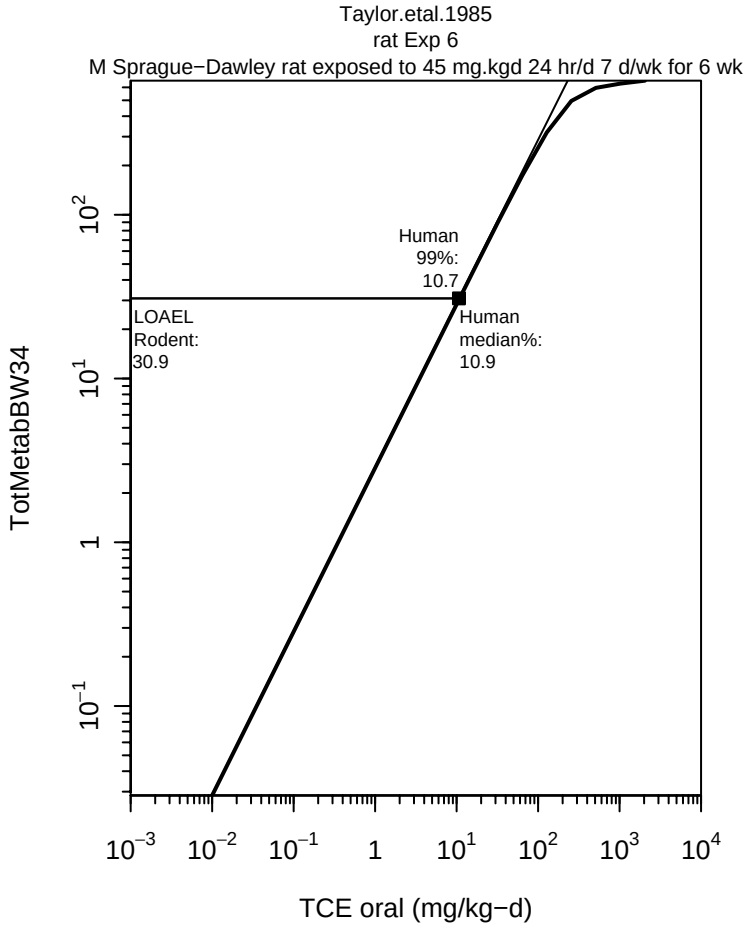

Johnson.etal.2003
BMDL for developmental heart malformations in
F Sprague−Dawley rat
Human
99%:
0.00515
BMDL
Rodent:
0.0142
Human
median%:
0.00576
TotOxMetabBW34
TCE oral (mg/kg−d)

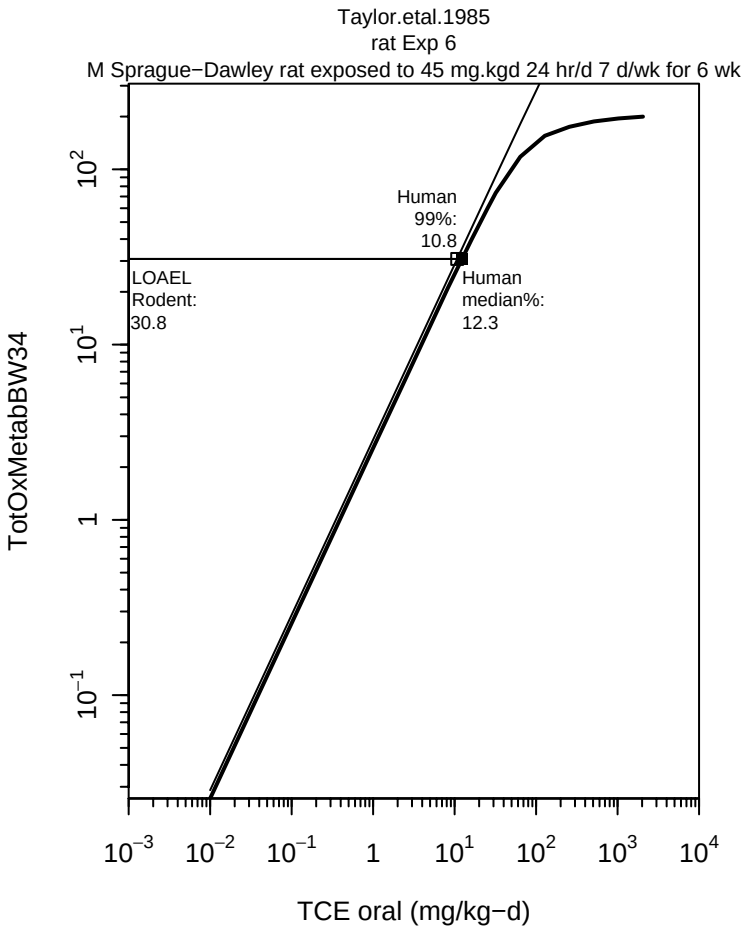

Johnson.etal.2003
BMDL for developmental heart malformations in
F Sprague−Dawley rat
Human
99%:
0.00165
BMDL
Rodent:
0.000648
Human
median%:
0.0192
AUCCBld
TCE oral (mg/kg−d)

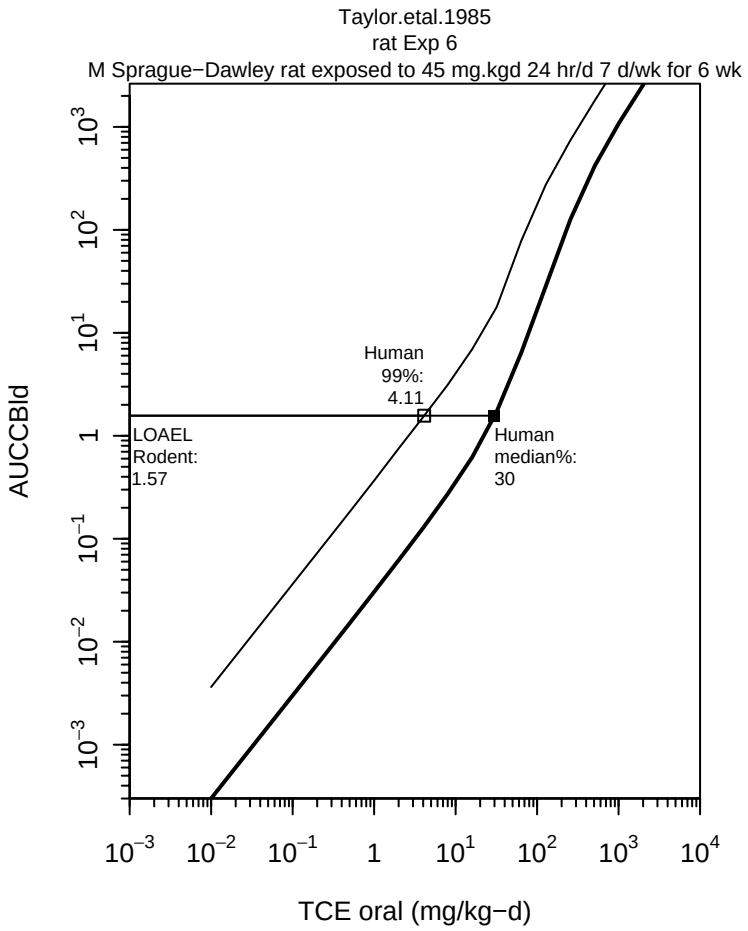

Fredricksson.etal.1993
mouse Exp 1
M NMRI mouse exposed to 50 mg.kgd 24 hr/d 7 d/wk for 1 wk
TotMetabBW34
Human
99%:
4.13
LOAEL
Rodent:
11.9
Human
median%:
4.2
TCE oral (mg/kg−d)

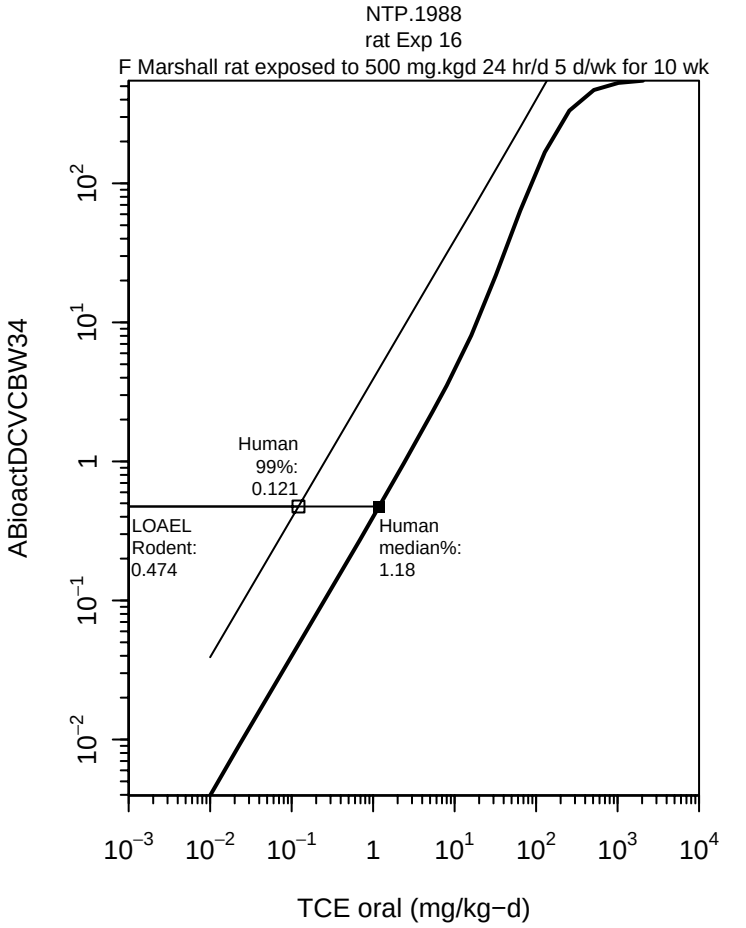

Fredricksson.etal.1993
mouse Exp 1
M NMRI mouse exposed to 50 mg.kgd 24 hr/d 7 d/wk for 1 wk
TotOxMetabBW34
Human
99%:
4.11
LOAEL
Rodent:
11.8
Human
median%:
4.62
TCE oral (mg/kg−d)

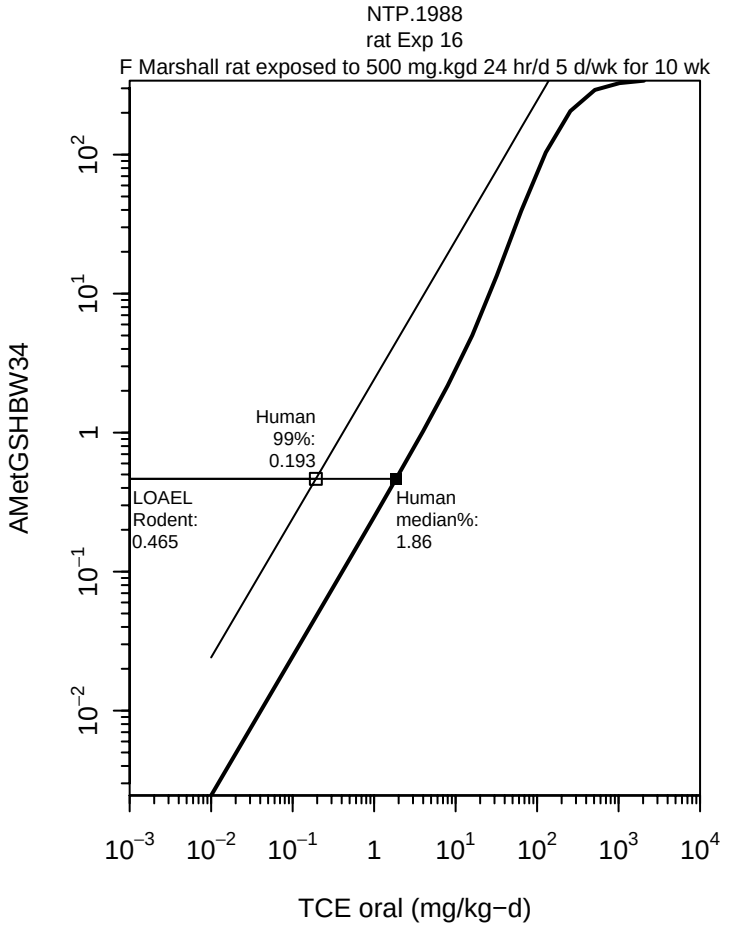

Fredricksson.etal.1993
mouse Exp 1
M NMRI mouse exposed to 50 mg.kgd 24 hr/d 7 d/wk for 1 wk
AUCCBld
Human
99%:
3.46
LOAEL
Rodent:
1.32
Human
median%:
26.6
TCE oral (mg/kg−d)

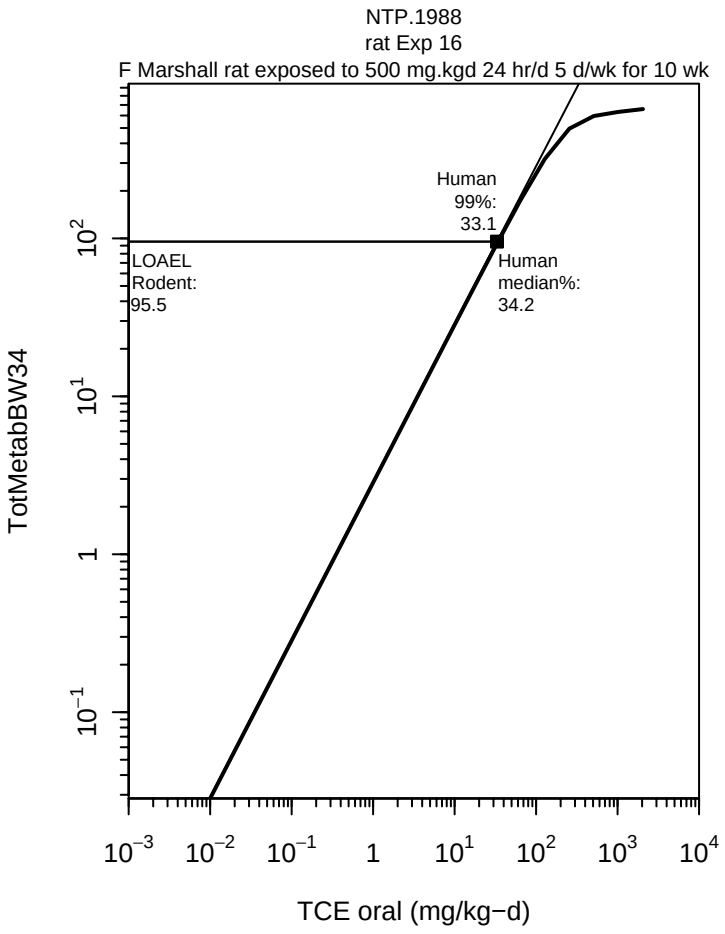

Taylor.etal.1985
rat Exp 6
M Sprague−Dawley rat exposed to 45 mg.kgd 24 hr/d 7 d/wk for 6 wk
TotMetabBW34
Human
99%:
10.7
LOAEL
Rodent:
30.9
Human
median%:
10.9
TCE oral (mg/kg−d)

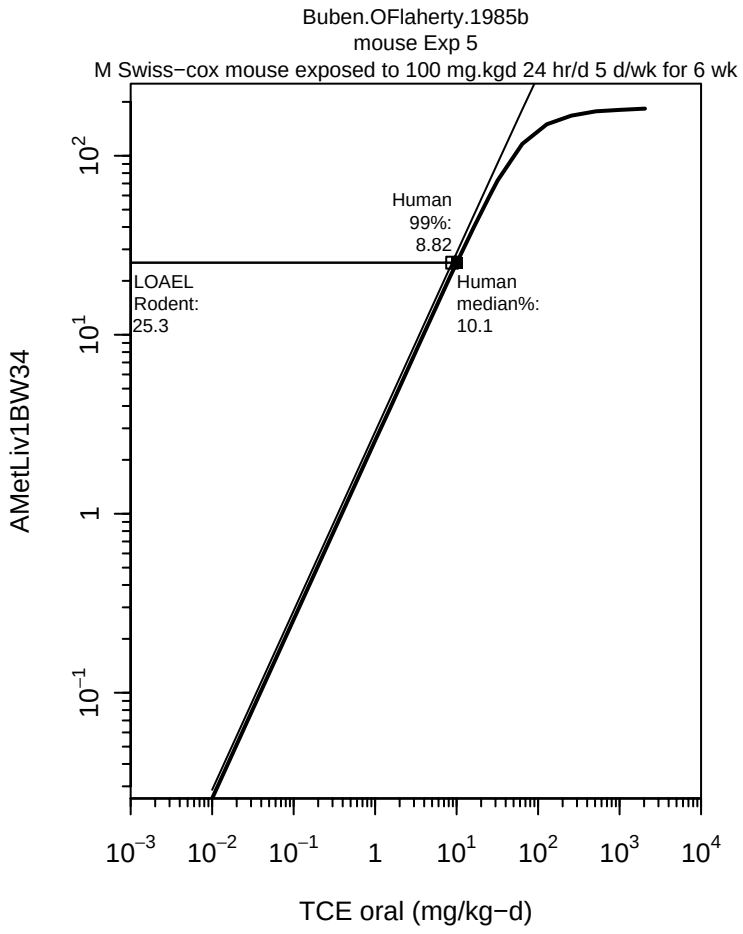

Taylor.etal.1985
rat Exp 6
M Sprague−Dawley rat exposed to 45 mg.kgd 24 hr/d 7 d/wk for 6 wk
Human
99%:
10.8
LOAEL
Rodent:
30.8
Human
median%:
12.3
TotOxMetabBW34
TCE oral (mg/kg−d)

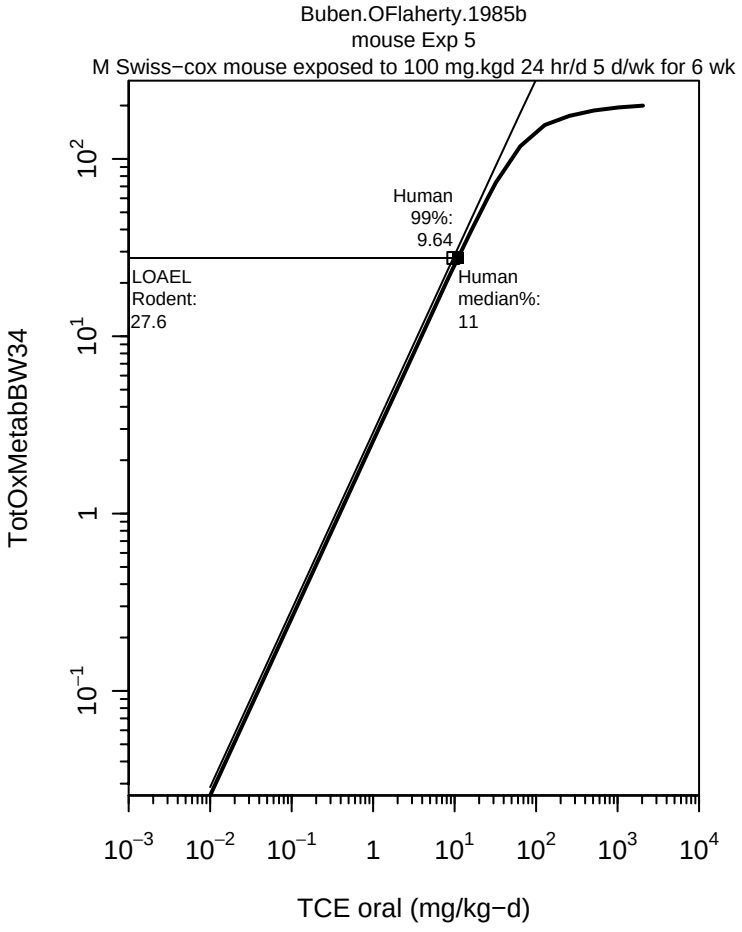

Taylor.etal.1985
rat Exp 6
M Sprague−Dawley rat exposed to 45 mg.kgd 24 hr/d 7 d/wk for 6 wk
Human
99%:
4.11
LOAEL
Rodent:
1.57
Human
median%:
30
AUCCBld
TCE oral (mg/kg−d)

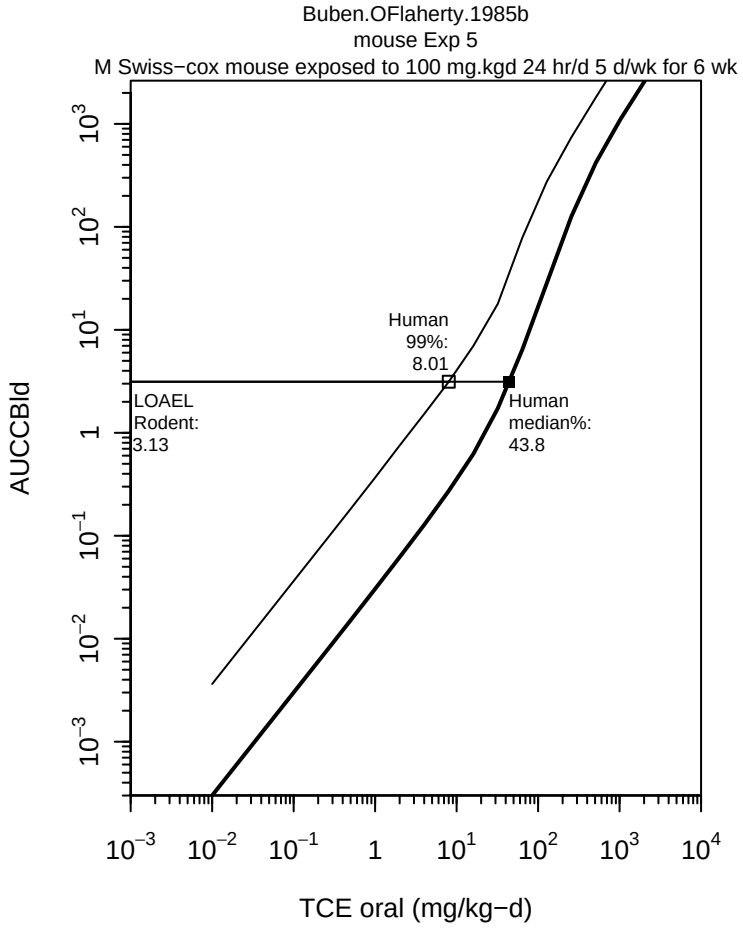

NTP.1988
rat Exp 16
F Marshall rat exposed to 500 mg.kgd 24 hr/d 5 d/wk for 10 wk
Human
99%:
0.121
LOAEL
Rodent:
0.474
Human
median%:
1.18
ABioactDCVCBW34
TCE oral (mg/kg−d)

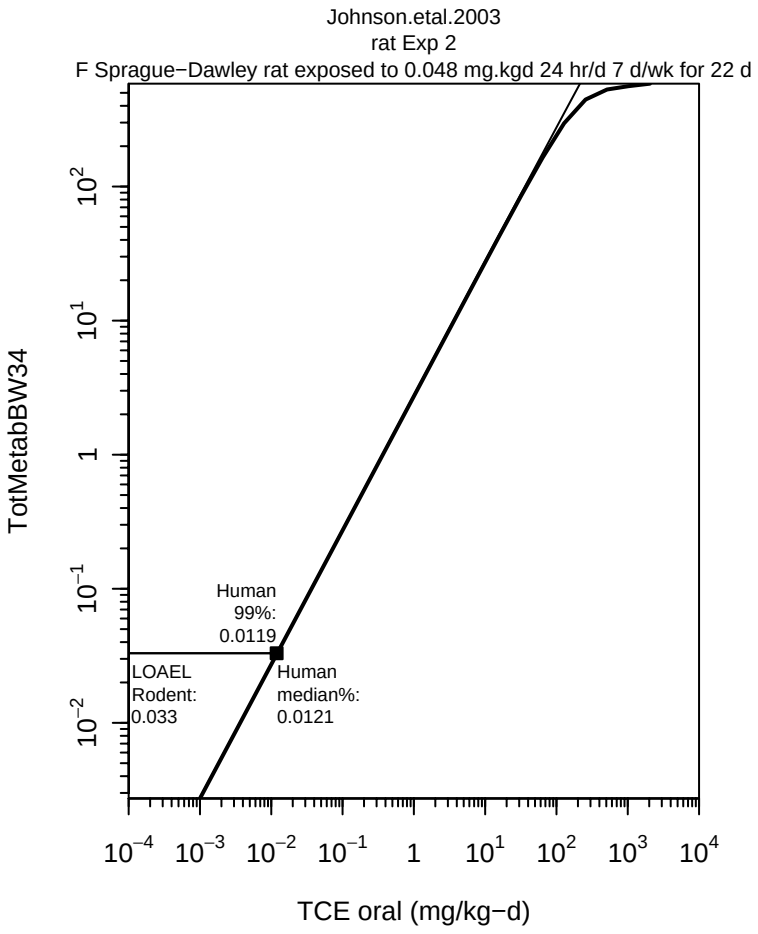

NTP.1988
rat Exp 16
F Marshall rat exposed to 500 mg.kgd 24 hr/d 5 d/wk for 10 wk
Human
99%:
0.193
LOAEL
Rodent:
0.465
Human
median%:
1.86
AMetGSHBW34
TCE oral (mg/kg−d)

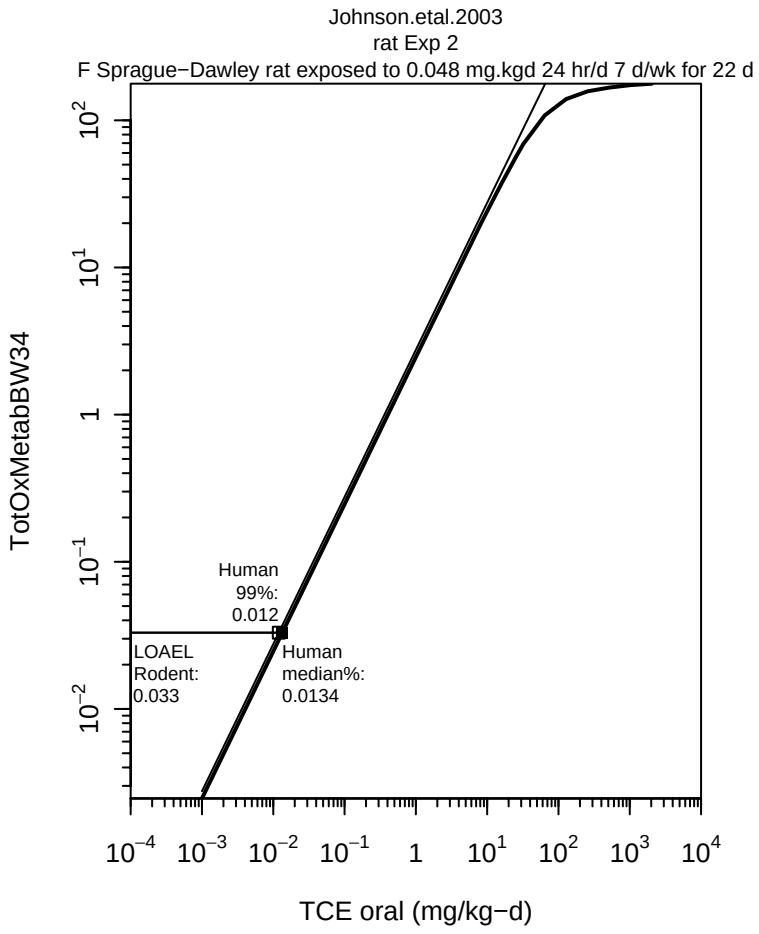

NTP.1988
rat Exp 16
F Marshall rat exposed to 500 mg.kgd 24 hr/d 5 d/wk for 10 wk
Human
99%:
33.1
LOAEL
Rodent:
95.5
Human
median%:
34.2
TotMetabBW34
TCE oral (mg/kg−d)

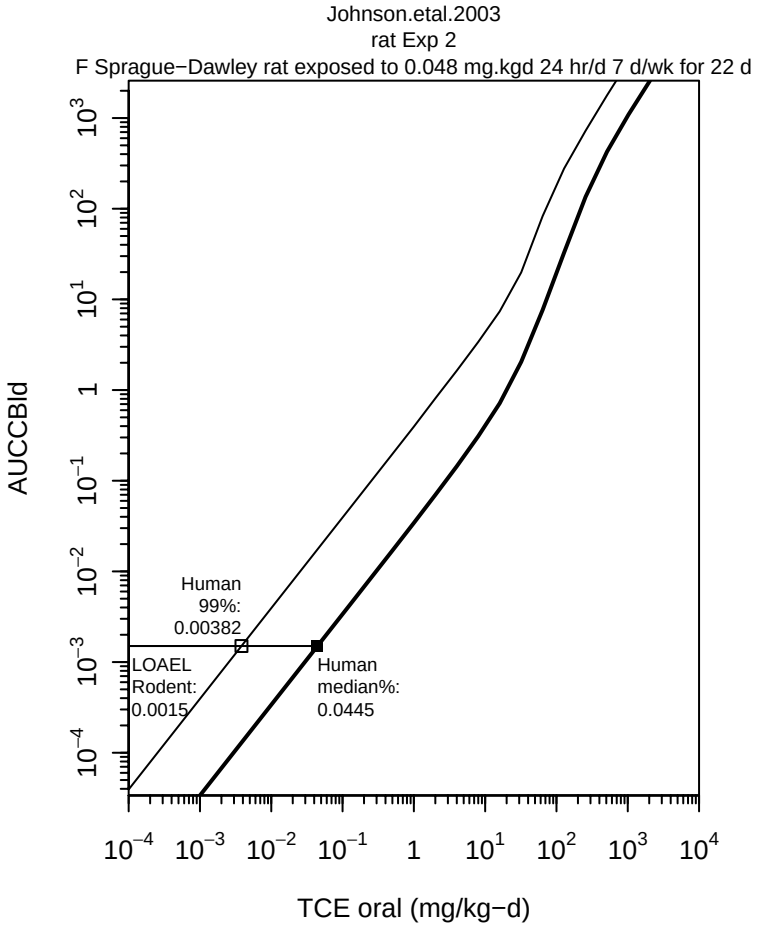

Buben.OFlaherty.1985b
mouse Exp 5
M Swiss−cox mouse exposed to 100 mg.kgd 24 hr/d 5 d/wk for 6 wk
Human
99%:
8.82
LOAEL
Rodent:
25.3
Human
median%:
10.1
AMetLiv1BW34
TCE oral (mg/kg−d)


Buben.OFlaherty.1985b
mouse Exp 5
M Swiss−cox mouse exposed to 100 mg.kgd 24 hr/d 5 d/wk for 6 wk
Human
99%:
9.64
LOAEL
Rodent:
27.6
Human
median%:
11
TotOxMetabBW34
TCE oral (mg/kg−d)


Buben.OFlaherty.1985b
mouse Exp 5
M Swiss−cox mouse exposed to 100 mg.kgd 24 hr/d 5 d/wk for 6 wk
Human
99%:
8.01
LOAEL
Rodent:
3.13
Human
median%:
43.8
AUCCBld
TCE oral (mg/kg−d)


Johnson.etal.2003
rat Exp 2
F Sprague−Dawley rat exposed to 0.048 mg.kgd 24 hr/d 7 d/wk for 22 d
TotMetabBW34
TCE oral (mg/kg−d)
Human
99%:
0.0119
LOAEL
Rodent:
0.033
Human
median%:
0.0121


Johnson.etal.2003
rat Exp 2
F Sprague−Dawley rat exposed to 0.048 mg.kgd 24 hr/d 7 d/wk for 22 d
TotOxMetabBW34
TCE oral (mg/kg−d)
Human
99%:
0.012
LOAEL
Rodent:
0.033
Human
median%:
0.0134


Johnson.etal.2003
rat Exp 2
F Sprague−Dawley rat exposed to 0.048 mg.kgd 24 hr/d 7 d/wk for 22 d
AUCCBld
TCE oral (mg/kg−d)
Human
99%:
0.00382
LOAEL
Rodent:
0.0015
Human
median%:
0.0445