

Data File : H:\VOL1\GCMSDATA\L\120215\BL000557.D

Vial: 4

Acq On : 15 Feb 2012 10:59

Operator: HLM

Sample : CWA-4

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 15 14:55 2012

Quant Results File: BL021512.RES

Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Wed Feb 15 14:49:38 2012

Response via : Initial Calibration

DataAcq Meth : CWAL

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	1657632	2.00	ug/mL	0.00
6) Naphthalene-d8	7.07	136	5382019	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	8.09	99	4206826	2.56	ug/mL	0.00
Spiked Amount 500.000	Range 70 - 130		Recovery	=	0.51%#	
12) 2-Bromothioanisole	8.40	204	4114115	8.36	ug/mL	0.00
Spiked Amount 5000.000	Range 70 - 130		Recovery	=	0.17%#	

Target Compounds

					Ovalue
2) Dimethyl Disulfide	3.75	94	5913656	7.21	ug/mL 100
3) DMMP	4.58	79	1630957	2.51	ug/mL 100
4) DIMP	5.96	97	3296882	2.43	ug/mL 100
5) 1,4-Oxathiane	4.78	46	5500002	6.95	ug/mL 100
7) 1,4-Dithiane	6.23	46	3297445	7.50	ug/mL 100
8) Thiodiglycol	6.95	61	21388906	45.50	ug/mL 100
9) Benzothiazole	7.37	135	12188492	8.57	ug/mL 100
11) p-Chlorophenylmethyldisulfid	7.62	158	9607605	11.28	ug/mL 100
13) p-Chlorophenylmethyldisulfox	9.09	159	5778828	11.59	ug/mL 100
14) p-Chlorophenylmethyldisulfon	9.29	111	7112325	11.28	ug/mL 100

(#) = qualifier out of range (m) = manual integration

BL000557.D BL021512.M

Fri Feb 17 10:47:52 2012

A

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Vial: 4

Acq On : 15 Feb 2012 10:59

Operator: HLM

Sample : CWA-4

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 15 14:55 2012

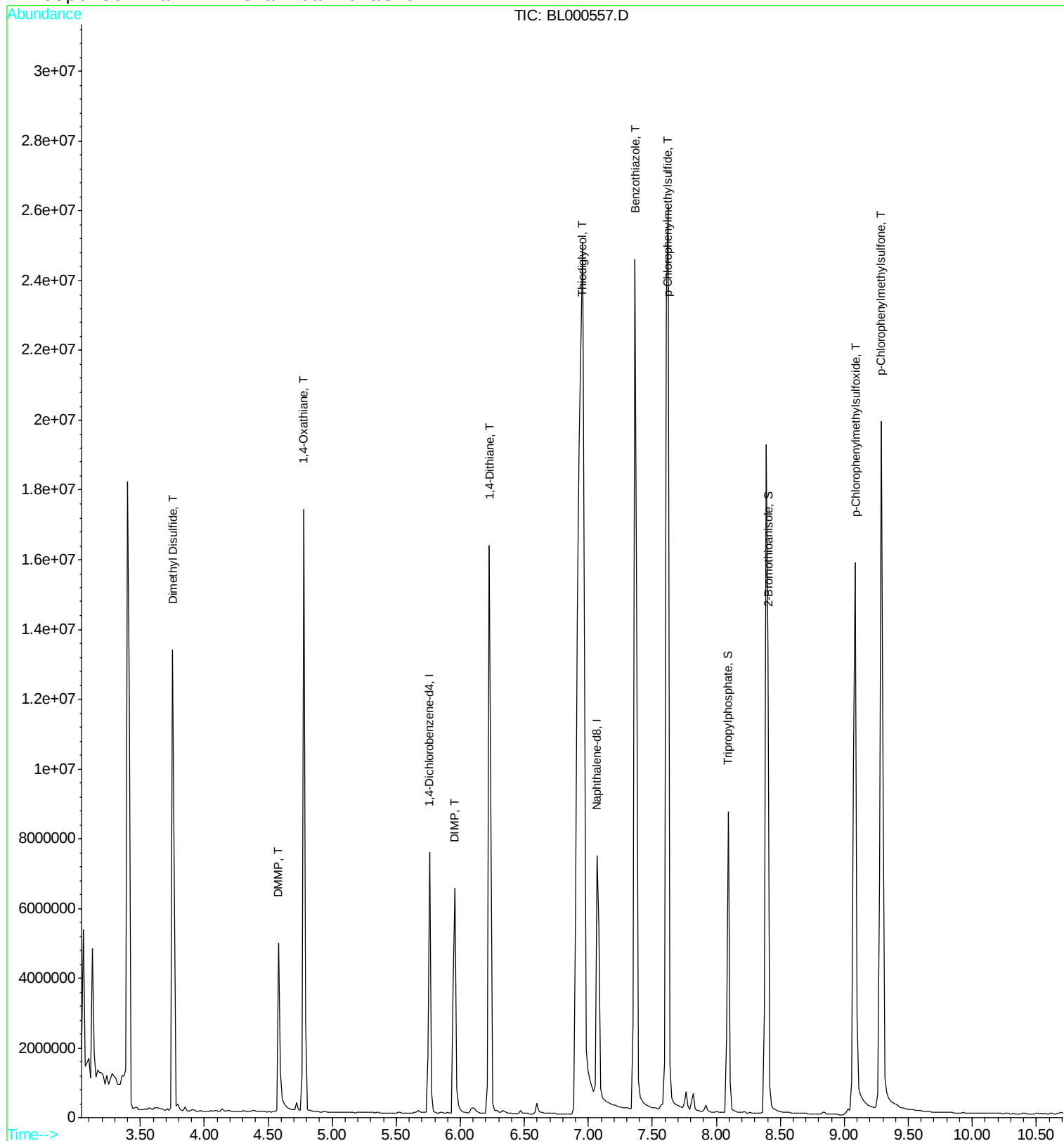
Quant Results File: BL021512.RES

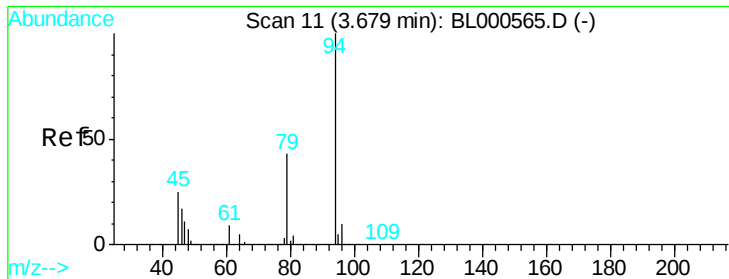
Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Feb 17 10:16:01 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 7.21 ug/mL

RT: 3.75 min Scan# 51

Delta R.T. 0.00 min

Lab File: BL000557.D

Acq: 15 Feb 2012 10:59

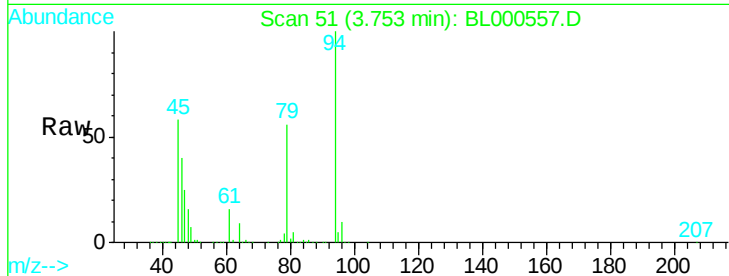
Tgt Ion: 94 Resp: 5913656

Ion Ratio Lower Upper

94 100

45 57.9 37.9 77.9

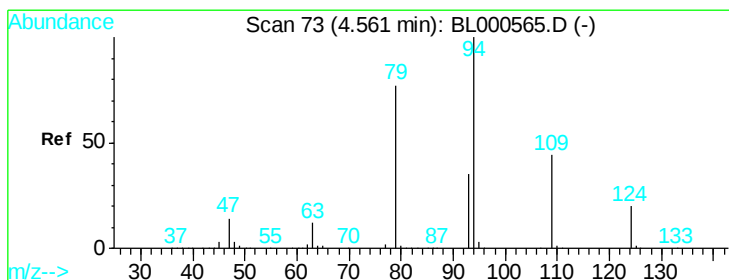
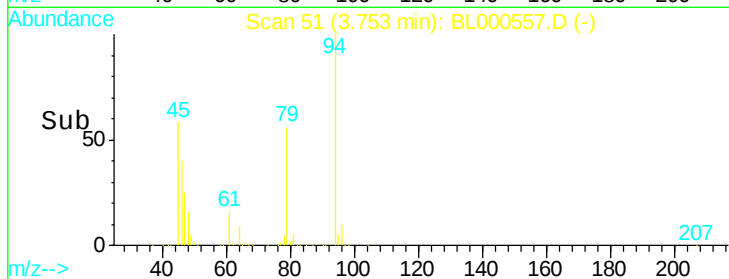
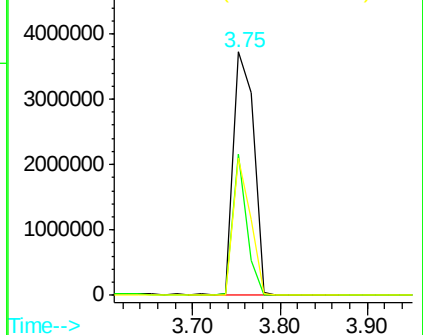
79 56.3 36.3 76.3



Abundance Ion 94.00 (93.70 to 94.70): BL0

Ion 45.00 (44.70 to 45.70): BL0

Ion 79.00 (78.70 to 79.70): BL0



#3

DMMP

Concen: 2.51 ug/mL

RT: 4.58 min Scan# 109

Delta R.T. 0.00 min

Lab File: BL000557.D

Acq: 15 Feb 2012 10:59

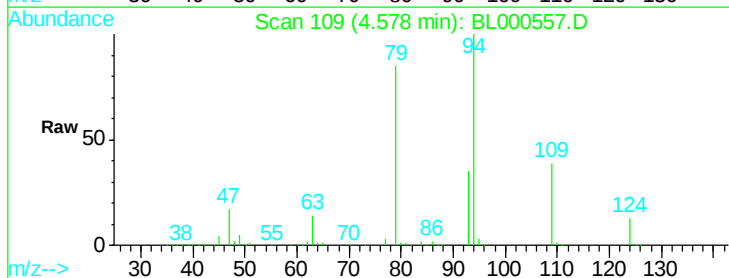
Tgt Ion: 79 Resp: 1630957

Ion Ratio Lower Upper

79 100

94 118.3 98.3 138.3

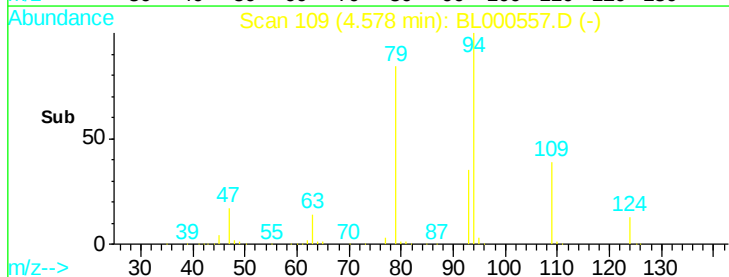
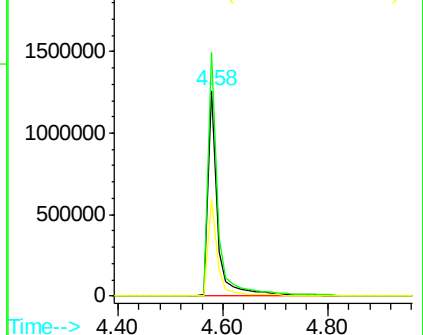
109 46.6 26.6 66.6

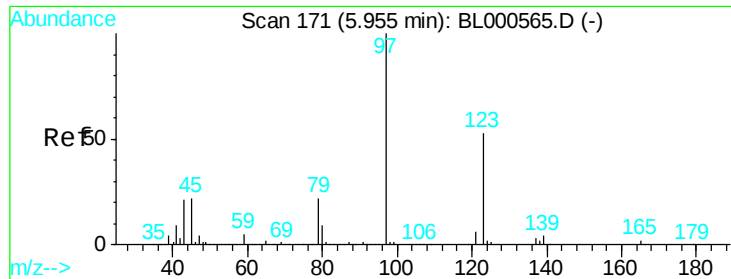


Abundance Ion 79.00 (78.70 to 79.70): BL0

Ion 94.00 (93.70 to 94.70): BL0

Ion 109.00 (108.70 to 109.70): BL0





#4

DIMP

Concen: 2.43 ug/mL

RT: 5.96 min Scan# 206

Delta R.T. 0.00 min

Lab File: BL000557.D

Acq: 15 Feb 2012 10:59

Tgt Ion: 97 Resp: 3296882

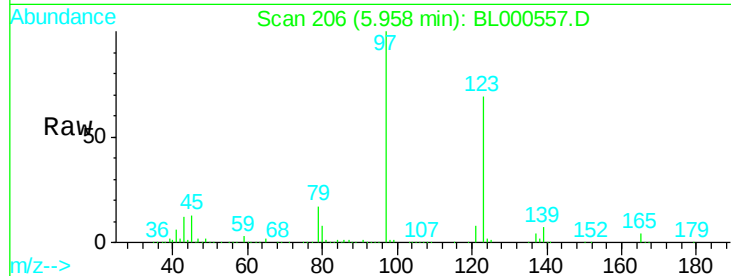
Ion Ratio Lower Upper

97 100

123 68.8 48.8 88.8

43 12.3 0.0 32.3

41 5.6 0.0 25.6

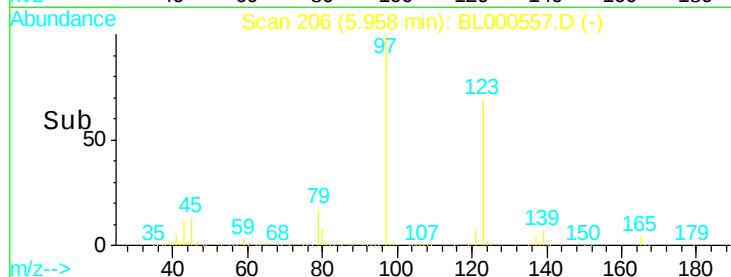


Abundance Ion 97.00 (96.70 to 97.70): BL0

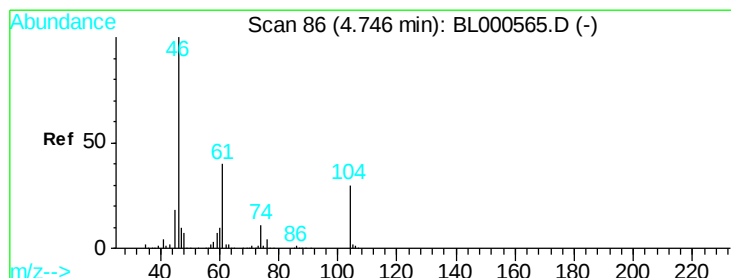
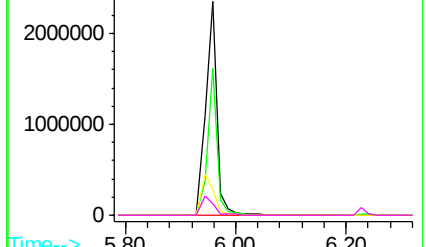
Ion 123.00 (122.70 to 123.70): BL0

Ion 43.00 (42.70 to 43.70): BL0

Ion 41.00 (40.70 to 41.70): BL0



Time--> 5.80 6.00 6.20



#5

1,4-Oxathiane

Concen: 6.95 ug/mL

RT: 4.78 min Scan# 123

Delta R.T. 0.00 min

Lab File: BL000557.D

Acq: 15 Feb 2012 10:59

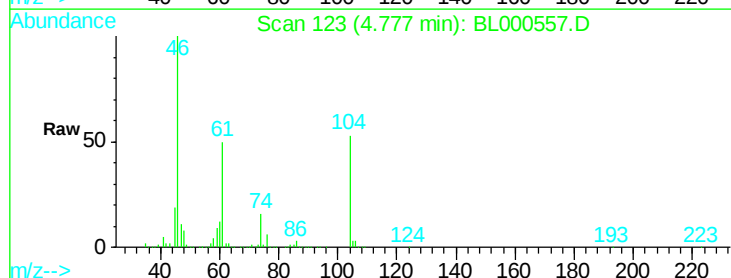
Tgt Ion: 46 Resp: 5500002

Ion Ratio Lower Upper

46 100

61 49.6 29.6 69.6

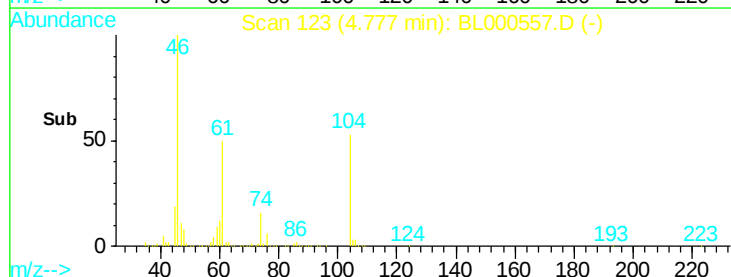
104 52.6 32.6 72.6



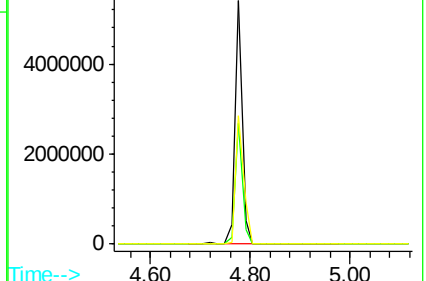
Abundance Ion 46.00 (45.70 to 46.70): BL0

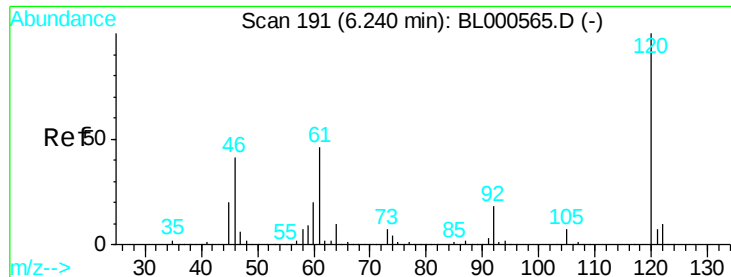
Ion 61.00 (60.70 to 61.70): BL0

Ion 104.00 (103.70 to 104.70): BL0



Time--> 4.60 4.80 5.00





#7

1,4-Dithiane

Concen: 7.50 ug/mL

RT: 6.23 min Scan# 225

Delta R.T. 0.00 min

Lab File: BL000557.D

Acq: 15 Feb 2012 10:59

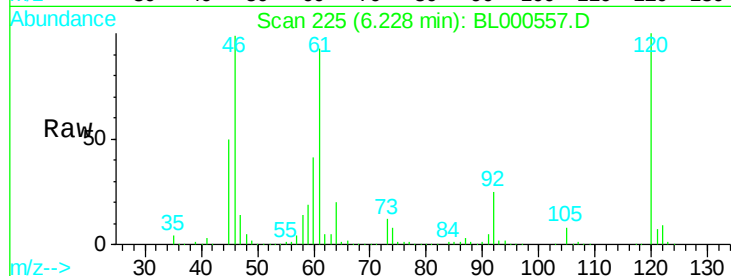
Tgt Ion: 46 Resp: 3297445

Ion Ratio Lower Upper

46 100

61 94.1 74.1 114.1

120 101.1 81.1 121.1

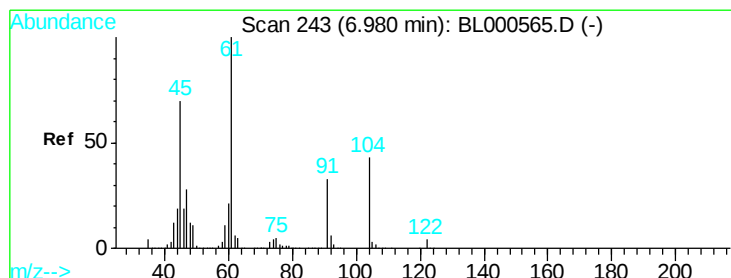
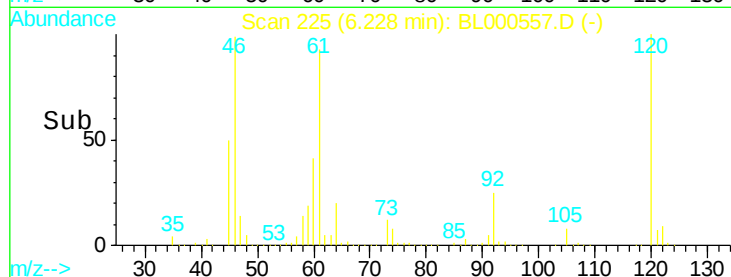
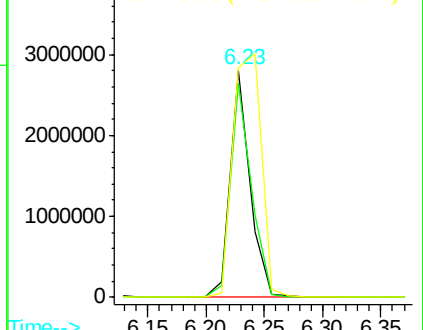


Abundance

Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 120.00 (119.70 to 120.70): BL0



#8

Thiodiglycol

Concen: 45.50 ug/mL

RT: 6.95 min Scan# 276

Delta R.T. 0.00 min

Lab File: BL000557.D

Acq: 15 Feb 2012 10:59

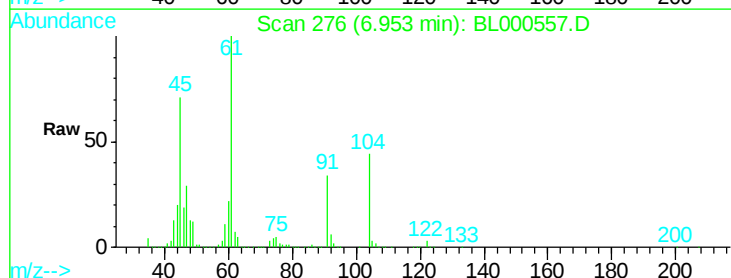
Tgt Ion: 61 Resp: 21388906

Ion Ratio Lower Upper

61 100

45 70.8 50.8 90.8

47 29.0 9.0 49.0

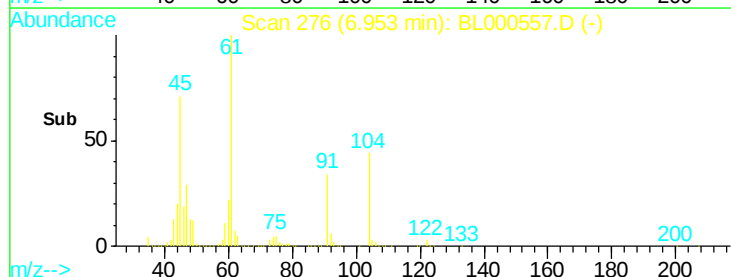
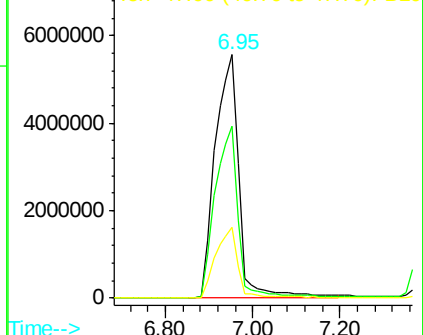


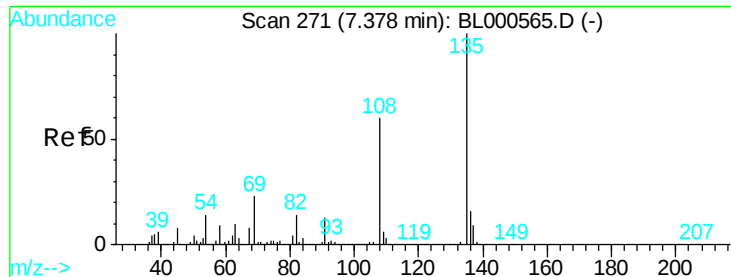
Abundance

Ion 61.00 (60.70 to 61.70): BL0

Ion 45.00 (44.70 to 45.70): BL0

Ion 47.00 (46.70 to 47.70): BL0





#9

Benzothiazole

Concen: 8.57 ug/mL

RT: 7.37 min Scan# 305

Delta R.T. 0.00 min

Lab File: BL000557.D

Acq: 15 Feb 2012 10:59

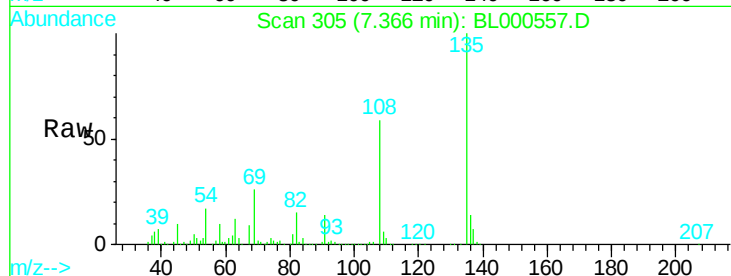
Tgt Ion:135 Resp:12188492

Ion Ratio Lower Upper

135 100

108 58.8 38.8 78.8

69 25.9 5.9 45.9

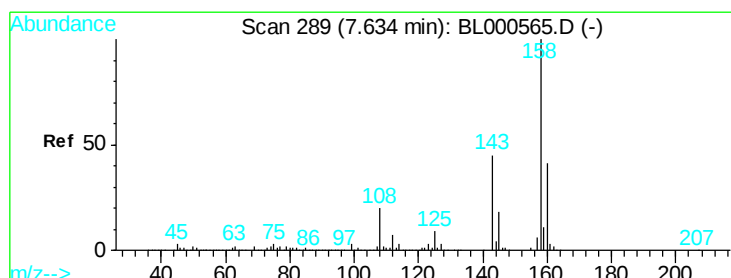
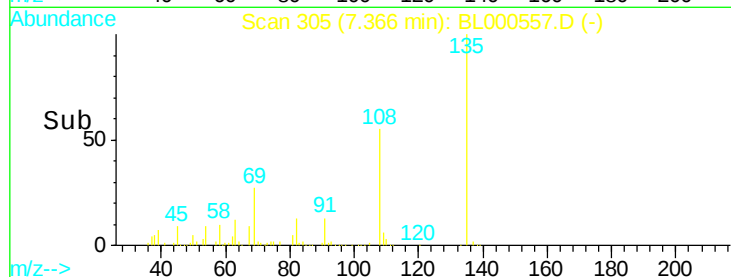
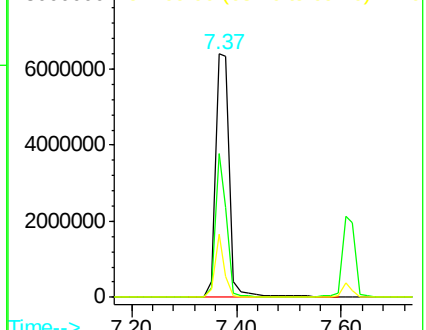


Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BL0



#11

p-Chlorophenylmethylsulfide

Concen: 11.28 ug/mL

RT: 7.62 min Scan# 323

Delta R.T. 0.00 min

Lab File: BL000557.D

Acq: 15 Feb 2012 10:59

Tgt Ion:158 Resp: 9607605

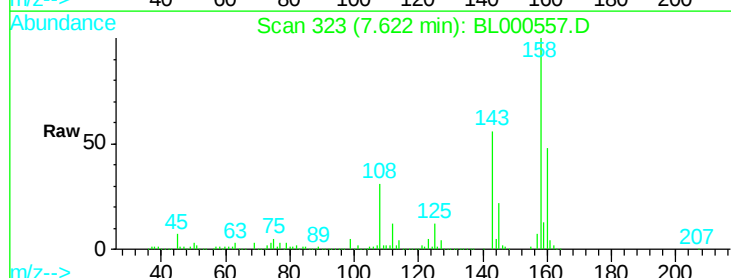
Ion Ratio Lower Upper

158 100

143 56.0 36.0 76.0

108 30.7 10.7 50.7

45 6.7 0.0 26.7



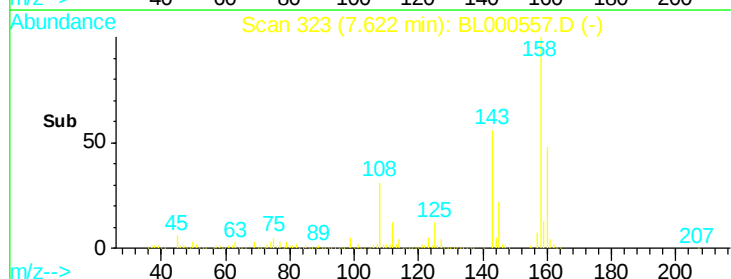
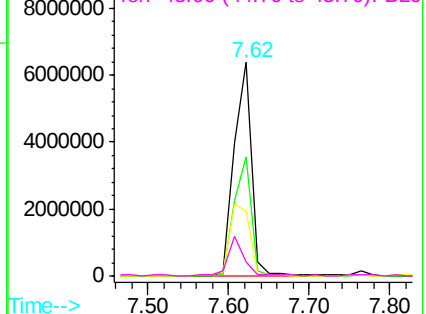
Abundance

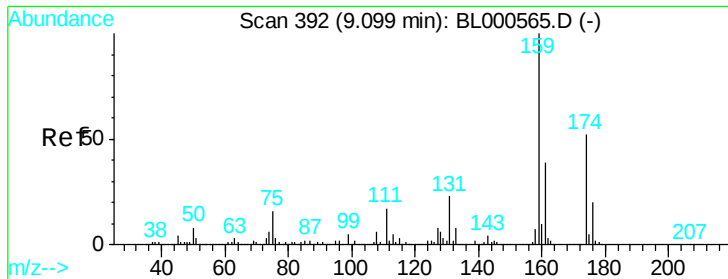
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

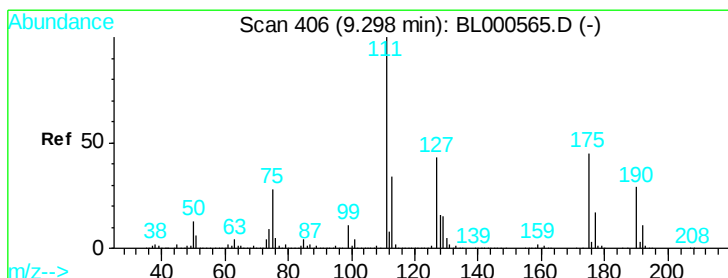
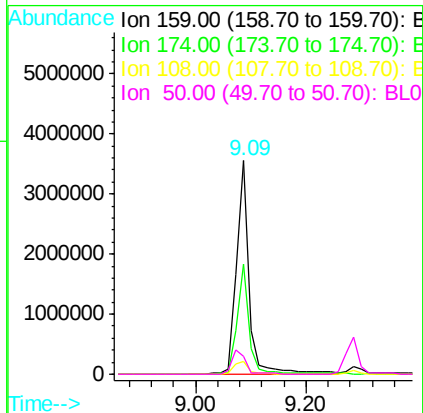
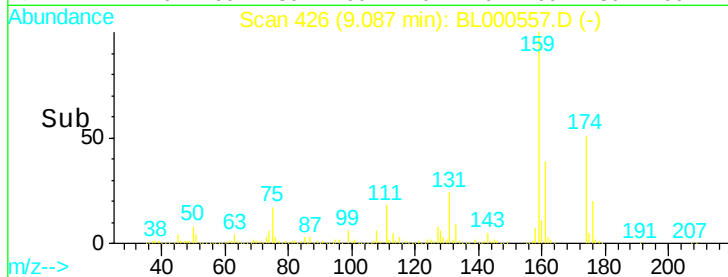
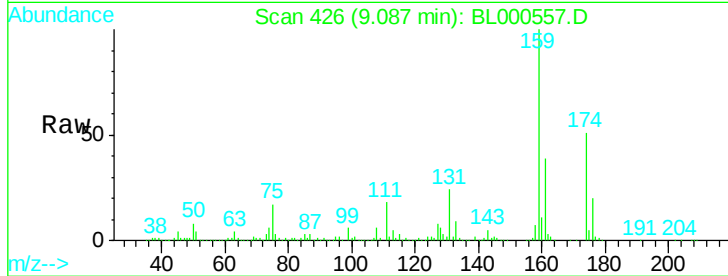
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 11.59 ug/mL
RT: 9.09 min Scan# 426
Delta R.T. 0.00 min
Lab File: BL000557.D
Acq: 15 Feb 2012 10:59

Tgt Ion:159 Resp: 5778828
Ion Ratio Lower Upper
159 100
174 50.4 30.4 70.4
108 7.6 0.0 27.6
50 13.2 0.0 33.2



#14
p-Chlorophenylmethylsulfone
Concen: 11.28 ug/mL
RT: 9.29 min Scan# 440
Delta R.T. 0.00 min
Lab File: BL000557.D
Acq: 15 Feb 2012 10:59

Tgt Ion:111 Resp: 7112325
Ion Ratio Lower Upper
111 100
75 29.9 9.9 49.9
127 41.9 21.9 61.9
190 25.3 5.3 45.3

