

Data File : H:\VOL1\GCMSDATA\L\120215\BL000561.D

Vial: 6

Acq On : 15 Feb 2012 13:58

Operator: HLM

Sample : CWA-2

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 16 14:01 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	1418928	2.00	ug/mL	0.00
6) Naphthalene-d8	7.07	136	4698789	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	8.09	99	201575	0.14	ug/mL	0.00
Spiked Amount 500.000	Range 70 - 130		Recovery	=	0.03%#	
12) 2-Bromothioanisole	8.39	204	305236	0.71	ug/mL	-0.01
Spiked Amount 5000.000	Range 70 - 130		Recovery	=	0.01%#	

Target Compounds

					Ovalue
2) Dimethyl Disulfide	3.78	94	388761	0.55 ug/mL#	60
3) DMMP	4.59	79	70405	0.13 ug/mL	96
4) DIMP	5.96	97	159342	0.14 ug/mL	87
5) 1,4-Oxathiane	4.76	46	357103	0.53 ug/mL#	69
7) 1,4-Dithiane	6.23	46	219556	0.57 ug/mL#	77
8) Thiodiglycol	6.90	61	845743m	2.06 ug/mL	
9) Benzothiazole	7.37	135	1117387	0.90 ug/mL#	71
11) p-Chlorophenylmethyldisulfide	7.62	158	774101	1.04 ug/mL	84
13) p-Chlorophenylmethyldisulfox	9.09	159	223780	0.51 ug/mL	95
14) p-Chlorophenylmethyldisulfon	9.27	111	424077	0.77 ug/mL	90

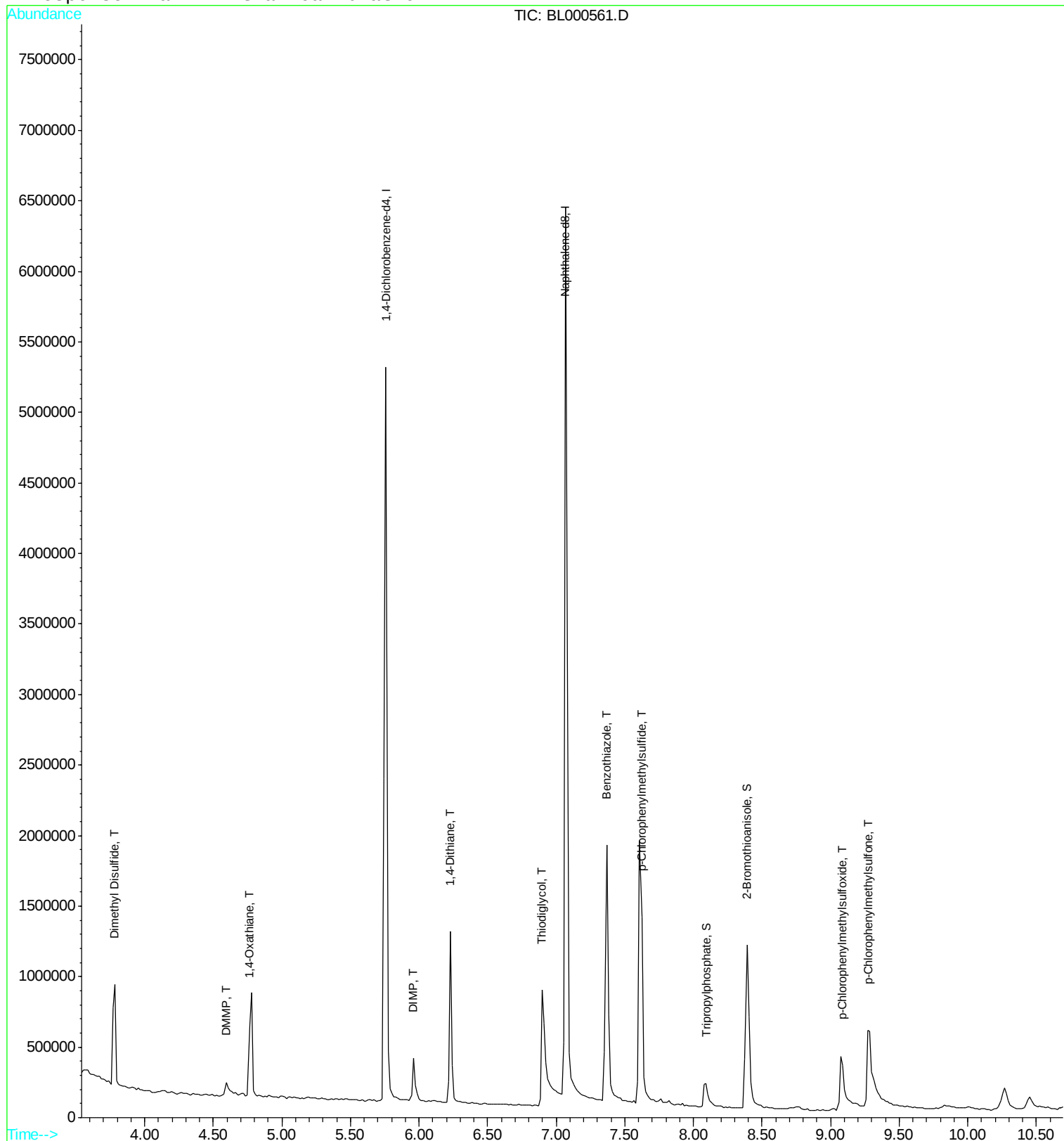
Quantitation Report

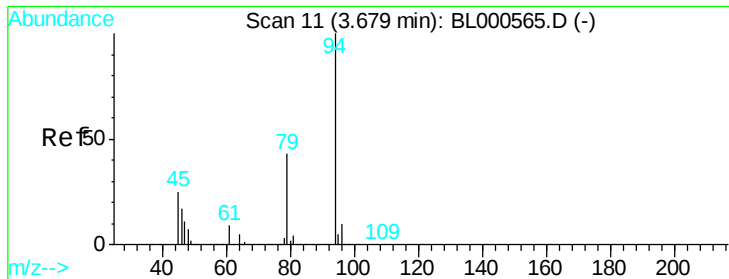
Data File : H:\VOL1\GCMSDATA\L\120215\BL000561.D
 Acq On : 15 Feb 2012 13:58
 Sample : CWA-2
 Misc : BNA L HLM
 MS Integration Params: rteint.p
 Quant Time: Feb 16 14:01 2012

Vial: 6
 Operator: HLM
 Inst : BNA L
 Multiplr: 1.00

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: 0.55 ug/mL

RT: 3.78 min Scan# 18

Delta R.T. 0.03 min

Lab File: BL000561.D

Acq: 15 Feb 2012 13:58

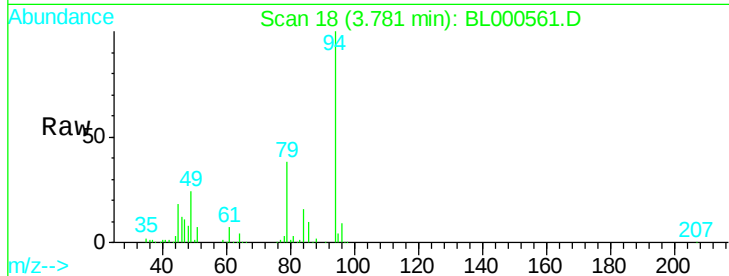
Tgt Ion: 94 Resp: 388761

Ion Ratio Lower Upper

94 100

45 17.7 37.9 77.9#

79 37.8 36.3 76.3

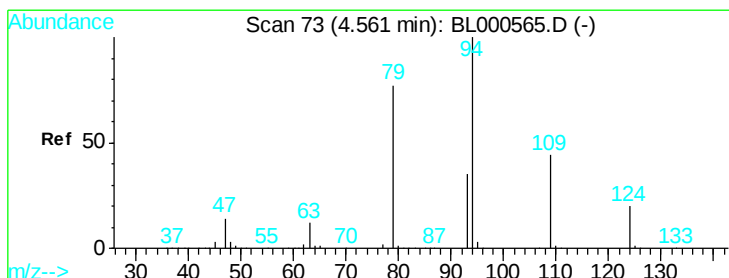
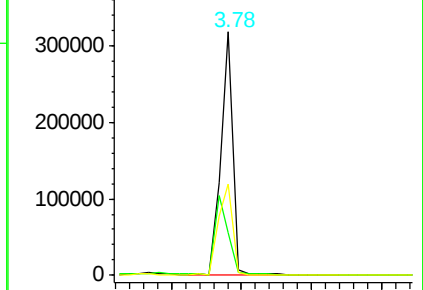
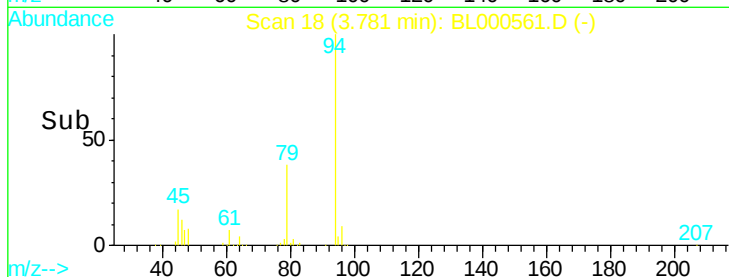


Abundance

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: 0.13 ug/mL

RT: 4.59 min Scan# 75

Delta R.T. 0.01 min

Lab File: BL000561.D

Acq: 15 Feb 2012 13:58

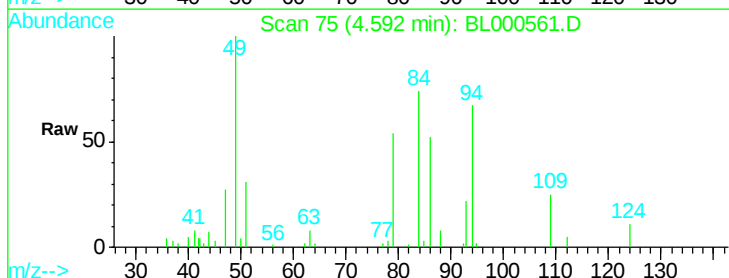
Tgt Ion: 79 Resp: 70405

Ion Ratio Lower Upper

79 100

94 124.0 98.3 138.3

109 47.3 26.6 66.6

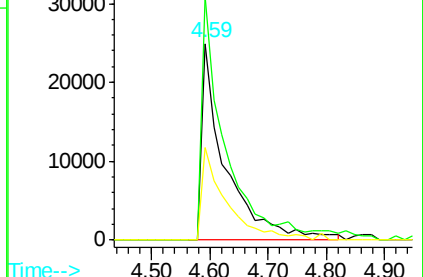
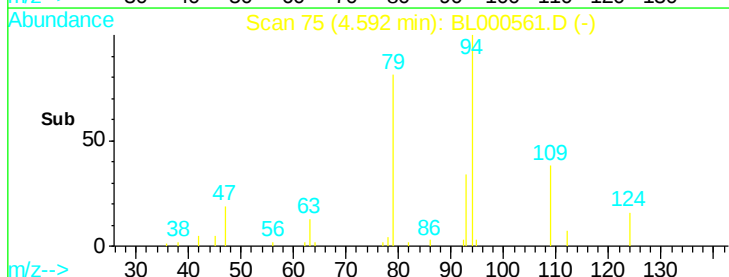


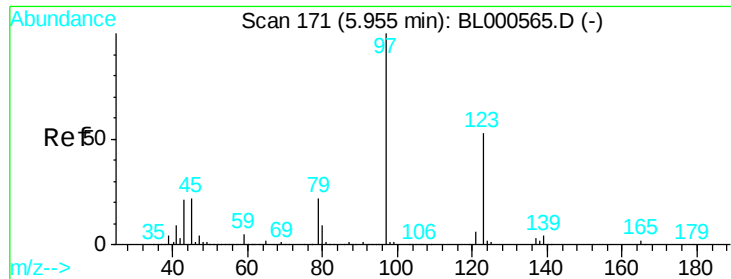
Abundance

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: 0.14 ug/mL

RT: 5.96 min Scan# 171

Delta R.T. 0.00 min

Lab File: BL000561.D

Acq: 15 Feb 2012 13:58

Tgt Ion: 97 Resp: 159342

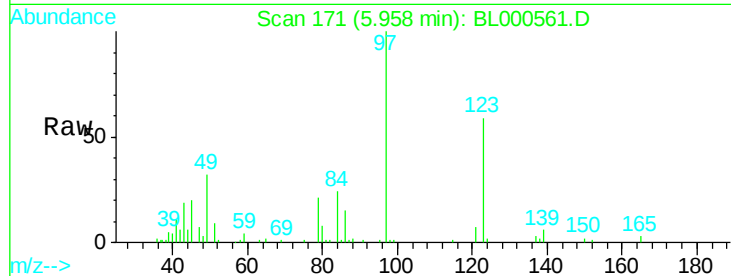
Ion Ratio Lower Upper

97 100

123 58.9 48.8 88.8

43 18.9 0.0 32.3

41 11.4 0.0 25.6

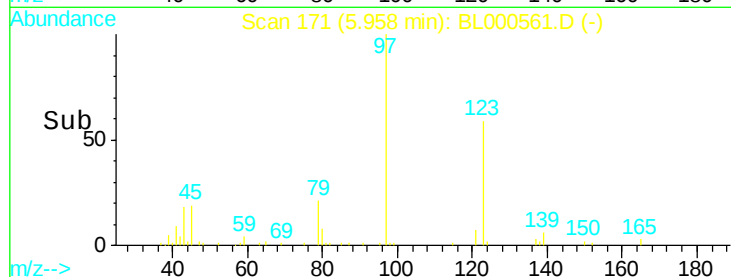


Abundance Ion 97.00 (96.70 to 97.70): BL0

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



Abundance

Time--> 5.80 5.90 6.00 6.10 6.20

5.96

150000

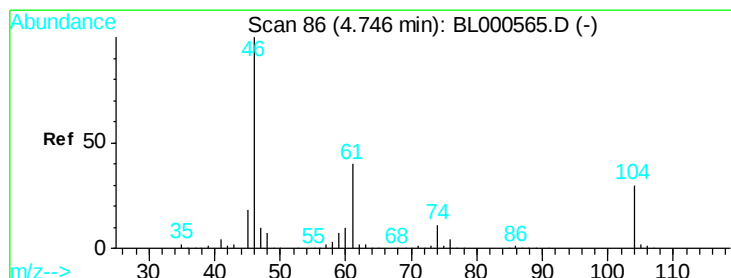
100000

50000

0

5.80 5.90 6.00 6.10 6.20

Time-->



#5

1,4-Oxathiane

Concen: 0.53 ug/mL

RT: 4.76 min Scan# 87

Delta R.T. -0.01 min

Lab File: BL000561.D

Acq: 15 Feb 2012 13:58

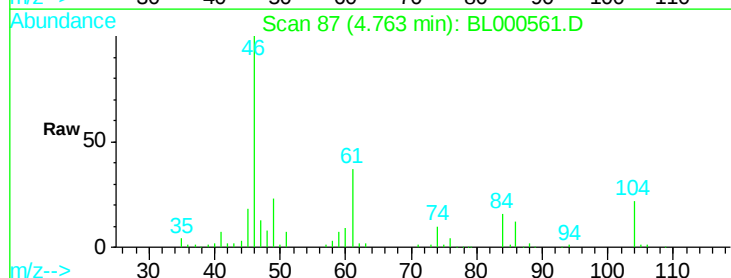
Tgt Ion: 46 Resp: 357103

Ion Ratio Lower Upper

46 100

61 37.0 29.6 69.6

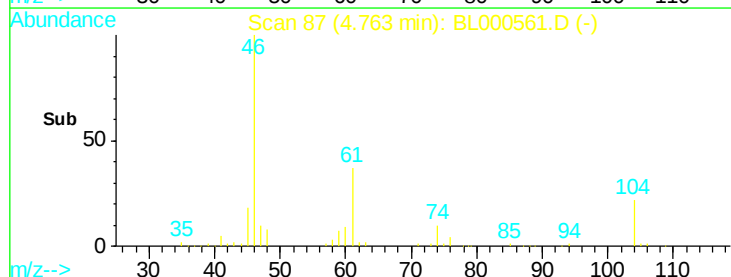
104 22.2 32.6 72.6#



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--> 4.70 4.80 4.90

4.76

250000

200000

150000

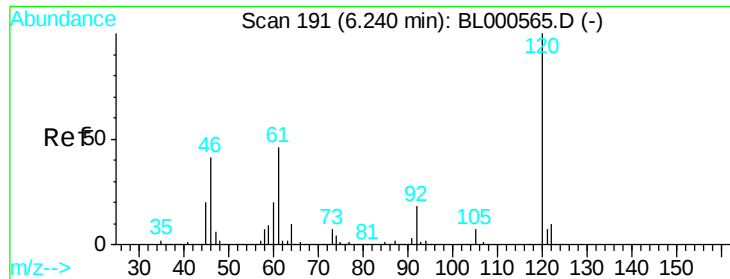
100000

50000

0

4.70 4.80 4.90

Time-->



#7

1,4-Dithiane

Concen: 0.57 ug/mL

RT: 6.23 min Scan# 190

Delta R.T. 0.00 min

Lab File: BL000561.D

Acq: 15 Feb 2012 13:58

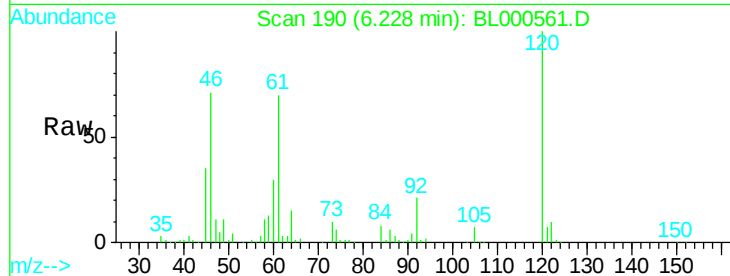
Tgt Ion: 46 Resp: 219556

Ion Ratio Lower Upper

46 100

61 98.6 74.1 114.1

120 141.1 81.1 121.1#

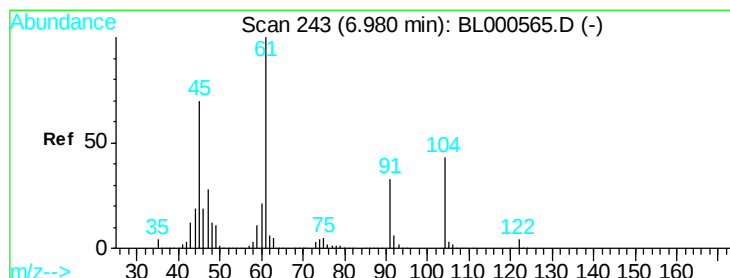
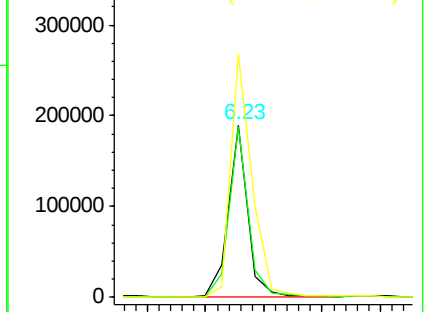
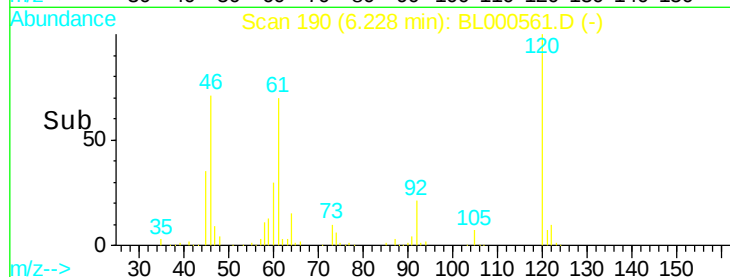


Abundance

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: 2.06 ug/mL m

RT: 6.90 min Scan# 237

Delta R.T. -0.06 min

Lab File: BL000561.D

Acq: 15 Feb 2012 13:58

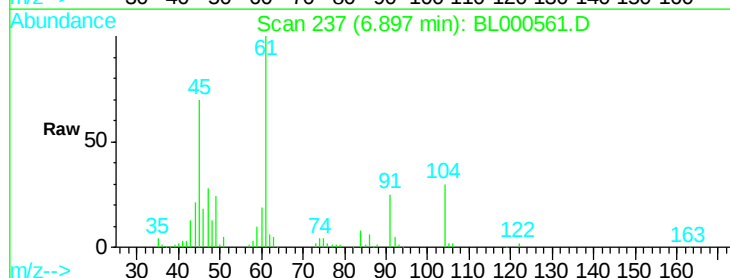
Tgt Ion: 61 Resp: 845743

Ion Ratio Lower Upper

61 100

45 69.6 50.8 90.8

47 28.2 9.0 49.0

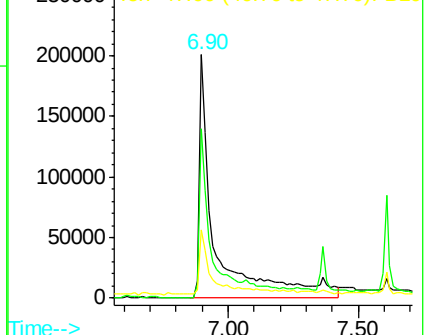
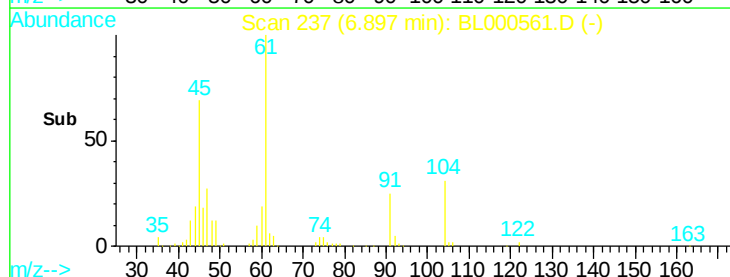


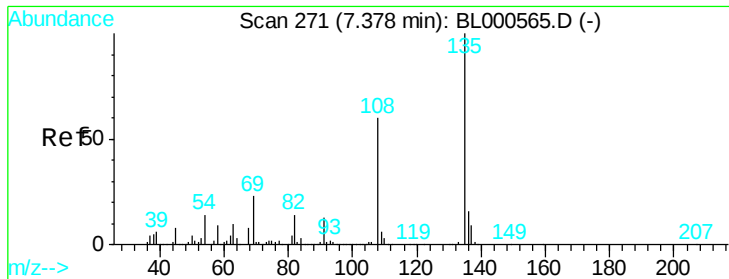
Abundance

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: 0.90 ug/mL

RT: 7.37 min Scan# 270

Delta R.T. 0.00 min

Lab File: BL000561.D

Acq: 15 Feb 2012 13:58

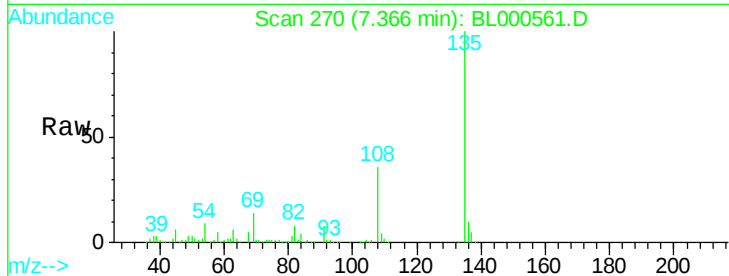
Tgt Ion:135 Resp: 1117387

Ion Ratio Lower Upper

135 100

108 35.9 38.8 78.8#

69 13.7 5.9 45.9

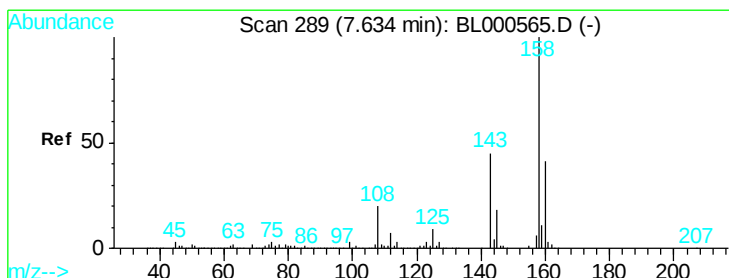
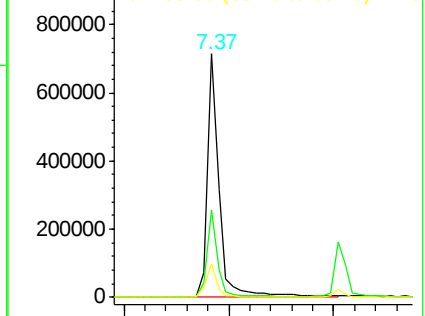
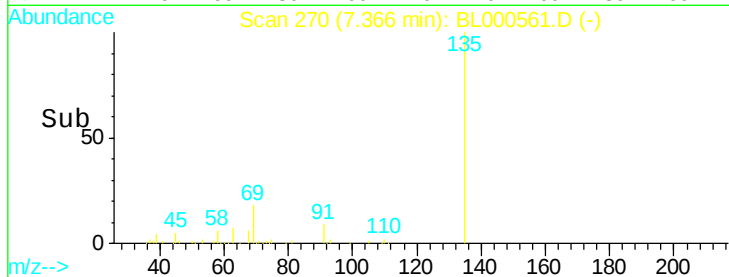


Abundance

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: 1.04 ug/mL

RT: 7.62 min Scan# 288

Delta R.T. 0.00 min

Lab File: BL000561.D

Acq: 15 Feb 2012 13:58

Tgt Ion:158 Resp: 774101

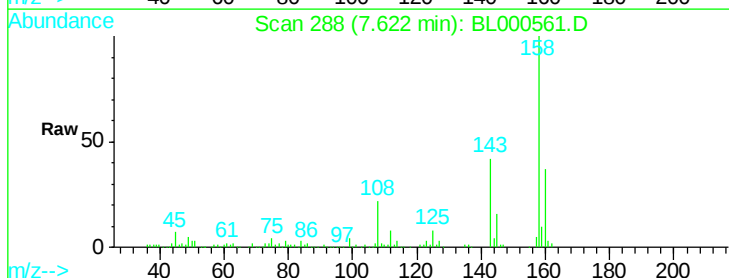
Ion Ratio Lower Upper

158 100

143 42.1 36.0 76.0

108 22.5 10.7 50.7

45 6.7 0.0 26.7



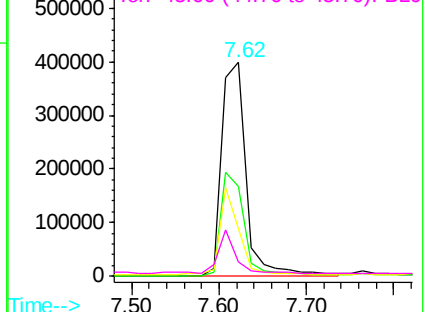
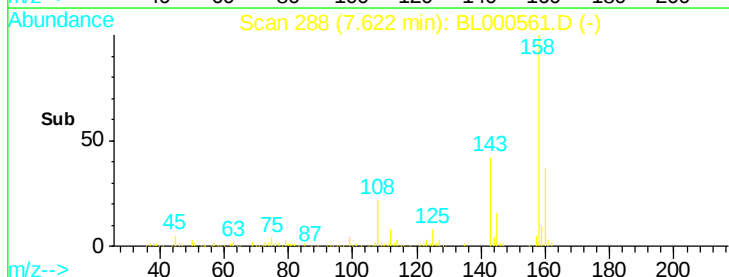
Abundance

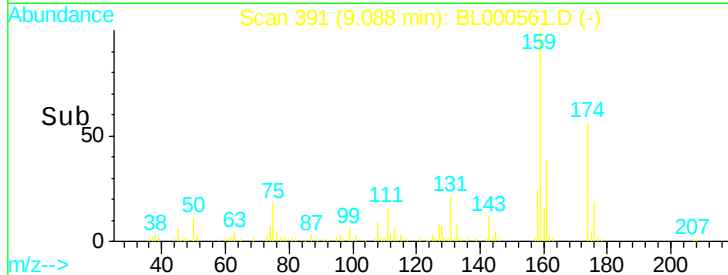
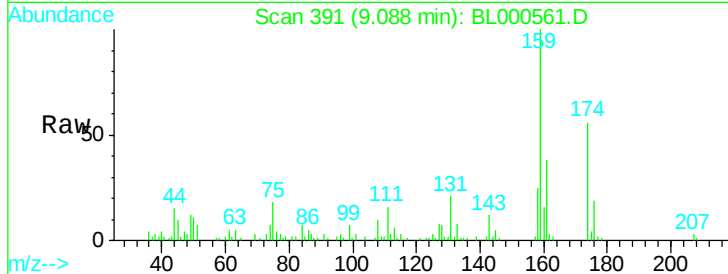
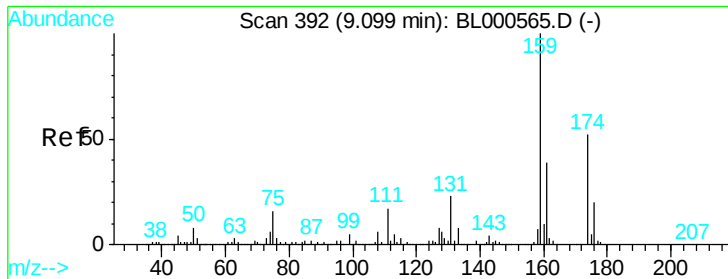
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

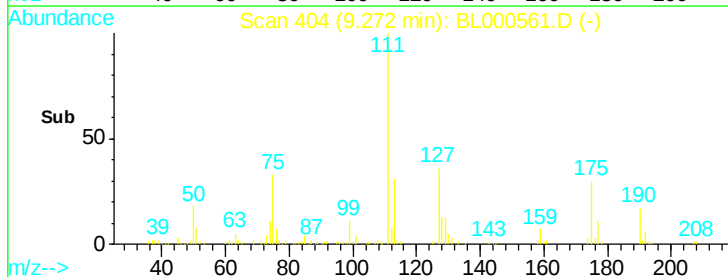
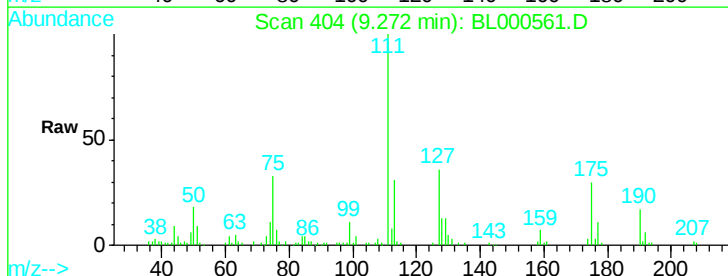
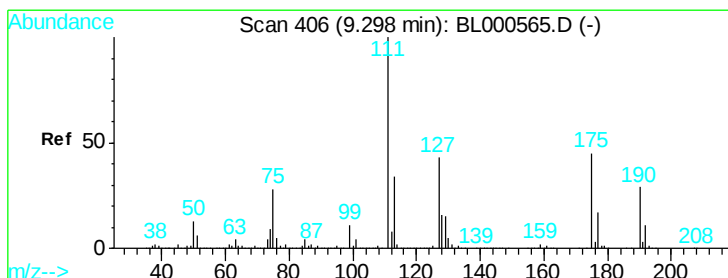
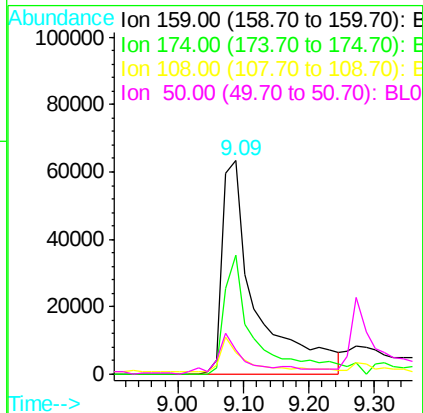
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.51 ug/mL
RT: 9.09 min Scan# 391
Delta R.T. 0.00 min
Lab File: BL000561.D
Acq: 15 Feb 2012 13:58

Tgt Ion:	159	Resp:	223780
Ion	Ratio	Lower	Upper
159	100		
174	51.1	30.4	70.4
108	13.3	0.0	27.6
50	17.8	0.0	33.2



#14
p-Chlorophenylmethylsulfone
Concen: 0.77 ug/mL
RT: 9.27 min Scan# 404
Delta R.T. -0.01 min
Lab File: BL000561.D
Acq: 15 Feb 2012 13:58

Tgt Ion:	111	Resp:	424077
Ion	Ratio	Lower	Upper
111	100		
75	32.6	9.9	49.9
127	35.8	21.9	61.9
190	17.4	5.3	45.3

