

Data File : H:\VOL1\GCMSDATA\L\120215\BL000560.D

Vial: 5

Acq On : 15 Feb 2012 13:40

Operator: HLM

Sample : CWA-3

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 15 14:56 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	1353804	2.00	ug/mL	0.00
6) Naphthalene-d8	7.08	136	4364155	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	8.09	99	552561	0.42	ug/mL	0.00
Spiked Amount 500.000	Range 70 - 130		Recovery	=	0.08%#	
12) 2-Bromothioanisole	8.40	204	745947	1.87	ug/mL	0.00
Spiked Amount 5000.000	Range 70 - 130		Recovery	=	0.04%#	

Target Compounds

					Ovalue
2) Dimethyl Disulfide	3.75	94	1006500	1.50	ug/mL 91
3) DMMP	4.57	79	208151	0.39	ug/mL 97
4) DIMP	5.95	97	474796	0.43	ug/mL 86
5) 1,4-Oxathiane	4.76	46	979526	1.52	ug/mL 83
7) 1,4-Dithiane	6.22	46	553917	1.55	ug/mL 95
8) Thiodiglycol	6.91	61	2514024	6.59	ug/mL 91
9) Benzothiazole	7.36	135	2830641	2.45	ug/mL 76
11) p-Chlorophenylmethyldisulfid	7.62	158	1974965	2.86	ug/mL 87
13) p-Chlorophenylmethyldisulfox	9.08	159	683104	1.69	ug/mL 99
14) p-Chlorophenylmethyldisulfon	9.28	111	1074511	2.10	ug/mL 95

Data File : H:\VOL1\GCMSDATA\L\120215\BL000560.D

Vial: 5

Acq On : 15 Feb 2012 13:40

Operator: HLM

Sample : CWA-3

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 15 14:56 2012

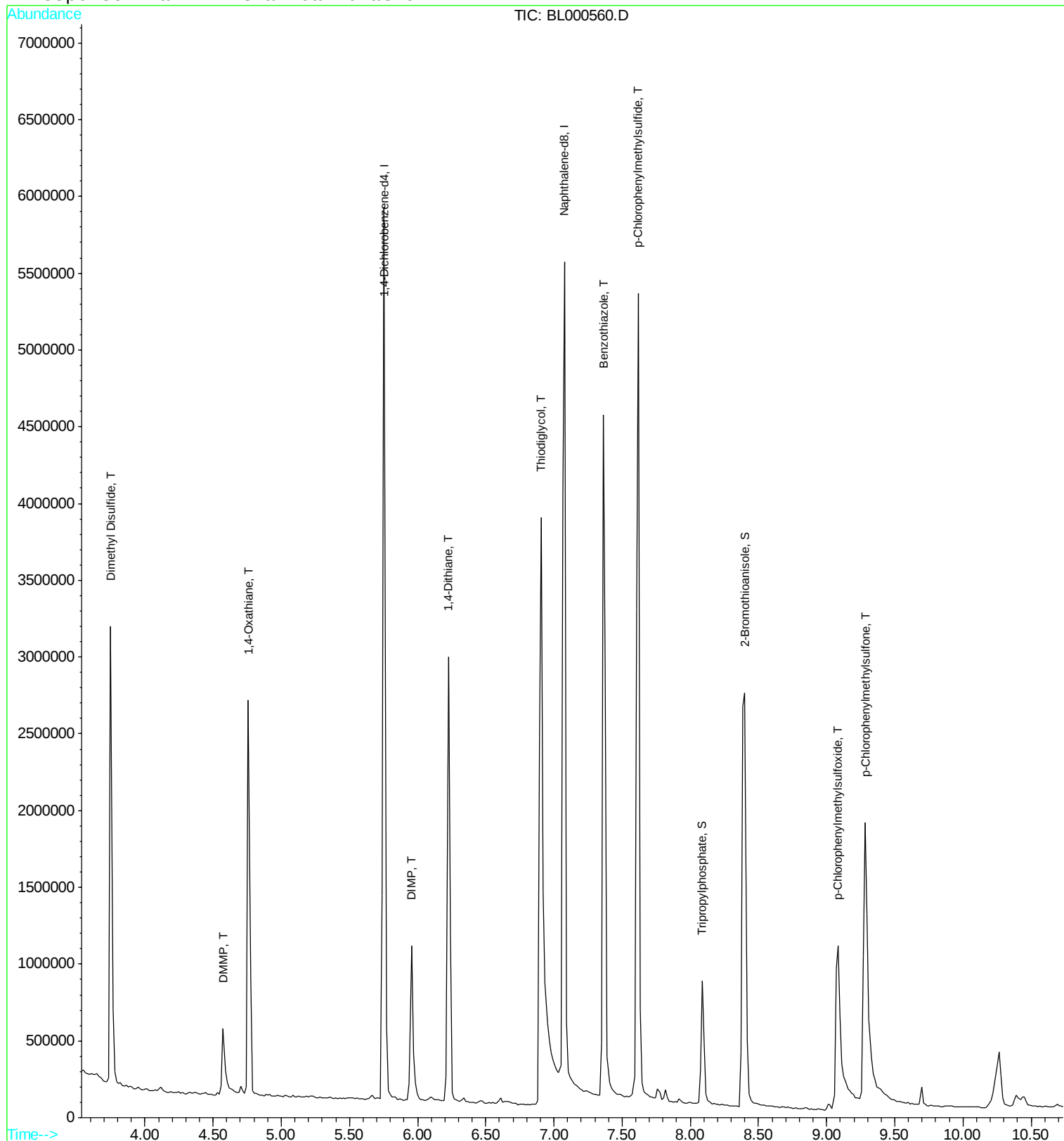
Quant Results File: BL021512.RES

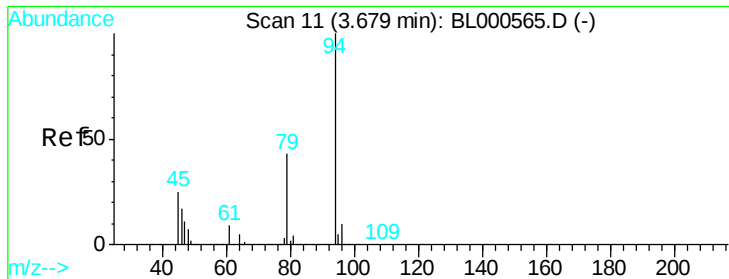
Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.50 ug/mL

RT: 3.75 min Scan# 16

Delta R.T. -0.00 min

Lab File: BL000560.D

Acq: 15 Feb 2012 13:40

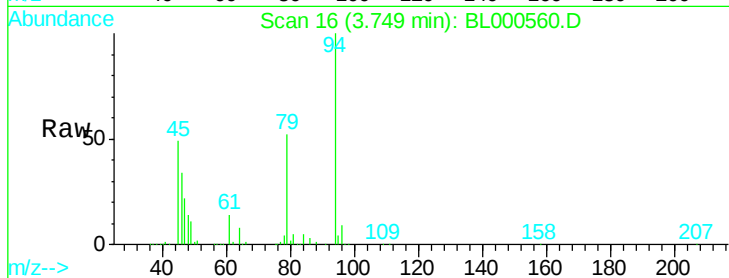
Tgt Ion: 94 Resp: 1006500

Ion Ratio Lower Upper

94 100

45 48.7 37.9 77.9

79 51.8 36.3 76.3

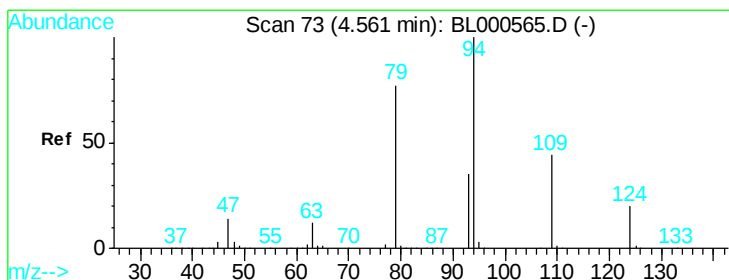
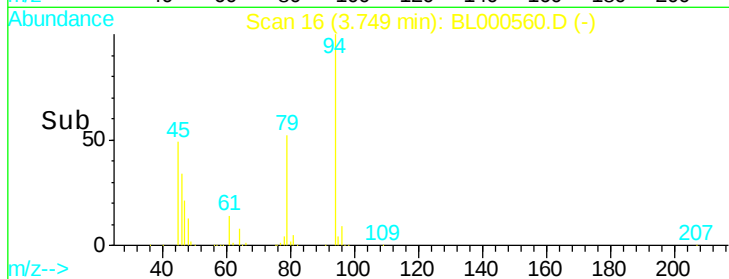
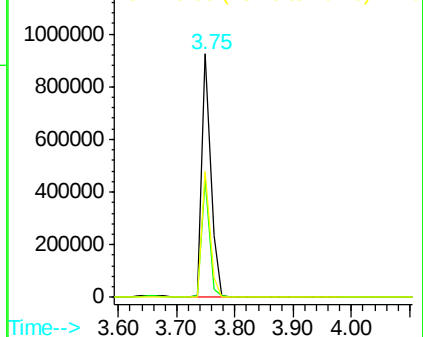


Abundance

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: 0.39 ug/mL

RT: 4.57 min Scan# 74

Delta R.T. -0.00 min

Lab File: BL000560.D

Acq: 15 Feb 2012 13:40

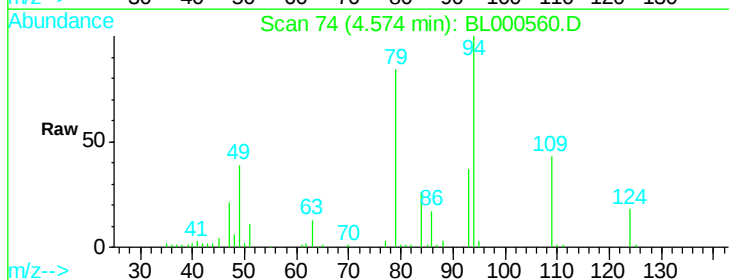
Tgt Ion: 79 Resp: 208151

Ion Ratio Lower Upper

79 100

94 119.5 98.3 138.3

109 51.6 26.6 66.6

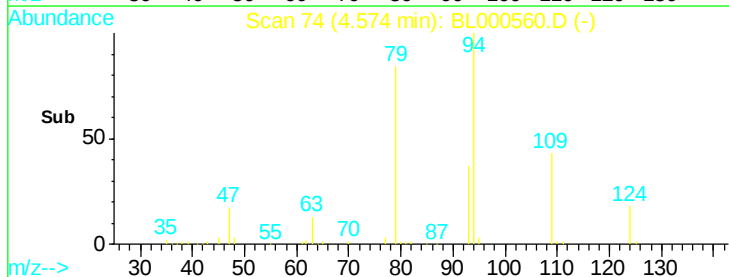
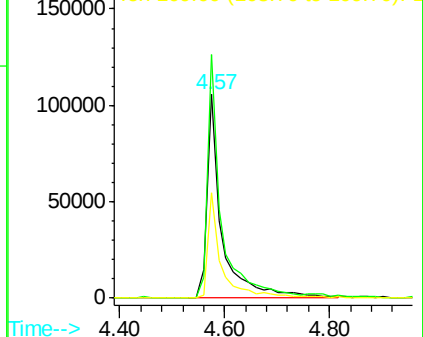


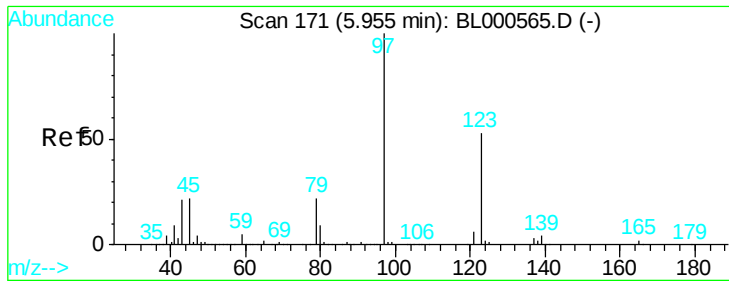
Abundance

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: 0.43 ug/mL

RT: 5.95 min Scan# 171

Delta R.T. -0.00 min

Lab File: BL000560.D

Acq: 15 Feb 2012 13:40

Tgt Ion: 97 Resp: 474796

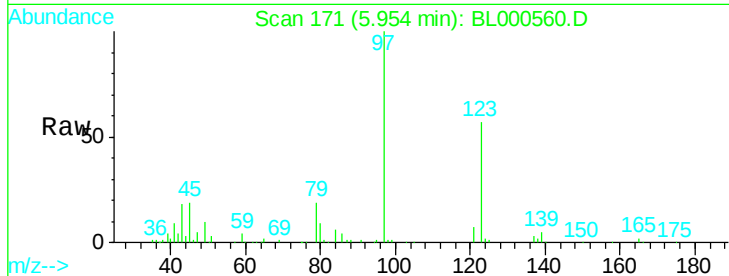
Ion Ratio Lower Upper

97 100

123 56.9 48.8 88.8

43 17.6 0.0 32.3

41 8.6 0.0 25.6

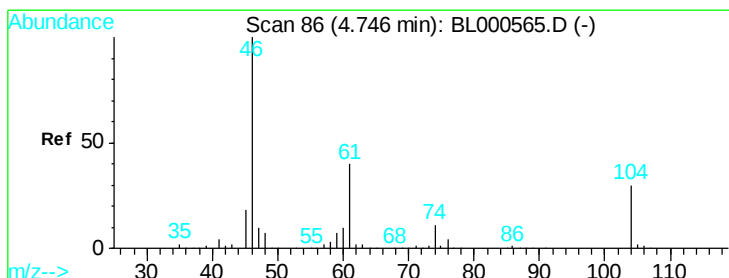
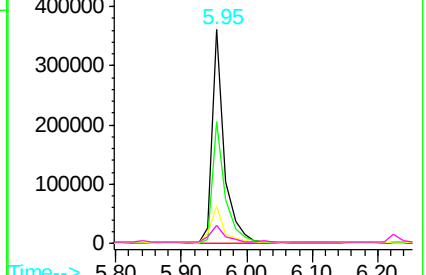
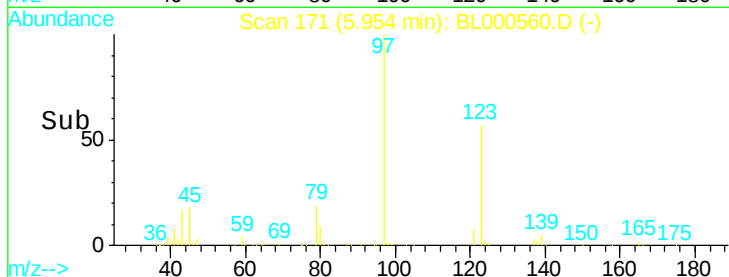


Abundance Ion 97.00 (96.70 to 97.70): BL0

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



#5

1,4-Oxathiane

Concen: 1.52 ug/mL

RT: 4.76 min Scan# 87

Delta R.T. -0.02 min

Lab File: BL000560.D

Acq: 15 Feb 2012 13:40

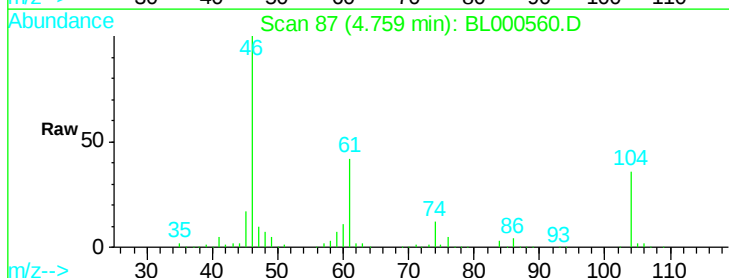
Tgt Ion: 46 Resp: 979526

Ion Ratio Lower Upper

46 100

61 42.1 29.6 69.6

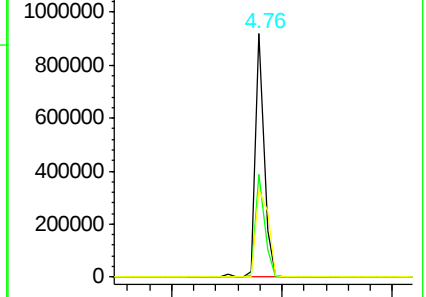
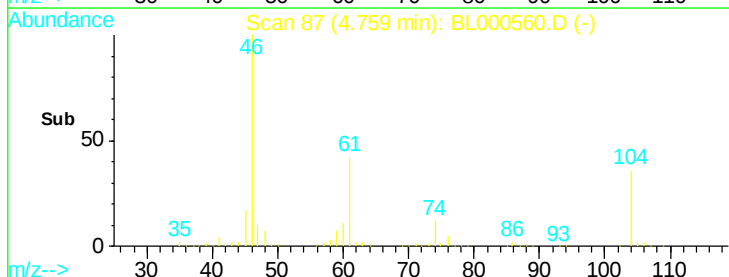
104 36.2 32.6 72.6

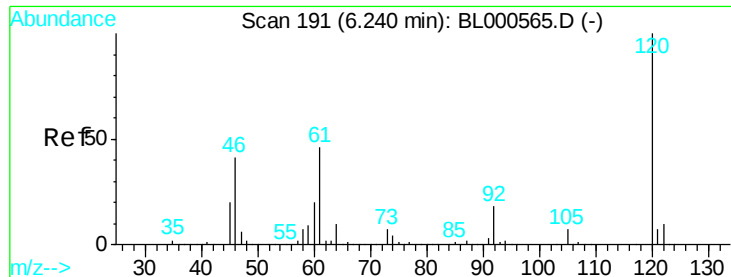


Abundance Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 104.00 (103.70 to 104.70): BL0





#7

1,4-Dithiane

Concen: 1.55 ug/mL

RT: 6.22 min Scan# 190

Delta R.T. -0.00 min

Lab File: BL000560.D

Acq: 15 Feb 2012 13:40

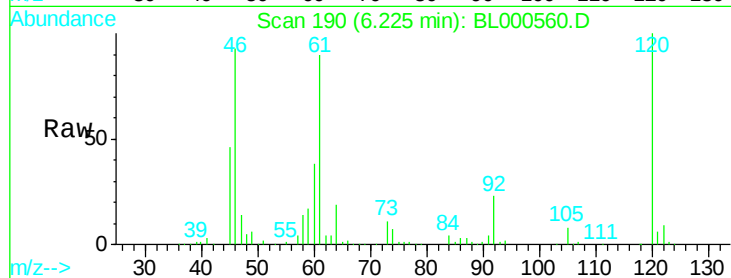
Tgt Ion: 46 Resp: 553917

Ion Ratio Lower Upper

46 100

61 97.4 74.1 114.1

120 108.0 81.1 121.1

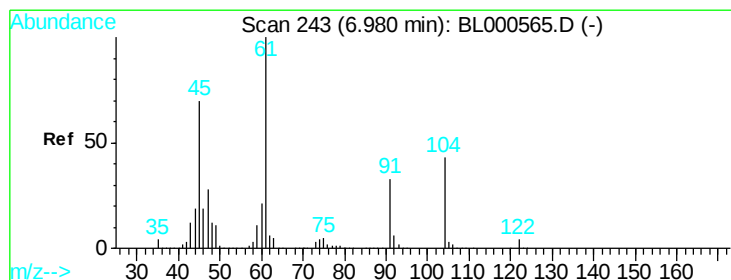
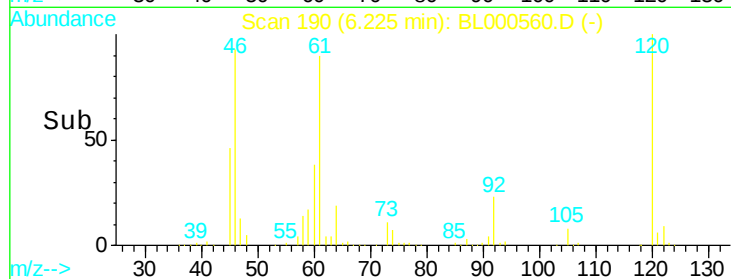
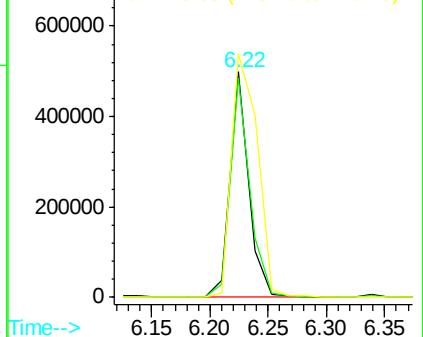


Abundance

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: 6.59 ug/mL

RT: 6.91 min Scan# 238

Delta R.T. -0.05 min

Lab File: BL000560.D

Acq: 15 Feb 2012 13:40

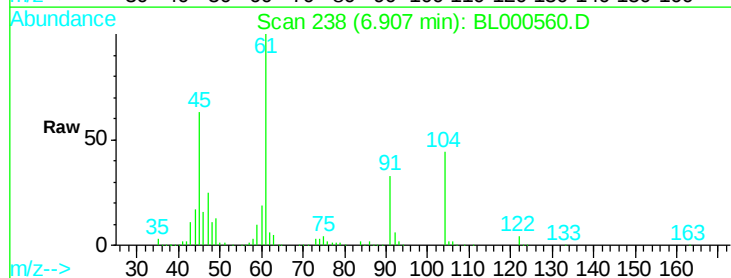
Tgt Ion: 61 Resp: 2514024

Ion Ratio Lower Upper

61 100

45 63.0 50.8 90.8

47 25.3 9.0 49.0

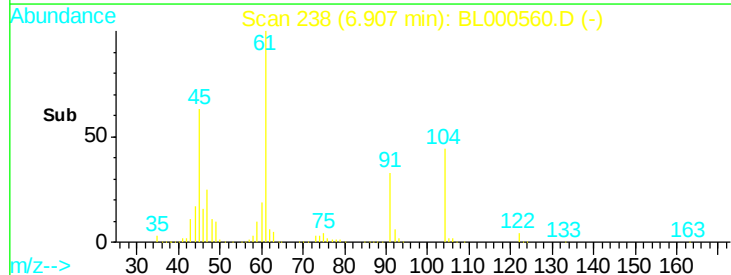
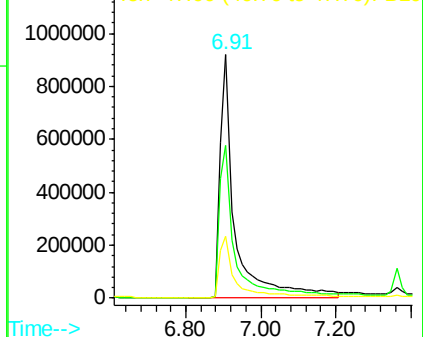


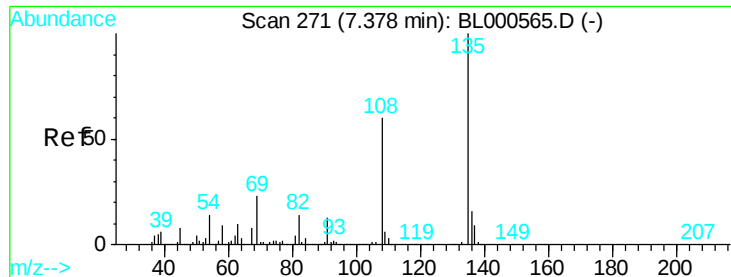
Abundance

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: 2.45 ug/mL

RT: 7.36 min Scan# 270

Delta R.T. -0.00 min

Lab File: BL000560.D

Acq: 15 Feb 2012 13:40

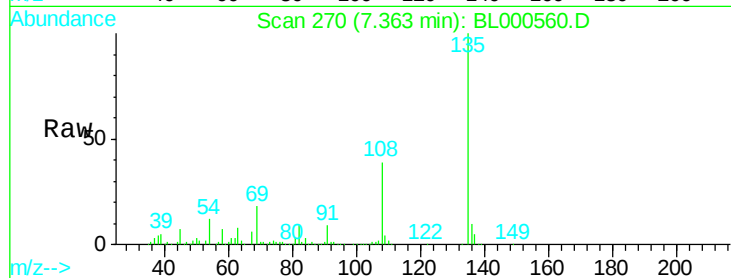
Tgt Ion:135 Resp: 2830641

Ion Ratio Lower Upper

135 100

108 38.8 38.8 78.8

69 17.5 5.9 45.9

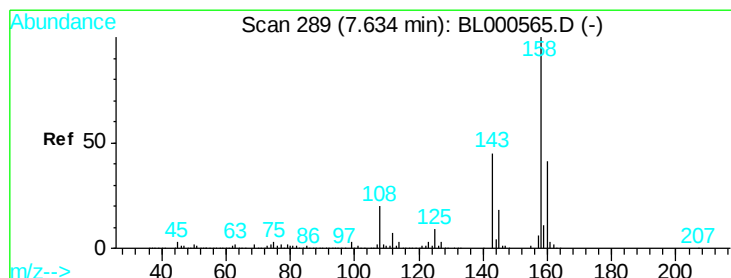
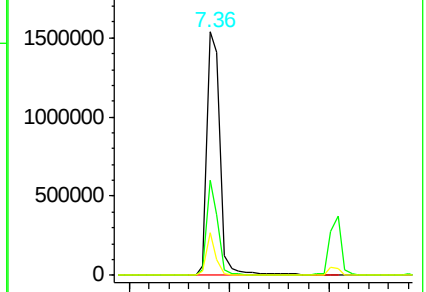
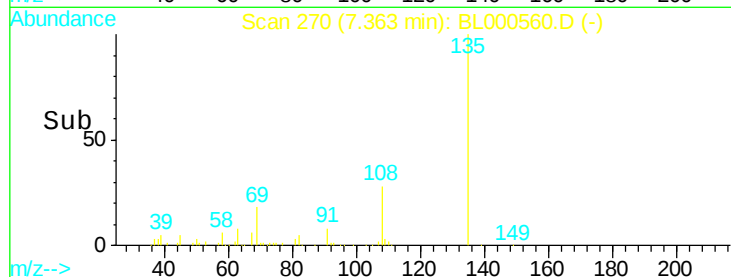


Abundance

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: 2.86 ug/mL

RT: 7.62 min Scan# 288

Delta R.T. -0.00 min

Lab File: BL000560.D

Acq: 15 Feb 2012 13:40

Tgt Ion:158 Resp: 1974965

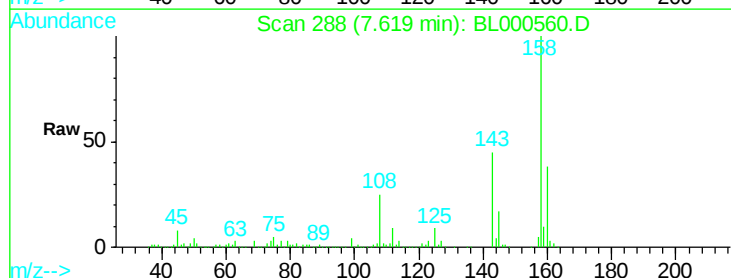
Ion Ratio Lower Upper

158 100

143 44.5 36.0 76.0

108 25.3 10.7 50.7

45 7.9 0.0 26.7



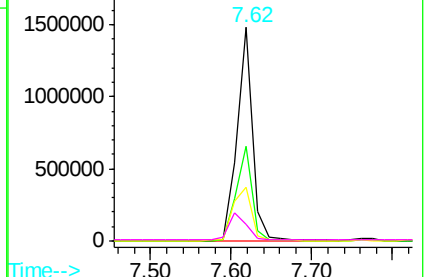
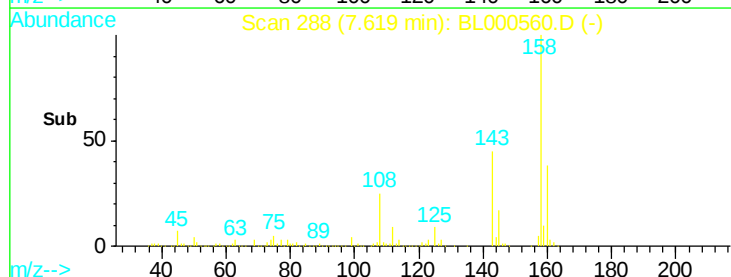
Abundance

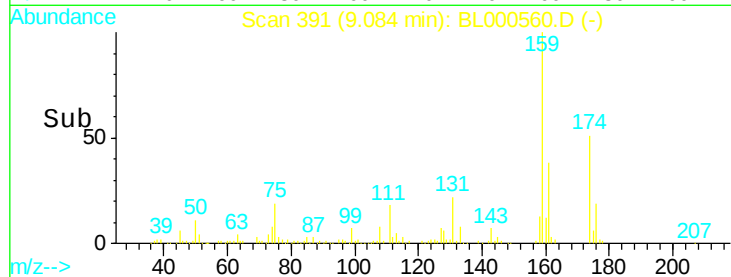
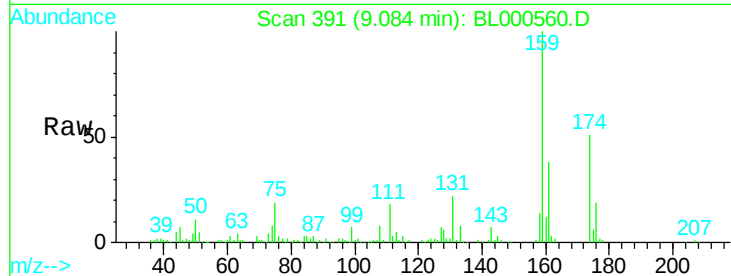
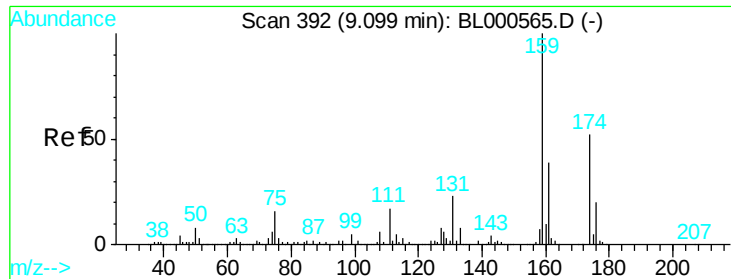
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

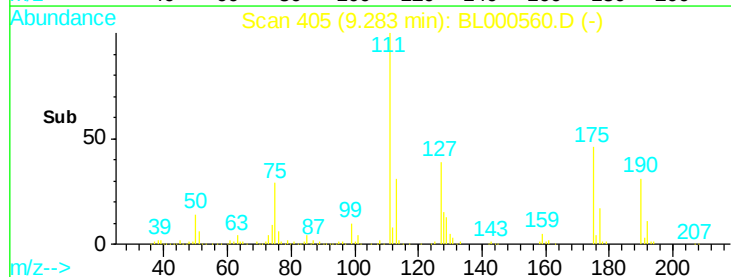
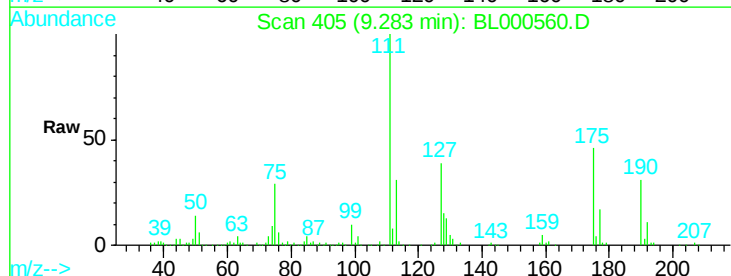
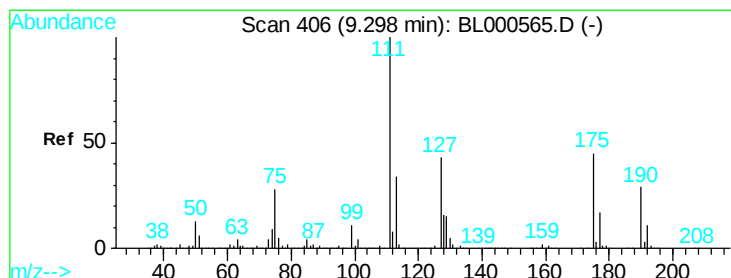
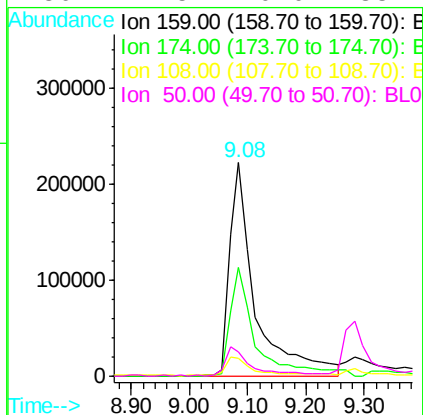
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 1.69 ug/mL
RT: 9.08 min Scan# 391
Delta R.T. -0.00 min
Lab File: BL000560.D
Acq: 15 Feb 2012 13:40

Tgt Ion:	159	Resp:	683104
Ion	Ratio	Lower	Upper
159	100		
174	50.6	30.4	70.4
108	9.2	0.0	27.6
50	14.5	0.0	33.2



#14
p-Chlorophenylmethylsulfone
Concen: 2.10 ug/mL
RT: 9.28 min Scan# 405
Delta R.T. -0.00 min
Lab File: BL000560.D
Acq: 15 Feb 2012 13:40

Tgt Ion:	111	Resp:	1074511
Ion	Ratio	Lower	Upper
111	100		
75	29.2	9.9	49.9
127	39.3	21.9	61.9
190	30.8	5.3	45.3

