

Data File : H:\VOL1\GCMSDATA\L\120216\BL000565.D

Vial: 2

Acq On : 16 Feb 2012 15:02

Operator: HLM

Sample : CWA-4

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 17 9:59 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 : Fri Feb 17 10:01:50 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	1426174	2.00	ug/mL	0.00
6) Naphthalene-d8	7.08	136	4881199	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	8.10	99	3921784	2.78	ug/mL	0.00
Spiked Amount 500.000	Range 70 - 130		Recovery	=	0.56%#	
12) 2-Bromothioanisole	8.40	204	3854063	12.32	ug/mL	0.00
Spiked Amount 5000.000	Range 70 - 130		Recovery	=	0.25%#	

Target Compounds

					Ovalue
2) Dimethyl Disulfide	3.68	94	5285301	6.39	ug/mL 100
3) DMMP	4.56	79	1211446	2.29	ug/mL 100
4) DIMP	5.96	97	3290018	2.86	ug/mL 100
5) 1,4-Oxathiane	4.75	46	4549514	5.97	ug/mL 100
7) 1,4-Dithiane	6.24	46	2809916	6.08	ug/mL 100
8) Thiodiglycol	6.98	61	21098981	52.97	ug/mL 100
9) Benzothiazole	7.38	135	11457086	17.36	ug/mL 100
11) p-Chlorophenylmethyldisulfide	7.63	158	9553911	12.84	ug/mL 100
13) p-Chlorophenylmethyldisulfox	9.10	159	6131957	19.11	ug/mL 100
14) p-Chlorophenylmethyldisulfon	9.30	111	6839953	14.64	ug/mL 100

Quantitation Report

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Quant Time: Feb 17 9:59 2012

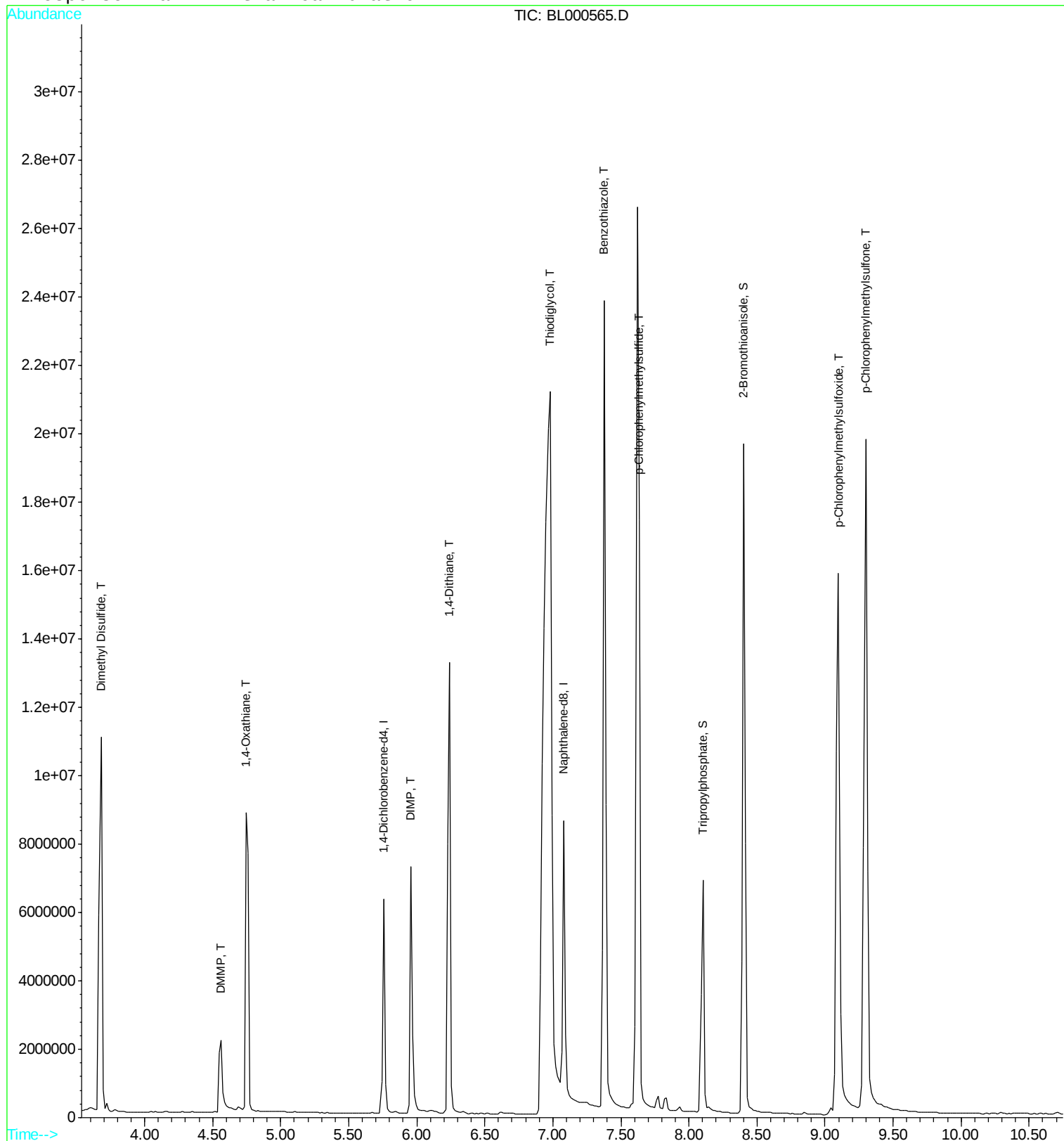
Quant Results File: BL021512.RES

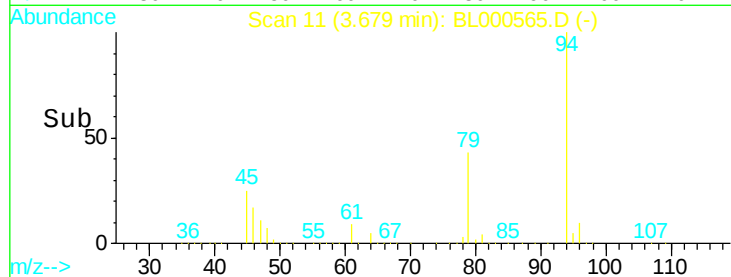
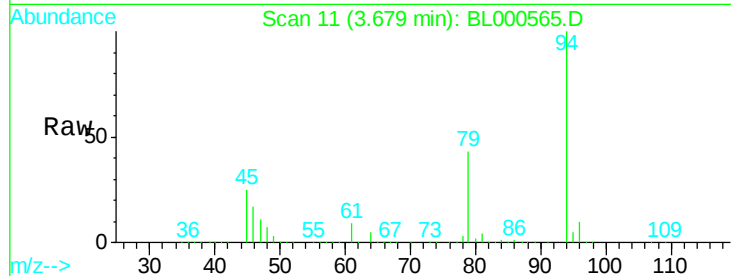
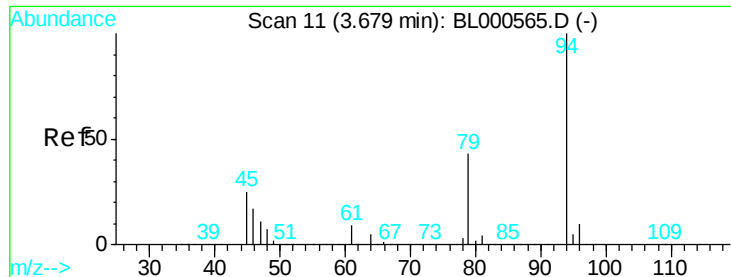
Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 6.39 ug/mL

RT: 3.68 min Scan# 11

Delta R.T. 0.00 min

Lab File: BL000565.D

Acq: 16 Feb 2012 15:02

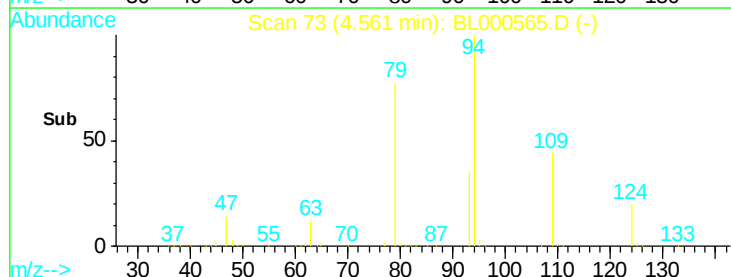
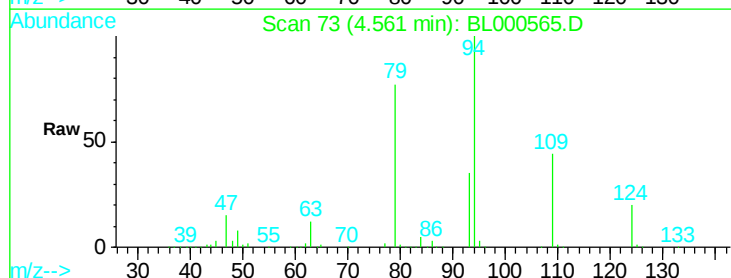
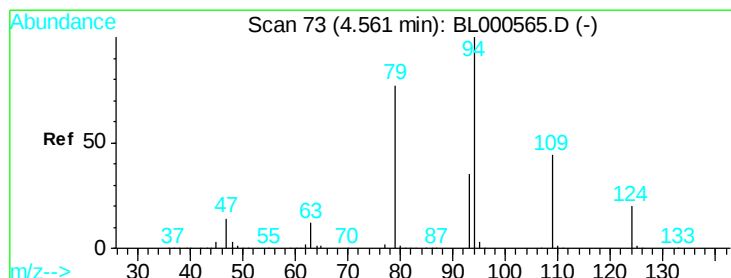
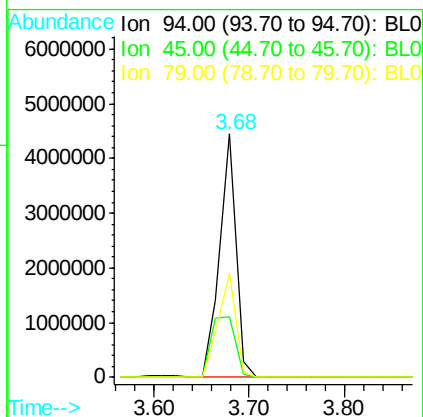
Tgt Ion: 94 Resp: 5285301

Ion Ratio Lower Upper

94 100

45 24.8 4.8 44.8

79 42.7 22.7 62.7



#3

DMMP

Concen: 2.29 ug/mL

RT: 4.56 min Scan# 73

Delta R.T. 0.00 min

Lab File: BL000565.D

Acq: 16 Feb 2012 15:02

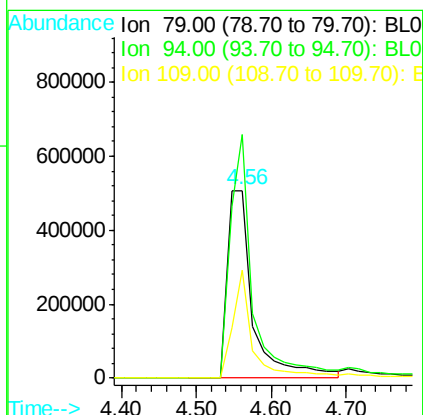
Tgt Ion: 79 Resp: 1211446

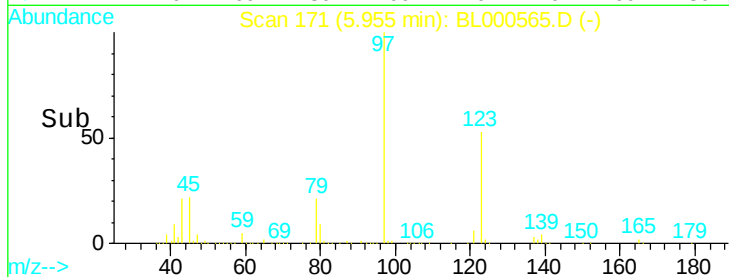
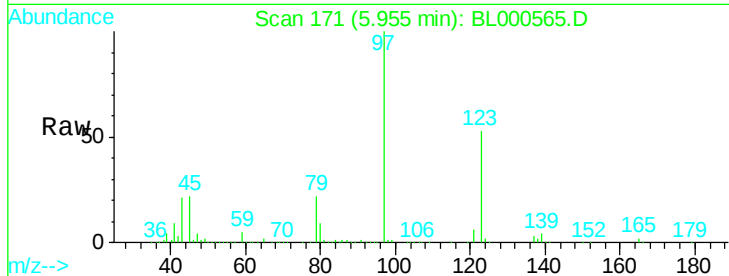
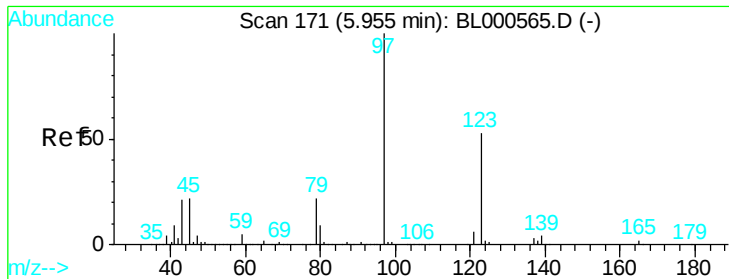
Ion Ratio Lower Upper

79 100

94 130.0 110.0 150.0

109 57.7 37.7 77.7





#4

DIMP

Concen: 2.86 ug/mL

RT: 5.96 min Scan# 171

Delta R.T. 0.00 min

Lab File: BL000565.D

Acq: 16 Feb 2012 15:02

Tgt Ion: 97 Resp: 3290018

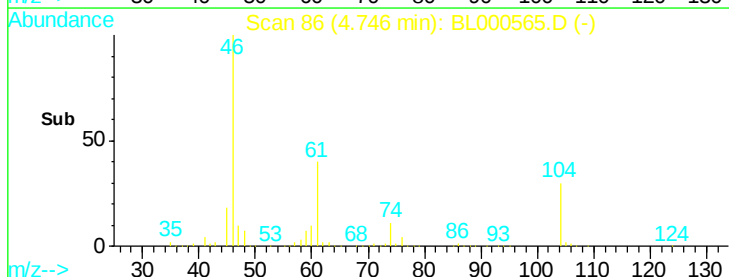
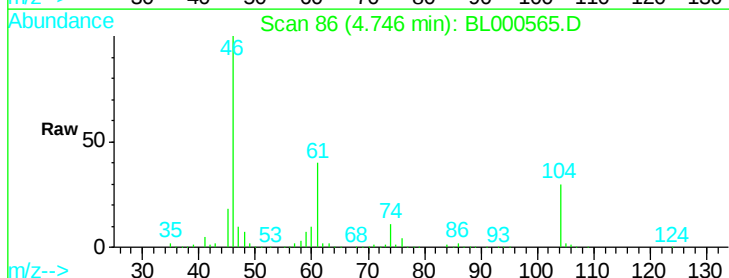
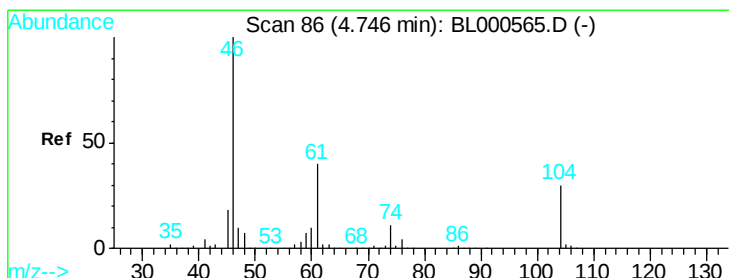
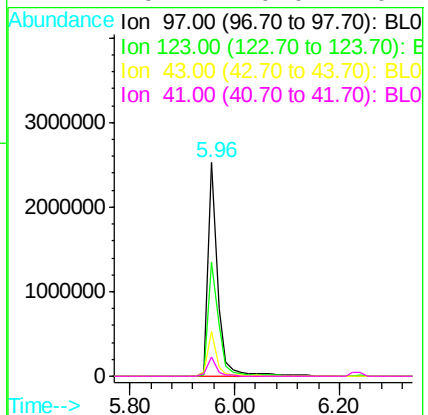
Ion Ratio Lower Upper

97 100

123 53.3 33.3 73.3

43 20.8 0.8 40.8

41 9.2 0.0 29.2



#5

1,4-Oxathiane

Concen: 5.97 ug/mL

RT: 4.75 min Scan# 86

Delta R.T. 0.00 min

Lab File: BL000565.D

Acq: 16 Feb 2012 15:02

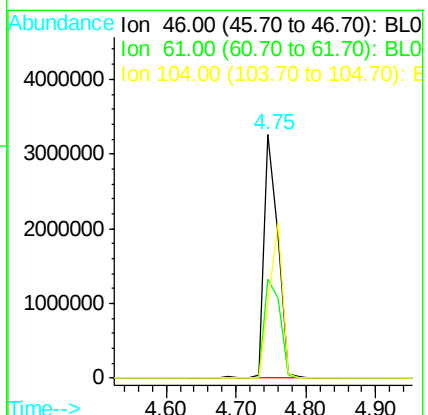
Tgt Ion: 46 Resp: 4549514

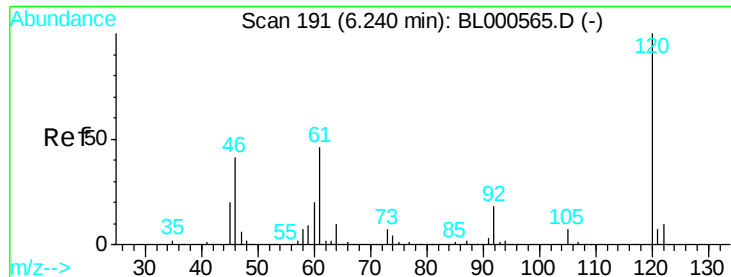
Ion Ratio Lower Upper

46 100

61 40.5 20.5 60.5

104 30.5 10.5 50.5





#7

1,4-Dithiane

Concen: 6.08 ug/mL

RT: 6.24 min Scan# 191

Delta R.T. 0.00 min

Lab File: BL000565.D

Acq: 16 Feb 2012 15:02

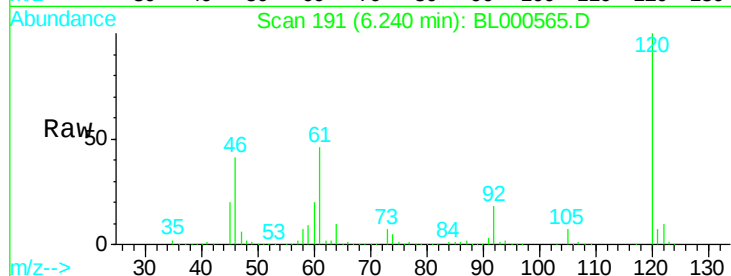
Tgt Ion: 46 Resp: 2809916

Ion Ratio Lower Upper

46 100

61 112.6 92.6 132.6

120 243.6 223.6 263.6

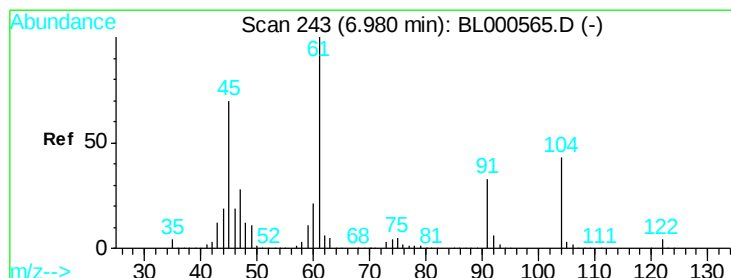
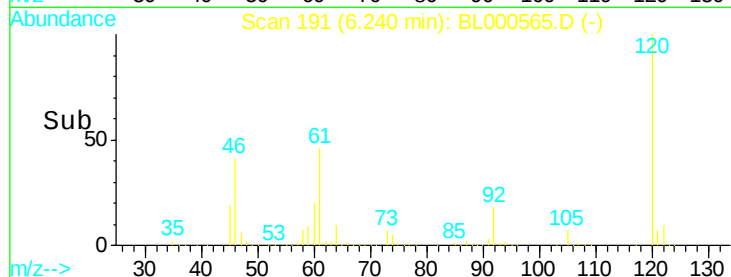
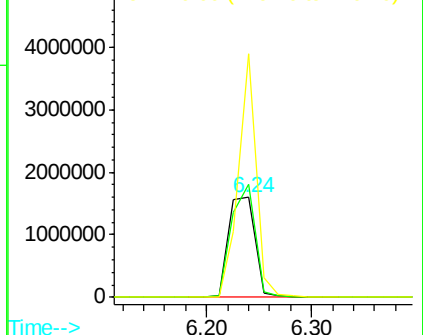


Abundance

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: 52.97 ug/mL

RT: 6.98 min Scan# 243

Delta R.T. 0.00 min

Lab File: BL000565.D

Acq: 16 Feb 2012 15:02

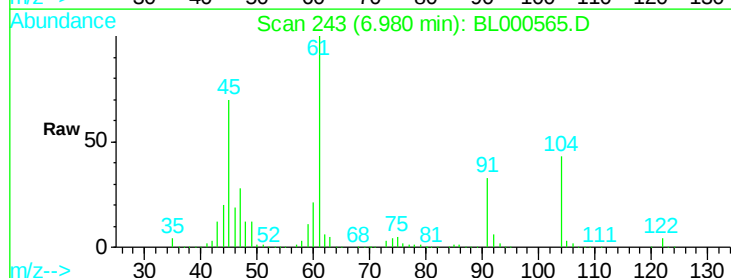
Tgt Ion: 61 Resp: 21098981

Ion Ratio Lower Upper

61 100

45 69.8 49.8 89.8

47 27.9 7.9 47.9

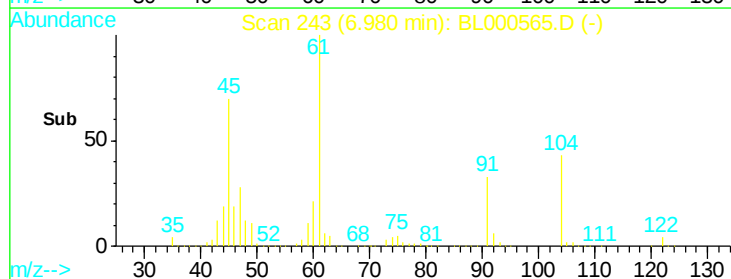
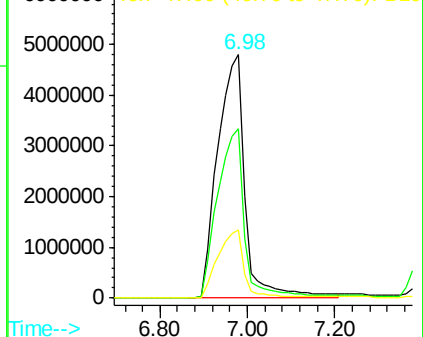


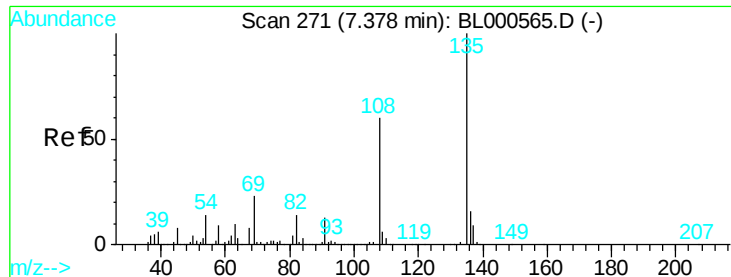
Abundance

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: 17.36 ug/mL

RT: 7.38 min Scan# 271

Delta R.T. 0.00 min

Lab File: BL000565.D

Acq: 16 Feb 2012 15:02

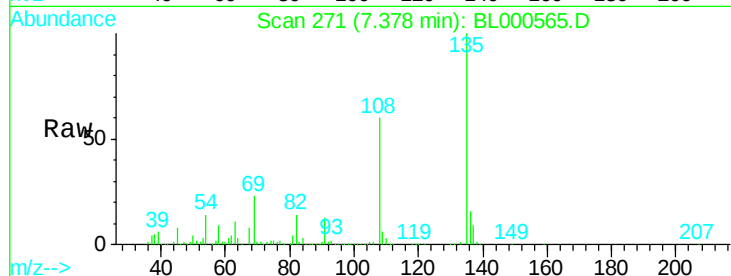
Tgt Ion:135 Resp:11457086

Ion Ratio Lower Upper

135 100

108 60.1 40.1 80.1

69 23.2 3.2 43.2

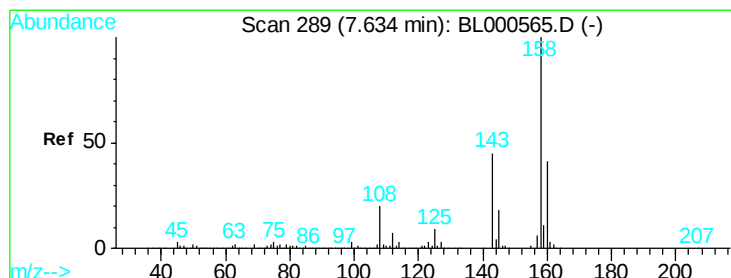
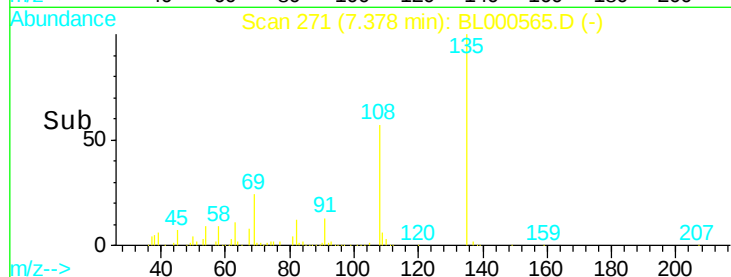
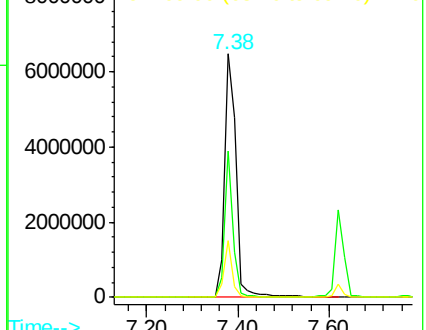


Abundance

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: 12.84 ug/mL

RT: 7.63 min Scan# 289

Delta R.T. 0.00 min

Lab File: BL000565.D

Acq: 16 Feb 2012 15:02

Tgt Ion:158 Resp: 9553911

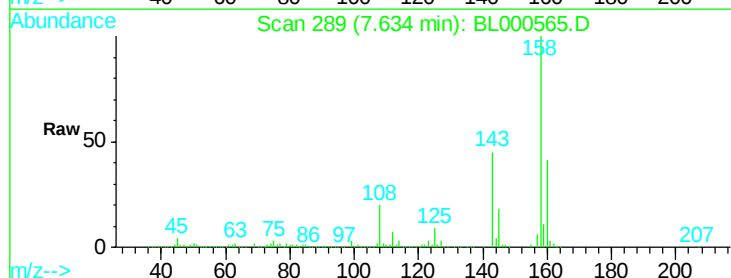
Ion Ratio Lower Upper

158 100

143 45.2 25.2 65.2

108 20.2 0.2 40.2

45 3.9 0.0 23.9



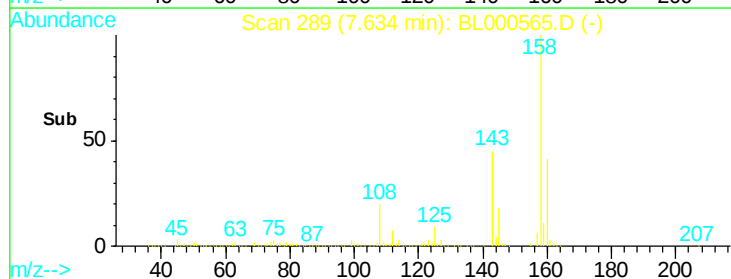
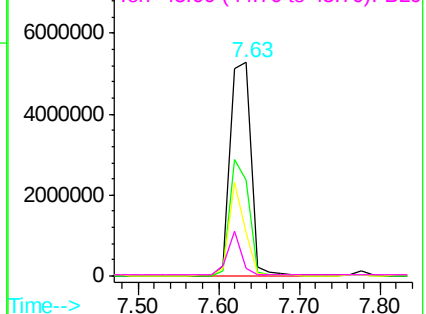
Abundance

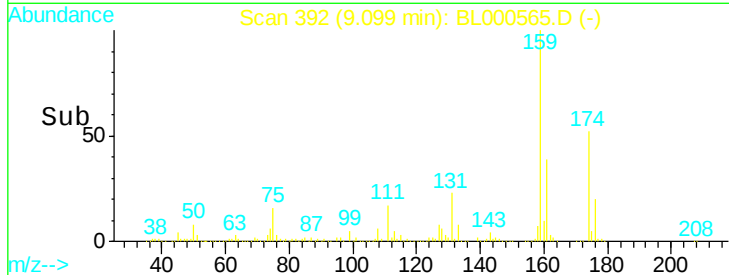
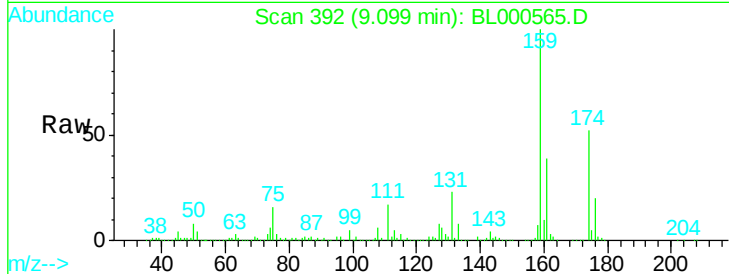
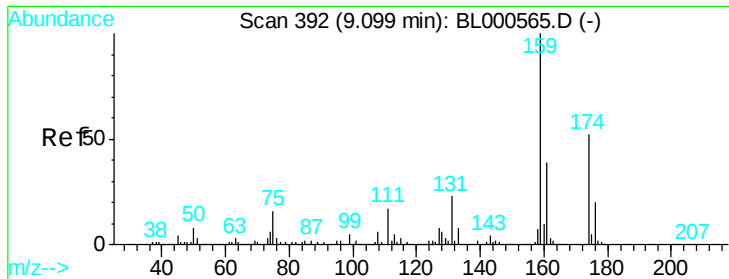
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

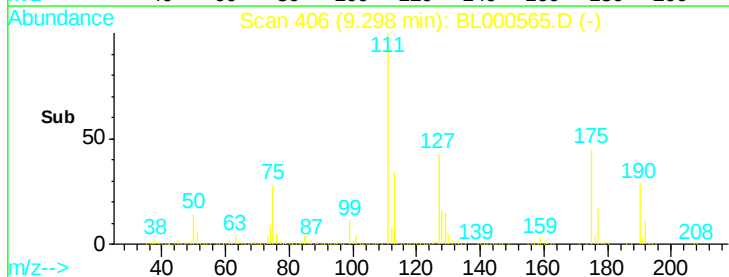
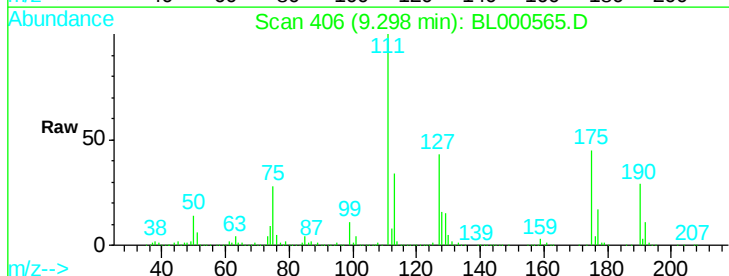
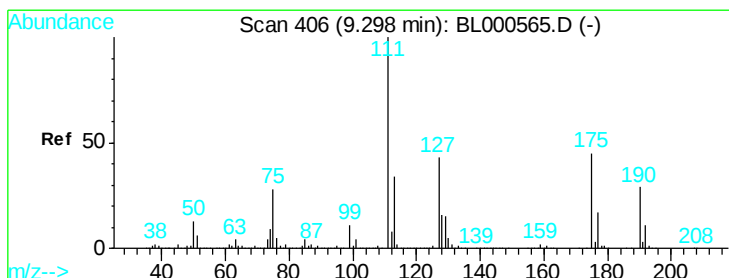
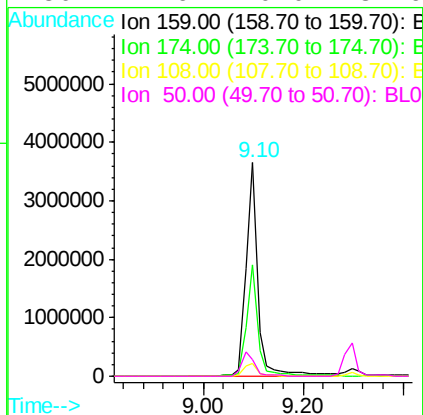
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 19.11 ug/mL
RT: 9.10 min Scan# 392
Delta R.T. 0.00 min
Lab File: BL000565.D
Acq: 16 Feb 2012 15:02

Tgt Ion:159 Resp: 6131957
Ion Ratio Lower Upper
159 100
174 50.8 30.8 70.8
108 7.0 0.0 27.0
50 12.6 0.0 32.6



#14
p-Chlorophenylmethylsulfone
Concen: 14.64 ug/mL
RT: 9.30 min Scan# 406
Delta R.T. 0.00 min
Lab File: BL000565.D
Acq: 16 Feb 2012 15:02

Tgt Ion:111 Resp: 6839953
Ion Ratio Lower Upper
111 100
75 28.0 8.0 48.0
127 43.3 23.3 63.3
190 28.7 8.7 48.7

