

Data Path : Z:\HPCHEM1\BNA_L\data\BL021612\
 Data File : BL000576.D
 Acq On : 16 Feb 2012 18:19
 Operator : HLM
 Sample : D1391-01
 Misc : WATER BNA_L HLM
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 06:52:35 2012
 Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Feb 17 10:01:50 2012
 Response via : Initial Calibration

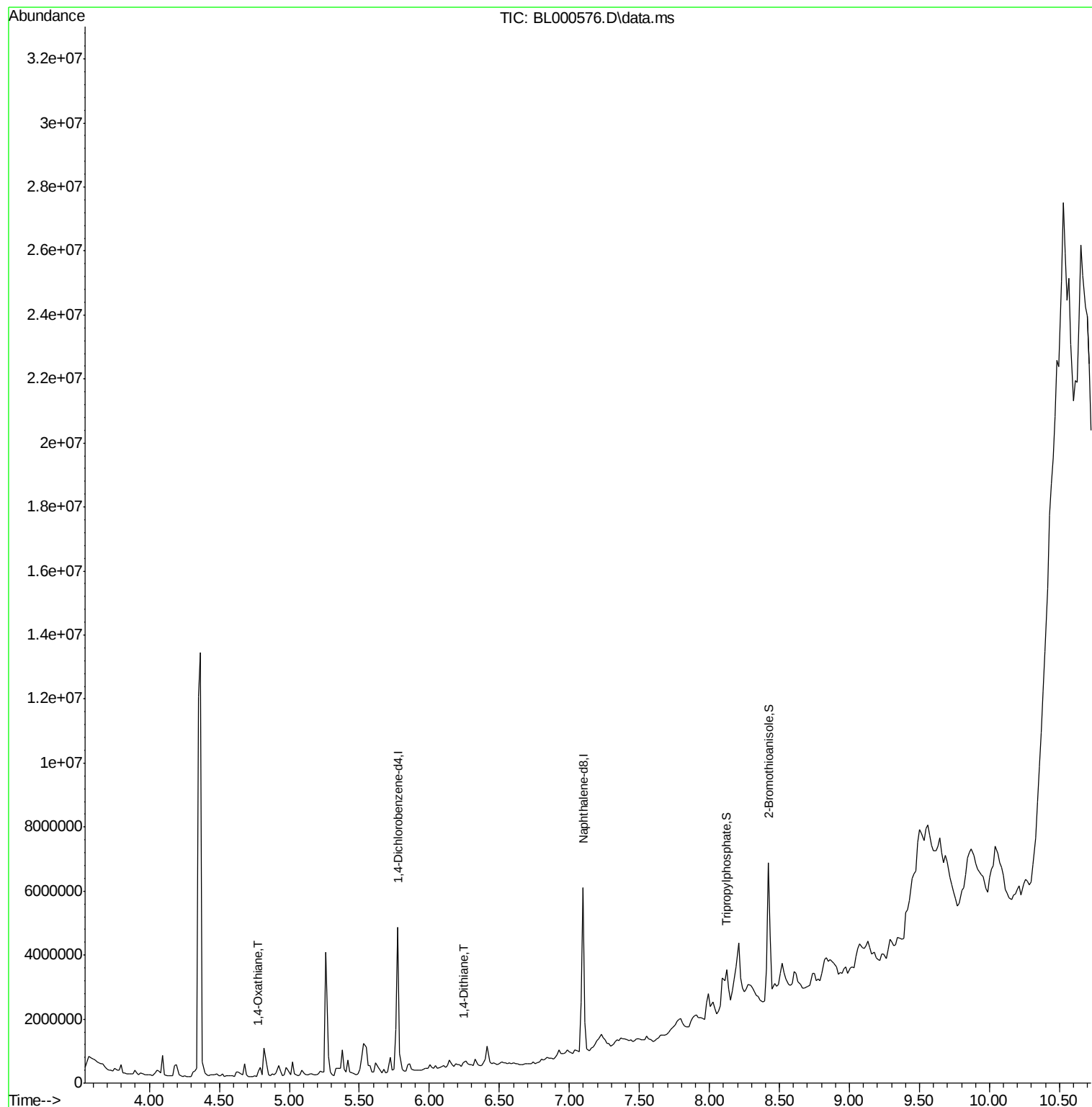
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

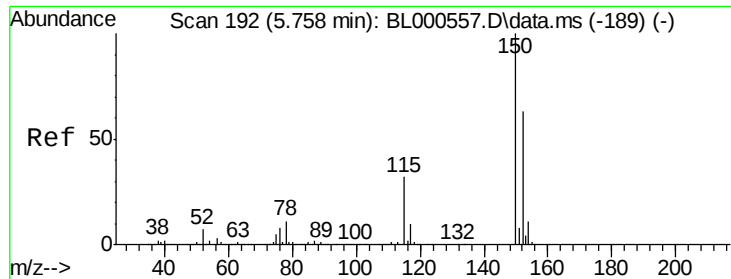
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.775	152	1075674	2.00	ug/mL	0.02
6) Naphthalene-d8	7.098	136	3353174	2.00	ug/mL	0.02
System Monitoring Compounds						
10) Tripropylphosphate	8.122	99	492449m	0.52	ug/mL	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery	=	104.00%	
12) 2-Bromothioanisole	8.421	204	1073721	4.99	ug/mL	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery	=	99.80%	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	0.000		0	N.D.	d	
3) DMMP	0.000		0	N.D.	d	
4) DIMP	0.000		0	N.D.	d	
5) 1,4-Oxathiane	4.779	46	18533	0.03	ug/mL	85
7) 1,4-Dithiane	6.244	46	26283	0.08	ug/mL#	35
8) Thiodiglycol	0.000		0	N.D.	d	
9) Benzothiazole	0.000		0	N.D.	d	
11) p-Chlorophenylmethyisu...	0.000		0	N.D.	d	
13) p-Chlorophenylmethyisu...	0.000		0	N.D.	d	
14) p-Chlorophenylmethyisu...	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_L\data\BL021612\
Data File : BL000576.D
Acq On : 16 Feb 2012 18:19
Operator : HLM
Sample : D1391-01
Misc : WATER BNA_L HLM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 06:52:35 2012
Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M
Quant Title : CWA degradation products by GCMS
QLast Update : Fri Feb 17 10:01:50 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 5.775 min Scan# 158

Delta R.T. 0.019 min

Lab File: BL000576.D

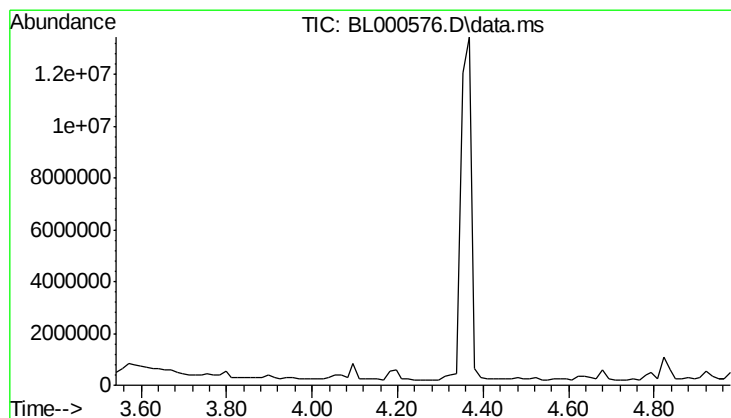
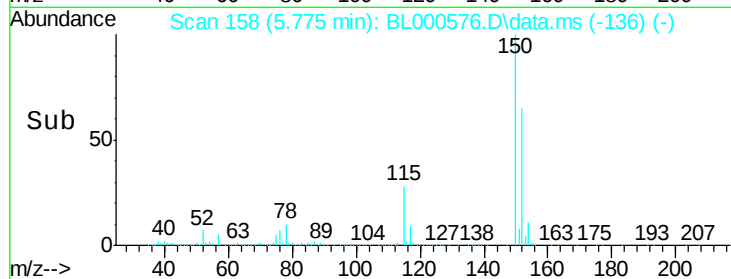
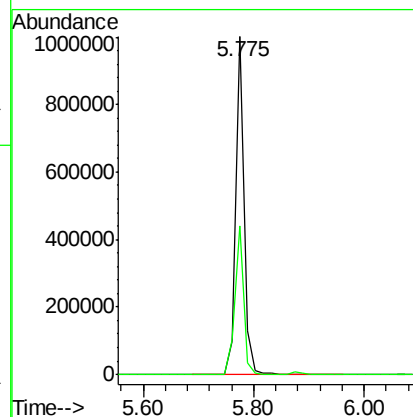
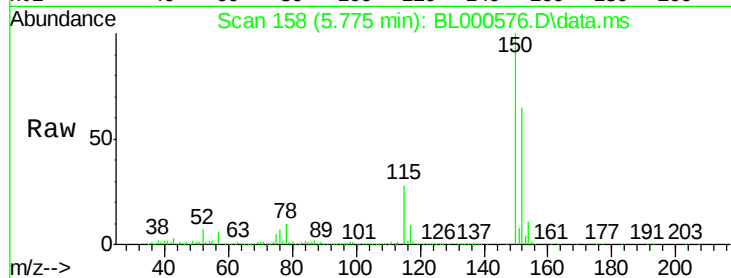
Acq: 16 Feb 2012 18:19

Tgt Ion:152 Resp: 1075674

Ion Ratio Lower Upper

152 100

115 43.9 32.2 72.2



#2

Dimethyl Disulfide

Concen: N.D.

Expected RT: 3.68 min

Lab File: BL000576.D

Acq: 16 Feb 2012 18:19

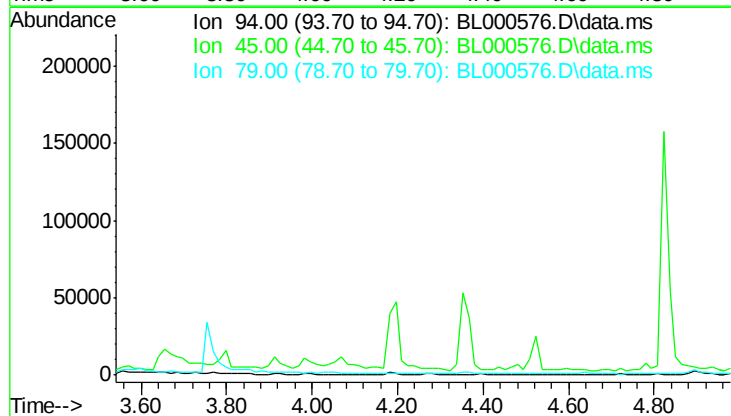
Tgt Ion: 94

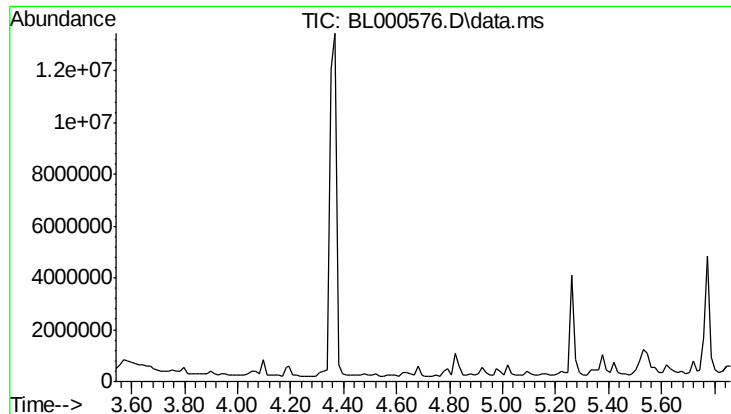
Sig Exp Ratio

94 100

45 24.8

79 42.7





#3

DMMP

Concen: N.D.

Expected RT: 4.56 min

Lab File: BL000576.D

Acq: 16 Feb 2012 18:19

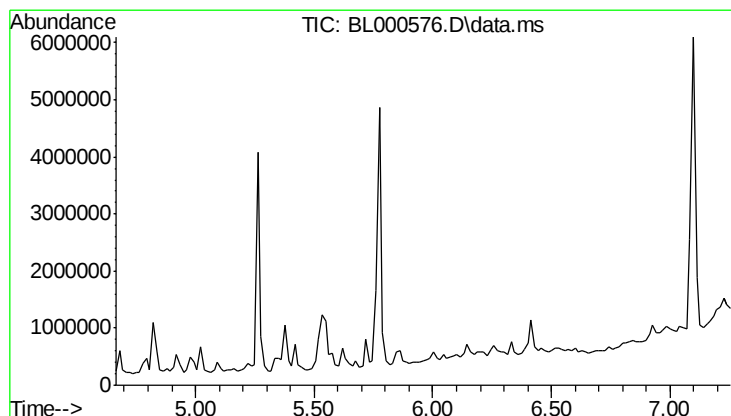
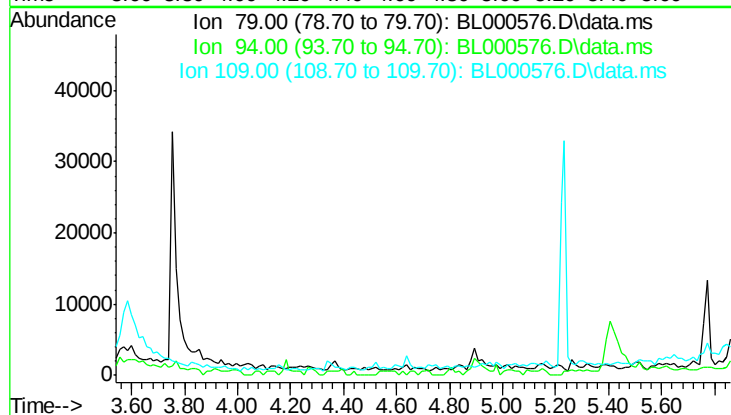
Tgt Ion: 79

Sig Exp Ratio

79 100

94 130.0

109 57.7



#4

DIMP

Concen: N.D.

Expected RT: 5.96 min

Lab File: BL000576.D

Acq: 16 Feb 2012 18:19

Tgt Ion: 97

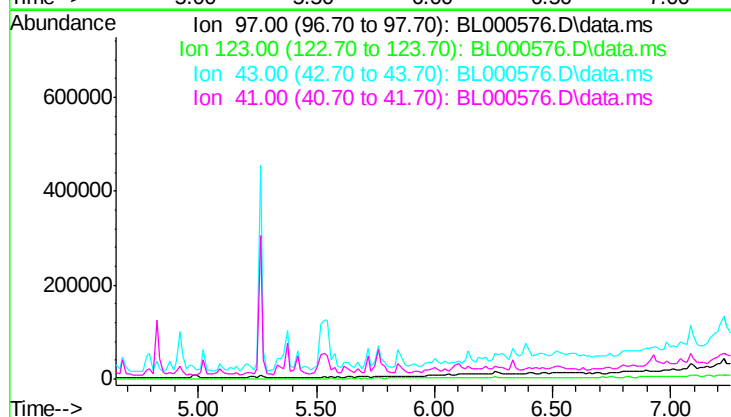
Sig Exp Ratio

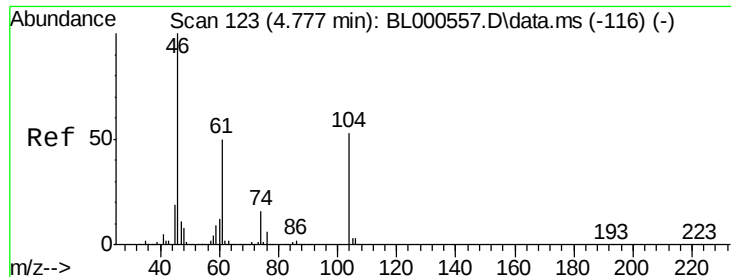
97 100

123 53.3

43 20.8

41 9.2





#5

1,4-Oxathiane

Concen: 0.03 ug/mL

RT: 4.779 min Scan# 88

Delta R.T. 0.033 min

Lab File: BL000576.D

Acq: 16 Feb 2012 18:19

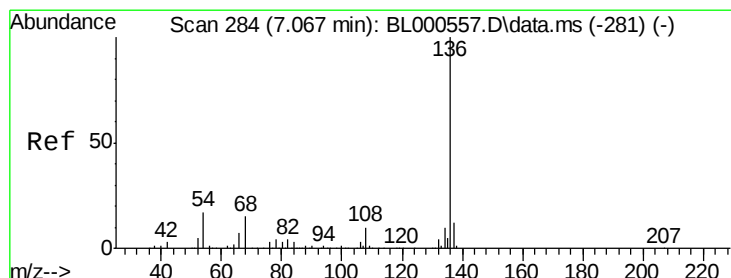
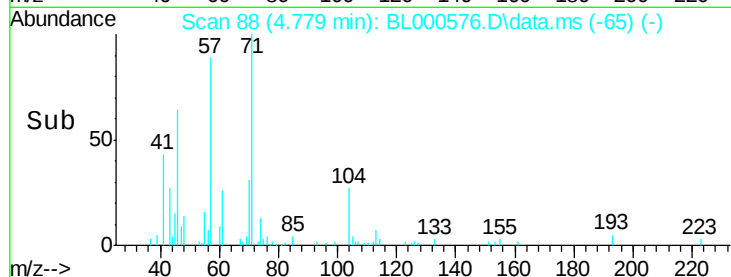
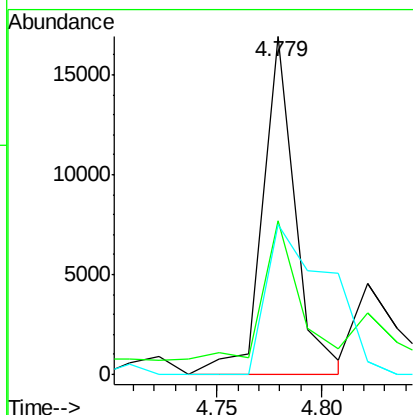
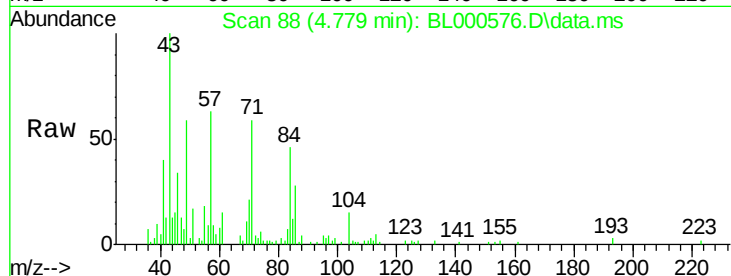
Tgt Ion: 46 Resp: 18533

Ion Ratio Lower Upper

46 100

61 45.4 20.5 60.5

104 44.3 10.5 50.5



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 7.098 min Scan# 251

Delta R.T. 0.019 min

Lab File: BL000576.D

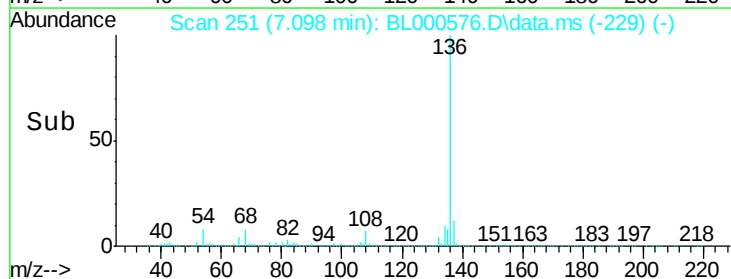
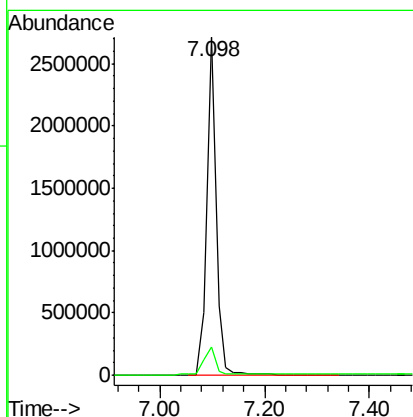
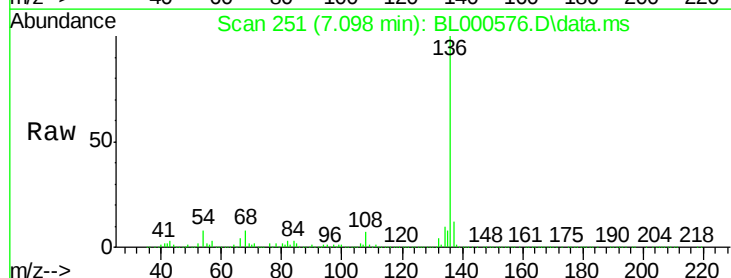
Acq: 16 Feb 2012 18:19

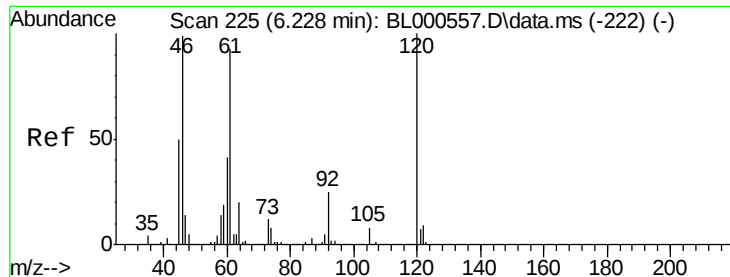
Tgt Ion: 136 Resp: 3353174

Ion Ratio Lower Upper

136 100

68 8.2 0.0 29.7





#7

1,4-Dithiane

Concen: 0.08 ug/mL

RT: 6.244 min Scan# 191

Delta R.T. 0.005 min

Lab File: BL000576.D

Acq: 16 Feb 2012 18:19

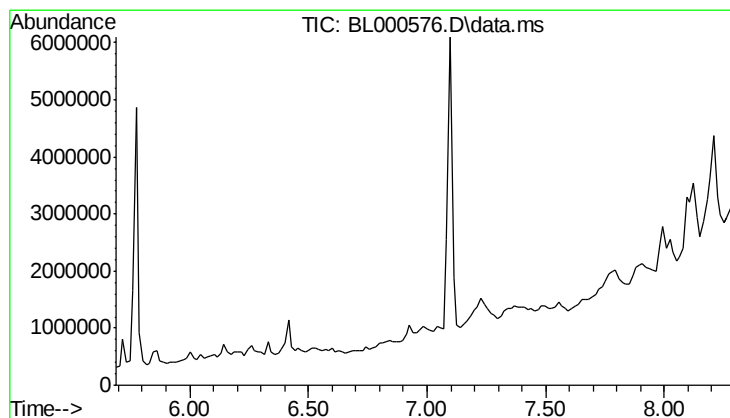
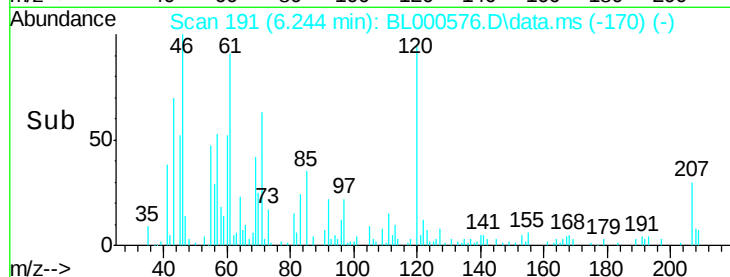
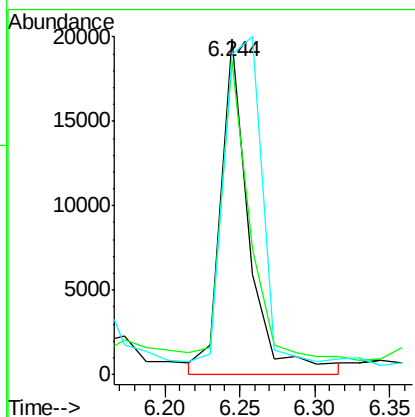
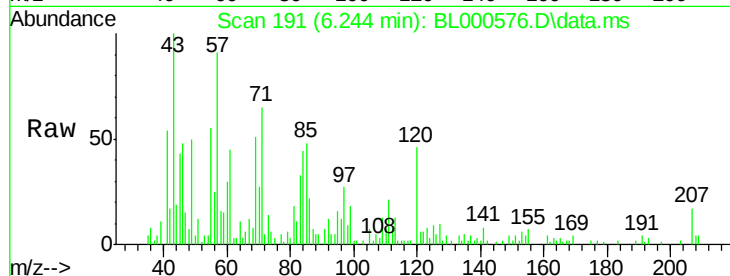
Tgt Ion: 46 Resp: 26283

Ion Ratio Lower Upper

46 100

61 93.5 92.6 132.6

120 95.4 223.6 263.6#



#8

Thiodiglycol

Concen: N.D.

Expected RT: 6.98 min

Lab File: BL000576.D

Acq: 16 Feb 2012 18:19

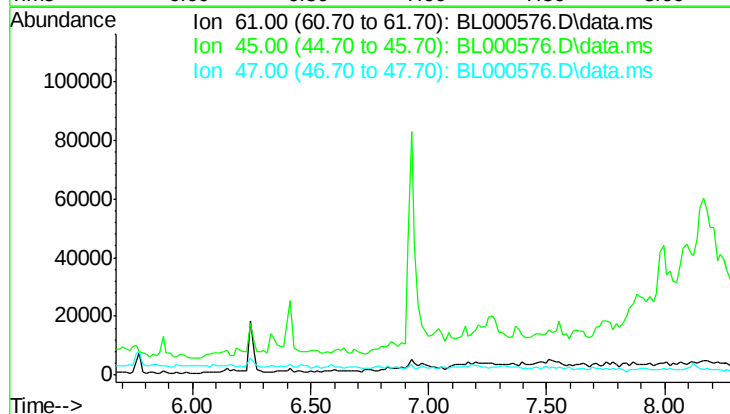
Tgt Ion: 61

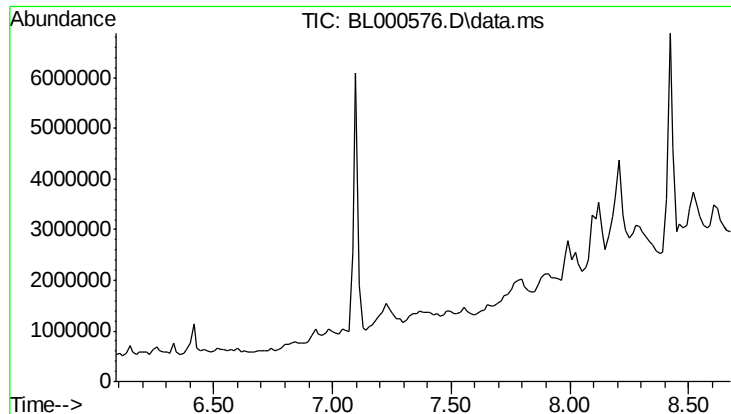
Sig Exp Ratio

61 100

45 69.8

47 27.9





#9

Benzothiazole

Concen: N.D.

Expected RT: 7.38 min

Lab File: BL000576.D

Acq: 16 Feb 2012 18:19

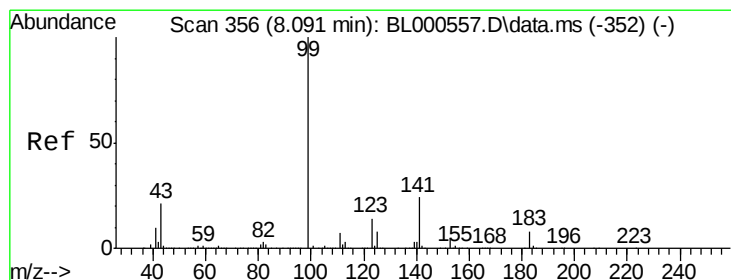
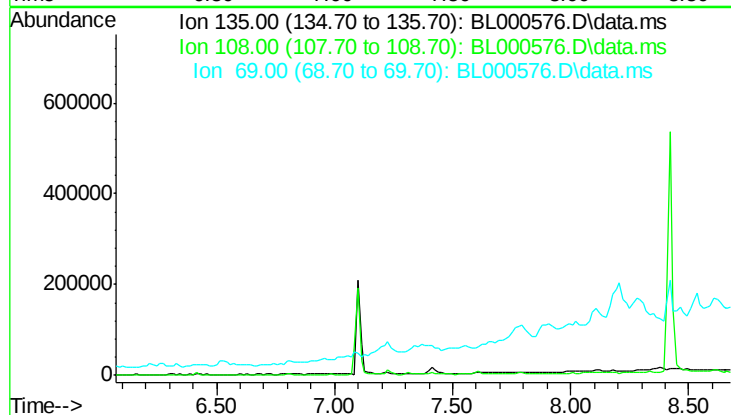
Tgt Ion: 135

Sig Exp Ratio

135 100

108 60.1

69 23.2



#10

Trippropylphosphate

Concen: 0.52 ug/mL m

RT: 8.122 min Scan# 323

Delta R.T. 0.019 min

Lab File: BL000576.D

Acq: 16 Feb 2012 18:19

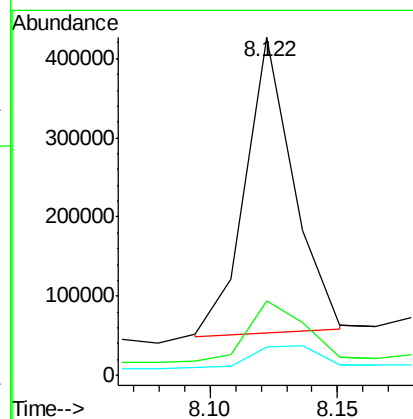
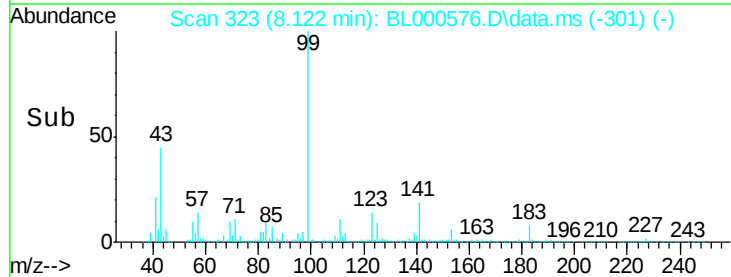
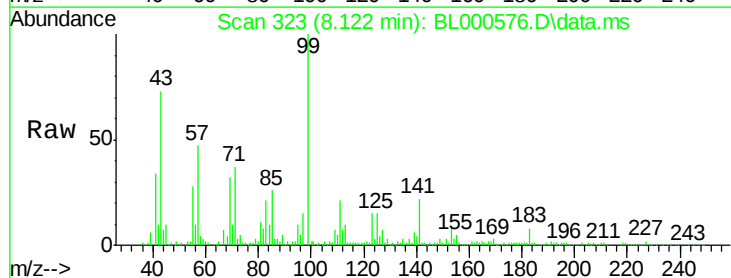
Tgt Ion: 99 Resp: 492449

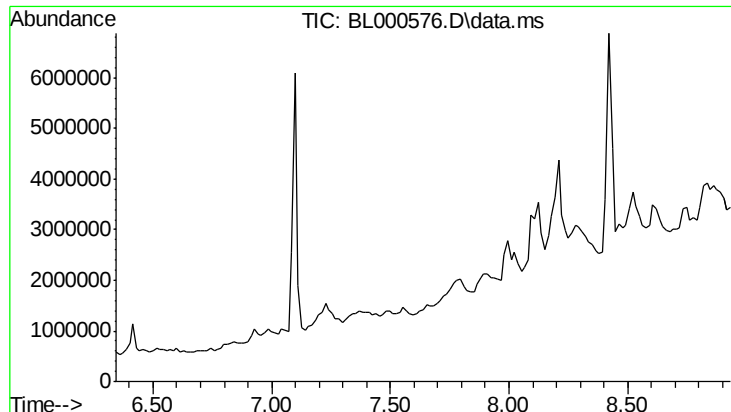
Ion Ratio Lower Upper

99 100

141 26.3 19.2 28.8

183 15.0 7.8 11.8#

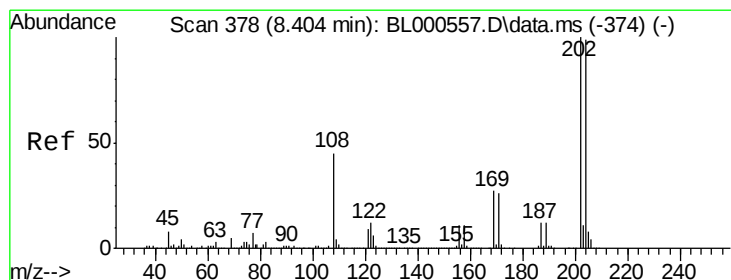
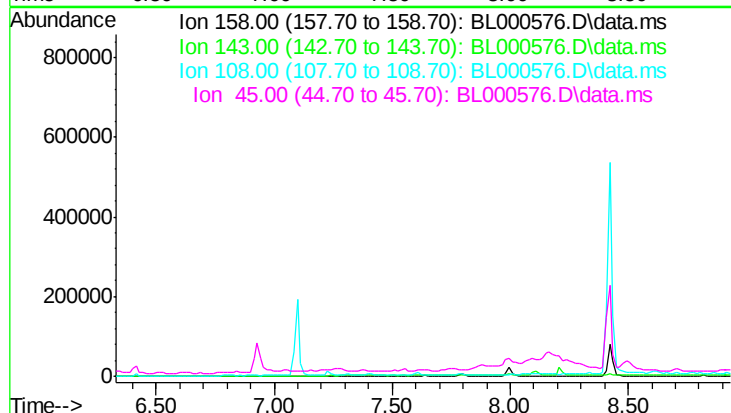




#11
p-Chlorophenylmethylsulfide
Concen: N.D.
Expected RT: 7.63 min

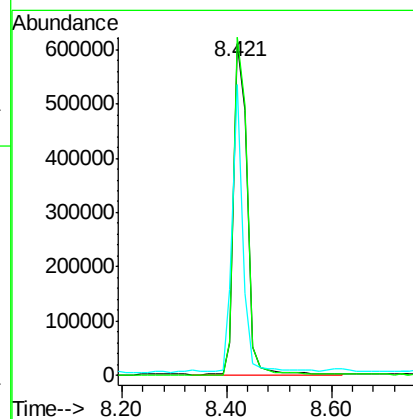
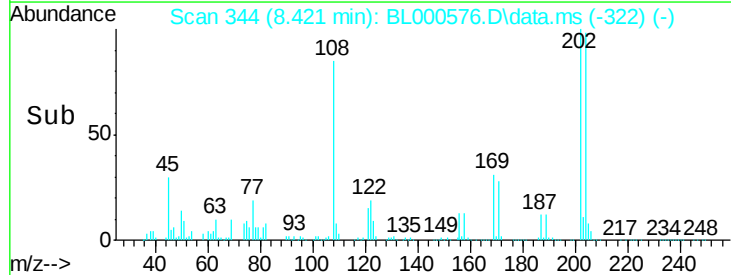
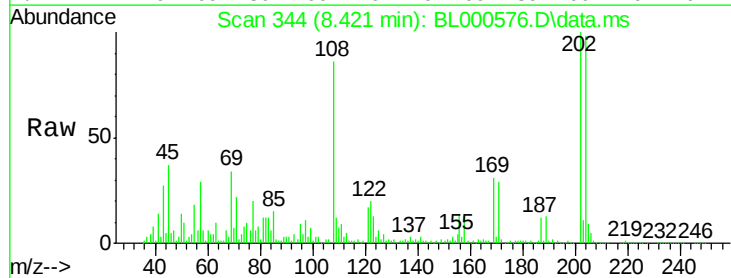
Lab File: BL000576.D
Acq: 16 Feb 2012 18:19

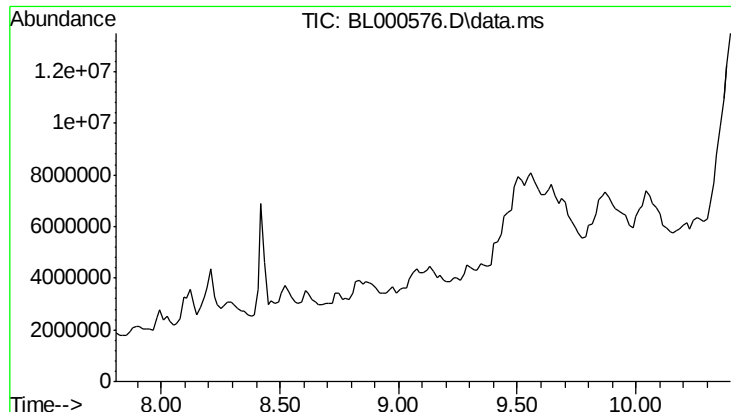
Tgt Ion: 158
Sig Exp Ratio
158 100
143 45.2
108 20.2
45 3.9



#12
2-Bromothioanisole
Concen: 4.99 ug/mL
RT: 8.421 min Scan# 344
Delta R.T. 0.019 min
Lab File: BL000576.D
Acq: 16 Feb 2012 18:19

Tgt Ion: 204 Resp: 1073721
Ion Ratio Lower Upper
204 100
202 101.9 82.6 122.6
108 87.7 101.9 141.9#

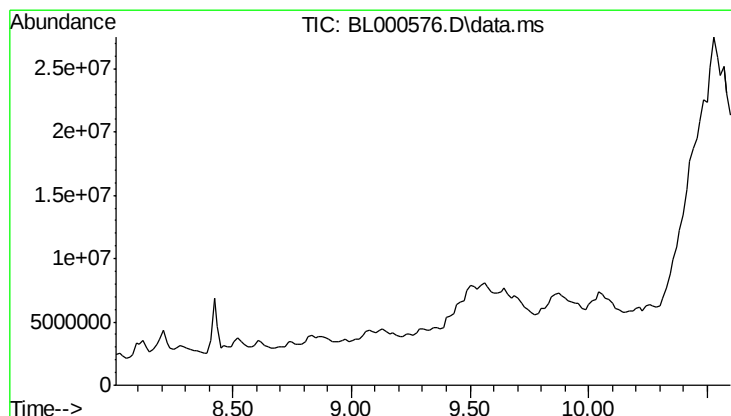
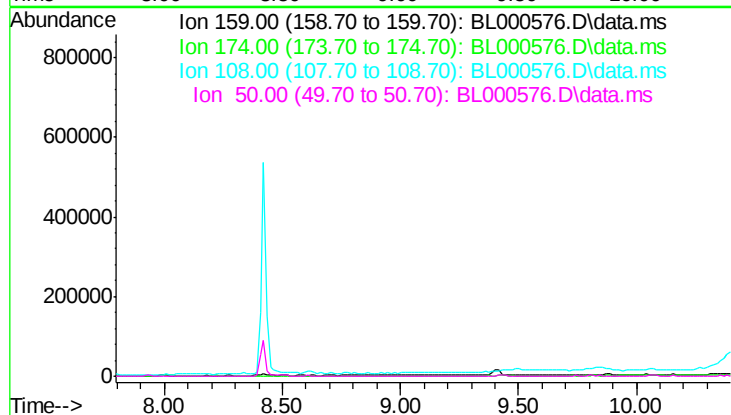




#13
 p-Chlorophenylmethylsulfoxide
 Concen: N.D.
 Expected RT: 9.10 min

Lab File: BL000576.D
 Acq: 16 Feb 2012 18:19

Tgt Ion	Exp Ratio
159	100
174	50.8
108	7.0
50	12.6



#14
 p-Chlorophenylmethylsulfone
 Concen: N.D.
 Expected RT: 9.30 min

Lab File: BL000576.D
 Acq: 16 Feb 2012 18:19

Tgt Ion	Exp Ratio
111	100
75	28.0
127	43.3
190	28.7

