

Data Path : Z:\HPCHEM1\BNA_L\data\BL021612\
 Data File : BL000577.D
 Acq On : 16 Feb 2012 18:37
 Operator : HLM
 Sample : D1391-02DL 100X
 Misc : WATER BNA_L HLM
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 20 06:52:41 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

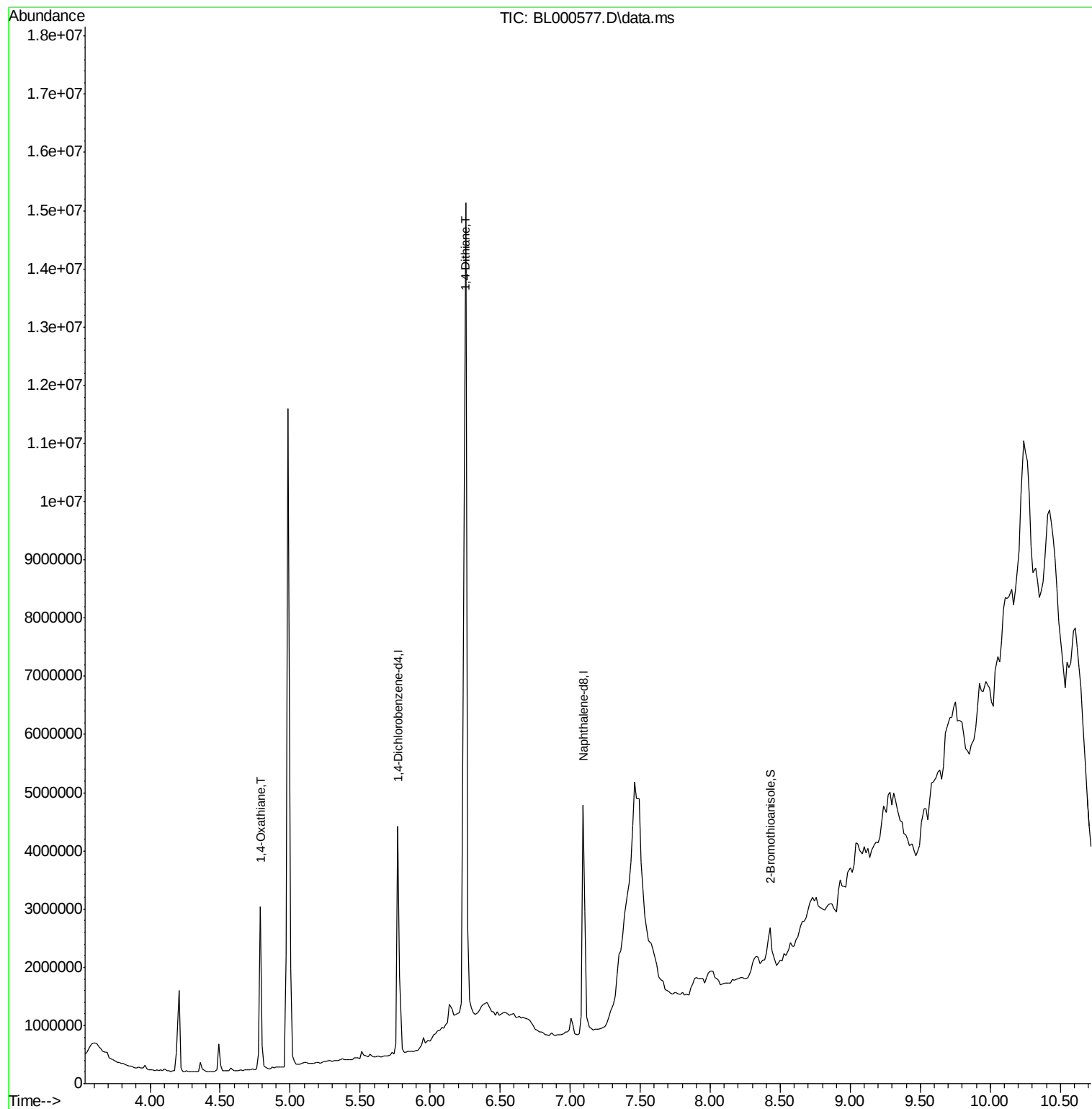
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

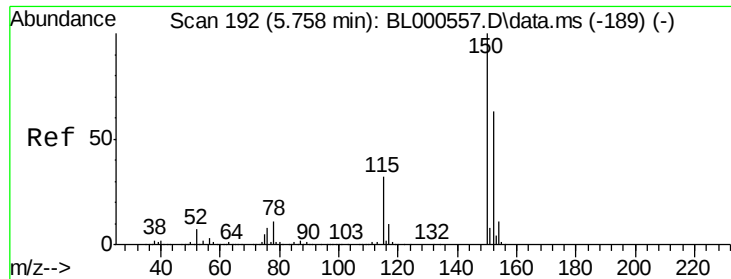
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.769	152	971976	2.00	ug/mL	0.01
6) Naphthalene-d8	7.092	136	3014885	2.00	ug/mL	0.01
System Monitoring Compounds						
10) Tripropylphosphate	0.000	99	0d	0.00	ug/mL	
Spiked Amount	0.500	Range	70 - 130	Recovery	=	0.00%#
12) 2-Bromothioanisole	8.429	204	6797m	0.04	ug/mL	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.80%#
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	4.787	46	952965	1.83	ug/mL#	75
7) 1,4-Dithiane	6.253	46	2689638	9.43	ug/mL#	81
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

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 5.769 min Scan# 158

Delta R.T. 0.013 min

Lab File: BL000577.D

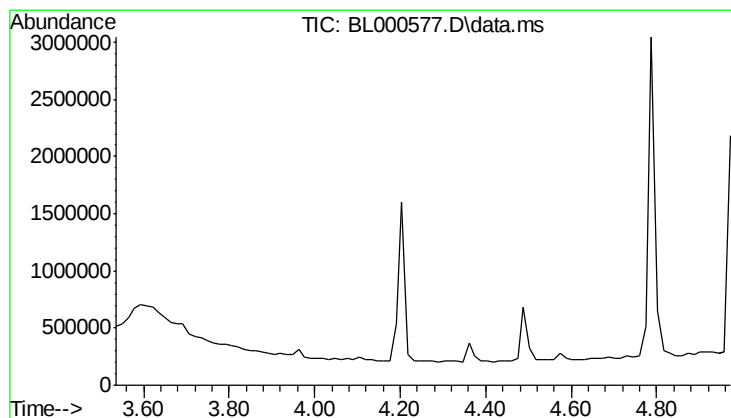
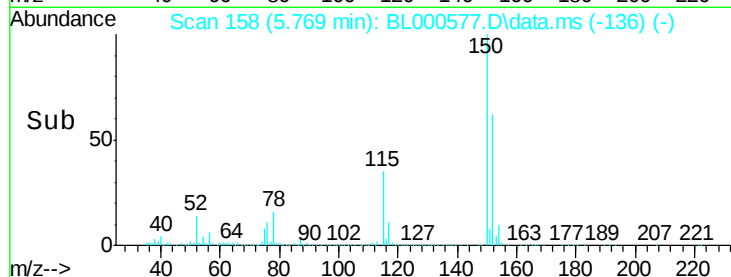
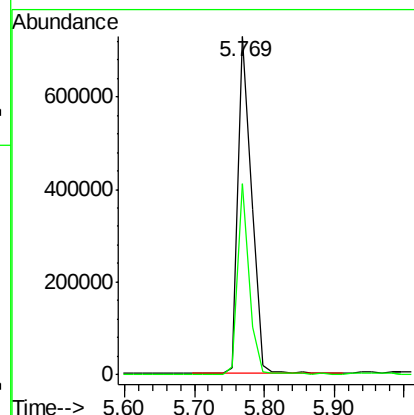
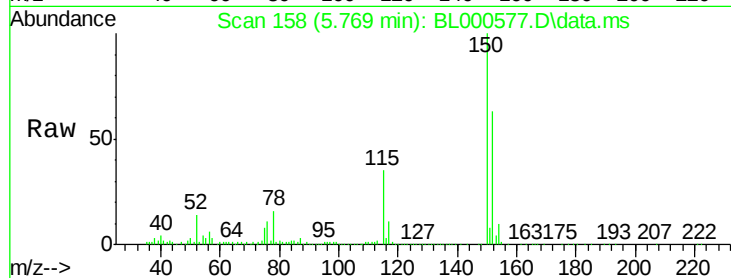
Acq: 16 Feb 2012 18:37

Tgt Ion:152 Resp: 971976

Ion Ratio Lower Upper

152 100

115 56.4 32.2 72.2



#2

Dimethyl Disulfide

Concen: N.D.

Expected RT: 3.68 min

Lab File: BL000577.D

Acq: 16 Feb 2012 18:37

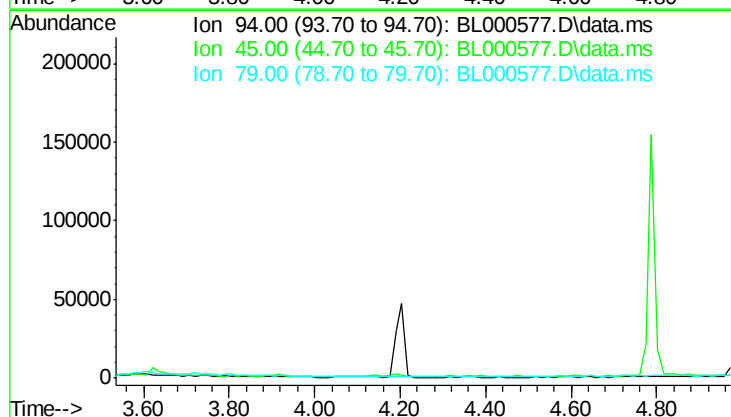
Tgt Ion: 94

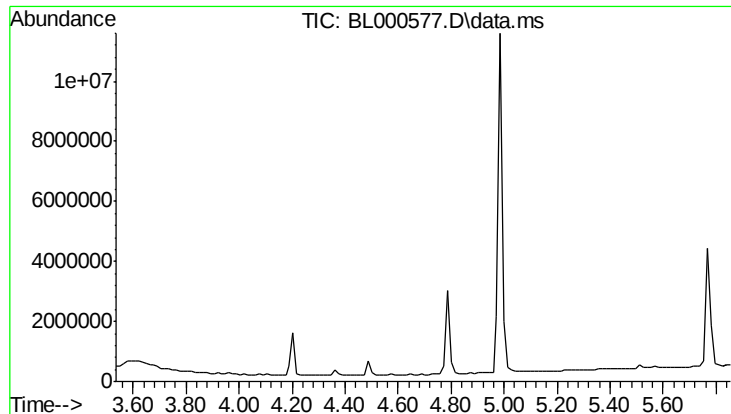
Sig Exp Ratio

94 100

45 24.8

79 42.7





#3

DMMP

Concen: N.D.

Expected RT: 4.56 min

Lab File: BL000577.D

Acq: 16 Feb 2012 18:37

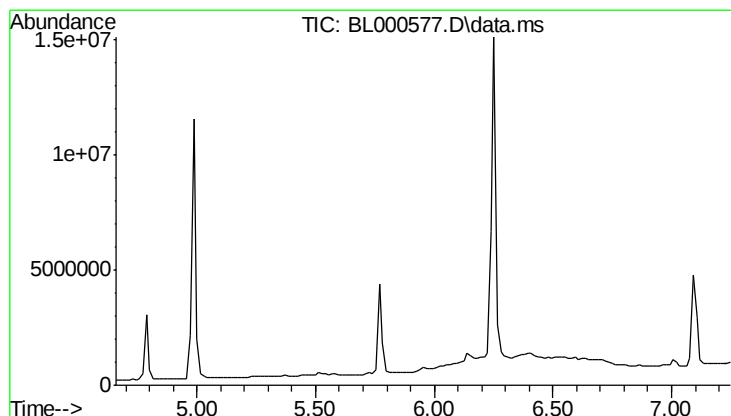
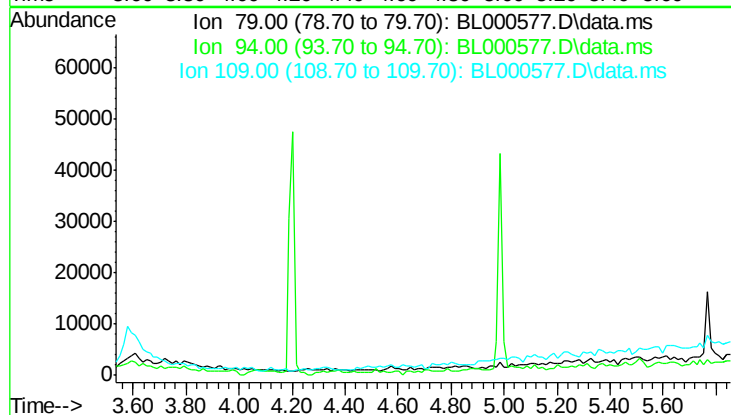
Tgt Ion: 79

Sig Exp Ratio

79 100

94 130.0

109 57.7



#4

DIMP

Concen: N.D.

Expected RT: 5.96 min

Lab File: BL000577.D

Acq: 16 Feb 2012 18:37

Tgt Ion: 97

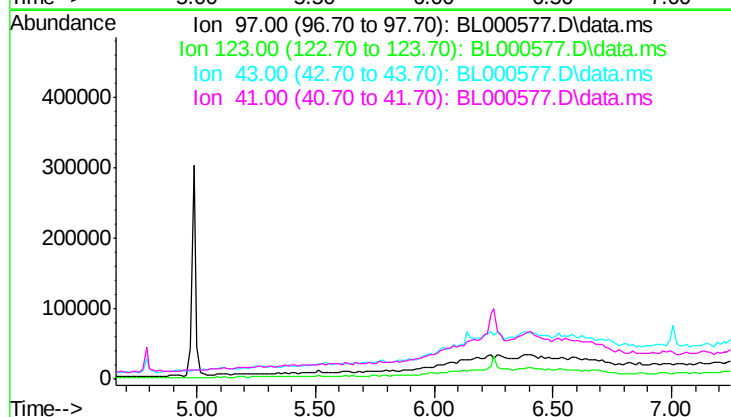
Sig Exp Ratio

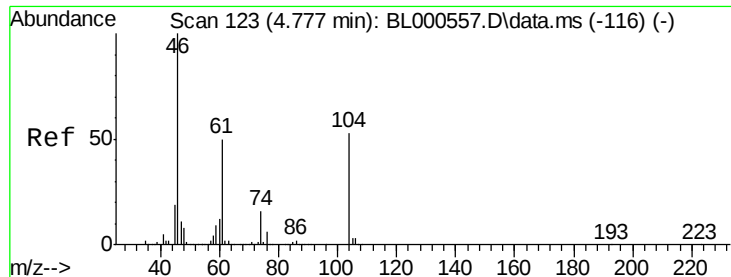
97 100

123 53.3

43 20.8

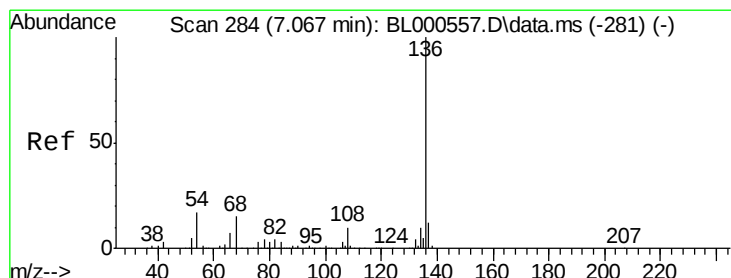
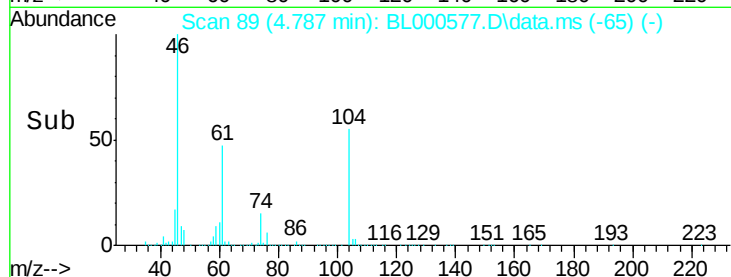
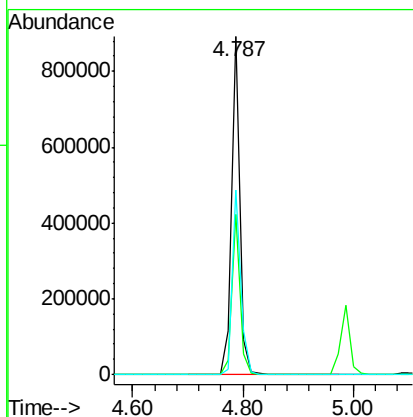
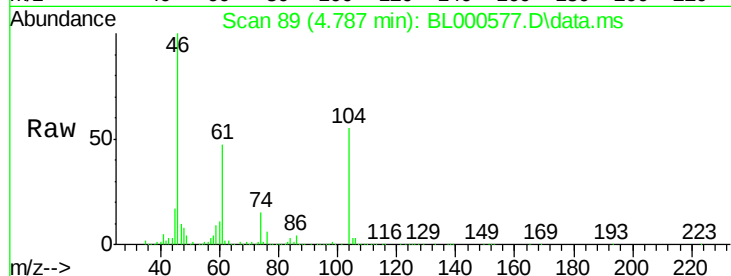
41 9.2





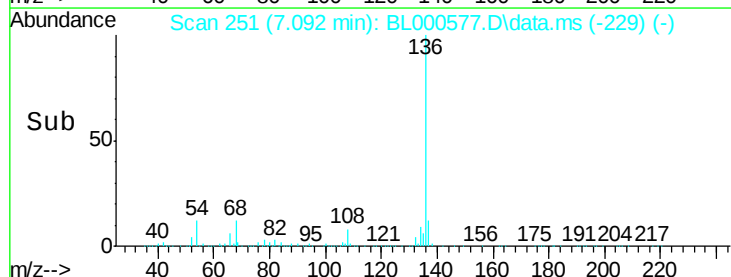
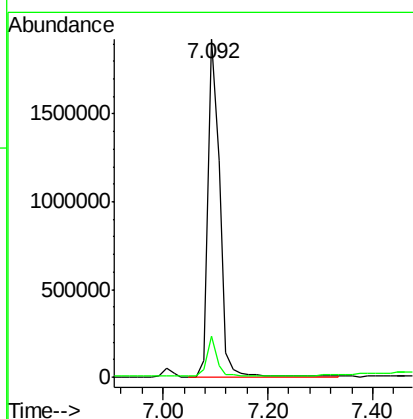
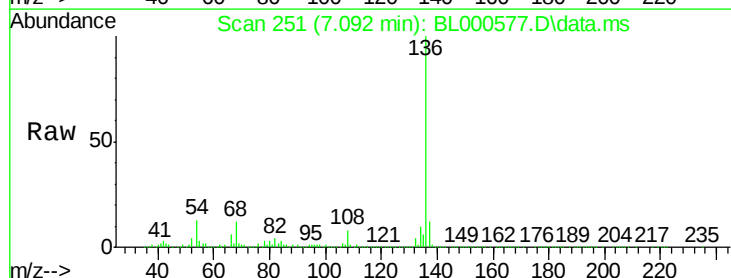
#5
 1,4-Oxathiane
 Concen: 1.83 ug/mL
 RT: 4.787 min Scan# 89
 Delta R.T. 0.041 min
 Lab File: BL000577.D
 Acq: 16 Feb 2012 18:37

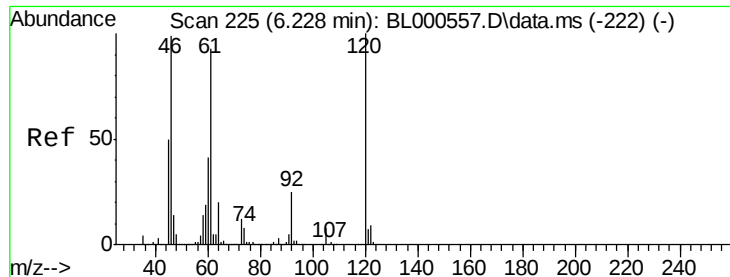
Tgt Ion	Ratio	Lower	Upper
46	100		
61	47.2	20.5	60.5
104	54.5	10.5	50.5



#6
 Naphthalene-d8
 Concen: 2.00 ug/mL
 RT: 7.092 min Scan# 251
 Delta R.T. 0.013 min
 Lab File: BL000577.D
 Acq: 16 Feb 2012 18:37

Tgt Ion	Ratio	Lower	Upper
136	100		
68	12.0	0.0	29.7





#7

1,4-Dithiane

Concen: 9.43 ug/mL

RT: 6.253 min Scan# 192

Delta R.T. 0.013 min

Lab File: BL000577.D

Acq: 16 Feb 2012 18:37

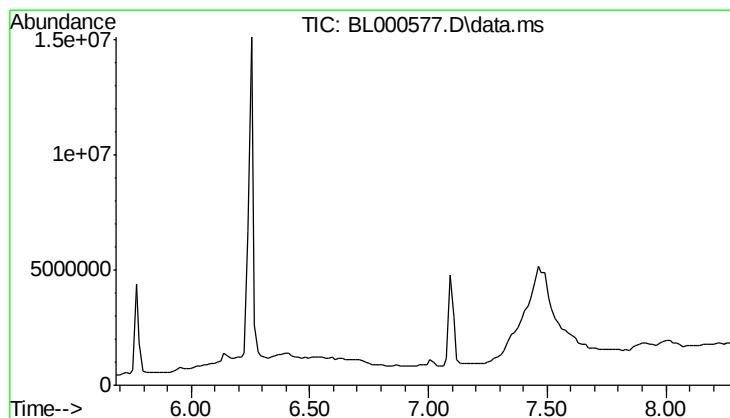
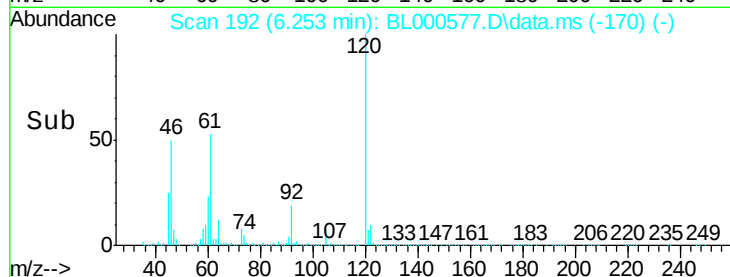
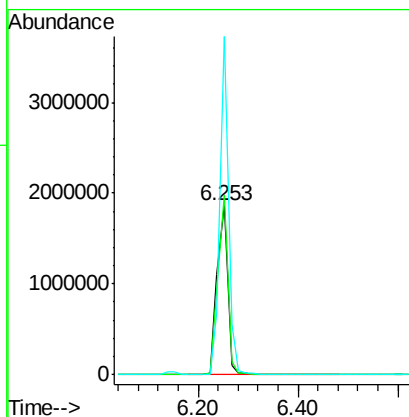
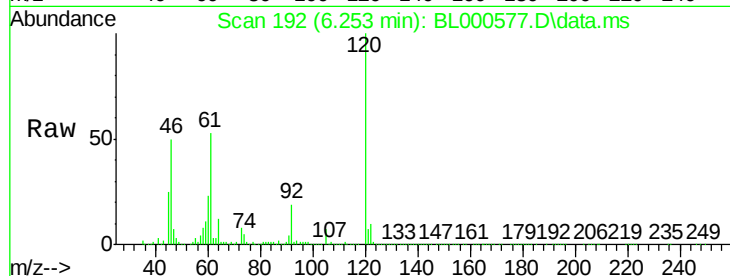
Tgt Ion: 46 Resp: 2689638

Ion Ratio Lower Upper

46 100

61 106.4 92.6 132.6

120 200.0 223.6 263.6#



#8

Thiodiglycol

Concen: N.D.

Expected RT: 6.98 min

Lab File: BL000577.D

Acq: 16 Feb 2012 18:37

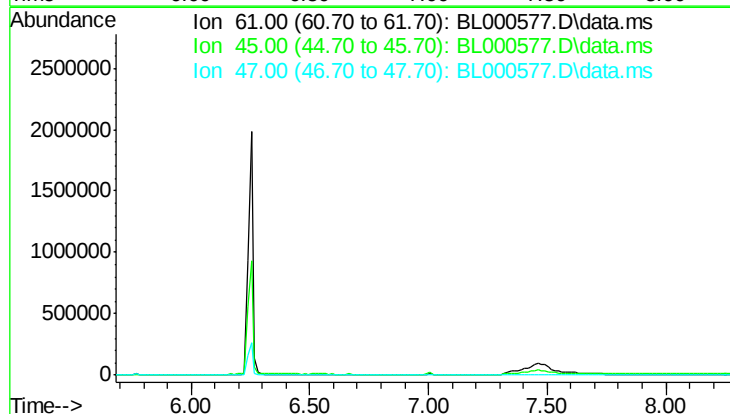
Tgt Ion: 61

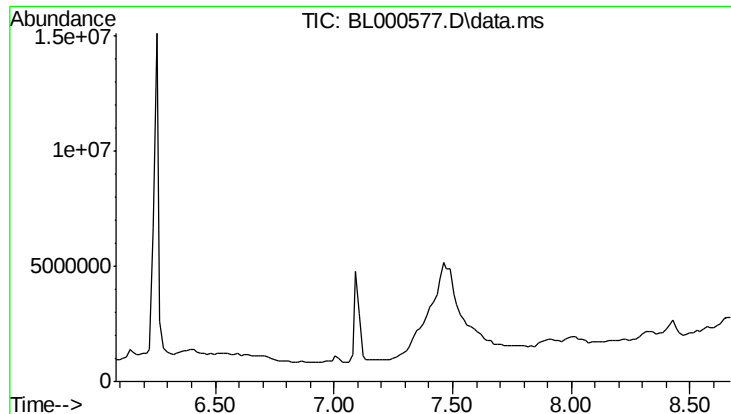
Sig Exp Ratio

61 100

45 69.8

47 27.9





#9

Benzothiazole

Concen: N.D.

Expected RT: 7.38 min

Lab File: BL000577.D

Acq: 16 Feb 2012 18:37

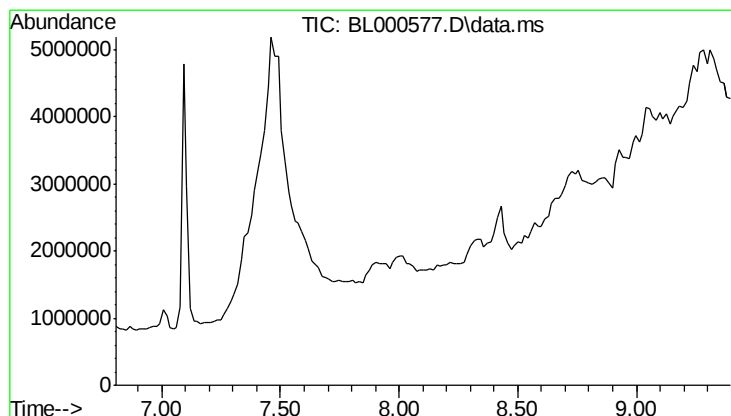
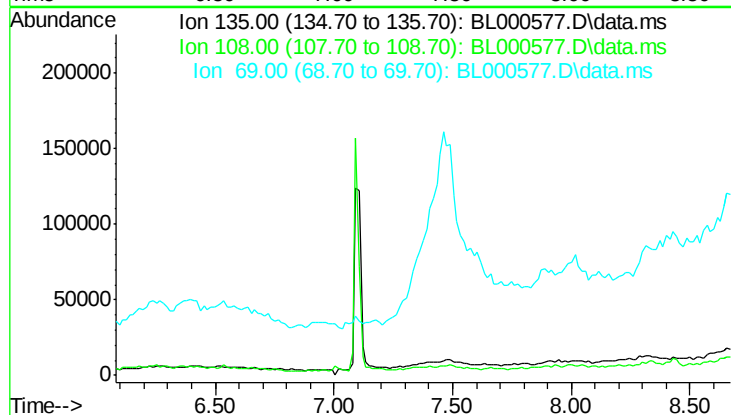
Tgt Ion: 135

Sig Exp Ratio

135 100

108 60.1

69 23.2



#10

Tripropylphosphate

Concen: 0.00 ug/mL

Expected RT: 8.10 min

Lab File: BL000577.D

Acq: 16 Feb 2012 18:37

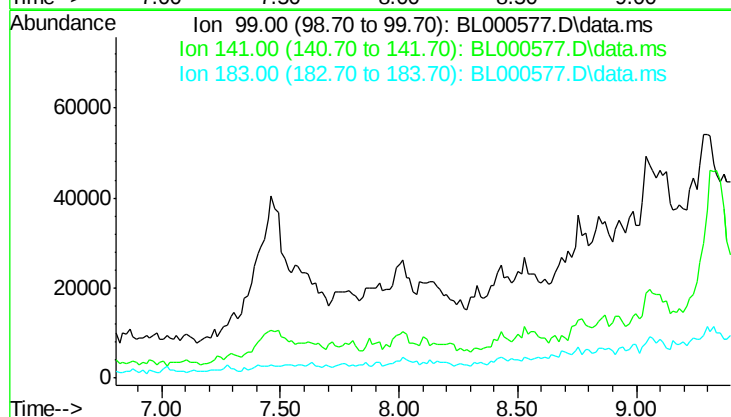
Tgt Ion: 99

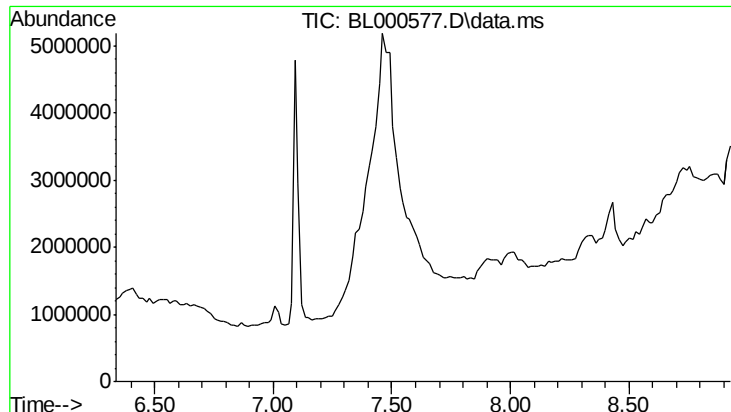
Sig Exp Ratio

99 100

141 24.0

183 9.8

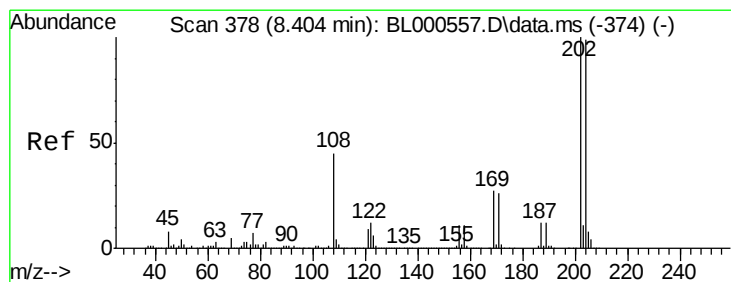
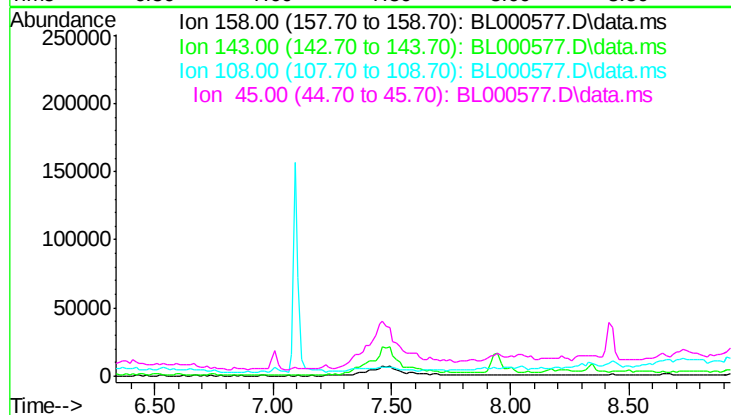




#11
p-Chlorophenylmethylsulfide
Concen: N.D.
Expected RT: 7.63 min

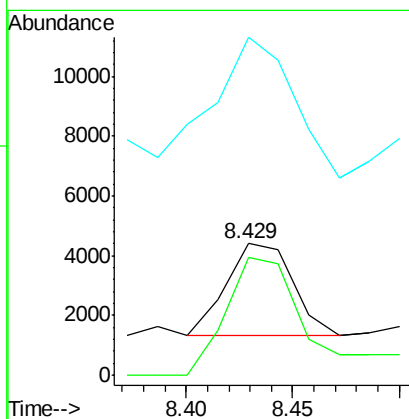
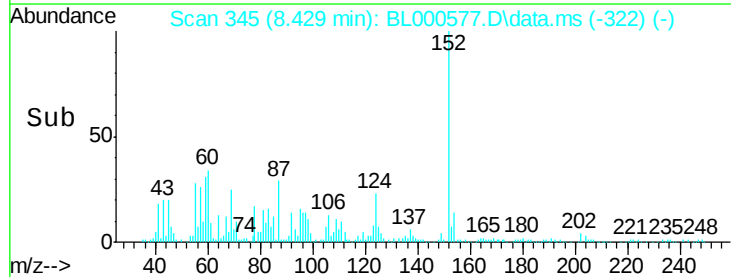
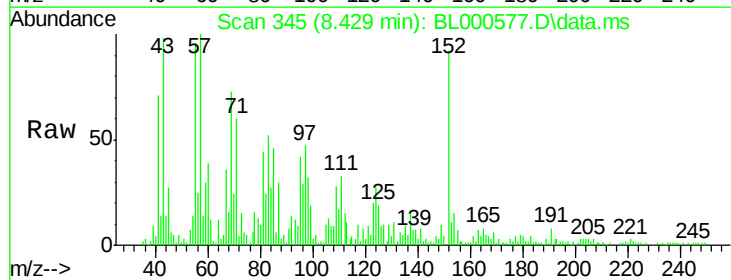
Lab File: BL000577.D
Acq: 16 Feb 2012 18:37

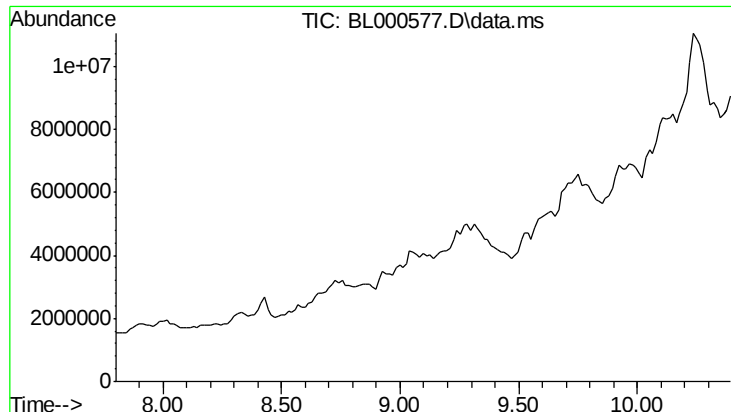
Tgt Ion: 158
Sig Exp Ratio
158 100
143 45.2
108 20.2
45 3.9



#12
2-Bromothioanisole
Concen: 0.04 ug/mL m
RT: 8.429 min Scan# 345
Delta R.T. 0.027 min
Lab File: BL000577.D
Acq: 16 Feb 2012 18:37

Tgt Ion: 204 Resp: 6797
Ion Ratio Lower Upper
204 100
202 90.1 82.6 122.6
108 257.1 101.9 141.9#

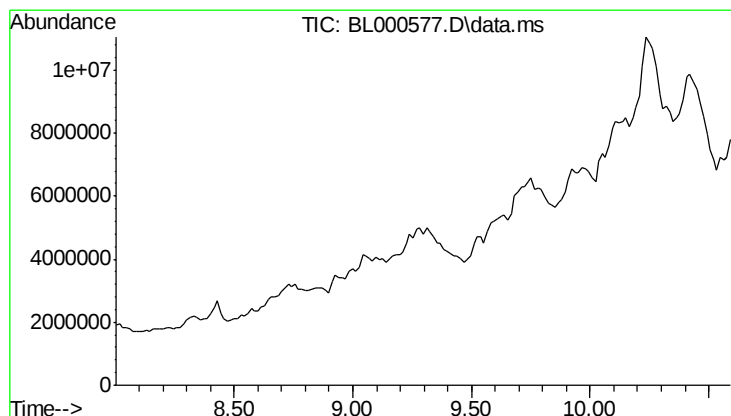
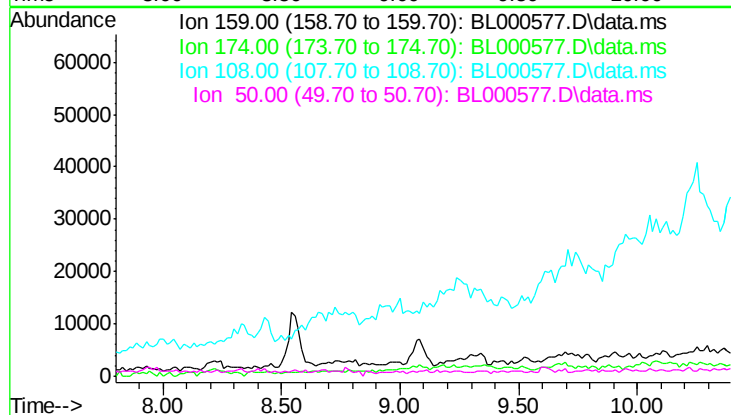




#13
 p-Chlorophenylmethylsulfoxide
 Concen: N.D.
 Expected RT: 9.10 min

Lab File: BL000577.D
 Acq: 16 Feb 2012 18:37

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: BL000577.D
 Acq: 16 Feb 2012 18:37

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

