

Data Path : Z:\HPCHEM1\BNA_L\data\BL021612\
 Data File : BL000578.D
 Acq On : 16 Feb 2012 18:55
 Operator : HLM
 Sample : D1391-02
 Misc : WATER BNA_L HLM
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 20 06:52:47 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

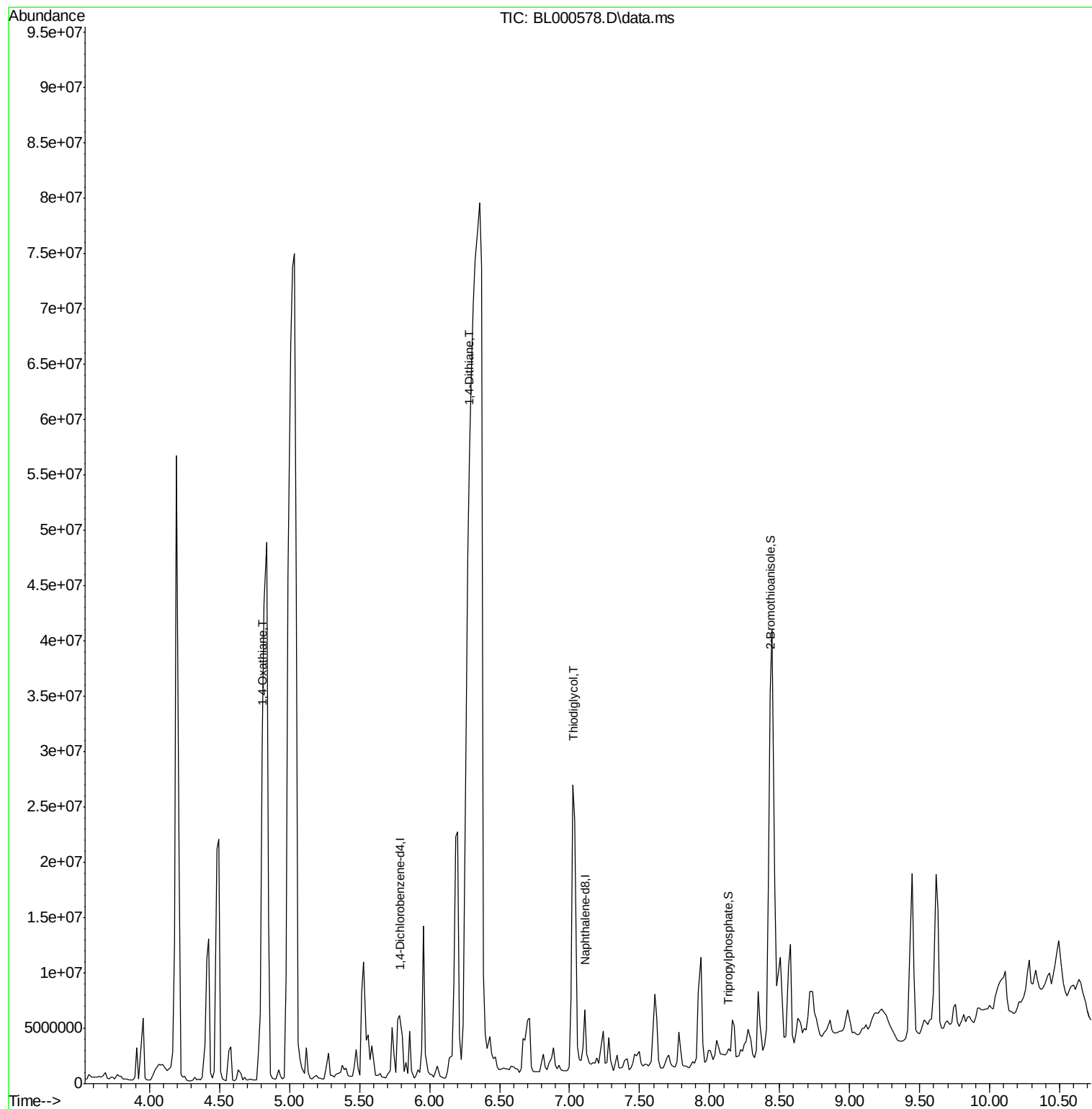
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

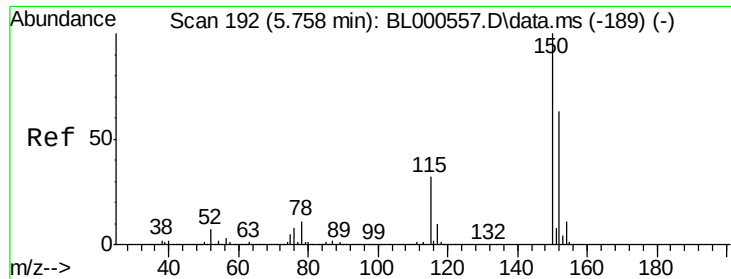
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.788	152	949975	2.00	ug/mL	0.03
6) Naphthalene-d8	7.111	136	3188992	2.00	ug/mL	0.03
System Monitoring Compounds						
10) Tripropylphosphate	8.135	99	536103	0.59	ug/mL	0.03
Spiked Amount 0.500	Range 70 - 130		Recovery	=	118.00%	
12) 2-Bromothioanisole	8.434	204	874246	4.28	ug/mL	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery	=	85.60%	
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	4.806	46	22220612	43.76	ug/mL#	30
7) 1,4-Dithiane	6.286	46	51903946	171.96	ug/mL#	39
8) Thiodiglycol	7.026	61	2290553	10.71	ug/mL#	46
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: 5.788 min Scan# 159

Delta R.T. 0.032 min

Lab File: BL000578.D

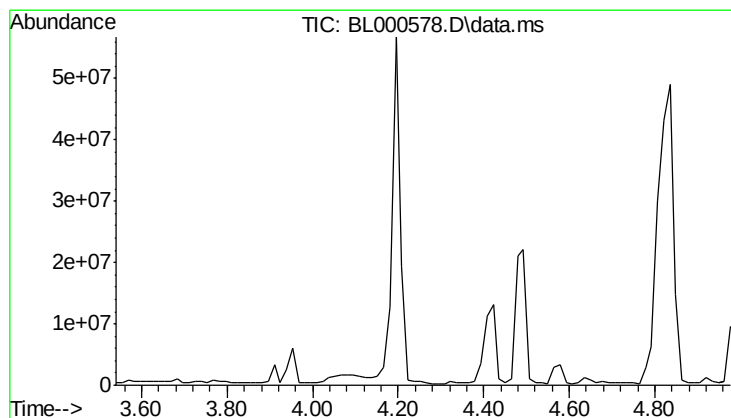
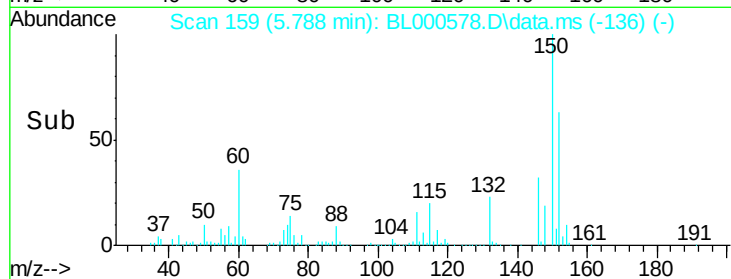
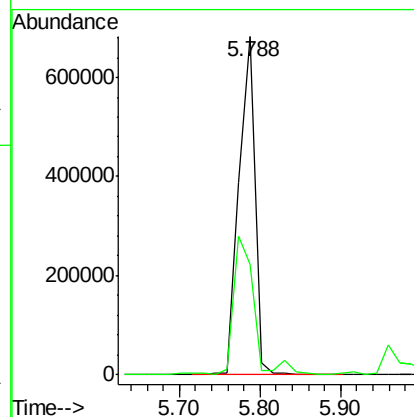
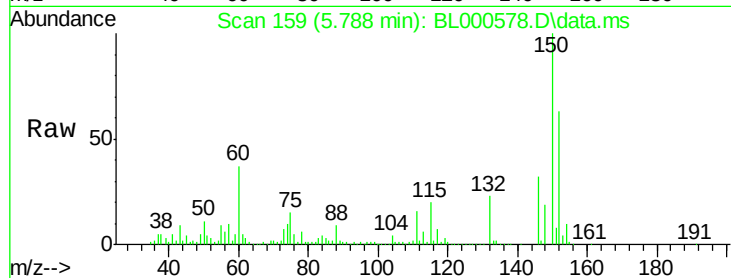
Acq: 16 Feb 2012 18:55

Tgt Ion:152 Resp: 949975

Ion Ratio Lower Upper

152 100

115 32.5 32.2 72.2



#2

Dimethyl Disulfide

Concen: N.D.

Expected RT: 3.68 min

Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

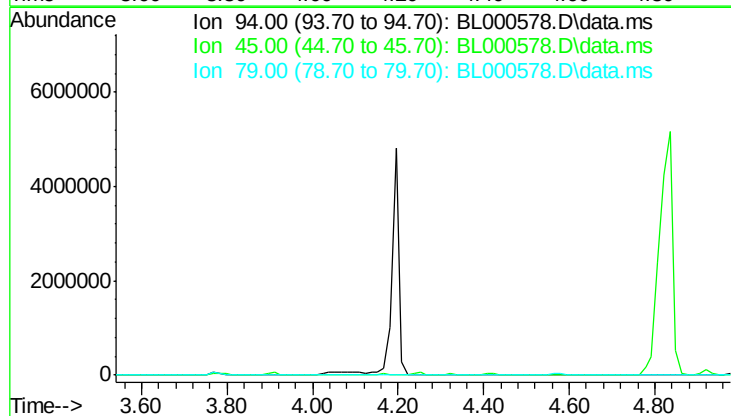
Tgt Ion: 94

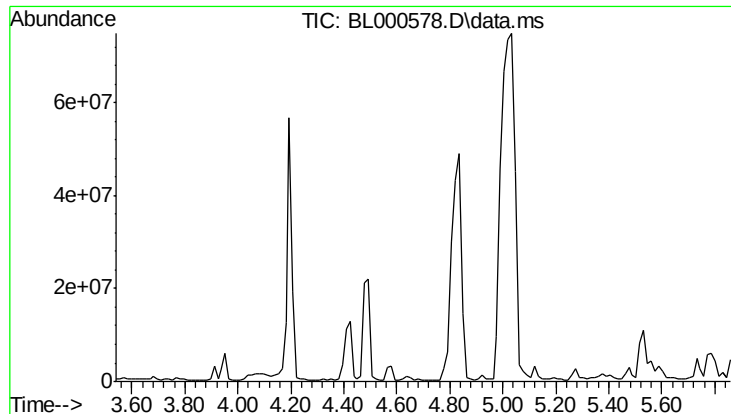
Sig Exp Ratio

94 100

45 24.8

79 42.7





#3

DMMP

Concen: N.D.

Expected RT: 4.56 min

Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

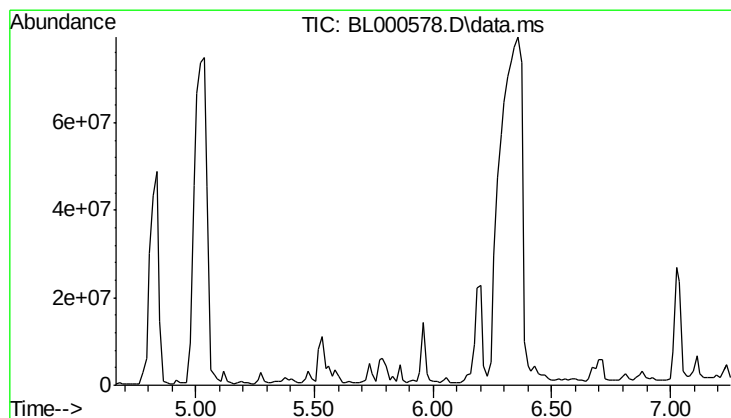
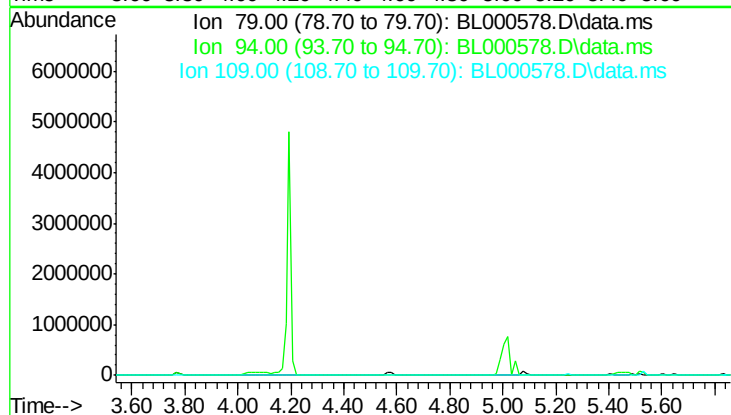
Tgt Ion: 79

Sig Exp Ratio

79 100

94 130.0

109 57.7



#4

DIMP

Concen: N.D.

Expected RT: 5.96 min

Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

Tgt Ion: 97

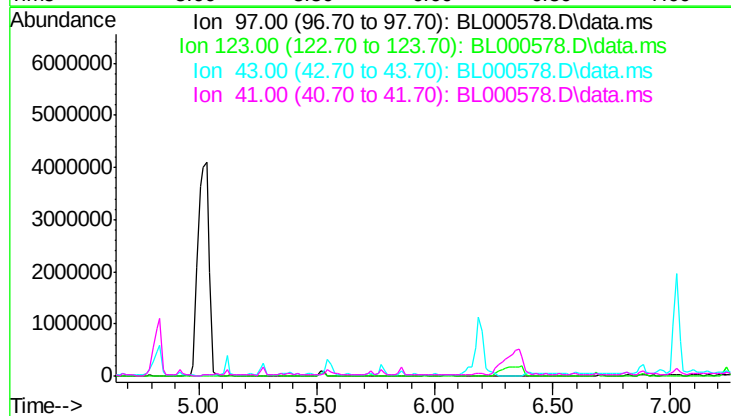
Sig Exp Ratio

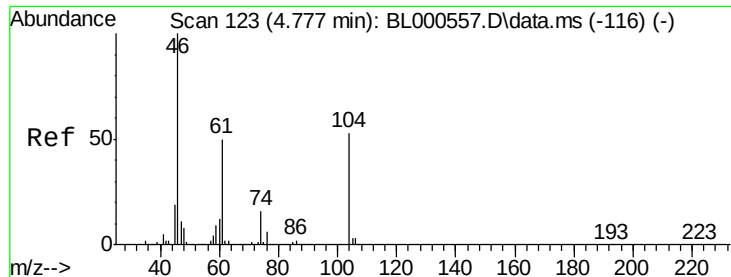
97 100

123 53.3

43 20.8

41 9.2





#5

1,4-Oxathiane

Concen: 43.76 ug/mL

RT: 4.806 min Scan# 90

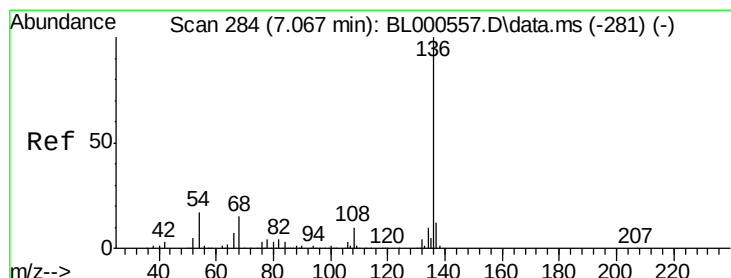
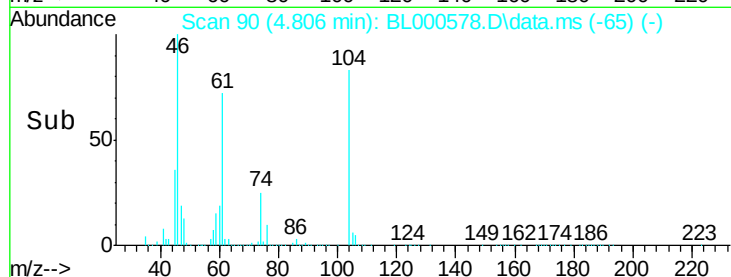
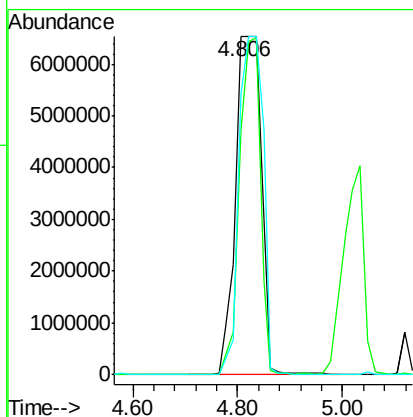
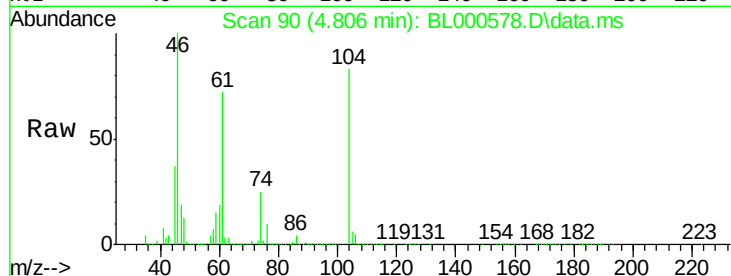
Delta R.T. 0.060 min

Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

Tgt Ion: 46 Resp:22220612

Ion	Ratio	Lower	Upper
46	100		
61	72.0	20.5	60.5#
104	83.1	10.5	50.5#



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 7.111 min Scan# 252

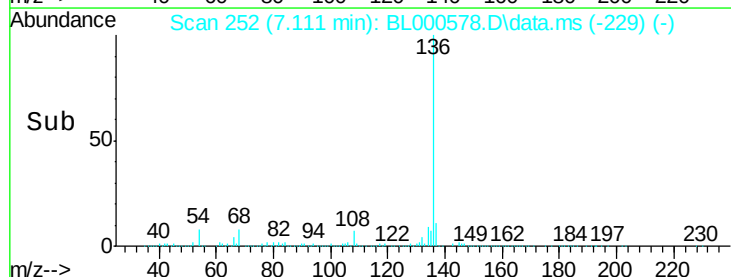
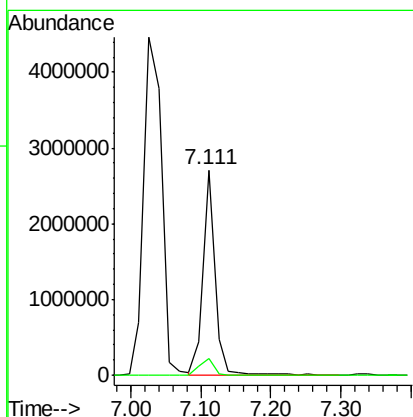
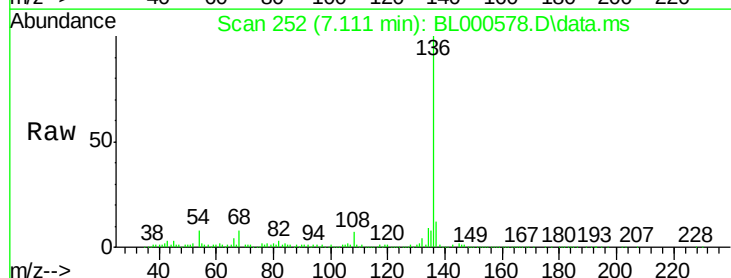
Delta R.T. 0.032 min

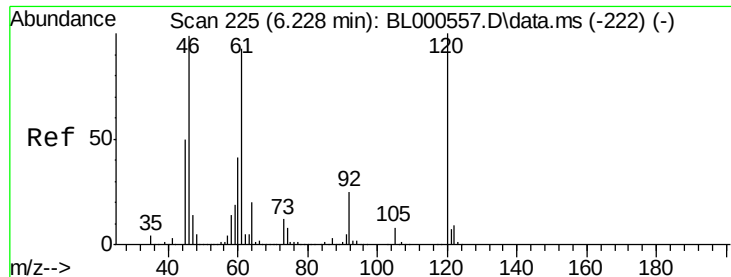
Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

Tgt Ion:136 Resp: 3188992

Ion	Ratio	Lower	Upper
136	100		
68	8.1	0.0	29.7





#7

1,4-Dithiane

Concen: 171.96 ug/mL

RT: 6.286 min Scan# 194

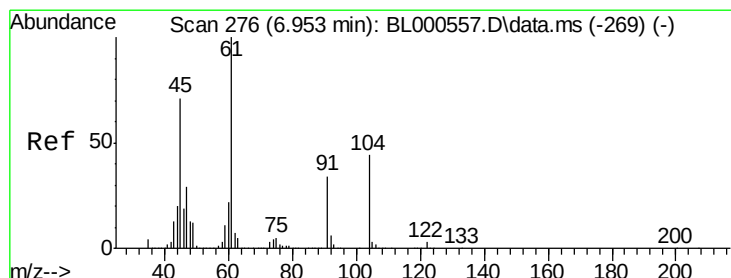
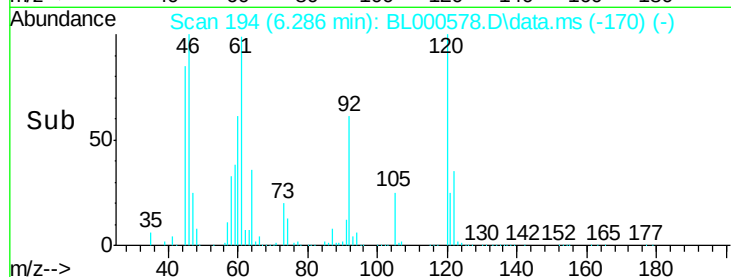
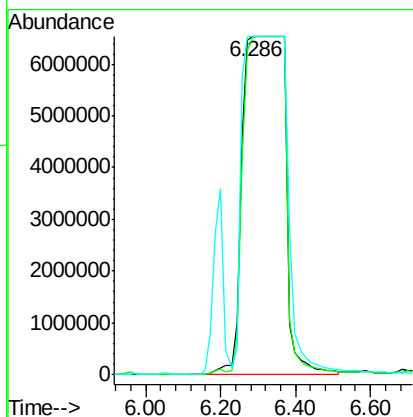
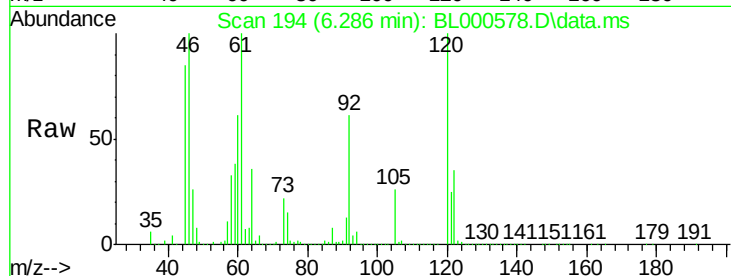
Delta R.T. 0.046 min

Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

Tgt Ion: 46 Resp: 51903946

Ion	Ratio	Lower	Upper
46	100		
61	99.7	92.6	132.6
120	100.0	223.6	263.6



#8

Thiodiglycol

Concen: 10.71 ug/mL

RT: 7.026 min Scan# 246

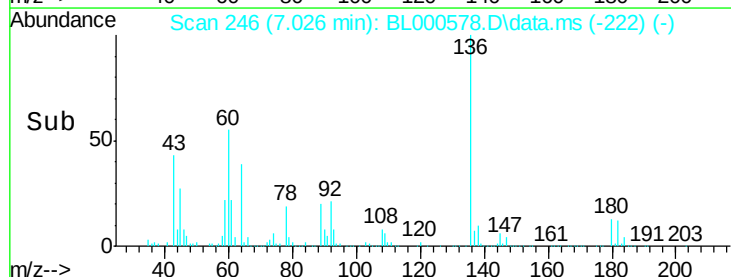
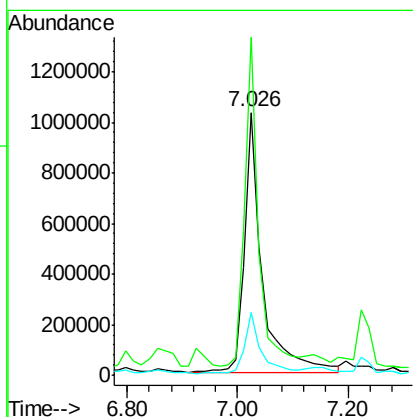
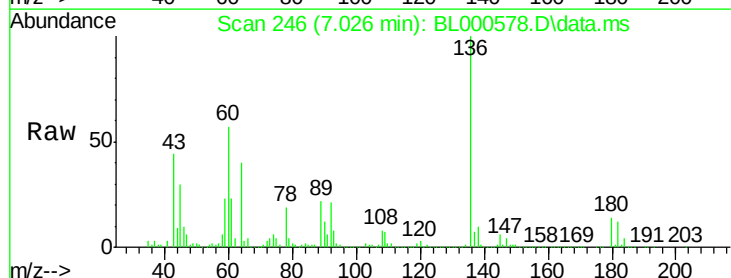
Delta R.T. 0.046 min

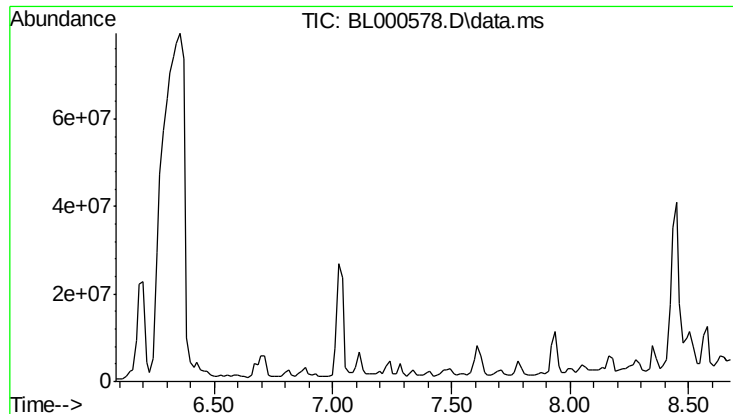
Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

Tgt Ion: 61 Resp: 2290553

Ion	Ratio	Lower	Upper
61	100		
45	128.7	49.8	89.8
47	23.8	7.9	47.9





#9

Benzothiazole

Concen: N.D.

Expected RT: 7.38 min

Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

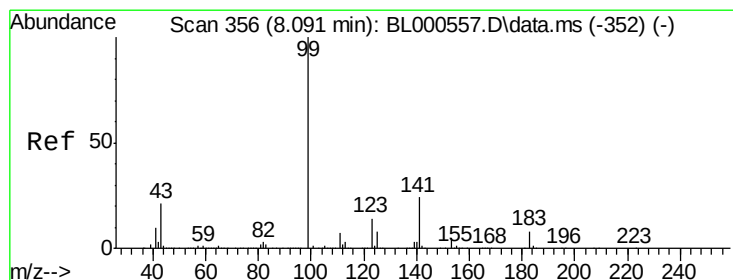
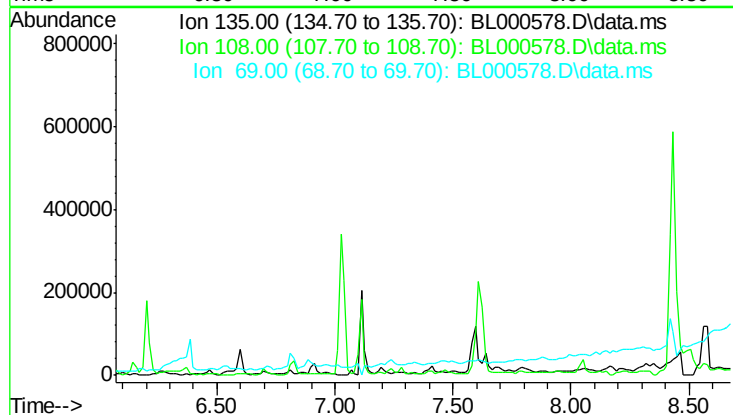
Tgt Ion: 135

Sig Exp Ratio

135 100

108 60.1

69 23.2



#10

Tripropylphosphate

Concen: 0.59 ug/mL

RT: 8.135 min Scan# 324

Delta R.T. 0.032 min

Lab File: BL000578.D

Acq: 16 Feb 2012 18:55

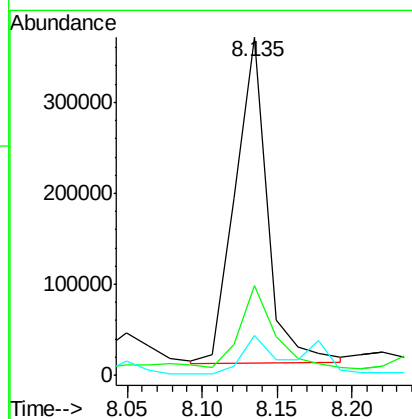
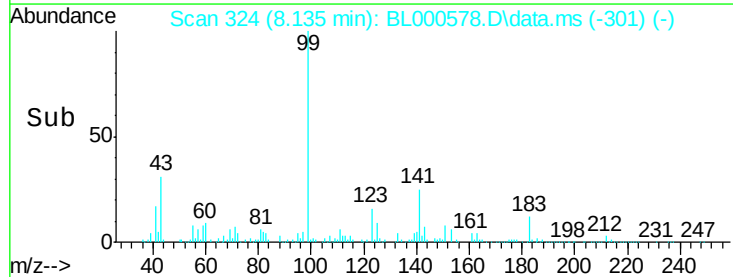
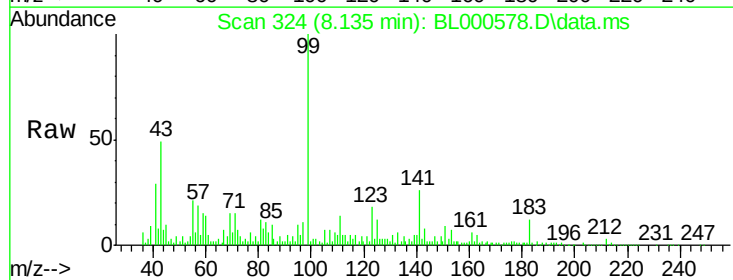
Tgt Ion: 99 Resp: 536103

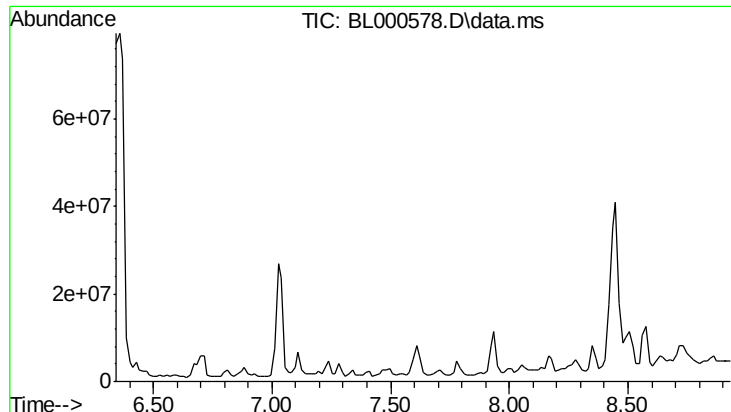
Ion Ratio Lower Upper

99 100

141 29.1 19.2 28.8#

183 13.0 7.8 11.8#

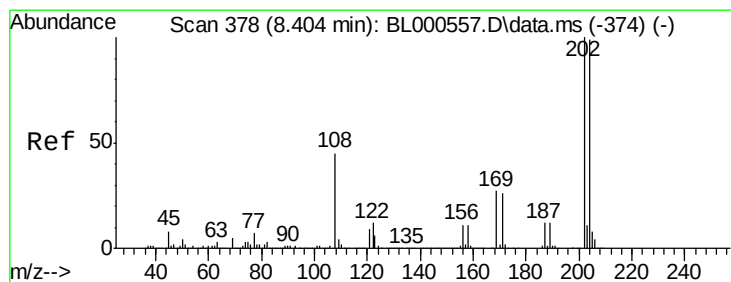
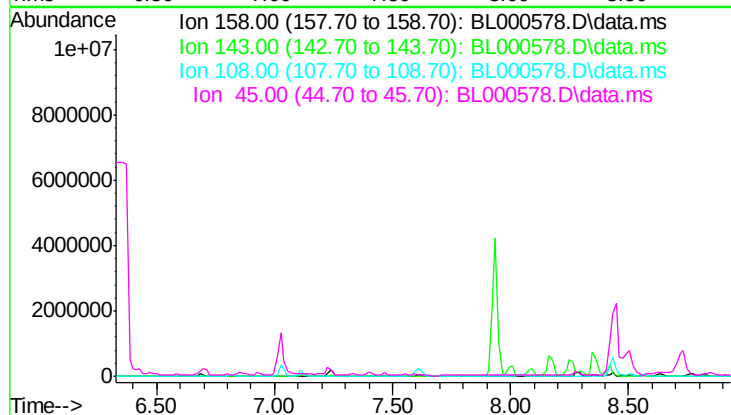




#11
p-Chlorophenylmethylsulfide
Concen: N.D.
Expected RT: 7.63 min

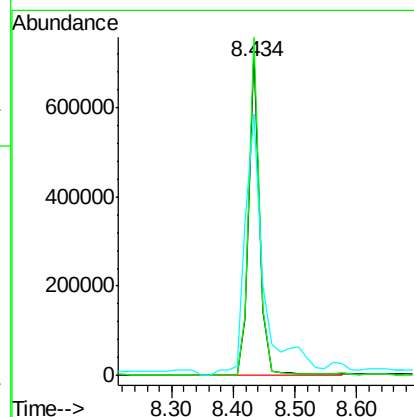
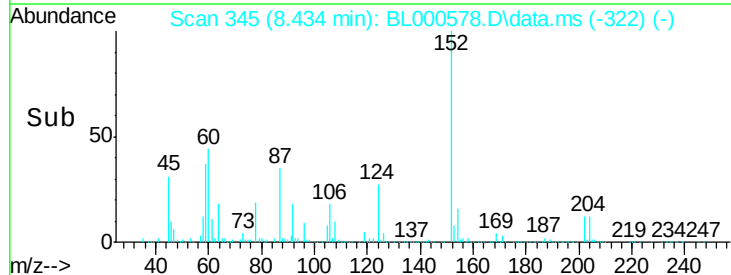
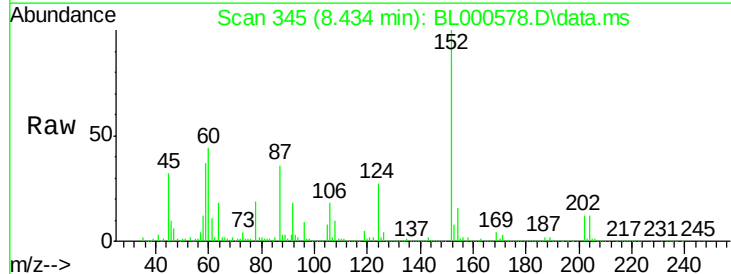
Lab File: BL000578.D
Acq: 16 Feb 2012 18:55

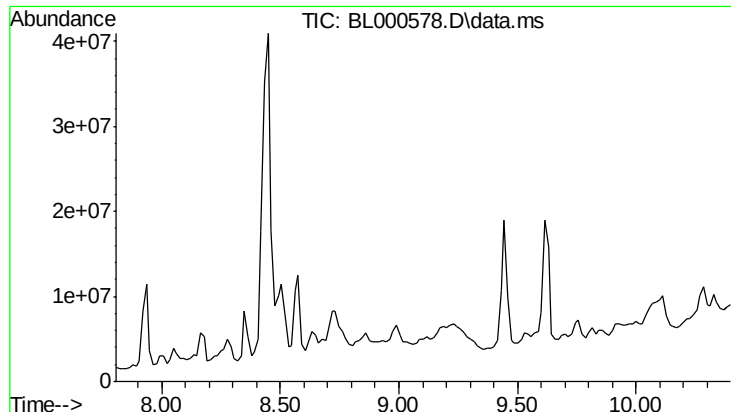
Tgt Ion: 158
Sig Exp Ratio
158 100
143 45.2
108 20.2
45 3.9



#12
2-Bromothioanisole
Concen: 4.28 ug/mL
RT: 8.434 min Scan# 345
Delta R.T. 0.032 min
Lab File: BL000578.D
Acq: 16 Feb 2012 18:55

Tgt Ion: 204 Resp: 874246
Ion Ratio Lower Upper
204 100
202 104.8 82.6 122.6
108 81.1 101.9 141.9#

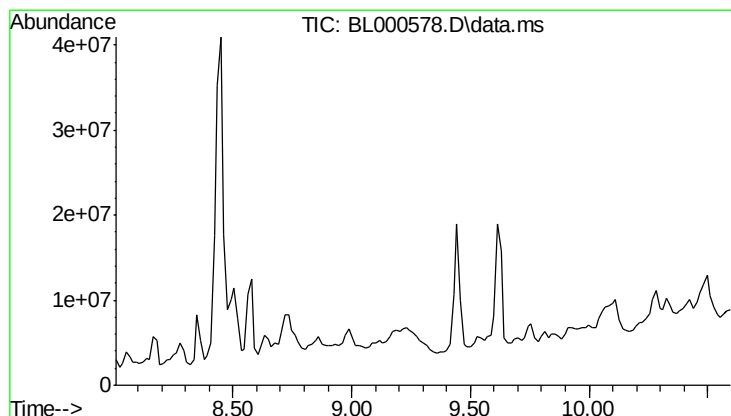
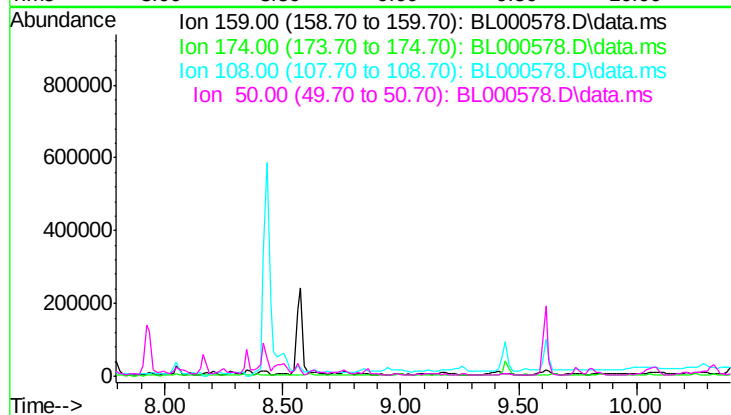




#13
p-Chlorophenylmethanesulfoxide
Concen: N.D.
Expected RT: 9.10 min

Lab File: BL000578.D
Acq: 16 Feb 2012 18:55

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



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

Lab File: BL000578.D
Acq: 16 Feb 2012 18:55

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

