

Data Path : Z:\HPCHEM1\BNA_L\data\BL021612\
 Data File : BL000573.D
 Acq On : 16 Feb 2012 17:25
 Operator : HLM
 Sample : PB61092BL
 Misc : WATER BNA_L HLM
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 20 06:52:28 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

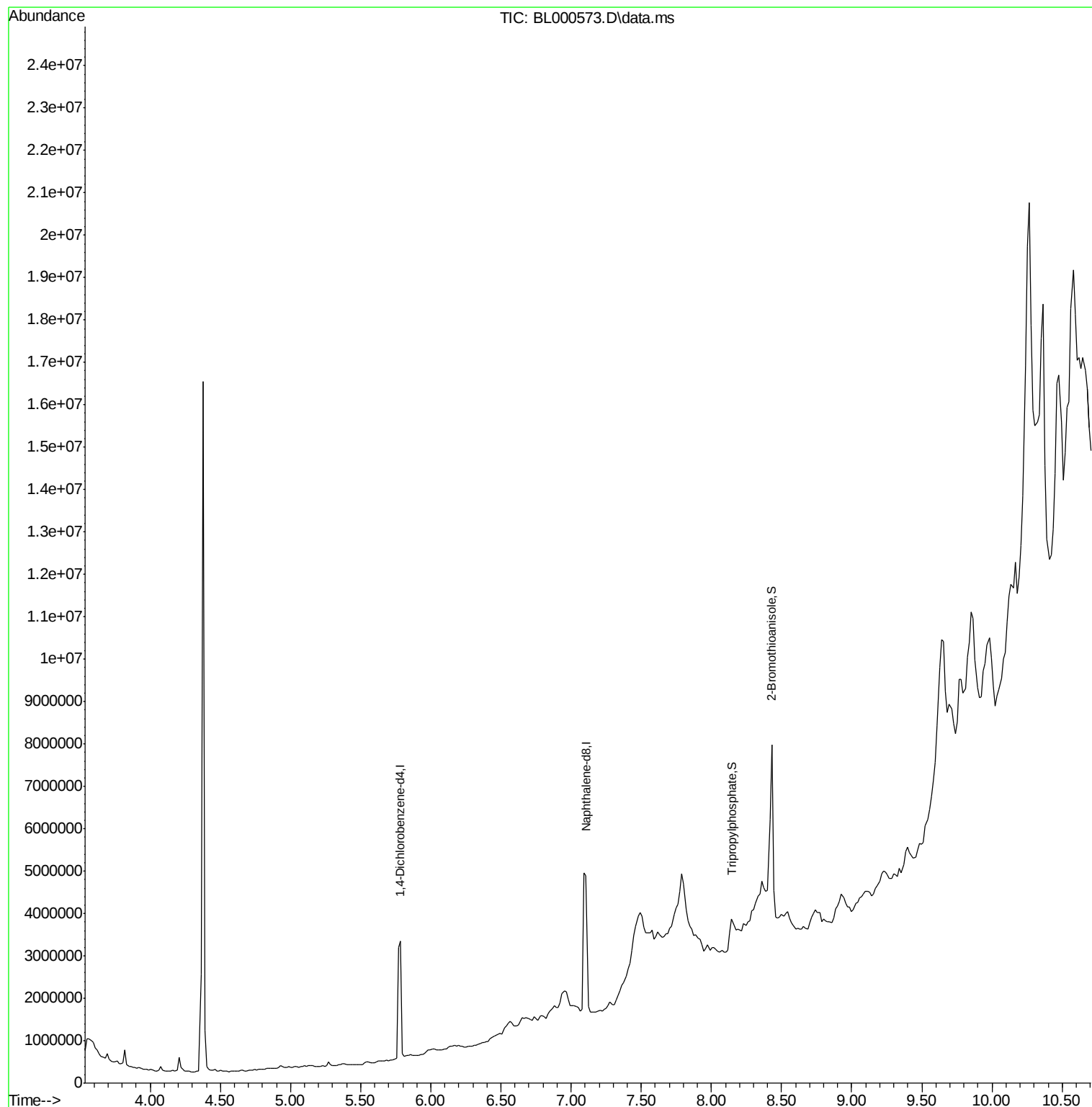
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

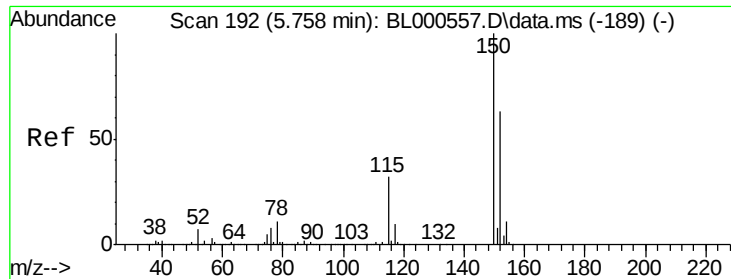
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.784	152	990611	2.00	ug/mL	0.03
6) Naphthalene-d8	7.107	136	3229726	2.00	ug/mL	0.03
System Monitoring Compounds						
10) Tripropylphosphate	8.145	99	492306	0.54	ug/mL	0.04
Spiked Amount 0.500	Range 70 - 130		Recovery	=	108.00%	
12) 2-Bromothioanisole	8.429	204	1076132	5.20	ug/mL	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery	=	104.00%	
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	0.000		0	N.D.	d	
7) 1,4-Dithiane	0.000		0	N.D.	d	
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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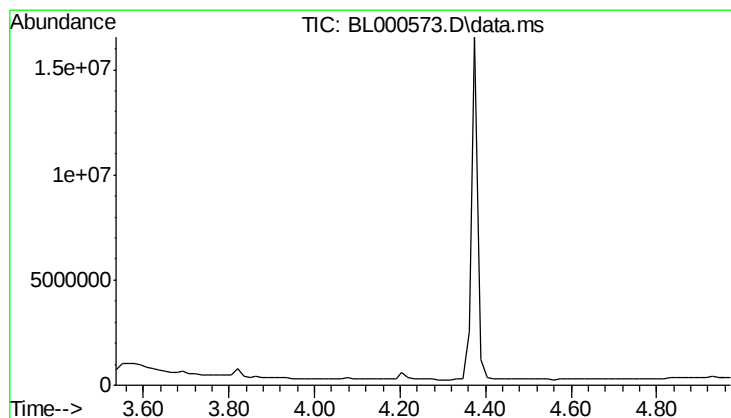
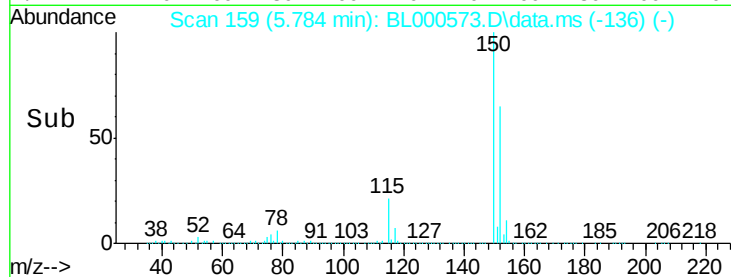
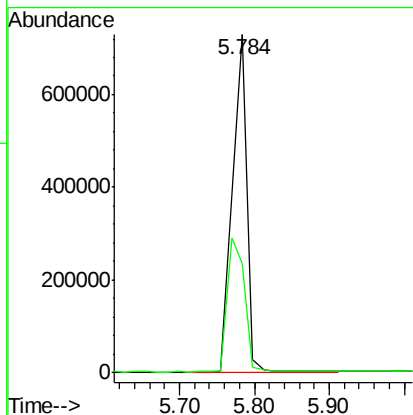
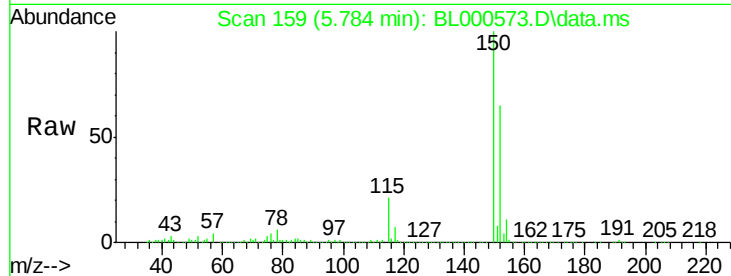




#1

1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 5.784 min Scan# 159
Delta R.T. 0.027 min
Lab File: BL000573.D
Acq: 16 Feb 2012 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	32.3	32.2	72.2

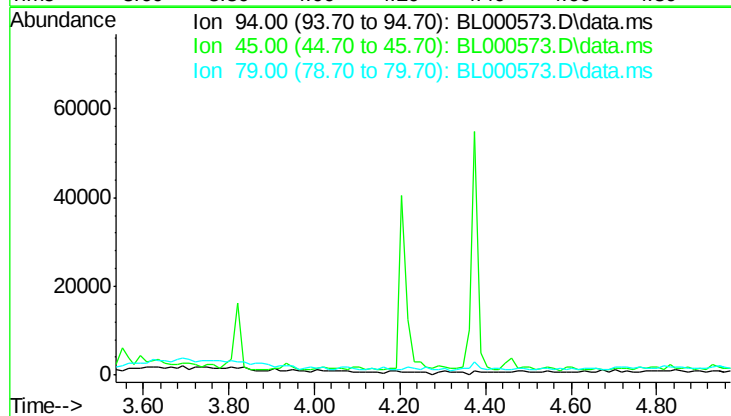


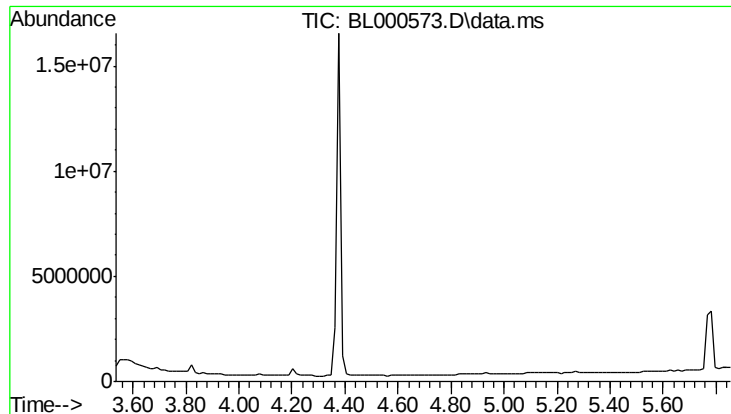
#2

Dimethyl Disulfide
Concen: N.D.
Expected RT: 3.68 min

Lab File: BL000573.D
Acq: 16 Feb 2012 17:25

Tgt Ion	Sig	Exp Ratio
94	100	
45	24.8	
79	42.7	





#3

DMMP

Concen: N.D.

Expected RT: 4.56 min

Lab File: BL000573.D

Acq: 16 Feb 2012 17:25

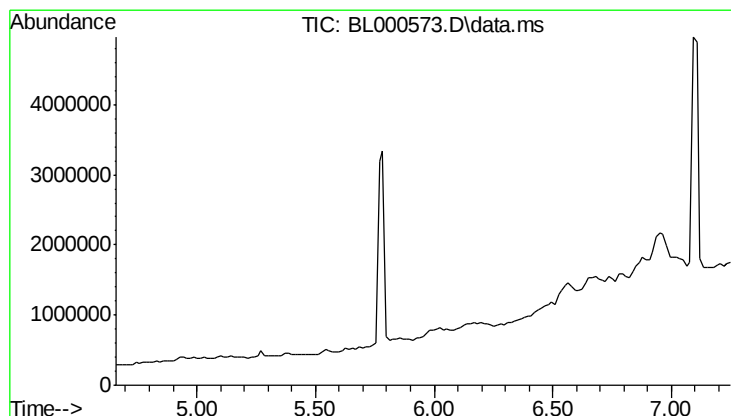
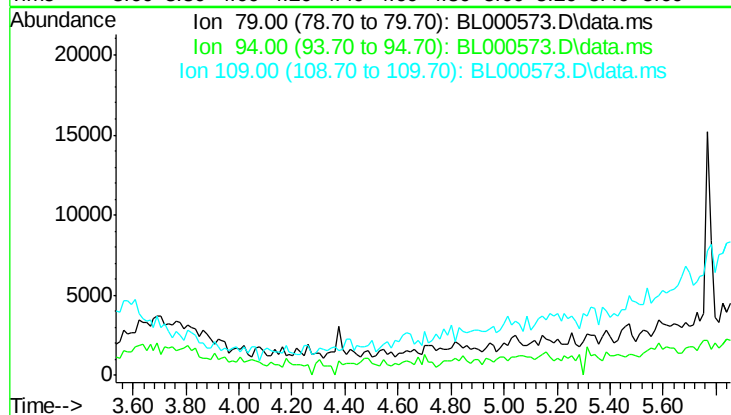
Tgt Ion: 79

Sig Exp Ratio

79 100

94 130.0

109 57.7



#4

DIMP

Concen: N.D.

Expected RT: 5.96 min

Lab File: BL000573.D

Acq: 16 Feb 2012 17:25

Tgt Ion: 97

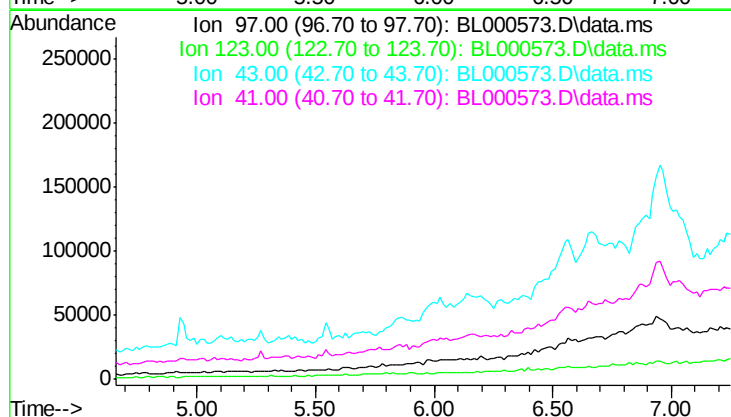
Sig Exp Ratio

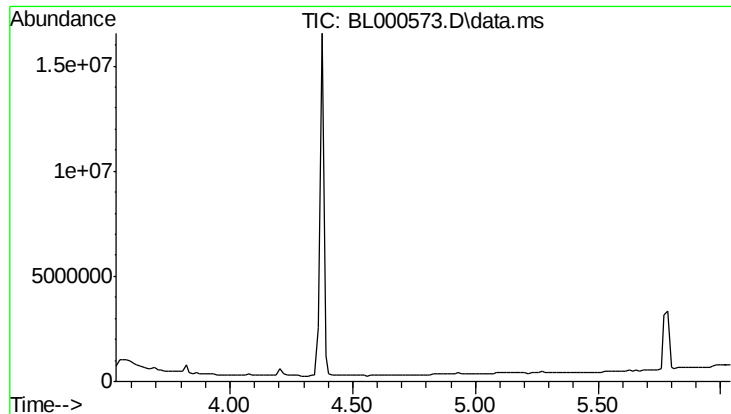
97 100

123 53.3

43 20.8

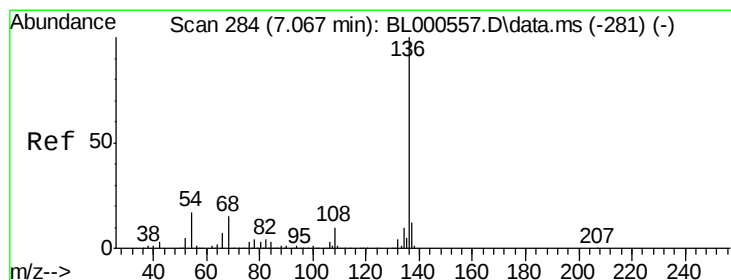
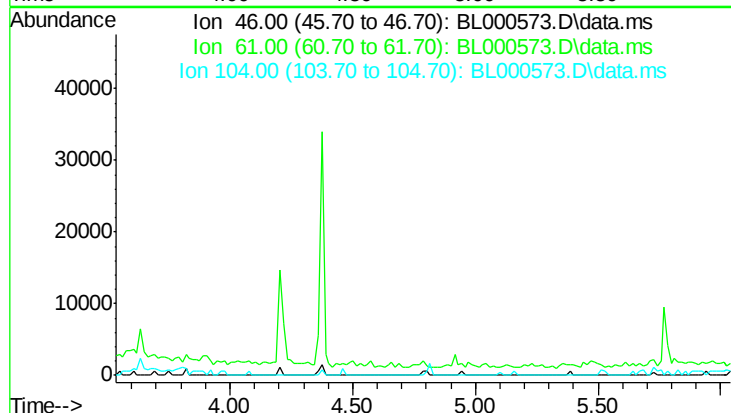
41 9.2





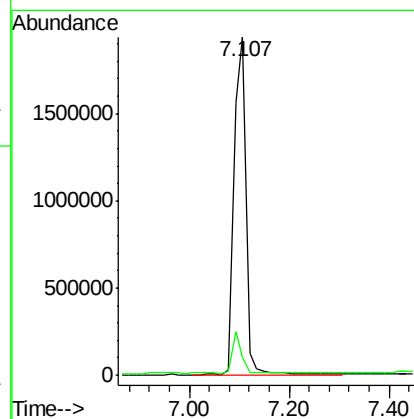
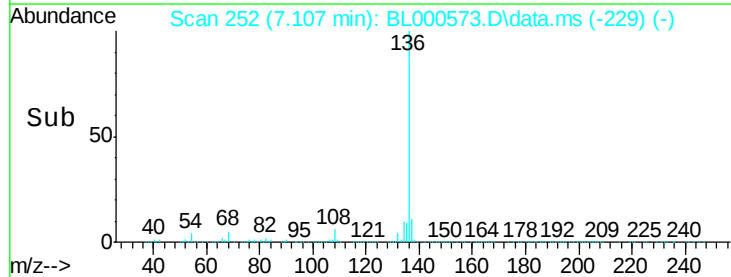
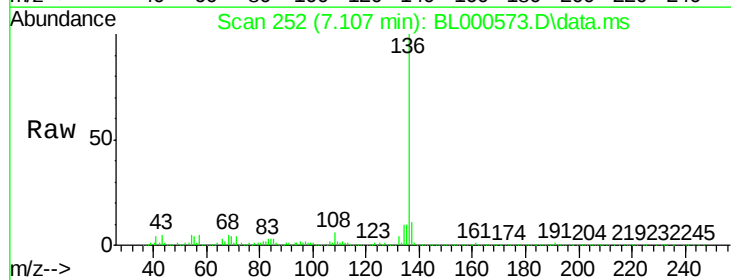
#5
 1,4-Oxathiane
 Concen: N.D.
 Expected RT: 4.75 min
 Lab File: BL000573.D
 Acq: 16 Feb 2012 17:25

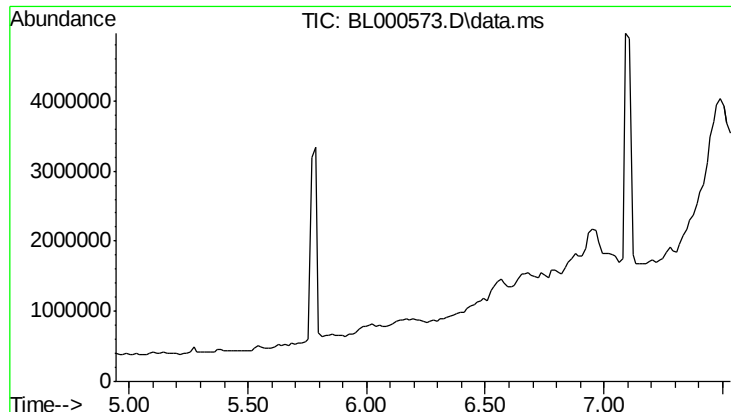
Tgt Ion	Exp Ratio
46	100
61	40.5
104	30.5



#6
 Naphthalene-d8
 Concen: 2.00 ug/mL
 RT: 7.107 min Scan# 252
 Delta R.T. 0.027 min
 Lab File: BL000573.D
 Acq: 16 Feb 2012 17:25

Tgt Ion	Resp	Lower	Upper
136	3229726		
68	100	5.4	29.7





#7

1,4-Dithiane

Concen: N.D.

Expected RT: 6.24 min

Lab File: BL000573.D

Acq: 16 Feb 2012 17:25

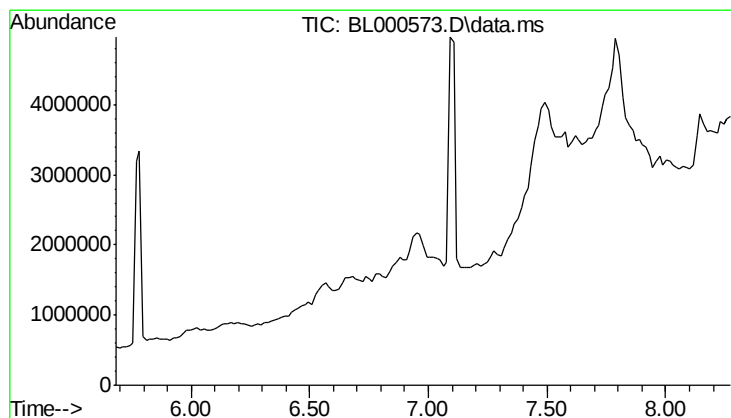
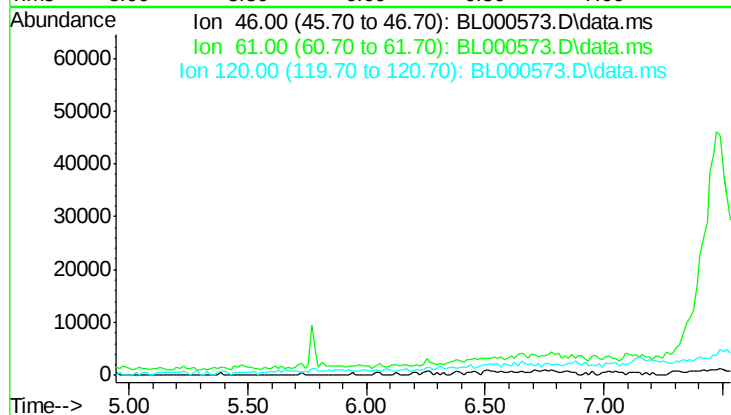
Tgt Ion: 46

Sig Exp Ratio

46 100

61 112.6

120 243.6



#8

Thiodiglycol

Concen: N.D.

Expected RT: 6.98 min

Lab File: BL000573.D

Acq: 16 Feb 2012 17:25

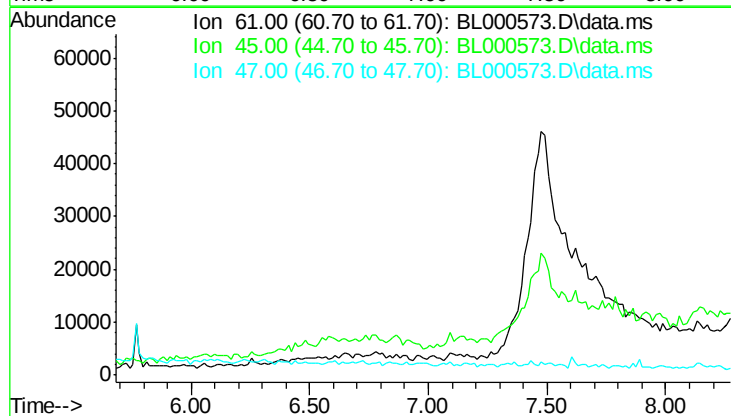
Tgt Ion: 61

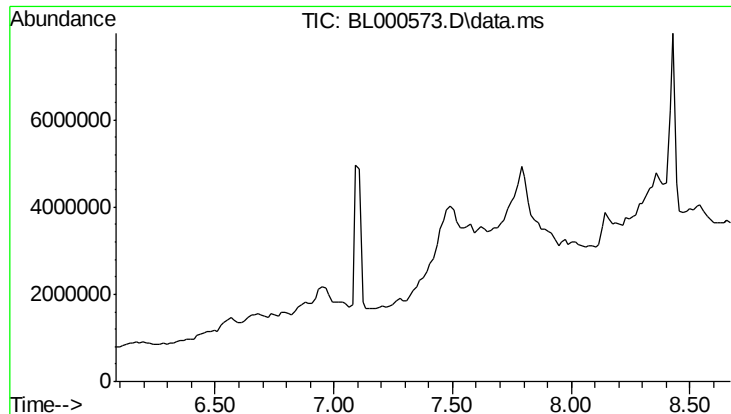
Sig Exp Ratio

61 100

45 69.8

47 27.9





#9

Benzothiazole

Concen: N.D.

Expected RT: 7.38 min

Lab File: BL000573.D

Acq: 16 Feb 2012 17:25

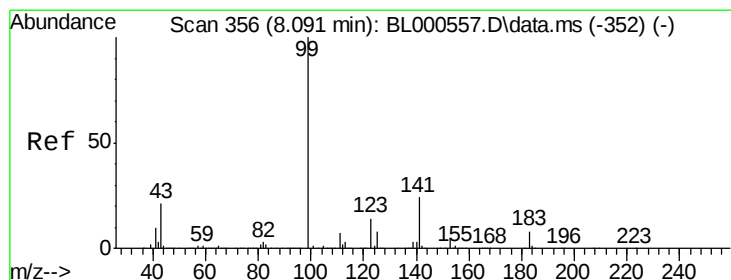
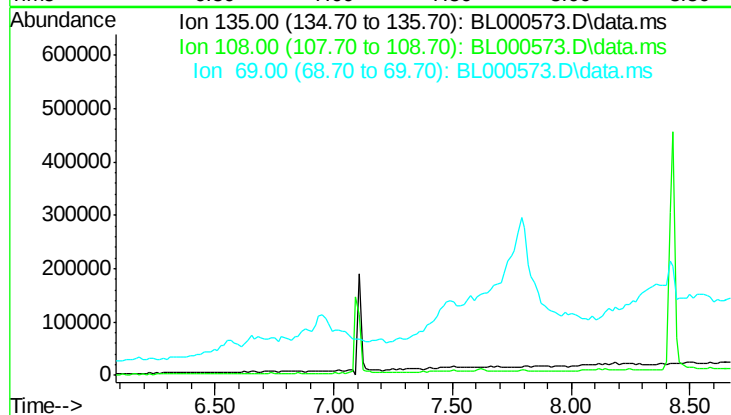
Tgt Ion: 135

Sig Exp Ratio

135 100

108 60.1

69 23.2



#10

Tripropylphosphate

Concen: 0.54 ug/mL

RT: 8.145 min Scan# 325

Delta R.T. 0.042 min

Lab File: BL000573.D

Acq: 16 Feb 2012 17:25

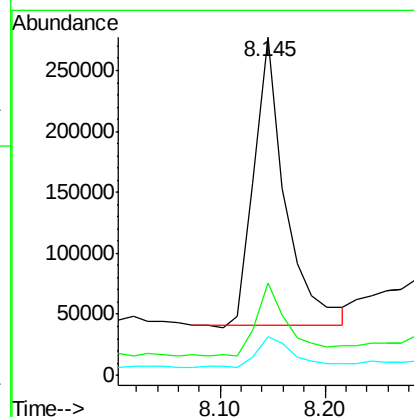
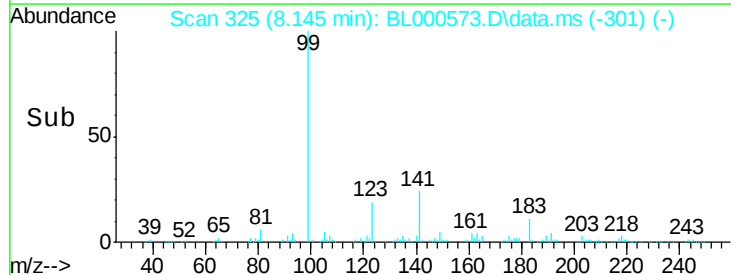
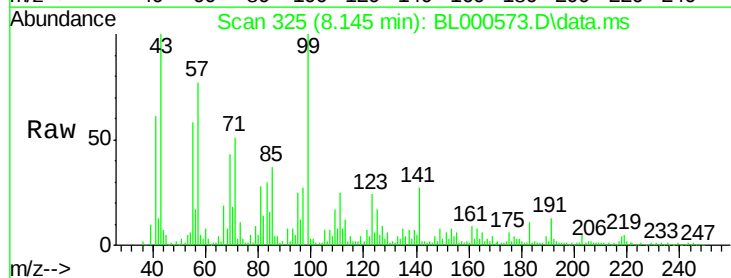
Tgt Ion: 99 Resp: 492306

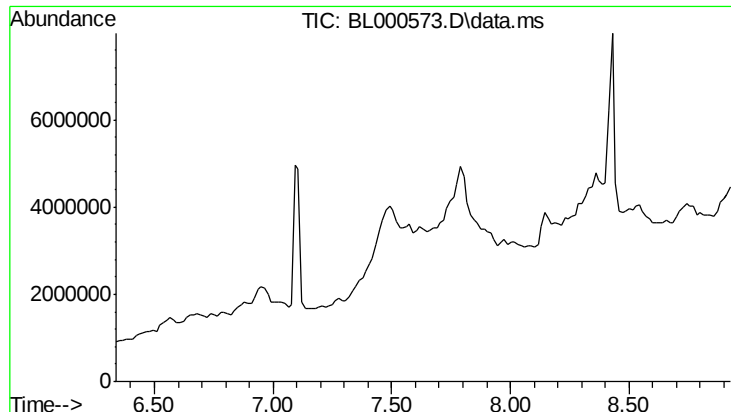
Ion Ratio Lower Upper

99 100

141 25.5 19.2 28.8

183 13.3 7.8 11.8#

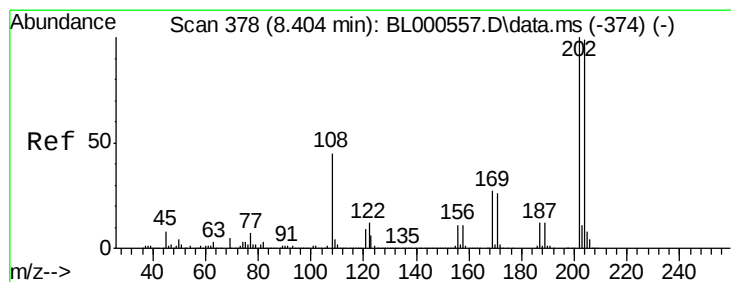
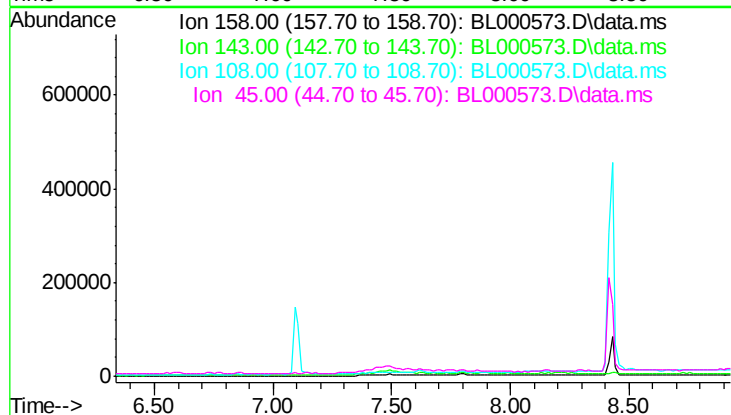




#11
p-Chlorophenylmethylsulfide
Concen: N.D.
Expected RT: 7.63 min

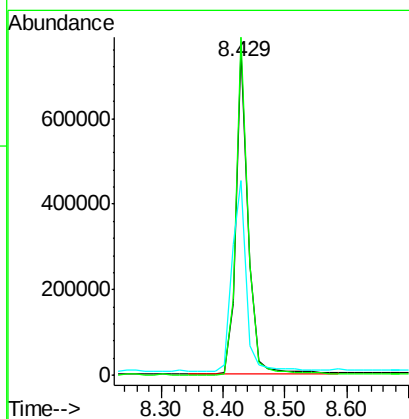
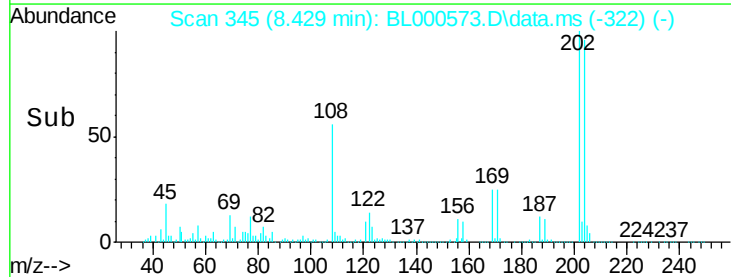
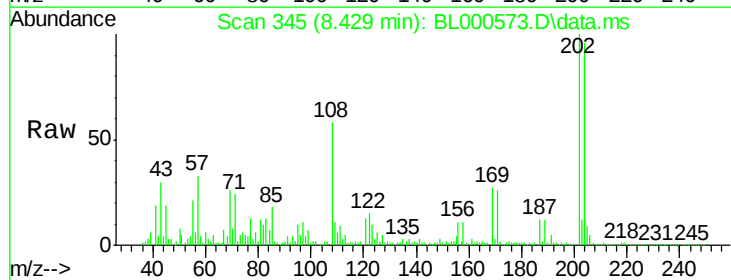
Lab File: BL000573.D
Acq: 16 Feb 2012 17:25

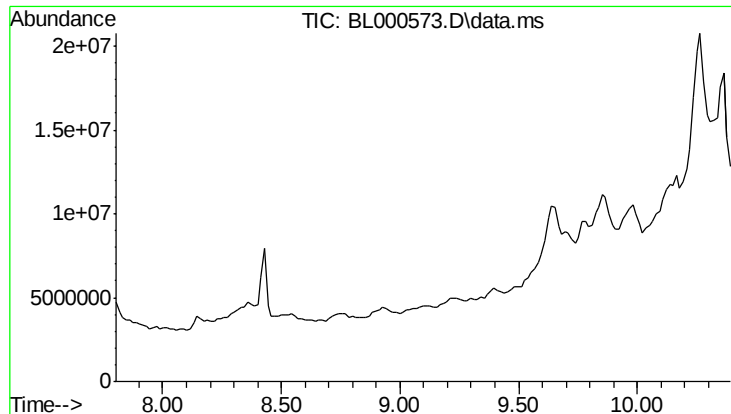
Tgt Ion: 158
Sig Exp Ratio
158 100
143 45.2
108 20.2
45 3.9



#12
2-Bromothioanisole
Concen: 5.20 ug/mL
RT: 8.429 min Scan# 345
Delta R.T. 0.027 min
Lab File: BL000573.D
Acq: 16 Feb 2012 17:25

Tgt Ion: 204 Resp: 1076132
Ion Ratio Lower Upper
204 100
202 103.9 82.6 122.6
108 60.0 101.9 141.9#

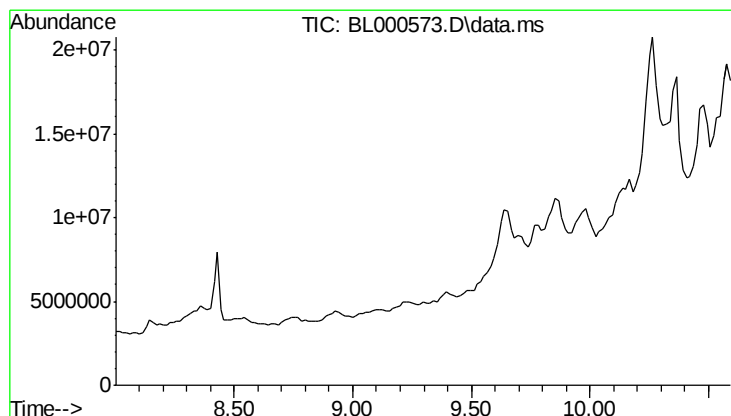
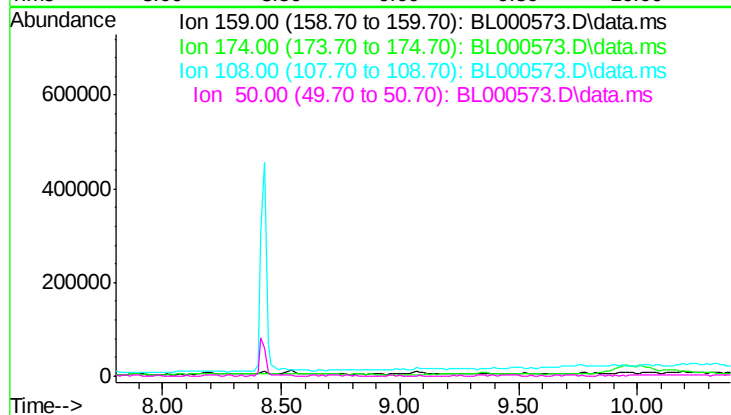




#13
 p-Chlorophenylmethysulfoxide
 Concen: N.D.
 Expected RT: 9.10 min

Lab File: BL000573.D
 Acq: 16 Feb 2012 17:25

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



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

Lab File: BL000573.D
 Acq: 16 Feb 2012 17:25

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

