

Data File : H:\VOL1\GCMSDATA\L\120216\BL000574.D
 Acq On : 16 Feb 2012 17:43
 Sample : PB61092BS
 Misc : WATER BNA L HLM
 MS Integration Params: rteint.p
 Quant Time: Feb 17 10:24 2012

Vial: 11
 Operator: HLM
 Inst : BNA L
 Multiplr: 1.00

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	5.79	152	1034852	2.00	ug/mL	0.03
6) Naphthalene-d8	7.10	136	3409776	2.00	ug/mL	0.02

System Monitoring Compounds

10) Tripropylphosphate	8.12	99	508841m	0.53	ug/mL	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery	=	106.00%	
12) 2-Bromothioanisole	8.42	204	1112914	5.09	ug/mL	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery	=	101.80%	

Target Compounds

					Ovalue
2) Dimethyl Disulfide	3.88	94	1987137m	3.31	ug/mL
3) DMMP	4.65	79	884745	2.31	ug/mL# 79
4) DIMP	6.02	97	1814712	2.19	ug/mL# 76
5) 1,4-Oxathiane	4.82	46	2571141	4.65	ug/mL# 77
7) 1,4-Dithiane	6.26	46	1482565	4.59	ug/mL# 79
8) Thiodiglycol	7.01	61	9893402	36.30	ug/mL 97
9) Benzothiazole	7.40	135	8132711	17.68	ug/mL# 73
11) p-Chlorophenylmethyldisulfide	7.64	158	5646714	10.87	ug/mL 81
13) p-Chlorophenylmethyldisulfox	9.13	159	3204953	14.30	ug/mL 97
14) p-Chlorophenylmethyldisulfon	9.33	111	3486110	10.68	ug/mL 93

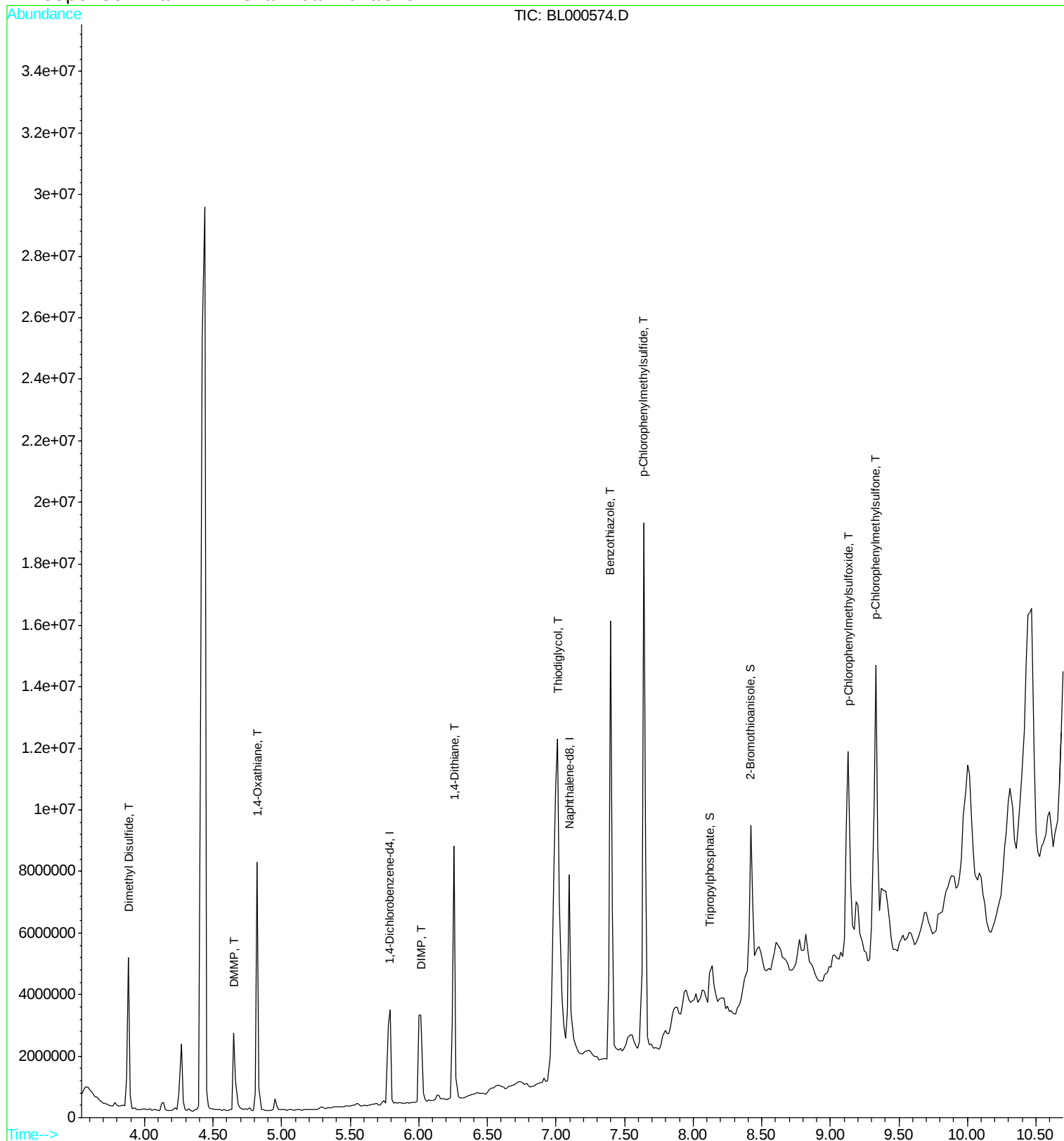
Quantitation Report

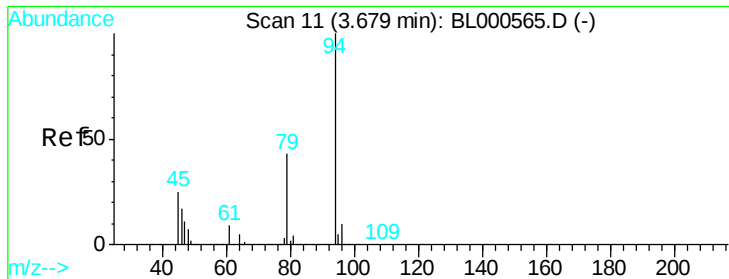
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Quant Results File: BL021512.RES

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

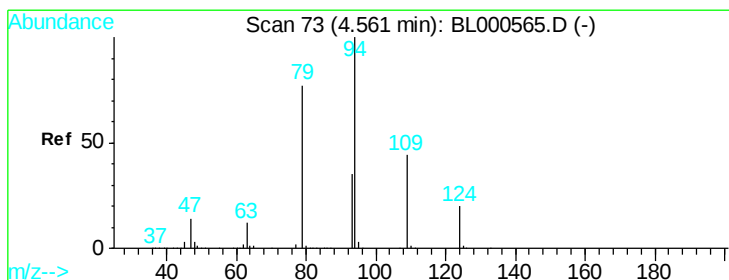
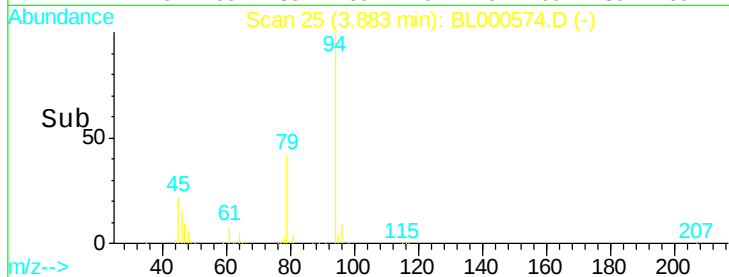
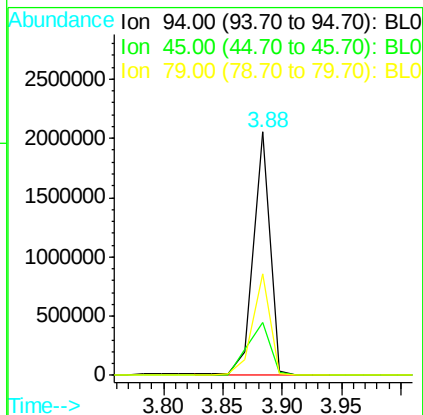
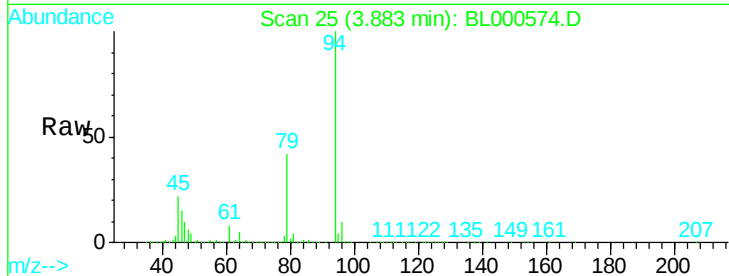




#2

Dimethyl Disulfide
Concen: 3.31 ug/mL m
RT: 3.88 min Scan# 25
Delta R.T. 0.20 min
Lab File: BL000574.D
Acq: 16 Feb 2012 17:43

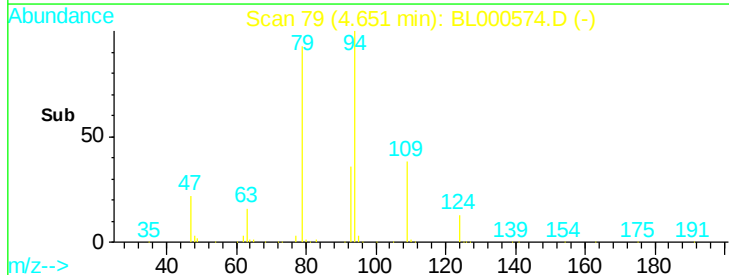
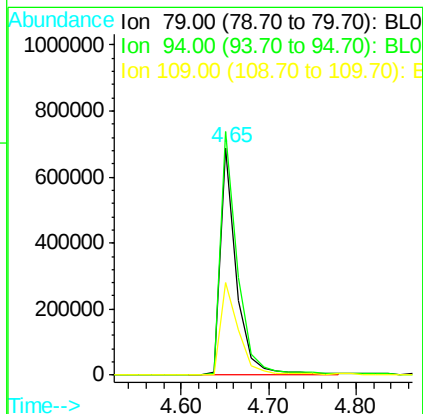
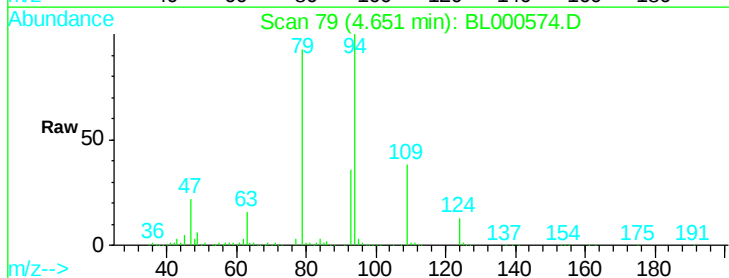
Tgt Ion: 94 Resp: 1987137
Ion Ratio Lower Upper
94 100
45 21.9 4.8 44.8
79 41.9 22.7 62.7

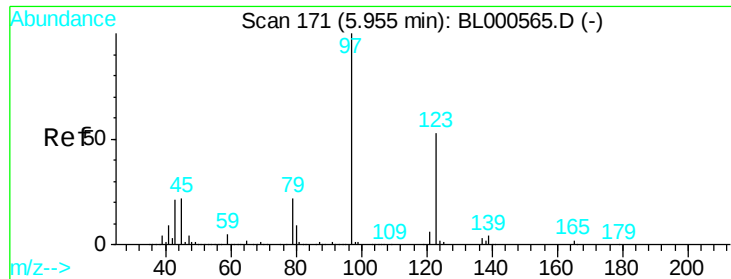


#3

DMMP
Concen: 2.31 ug/mL
RT: 4.65 min Scan# 79
Delta R.T. 0.09 min
Lab File: BL000574.D
Acq: 16 Feb 2012 17:43

Tgt Ion: 79 Resp: 884745
Ion Ratio Lower Upper
79 100
94 107.3 110.0 150.0#
109 40.6 37.7 77.7





#4

DIMP

Concen: 2.19 ug/mL

RT: 6.02 min Scan# 175

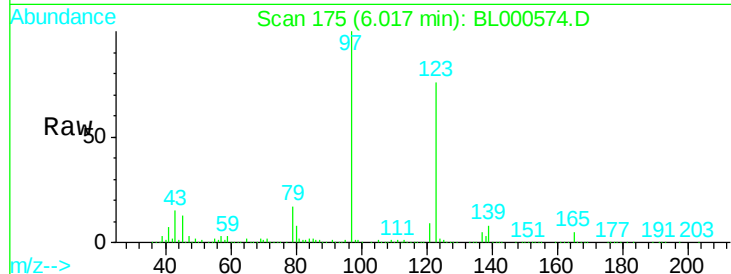
Delta R.T. 0.06 min

Lab File: BL000574.D

Acq: 16 Feb 2012 17:43

Tgt Ion: 97 Resp: 1814712

Ion	Ratio	Lower	Upper
97	100		
123	75.5	33.3	73.3#
43	15.3	0.8	40.8
41	6.7	0.0	29.2



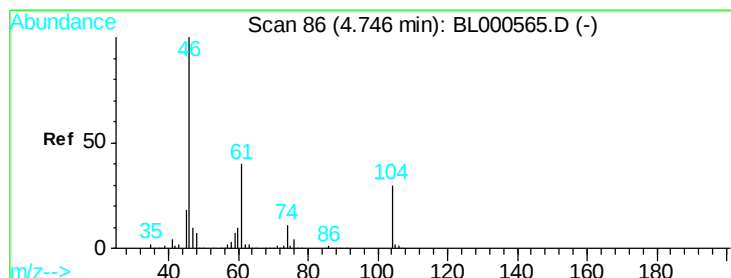
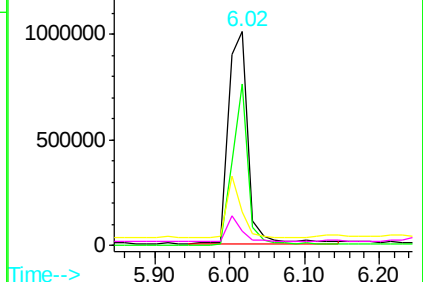
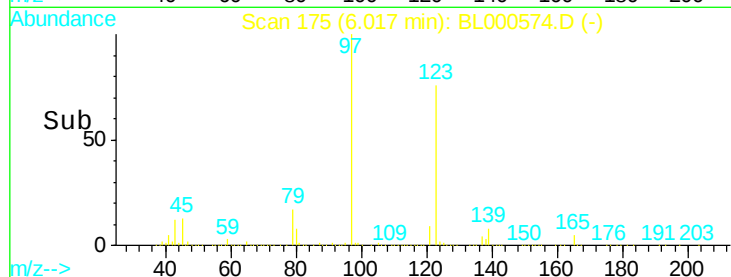
Abundance

Ion 97.00 (96.70 to 97.70): BL0

Ion 123.00 (122.70 to 123.70): BL0

Ion 43.00 (42.70 to 43.70): BL0

Ion 41.00 (40.70 to 41.70): BL0



#5

1,4-Oxathiane

Concen: 4.65 ug/mL

RT: 4.82 min Scan# 91

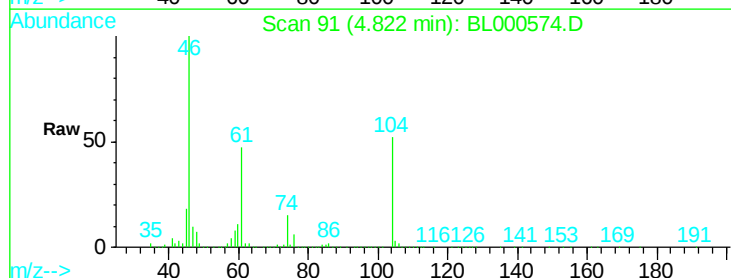
Delta R.T. 0.08 min

Lab File: BL000574.D

Acq: 16 Feb 2012 17:43

Tgt Ion: 46 Resp: 2571141

Ion	Ratio	Lower	Upper
46	100		
61	46.7	20.5	60.5
104	51.9	10.5	50.5#

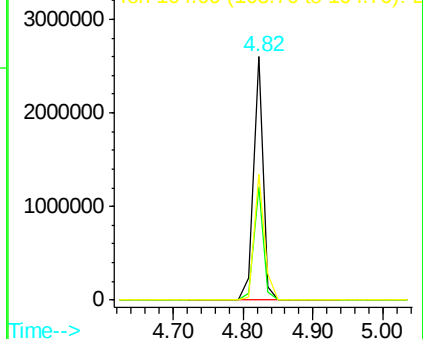
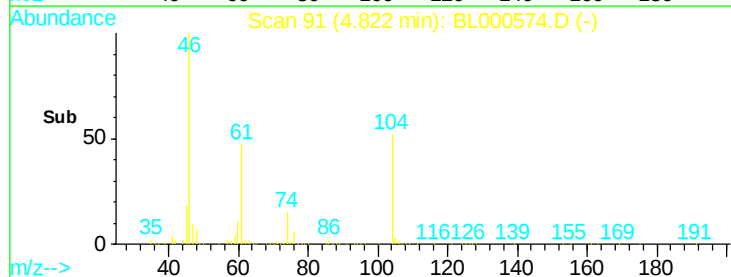


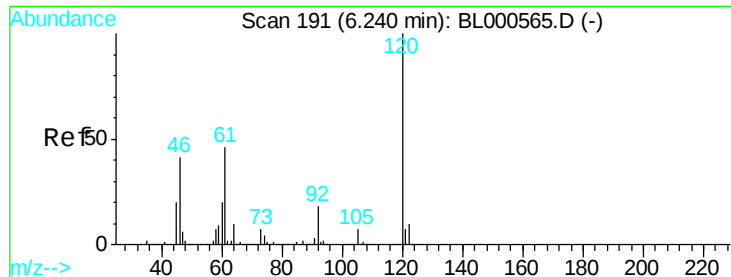
Abundance

Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 104.00 (103.70 to 104.70): BL0





#7

1,4-Dithiane

Concen: 4.59 ug/mL

RT: 6.26 min Scan# 192

Delta R.T. 0.02 min

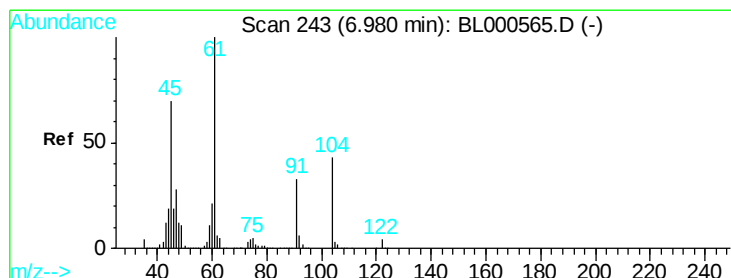
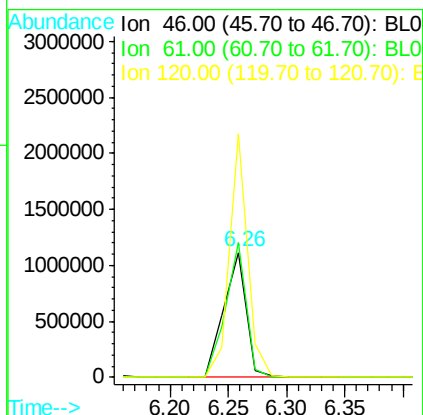
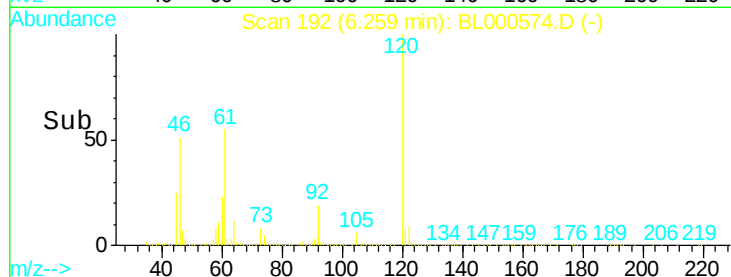
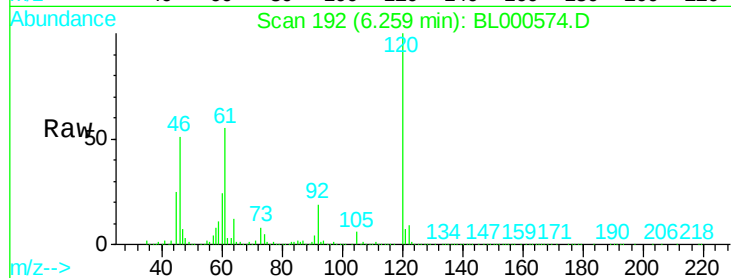
Lab File: BL000574.D

Acq: 16 Feb 2012 17:43

Tgt Ion: 46 Resp: 1482565

Ion Ratio Lower Upper

46	100		
61	107.6	92.6	132.6
120	194.6	223.6	263.6#



#8

Thiodiglycol

Concen: 36.30 ug/mL

RT: 7.01 min Scan# 245

Delta R.T. 0.03 min

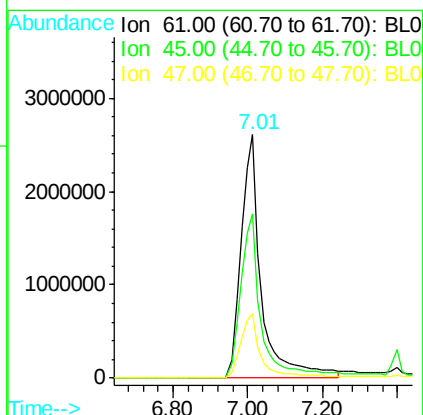
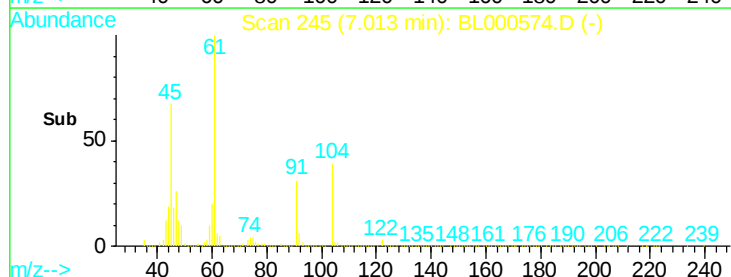
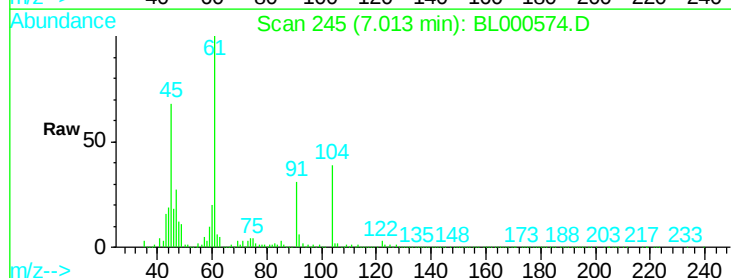
Lab File: BL000574.D

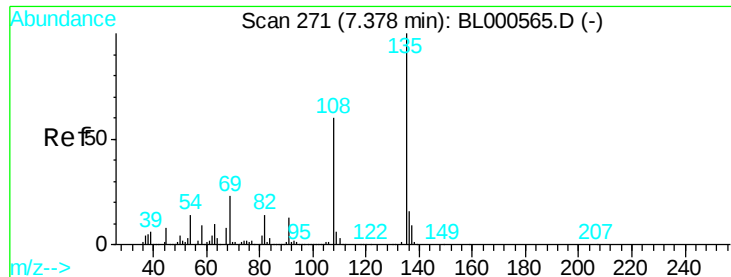
Acq: 16 Feb 2012 17:43

Tgt Ion: 61 Resp: 9893402

Ion Ratio Lower Upper

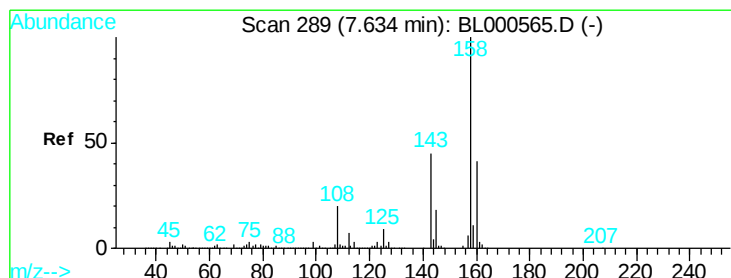
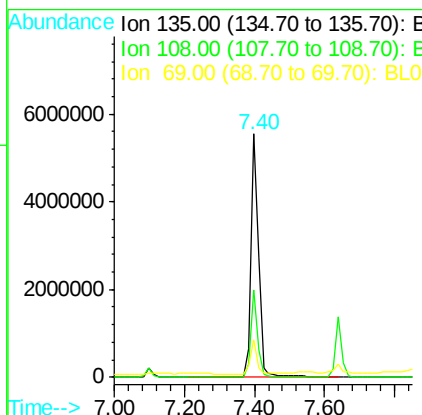
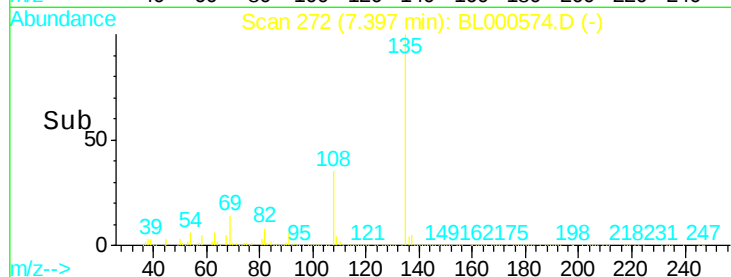
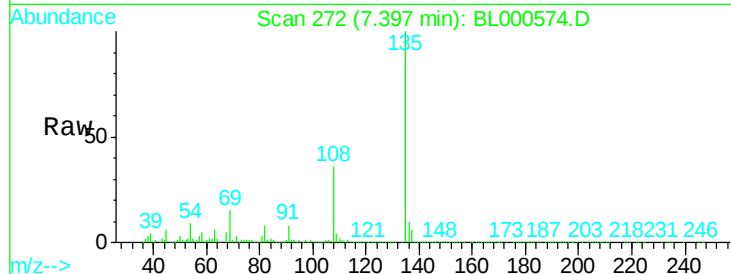
61	100		
45	67.5	49.8	89.8
47	26.6	7.9	47.9





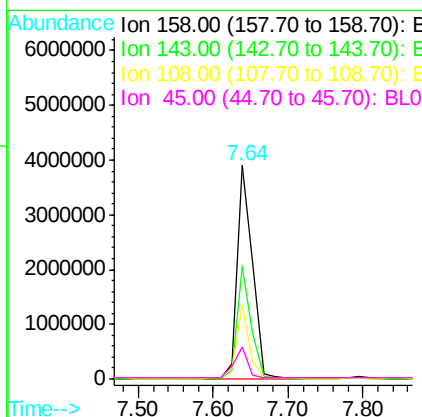
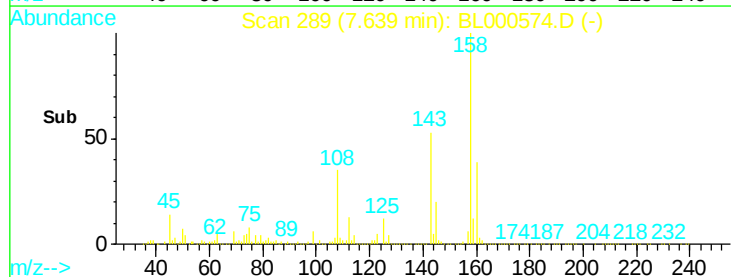
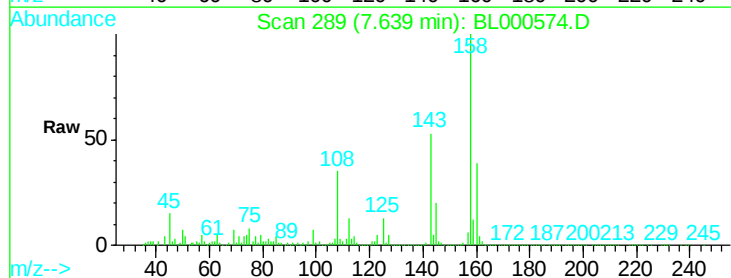
#9
Benzothiazole
Concen: 17.68 ug/mL
RT: 7.40 min Scan# 272
Delta R.T. 0.02 min
Lab File: BL000574.D
Acq: 16 Feb 2012 17:43

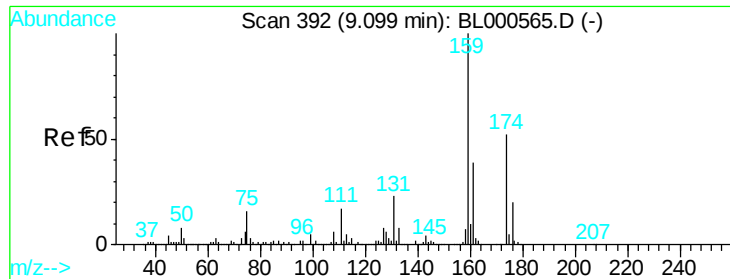
Tgt Ion:135 Resp: 8132711
Ion Ratio Lower Upper
135 100
108 36.0 40.1 80.1#
69 15.4 3.2 43.2



#11
p-Chlorophenylmethylsulfide
Concen: 10.87 ug/mL
RT: 7.64 min Scan# 289
Delta R.T. 0.00 min
Lab File: BL000574.D
Acq: 16 Feb 2012 17:43

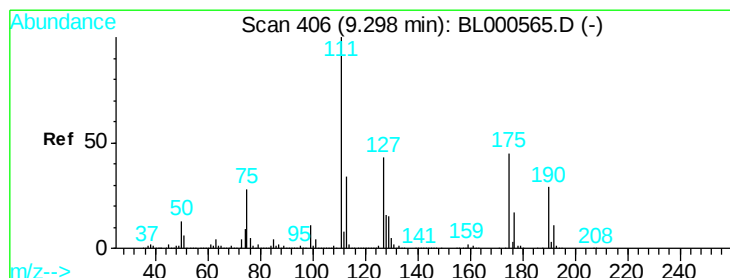
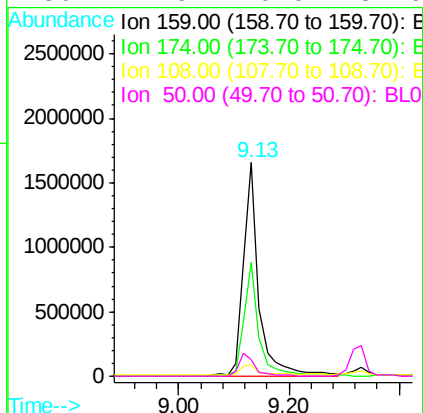
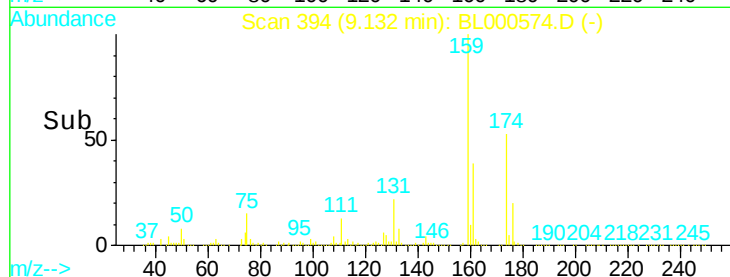
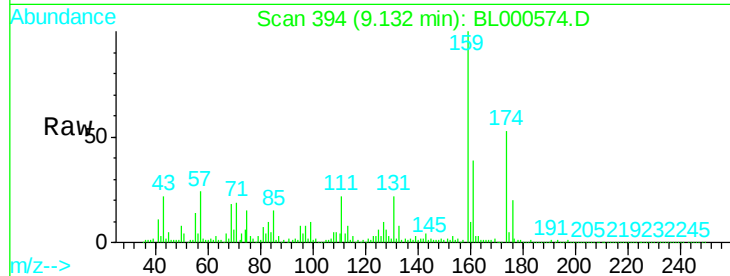
Tgt Ion:158 Resp: 5646714
Ion Ratio Lower Upper
158 100
143 52.7 25.2 65.2
108 35.1 0.2 40.2
45 14.9 0.0 23.9





#13
p-Chlorophenylmethylsulfoxide
Concen: 14.30 ug/mL
RT: 9.13 min Scan# 394
Delta R.T. 0.03 min
Lab File: BL000574.D
Acq: 16 Feb 2012 17:43

Tgt Ion:159 Resp: 3204953
Ion Ratio Lower Upper
159 100
174 53.6 30.8 70.8
108 6.0 0.0 27.0
50 11.9 0.0 32.6



#14
p-Chlorophenylmethylsulfone
Concen: 10.68 ug/mL
RT: 9.33 min Scan# 408
Delta R.T. 0.03 min
Lab File: BL000574.D
Acq: 16 Feb 2012 17:43

Tgt Ion:111 Resp: 3486110
Ion Ratio Lower Upper
111 100
75 25.4 8.0 48.0
127 46.1 23.3 63.3
190 35.6 8.7 48.7

