

Data File : H:\VOL1\GCMSDATA\L\120216\BL000575.D
 Acq On : 16 Feb 2012 18:01
 Sample : PB61092BSD
 Misc : WATER BNA L HLM
 MS Integration Params: rteint.p
 Quant Time: Feb 17 10:24 2012

Vial: 12
 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	1058011	2.00	ug/mL	0.03
6) Naphthalene-d8	7.10	136	3542479	2.00	ug/mL	0.02

System Monitoring Compounds

10) Tripropylphosphate	8.12	99	564191	0.56	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	112.00%
12) 2-Bromothioanisole	8.42	204	1183951	5.21	ug/mL	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%

Target Compounds

					Ovalue
2) Dimethyl Disulfide	3.87	94	2100237m	3.42	ug/mL
3) DMMP	4.64	79	860267	2.20	ug/mL#
4) DIMP	6.00	97	1991344	2.34	ug/mL
5) 1,4-Oxathiane	4.82	46	2443442	4.32	ug/mL#
7) 1,4-Dithiane	6.26	46	1512429	4.51	ug/mL#
8) Thiodiglycol	7.01	61	11414908	40.07	ug/mL
9) Benzothiazole	7.39	135	8379550	17.51	ug/mL#
11) p-Chlorophenylmethyldisulfide	7.64	158	5687831	10.54	ug/mL
13) p-Chlorophenylmethyldisulfox	9.13	159	3610910	15.51	ug/mL
14) p-Chlorophenylmethyldisulfon	9.33	111	3980017	11.74	ug/mL

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Quant Time: Feb 17 10:24 2012

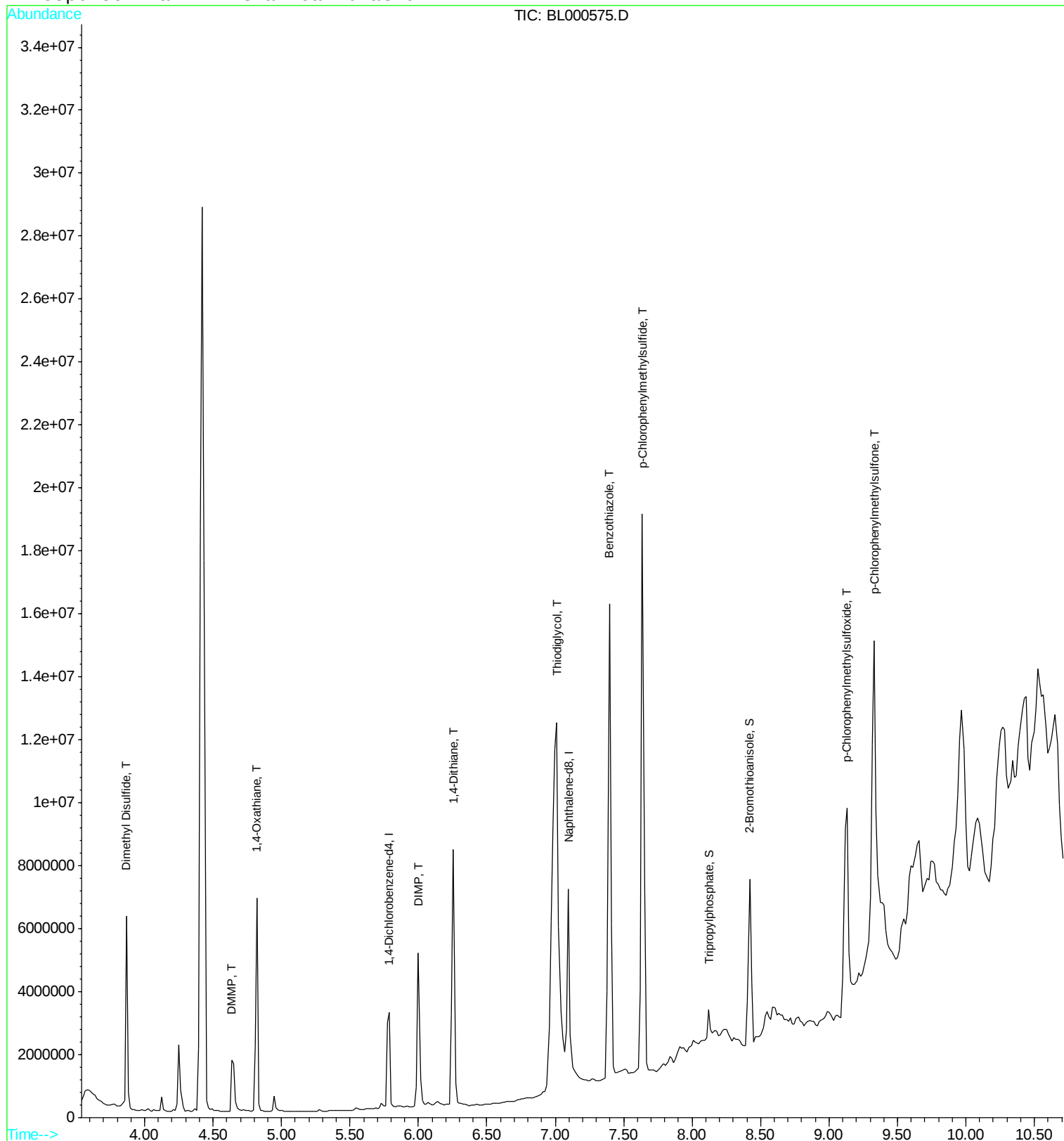
Quant Results File: BL021512.RES

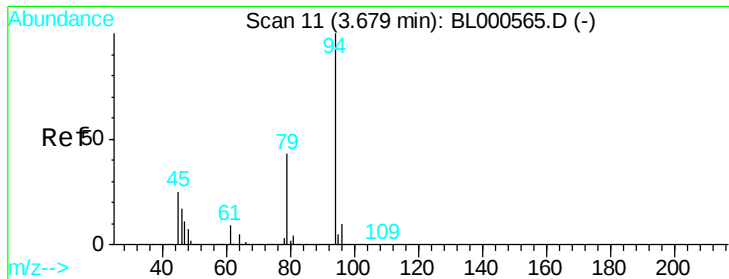
Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Feb 17 10:16:01 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 3.42 ug/mL m

RT: 3.87 min Scan# 24

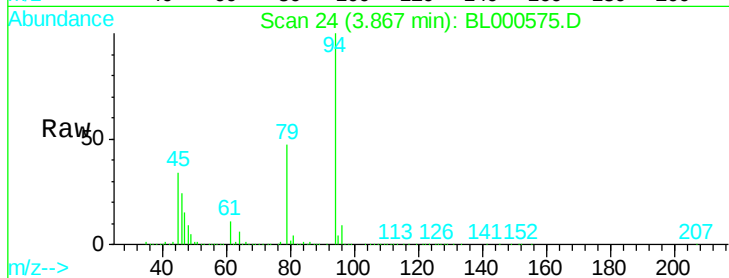
Delta R.T. 0.19 min

Lab File: BL000575.D

Acq: 16 Feb 2012 18:01

Tgt Ion: 94 Resp: 2100237

Ion	Ratio	Lower	Upper
94	100		
45	33.7	4.8	44.8
79	47.3	22.7	62.7

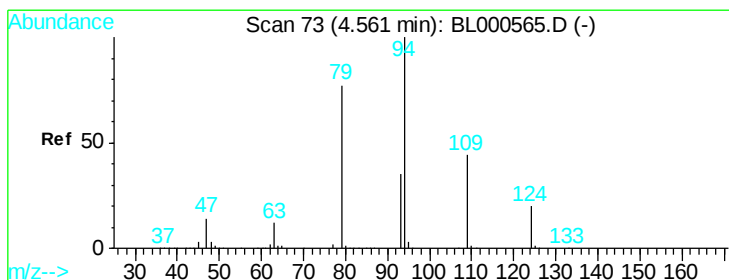
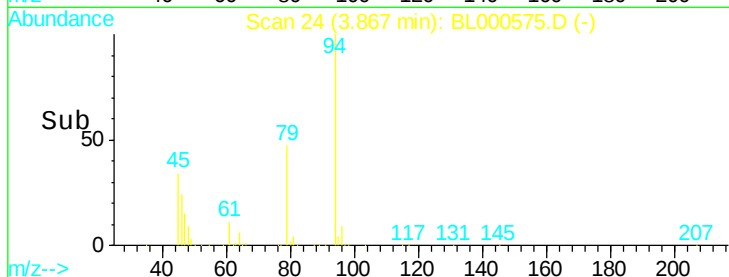
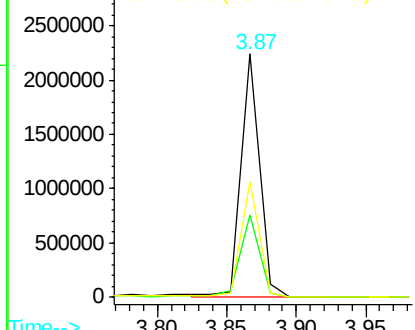


Abundance

Ion 94.00 (93.70 to 94.70): BL0

Ion 45.00 (44.70 to 45.70): BL0

Ion 79.00 (78.70 to 79.70): BL0



#3

DMMP

Concen: 2.20 ug/mL

RT: 4.64 min Scan# 78

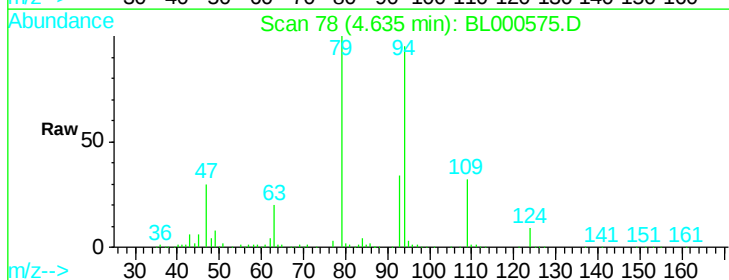
Delta R.T. 0.07 min

Lab File: BL000575.D

Acq: 16 Feb 2012 18:01

Tgt Ion: 79 Resp: 860267

Ion	Ratio	Lower	Upper
79	100		
94	94.5	110.0	150.0#
109	31.5	37.7	77.7#

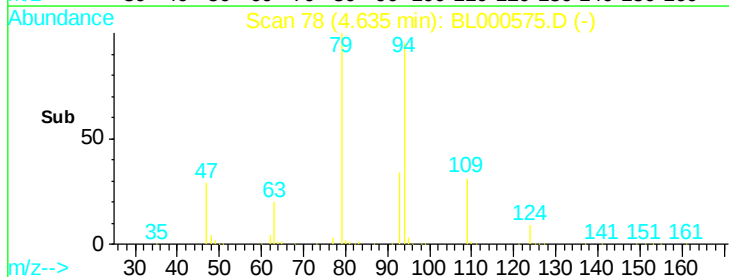
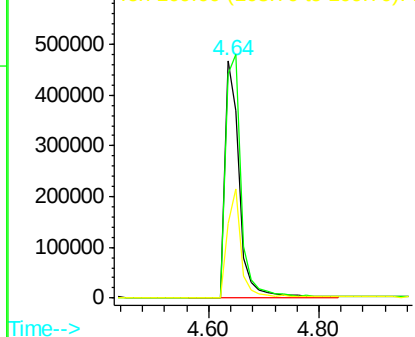


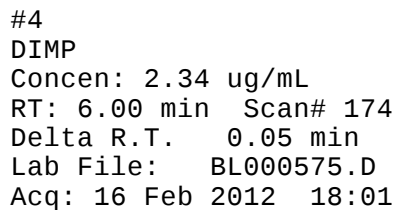
Abundance

Ion 79.00 (78.70 to 79.70): BL0

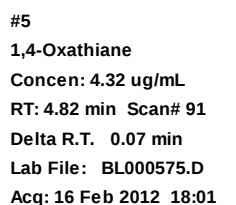
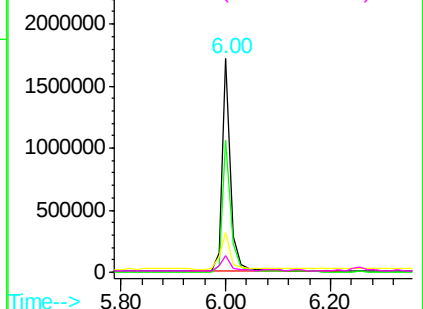
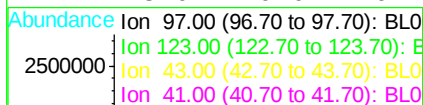
Ion 94.00 (93.70 to 94.70): BL0

Ion 109.00 (108.70 to 109.70): BL0

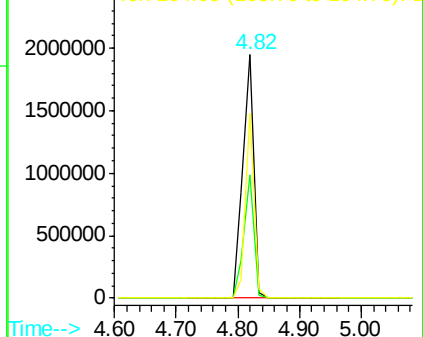
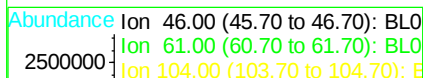


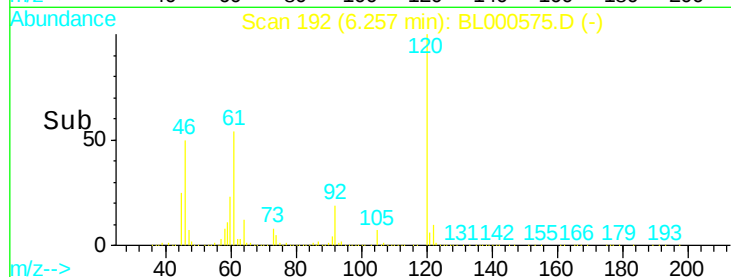
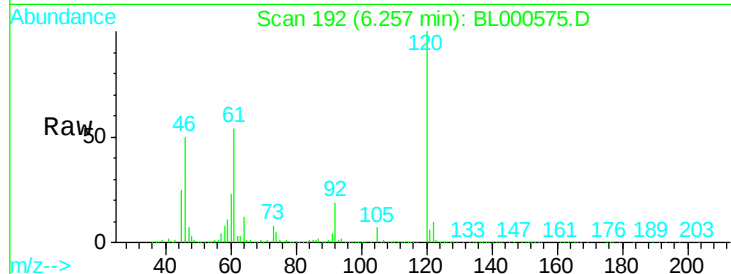
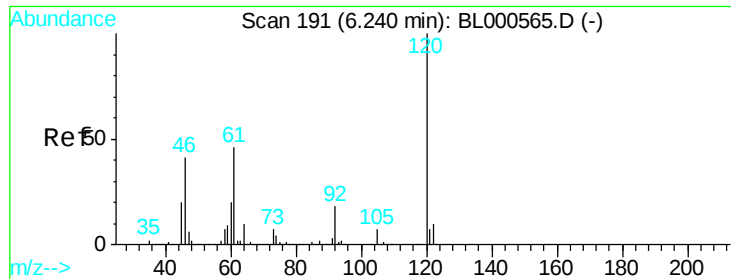


Tgt	Ion: 97	Resp: 1991344	
Ion	Ratio	Lower	Upper
97	100		
123	61.8	33.3	73.3
43	18.9	0.8	40.8
41	8.0	0.0	29.2



Tgt Ion: 46 Resp: 2443442			
Ion Ratio	Lower	Upper	
46	100		
61	50.9	20.5	60.5
104	75.7	10.5	50.5#





#7

1,4-Dithiane

Concen: 4.51 ug/mL

RT: 6.26 min Scan# 192

Delta R.T. 0.02 min

Lab File: BL000575.D

Acq: 16 Feb 2012 18:01

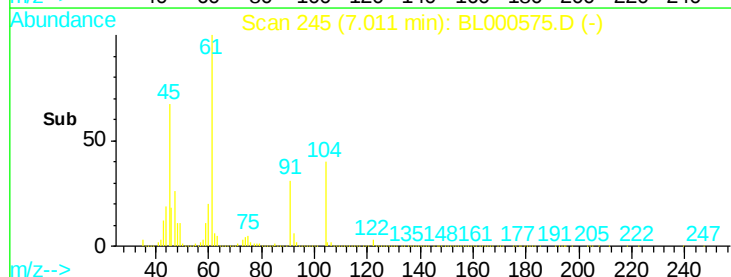
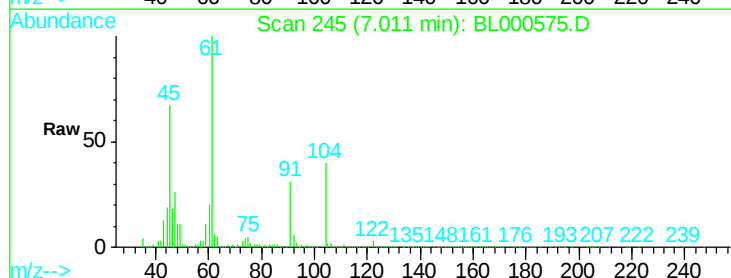
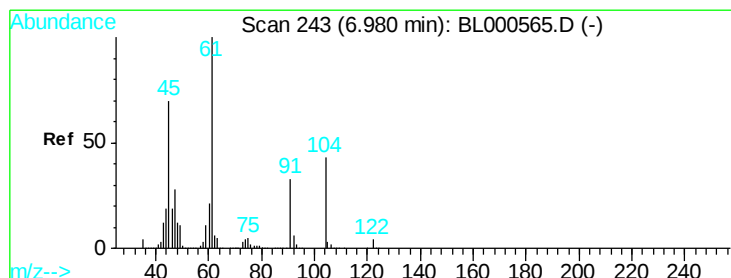
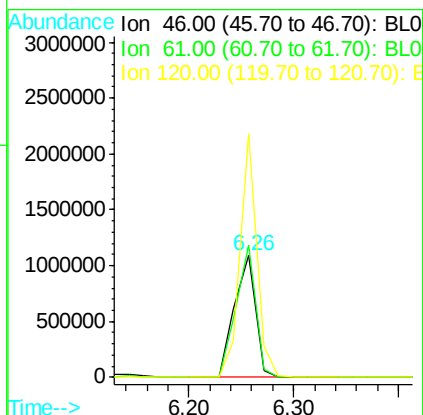
Tgt Ion: 46 Resp: 1512429

Ion Ratio Lower Upper

46 100

61 108.7 92.6 132.6

120 200.5 223.6 263.6#



#8

Thiodiglycol

Concen: 40.07 ug/mL

RT: 7.01 min Scan# 245

Delta R.T. 0.03 min

Lab File: BL000575.D

Acq: 16 Feb 2012 18:01

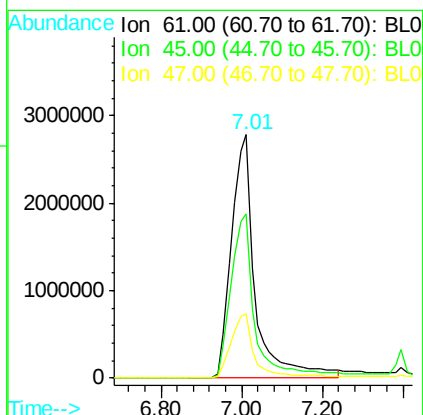
Tgt Ion: 61 Resp: 11414908

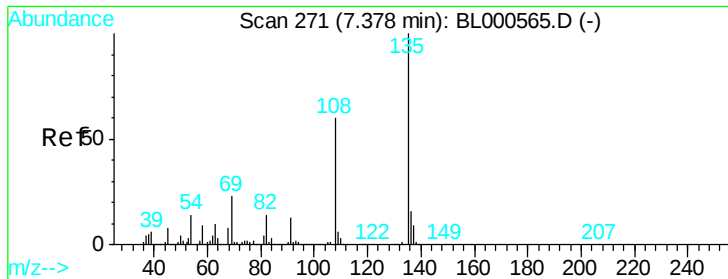
Ion Ratio Lower Upper

61 100

45 67.2 49.8 89.8

47 26.4 7.9 47.9





#9

Benzothiazole

Concen: 17.51 ug/mL

RT: 7.39 min Scan# 272

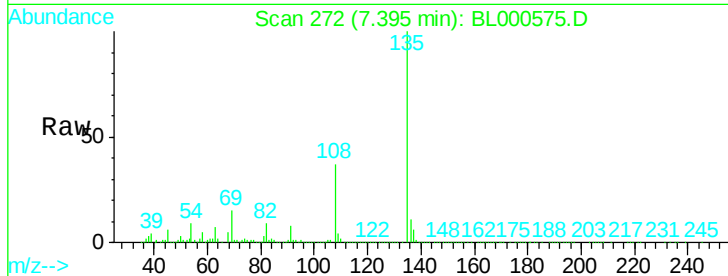
Delta R.T. 0.02 min

Lab File: BL000575.D

Acq: 16 Feb 2012 18:01

Tgt Ion:135 Resp: 8379550

Ion	Ratio	Lower	Upper
135	100		
108	36.7	40.1	80.1#
69	15.3	3.2	43.2

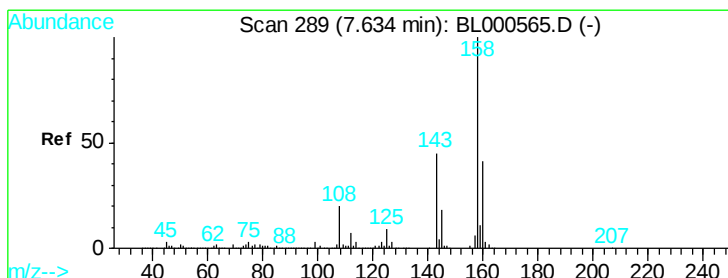
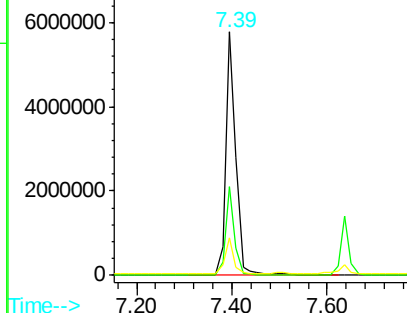
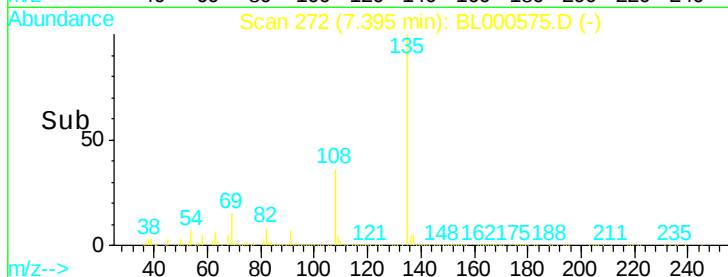


Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BL0



#11

p-Chlorophenylmethylsulfide

Concen: 10.54 ug/mL

RT: 7.64 min Scan# 289

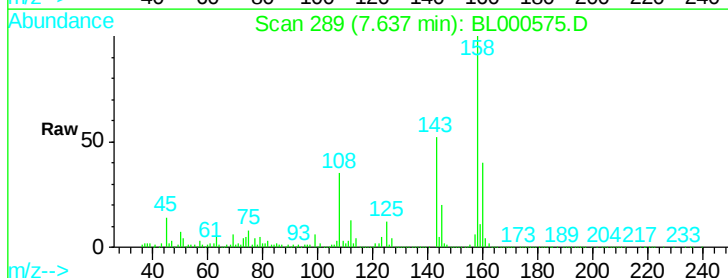
Delta R.T. 0.00 min

Lab File: BL000575.D

Acq: 16 Feb 2012 18:01

Tgt Ion:158 Resp: 5687831

Ion	Ratio	Lower	Upper
158	100		
143	52.3	25.2	65.2
108	34.6	0.2	40.2
45	14.5	0.0	23.9



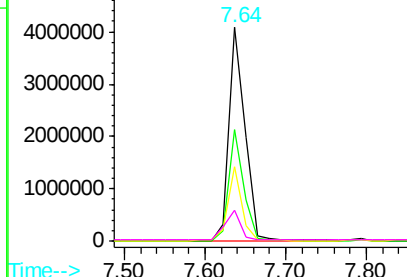
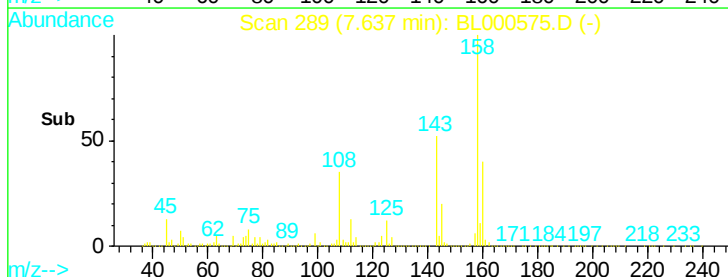
Abundance

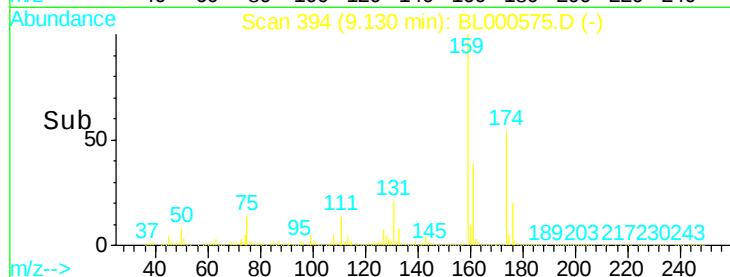
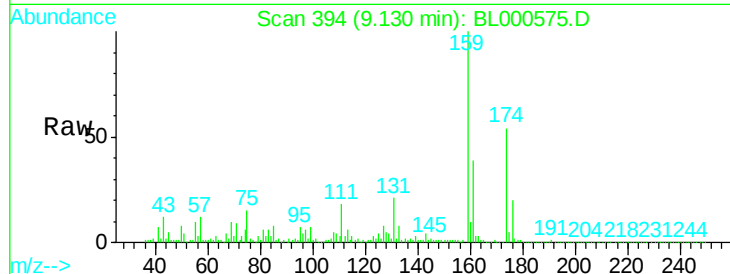
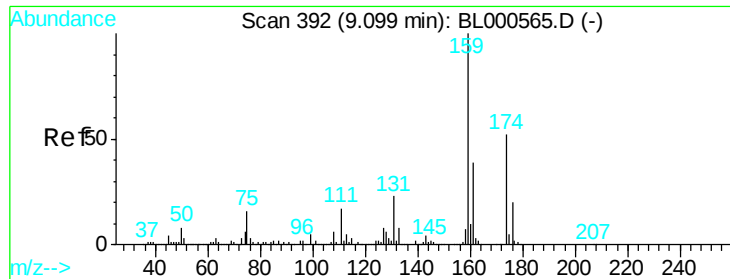
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

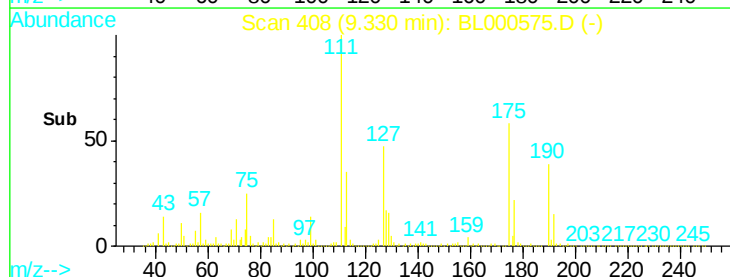
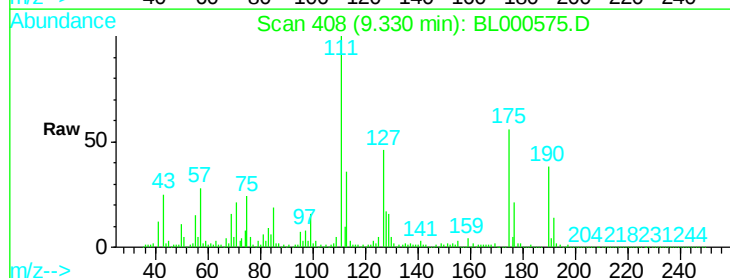
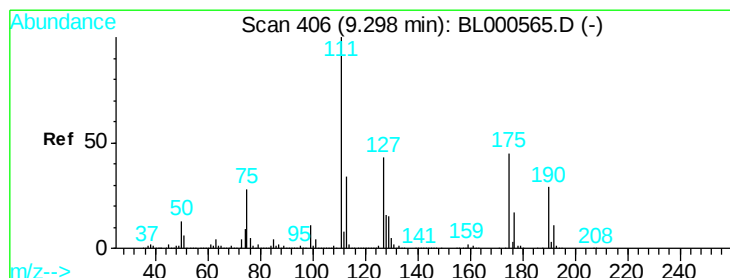
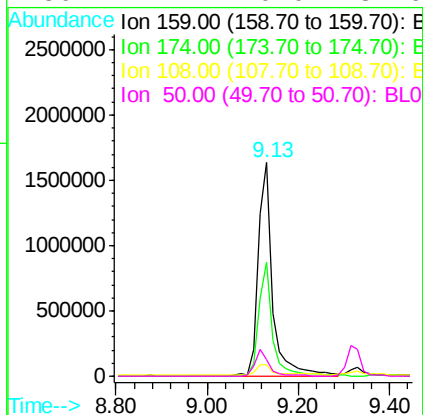
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 15.51 ug/mL
RT: 9.13 min Scan# 394
Delta R.T. 0.03 min
Lab File: BL000575.D
Acq: 16 Feb 2012 18:01

Tgt Ion:159 Resp: 3610910
Ion Ratio Lower Upper
159 100
174 52.5 30.8 70.8
108 6.4 0.0 27.0
50 12.1 0.0 32.6



#14
p-Chlorophenylmethylsulfone
Concen: 11.74 ug/mL
RT: 9.33 min Scan# 408
Delta R.T. 0.03 min
Lab File: BL000575.D
Acq: 16 Feb 2012 18:01

Tgt Ion:111 Resp: 3980017
Ion Ratio Lower Upper
111 100
75 24.1 8.0 48.0
127 46.5 23.3 63.3
190 37.8 8.7 48.7

