

Data File : H:\VOL1\GCMSDATA\L\120216\BL000569.D
 Acq On : 16 Feb 2012 16:14
 Sample : D1393-01MS
 Misc : SOIL BNA L HLM
 MS Integration Params: rteint.p
 Quant Time: Feb 17 10:21 2012

Vial: 6
 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	5.81	152	933451	2.00	ug/mL	0.06
6) Naphthalene-d8	7.09	136	3142540	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	8.12	99	504849m	0.57	ug/mL	0.01
Spiked Amount 0.500	Range 70 - 130		Recovery	=	114.00%	
12) 2-Bromothioanisole	8.42	204	980291	4.87	ug/mL	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery	=	97.40%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	3.89	94	2069607m	3.82	ug/mL	
3) DMMP	0.00	79	0	N.D.	d	
4) DIMP	6.00	97	1375082	1.85	ug/mL	87
5) 1,4-Oxathiane	0.00	46	0	N.D.	d	
7) 1,4-Dithiane	6.27	46	1638988	5.51	ug/mL#	42
8) Thiodiglycol	7.01	61	2841237m	12.89	ug/mL	
9) Benzothiazole	7.39	135	6558229	15.20	ug/mL#	60
11) p-Chlorophenylmethyldisulfide	7.63	158	4784091	9.99	ug/mL	99
13) p-Chlorophenylmethyldisulfox	9.11	159	2779167	13.45	ug/mL	99
14) p-Chlorophenylmethyldisulfon	9.31	111	2987586	9.94	ug/mL#	84

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Quant Time: Feb 17 10:21 2012

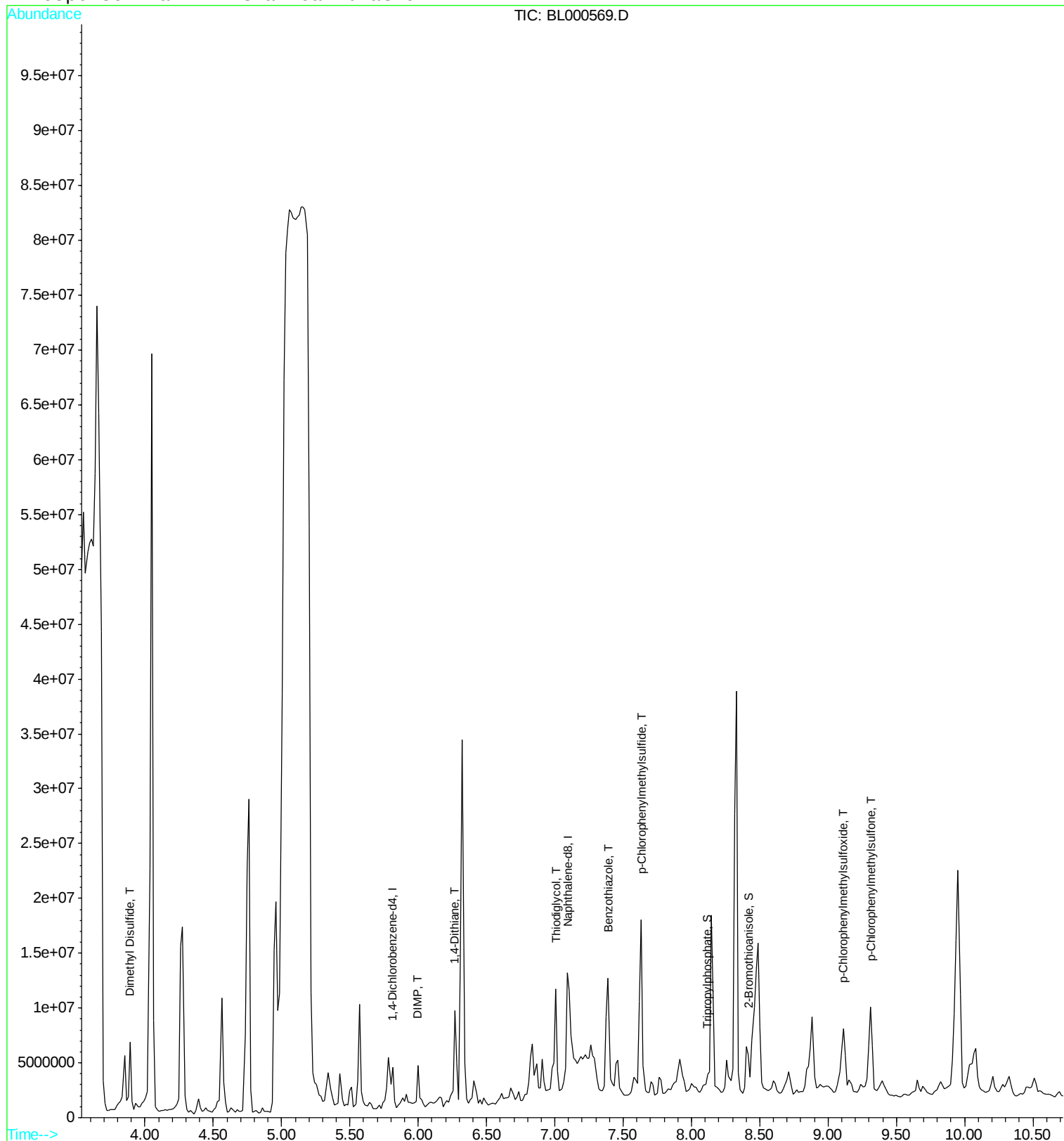
Quant Results File: BL021512.RES

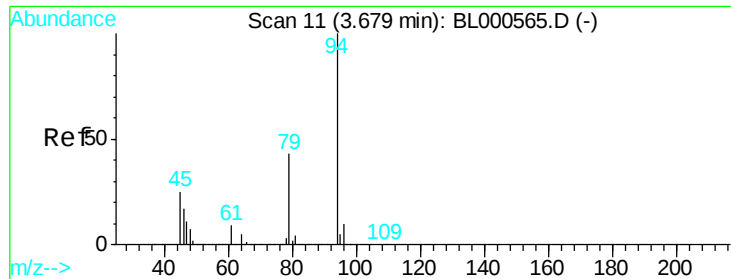
Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 3.82 ug/mL m

RT: 3.89 min Scan# 26

Delta R.T. 0.21 min

Lab File: BL000569.D

Acq: 16 Feb 2012 16:14

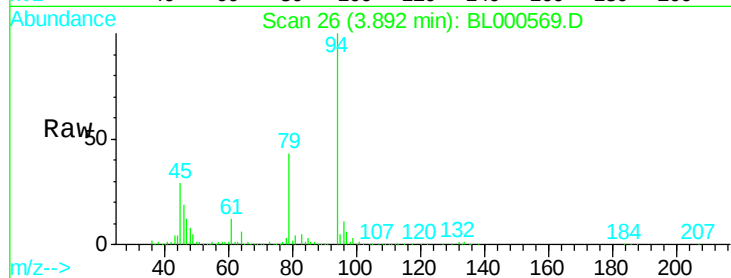
Tgt Ion: 94 Resp: 2069607

Ion Ratio Lower Upper

94 100

45 28.8 4.8 44.8

79 43.3 22.7 62.7

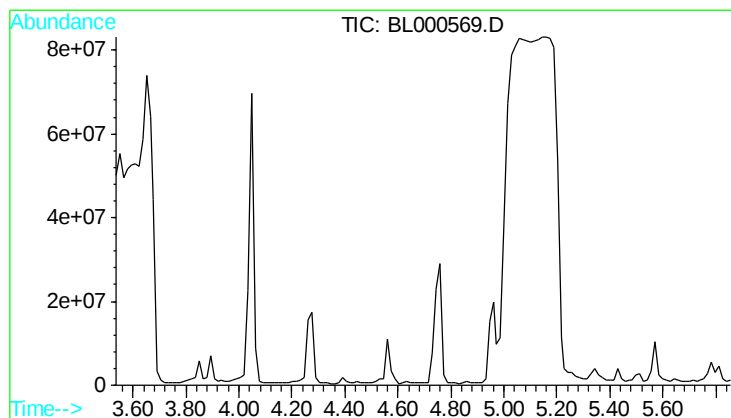
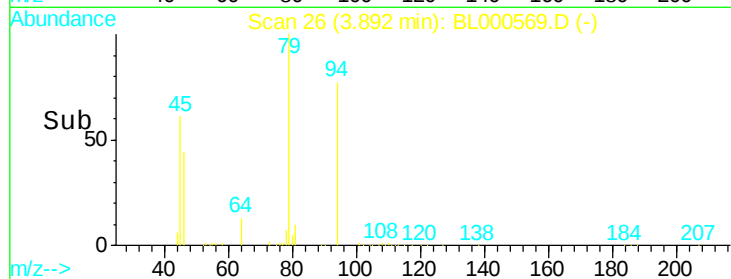
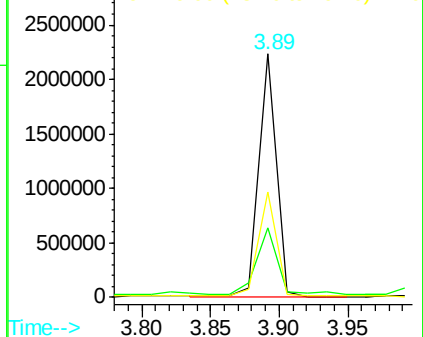


Abundance

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: 0.04 ug/mL

Expected RT: 4.56 min

Lab File: BL000569.D

Acq: 16 Feb 2012 16:14

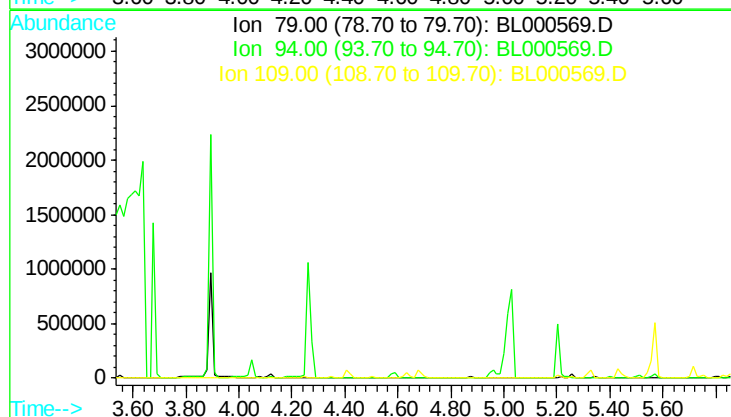
Tgt Ion: 79

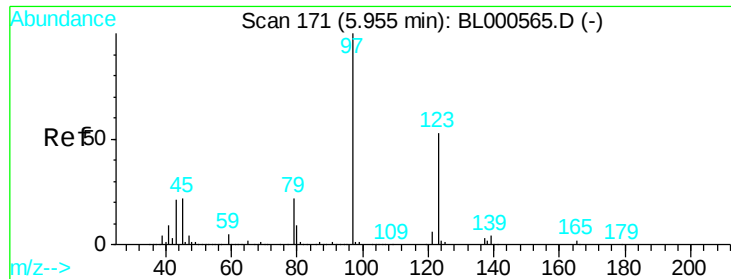
Sig Exp Ratio

79 100

94 130.0

109 57.7





#4

DIMP

Concen: 1.85 ug/mL

RT: 6.00 min Scan# 174

Delta R.T. 0.04 min

Lab File: BL000569.D

Acq: 16 Feb 2012 16:14

Tgt Ion: 97 Resp: 1375082

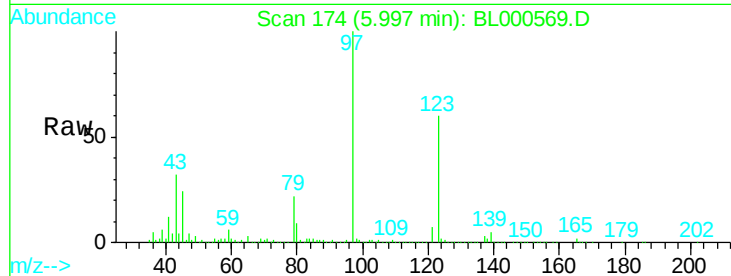
Ion Ratio Lower Upper

97 100

123 60.2 33.3 73.3

43 31.6 0.8 40.8

41 12.0 0.0 29.2



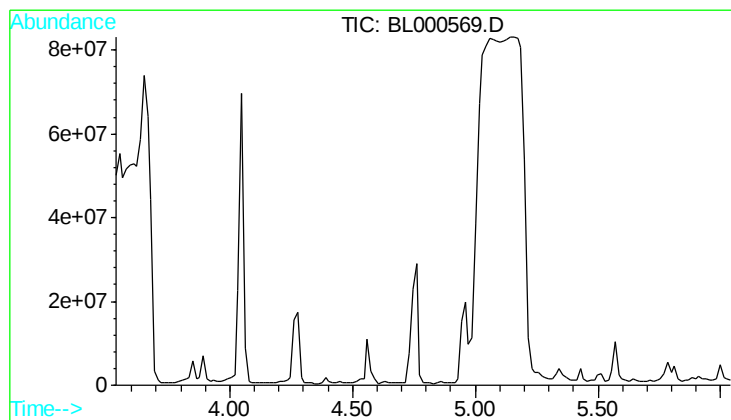
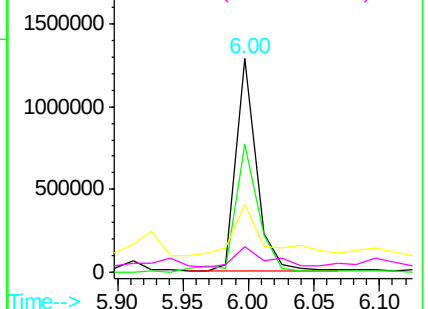
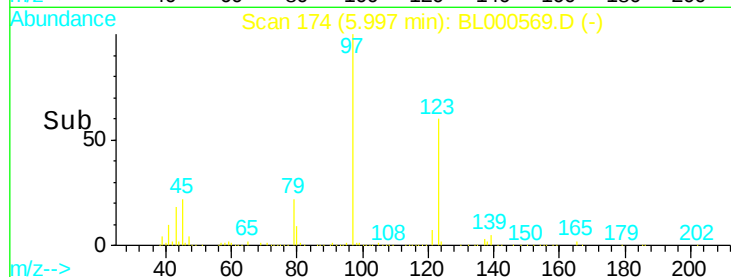
Abundance

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: 0.00 ug/mL

Expected RT: 4.75 min

Lab File: BL000569.D

Acq: 16 Feb 2012 16:14

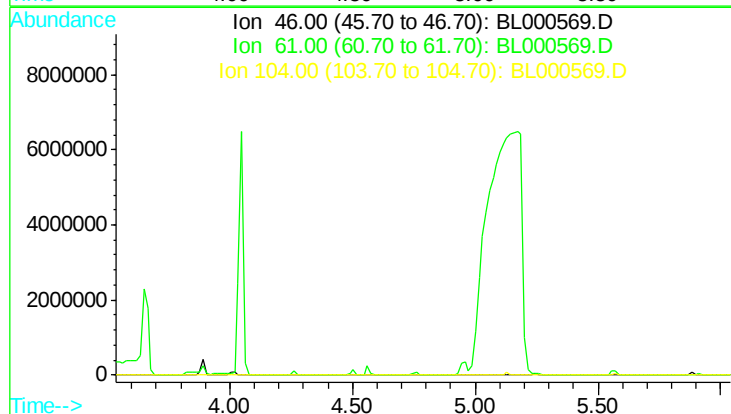
Tgt Ion: 46

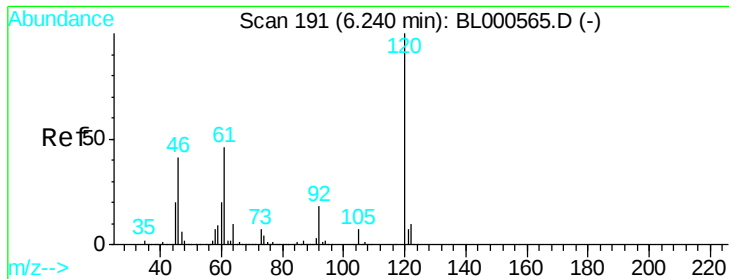
Sig Exp Ratio

46 100

61 40.5

104 30.5





#7

1,4-Dithiane

Concen: 5.51 ug/mL

RT: 6.27 min Scan# 193

Delta R.T. 0.03 min

Lab File: BL000569.D

Acq: 16 Feb 2012 16:14

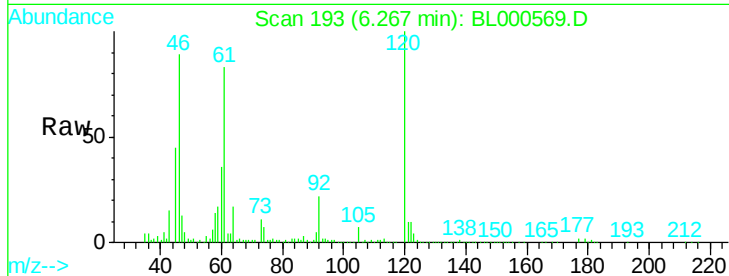
Tgt Ion: 46 Resp: 1638988

Ion Ratio Lower Upper

46 100

61 92.9 92.6 132.6

120 112.2 223.6 263.6#

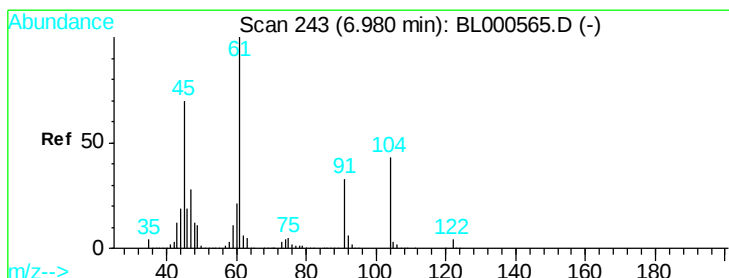
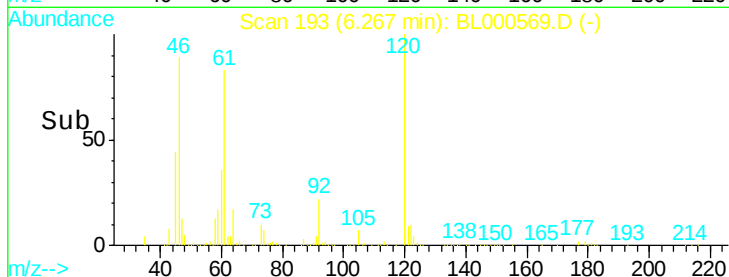
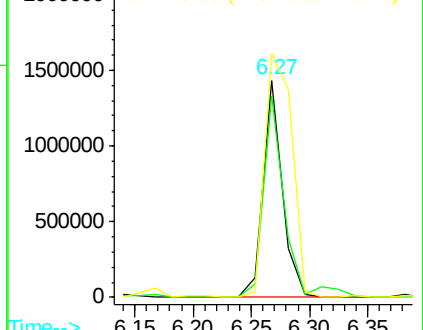


Abundance

Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 120.00 (119.70 to 120.70): BL0



#8

Thiodiglycol

Concen: 12.89 ug/mL m

RT: 7.01 min Scan# 245

Delta R.T. 0.03 min

Lab File: BL000569.D

Acq: 16 Feb 2012 16:14

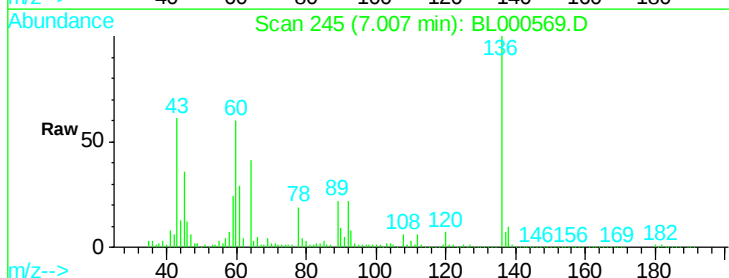
Tgt Ion: 61 Resp: 2841237

Ion Ratio Lower Upper

61 100

45 126.0 49.8 89.8#

47 21.1 7.9 47.9

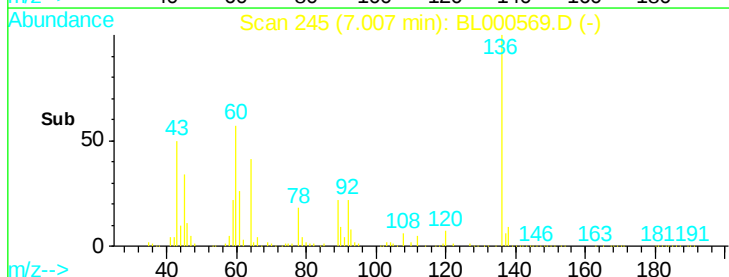
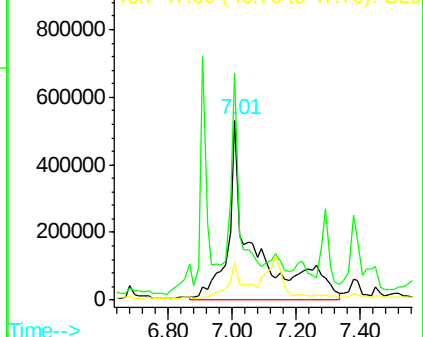


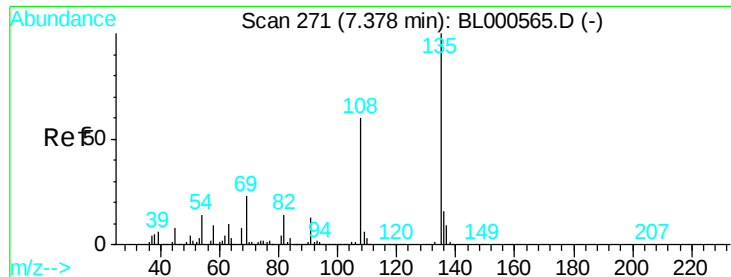
Abundance

Ion 61.00 (60.70 to 61.70): BL0

Ion 45.00 (44.70 to 45.70): BL0

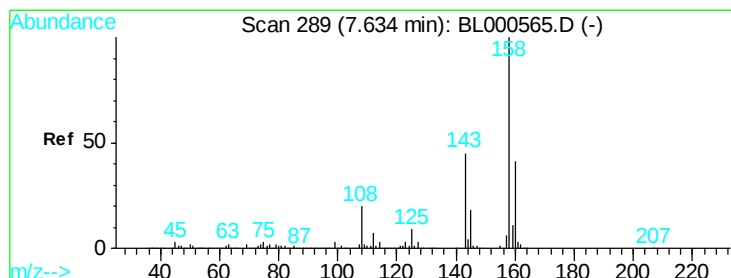
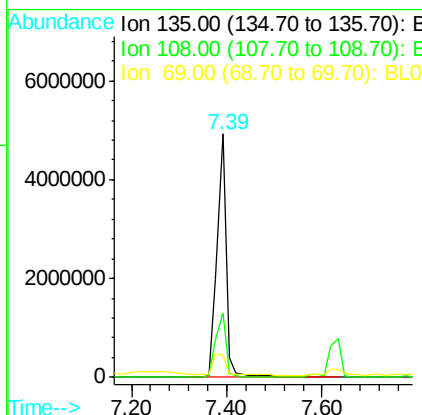
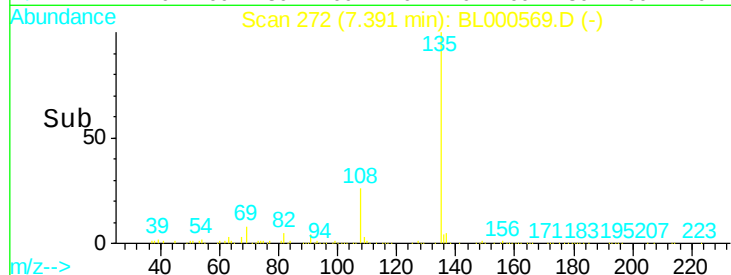
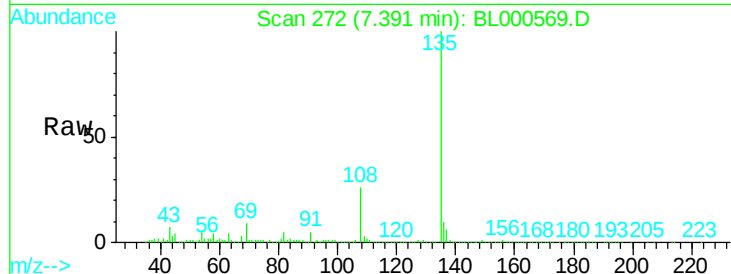
Ion 47.00 (46.70 to 47.70): BL0





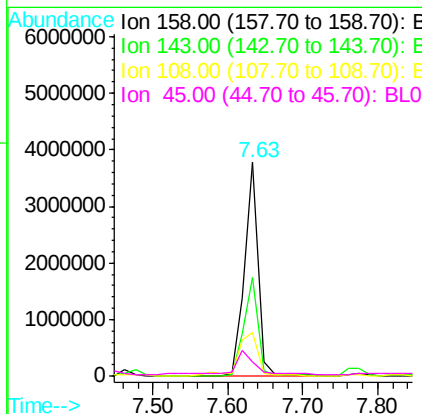
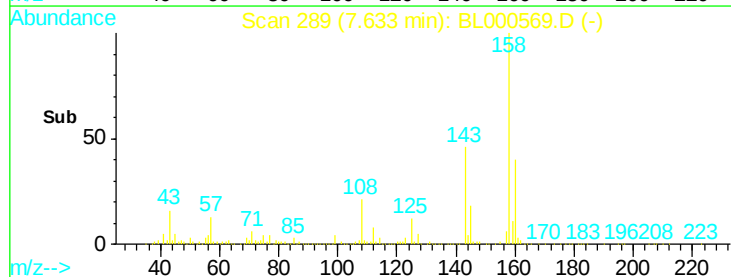
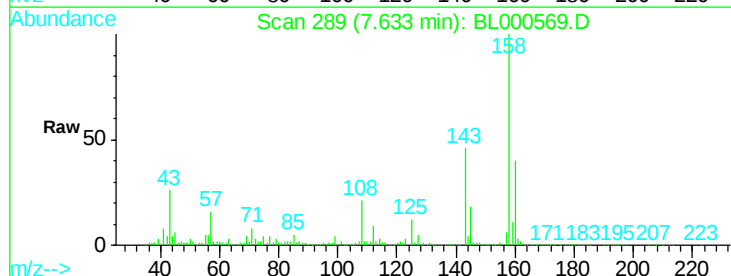
#9
Benzothiazole
Concen: 15.20 ug/mL
RT: 7.39 min Scan# 272
Delta R.T. 0.01 min
Lab File: BL000569.D
Acq: 16 Feb 2012 16:14

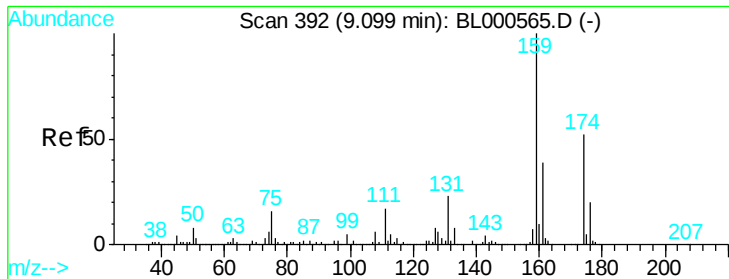
Tgt Ion:135 Resp: 6558229
Ion Ratio Lower Upper
135 100
108 26.4 40.1 80.1#
69 8.9 3.2 43.2



#11
p-Chlorophenylmethylsulfide
Concen: 9.99 ug/mL
RT: 7.63 min Scan# 289
Delta R.T. -0.00 min
Lab File: BL000569.D
Acq: 16 Feb 2012 16:14

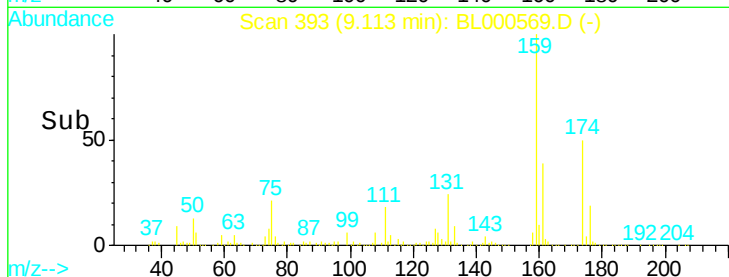
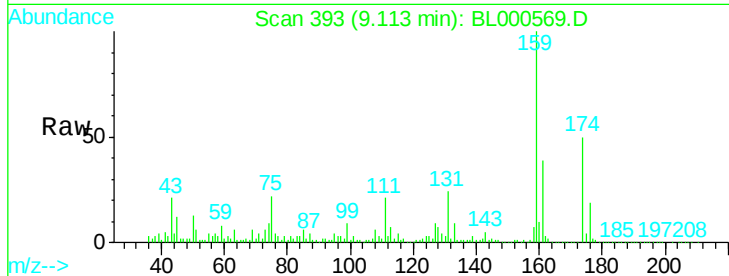
Tgt Ion:158 Resp: 4784091
Ion Ratio Lower Upper
158 100
143 46.0 25.2 65.2
108 20.7 0.2 40.2
45 6.4 0.0 23.9



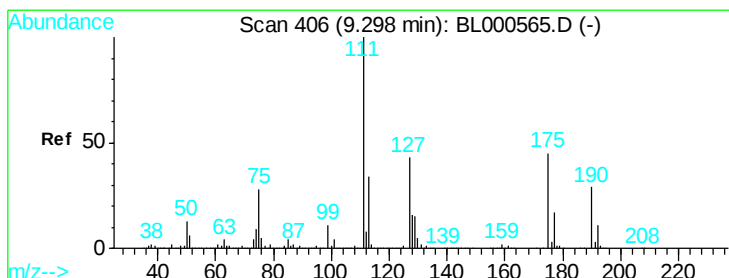
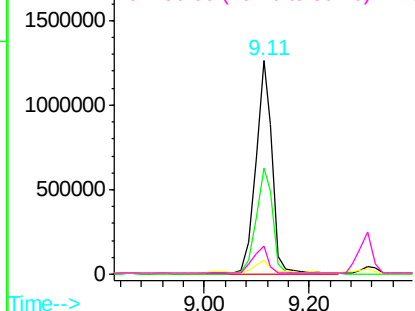


#13
p-Chlorophenylmethylsulfoxide
Concen: 13.45 ug/mL
RT: 9.11 min Scan# 393
Delta R.T. 0.01 min
Lab File: BL000569.D
Acq: 16 Feb 2012 16:14

Tgt Ion:159 Resp: 2779167
Ion Ratio Lower Upper
159 100
174 51.4 30.8 70.8
108 5.5 0.0 27.0
50 12.3 0.0 32.6

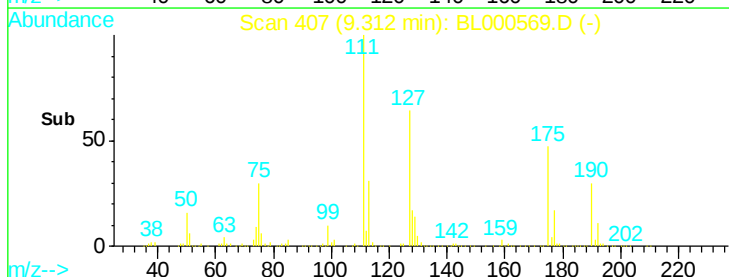
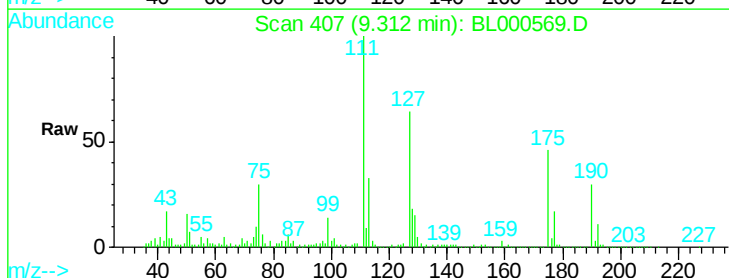


Abundance Ion 159.00 (158.70 to 159.70): E
Ion 174.00 (173.70 to 174.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 50.00 (49.70 to 50.70): BL0



#14
p-Chlorophenylmethylsulfone
Concen: 9.94 ug/mL
RT: 9.31 min Scan# 407
Delta R.T. 0.01 min
Lab File: BL000569.D
Acq: 16 Feb 2012 16:14

Tgt Ion:111 Resp: 2987586
Ion Ratio Lower Upper
111 100
75 29.6 8.0 48.0
127 64.2 23.3 63.3#
190 29.8 8.7 48.7



Abundance Ion 111.00 (110.70 to 111.70): E
Ion 75.00 (74.70 to 75.70): BL0
Ion 127.00 (126.70 to 127.70): E
Ion 190.00 (189.70 to 190.70): E

