

Data File : H:\VOL1\GCMSDATA\L\120216\BL000567.D
 Acq On : 16 Feb 2012 15:38
 Sample : PB61100BS
 Misc : SOIL BNA L HLM
 MS Integration Params: rteint.p
 Quant Time: Feb 17 10:19 2012

Vial: 4
 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	5.78	152	1350565	2.00	ug/mL	0.03
6) Naphthalene-d8	7.09	136	4347741	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	8.10	99	692493	0.56	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	112.00%
12) 2-Bromothioanisole	8.40	204	1406348	5.05	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dimethyl Disulfide	3.93	94	2898977m	3.70	ug/mL
3) DMMP	4.64	79	929089	1.86	ug/mL
4) DIMP	5.97	97	2277323	2.11	ug/mL
5) 1,4-Oxathiane	4.84	46	3254627	4.51	ug/mL#
7) 1,4-Dithiane	6.25	46	1990107	4.84	ug/mL#
8) Thiodiglycol	6.95	61	13316197	38.20	ug/mL
9) Benzothiazole	7.38	135	9947537	16.87	ug/mL
11) p-Chlorophenylmethyldisulfid	7.63	158	7241226	10.93	ug/mL
13) p-Chlorophenylmethyldisulfox	9.10	159	3911946	13.69	ug/mL
14) p-Chlorophenylmethyldisulfon	9.30	111	4792239	11.52	ug/mL

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Quant Time: Feb 17 10:19 2012

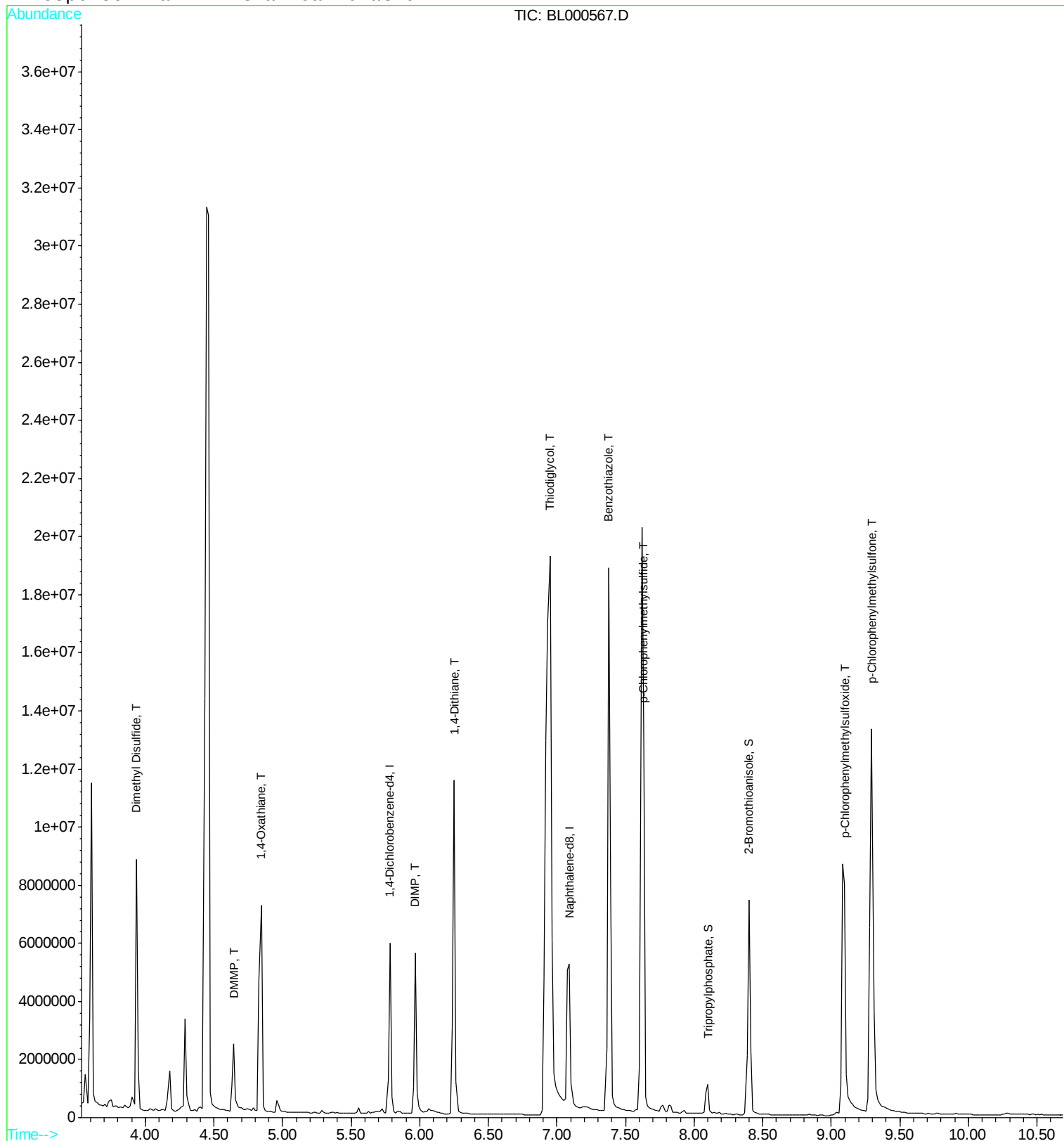
Quant Results File: BL021512.RES

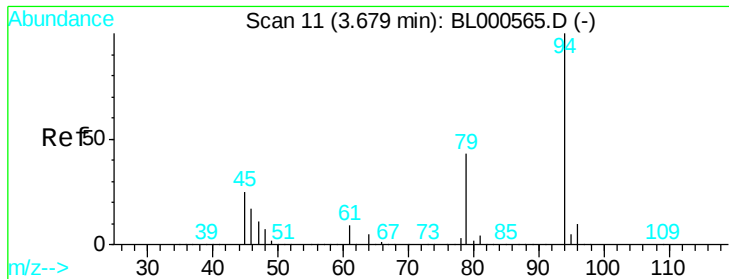
Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 3.70 ug/mL m

RT: 3.93 min Scan# 29

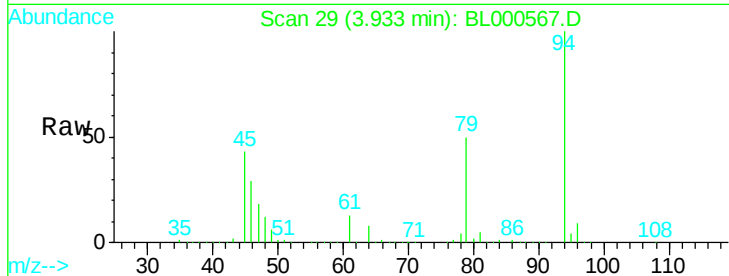
Delta R.T. 0.25 min

Lab File: BL000567.D

Acq: 16 Feb 2012 15:38

Tgt Ion: 94 Resp: 2898977

Ion	Ratio	Lower	Upper
94	100		
45	42.7	4.8	44.8
79	50.4	22.7	62.7

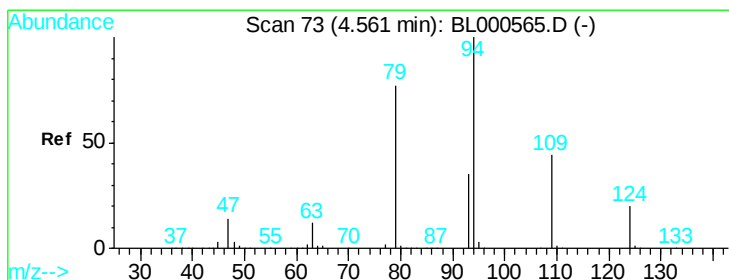
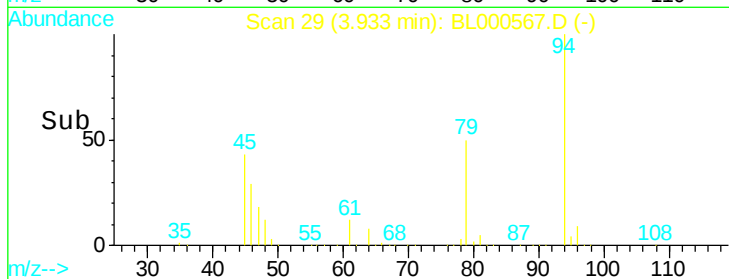
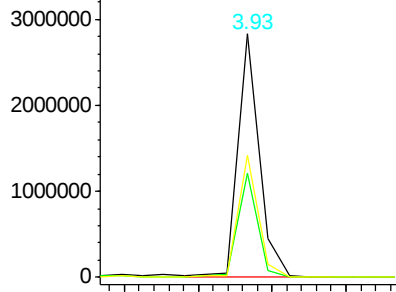


Abundance

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: 1.86 ug/mL

RT: 4.64 min Scan# 79

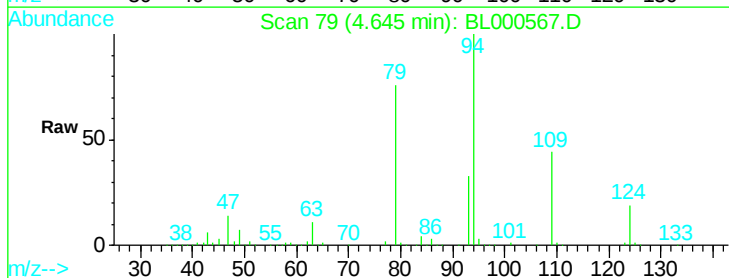
Delta R.T. 0.08 min

Lab File: BL000567.D

Acq: 16 Feb 2012 15:38

Tgt Ion: 79 Resp: 929089

Ion	Ratio	Lower	Upper
79	100		
94	131.2	110.0	150.0
109	57.6	37.7	77.7

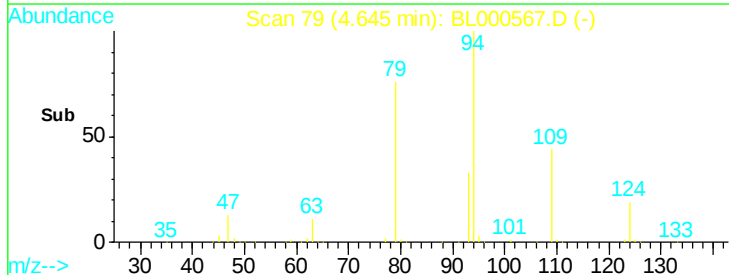
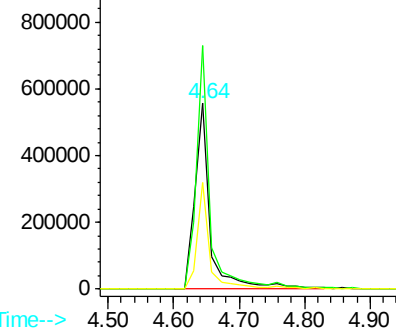


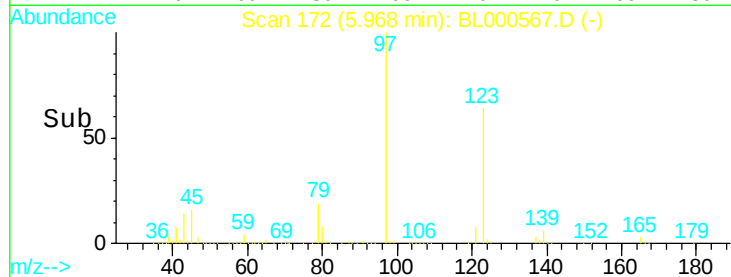
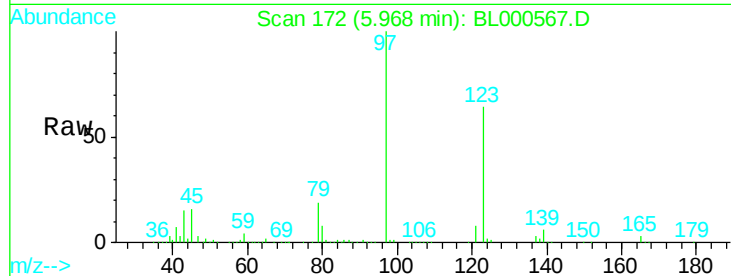
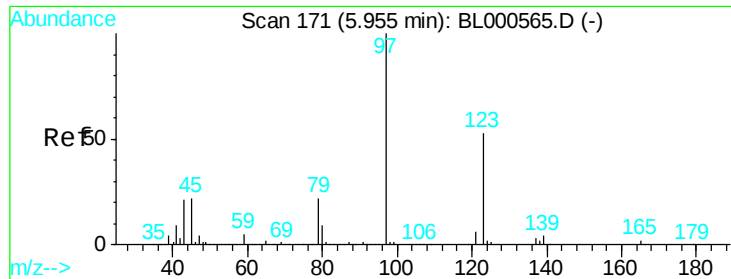
Abundance

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





#4

DIMP

Concen: 2.11 ug/mL

RT: 5.97 min Scan# 172

Delta R.T. 0.01 min

Lab File: BL000567.D

Acq: 16 Feb 2012 15:38

Tgt Ion: 97 Resp: 2277323

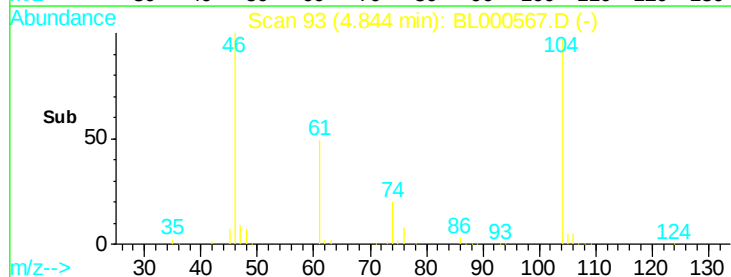
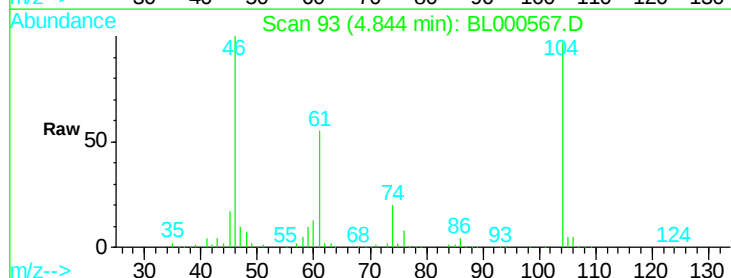
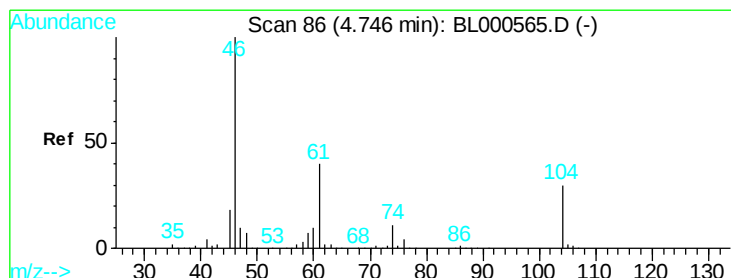
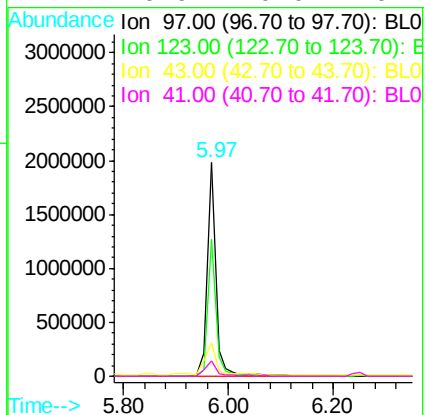
Ion Ratio Lower Upper

97 100

123 64.2 33.3 73.3

43 15.5 0.8 40.8

41 6.9 0.0 29.2



#5

1,4-Oxathiane

Concen: 4.51 ug/mL

RT: 4.84 min Scan# 93

Delta R.T. 0.10 min

Lab File: BL000567.D

Acq: 16 Feb 2012 15:38

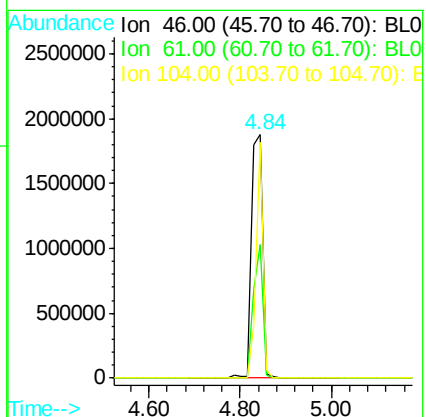
Tgt Ion: 46 Resp: 3254627

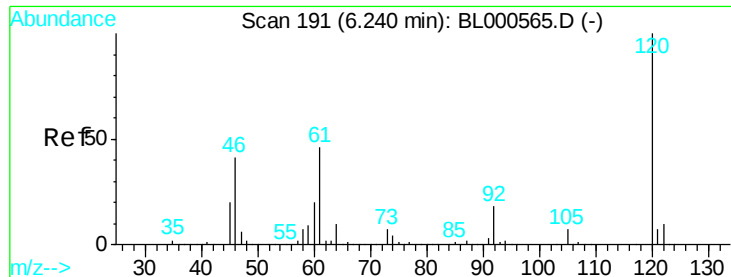
Ion Ratio Lower Upper

46 100

61 54.6 20.5 60.5

104 96.9 10.5 50.5#





#7

1,4-Dithiane

Concen: 4.84 ug/mL

RT: 6.25 min Scan# 192

Delta R.T. 0.01 min

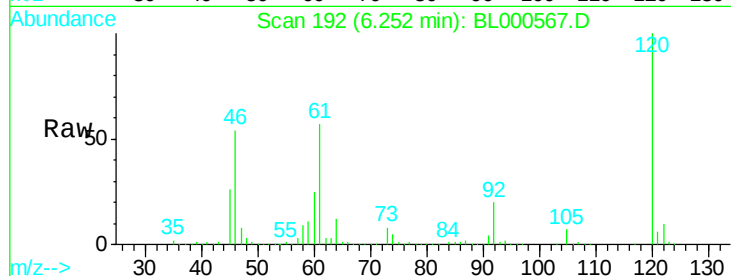
Lab File: BL000567.D

Acq: 16 Feb 2012 15:38

Tgt Ion: 46 Resp: 1990107

Ion Ratio Lower Upper

46	100		
61	106.2	92.6	132.6
120	186.2	223.6	263.6

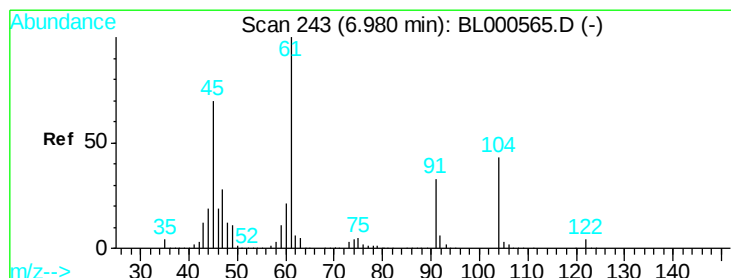
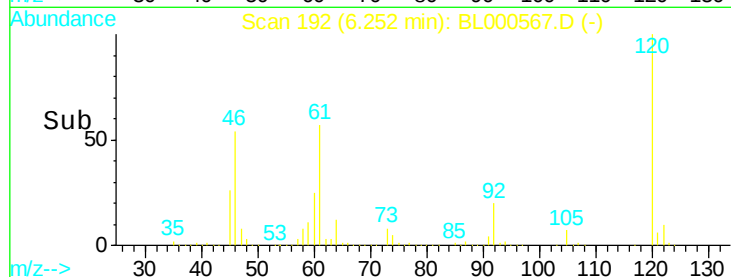
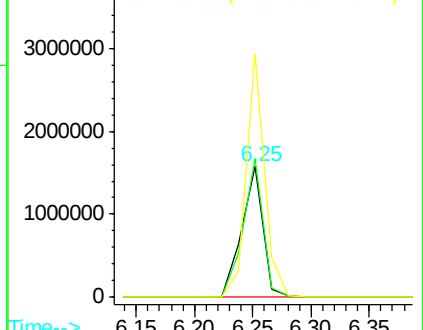


Abundance

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: 38.20 ug/mL

RT: 6.95 min Scan# 241

Delta R.T. -0.03 min

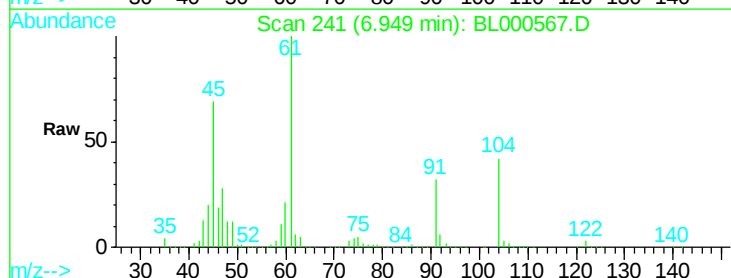
Lab File: BL000567.D

Acq: 16 Feb 2012 15:38

Tgt Ion: 61 Resp:13316197

Ion Ratio Lower Upper

61	100		
45	68.8	49.8	89.8
47	27.6	7.9	47.9

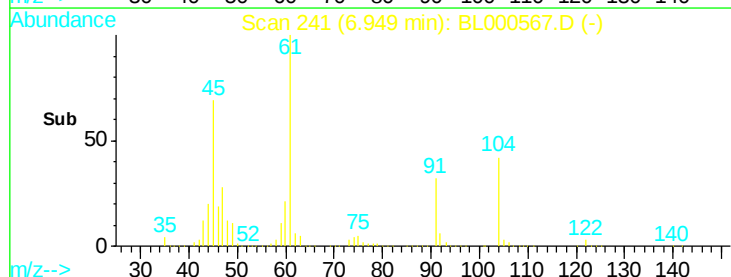
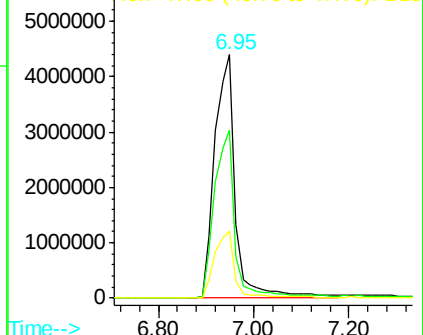


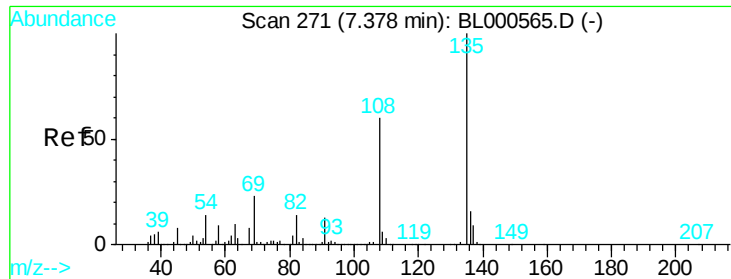
Abundance

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: 16.87 ug/mL

RT: 7.38 min Scan# 271

Delta R.T. -0.00 min

Lab File: BL000567.D

Acq: 16 Feb 2012 15:38

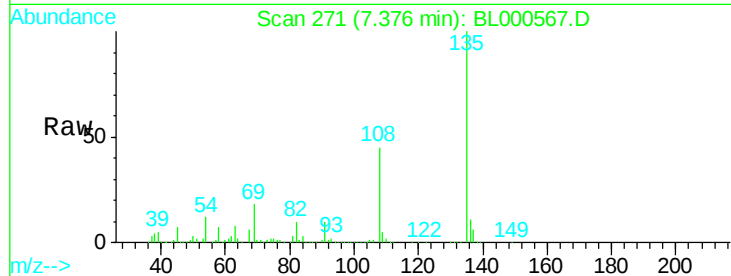
Tgt Ion:135 Resp: 9947537

Ion Ratio Lower Upper

135 100

108 44.8 40.1 80.1

69 18.2 3.2 43.2

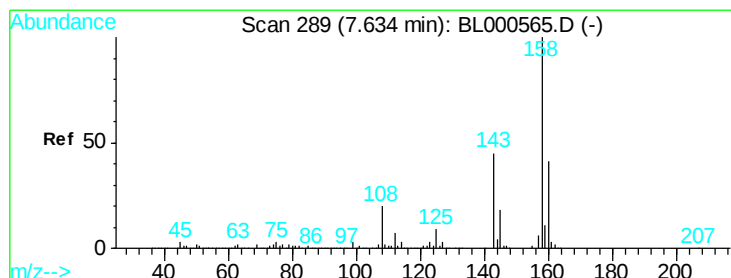
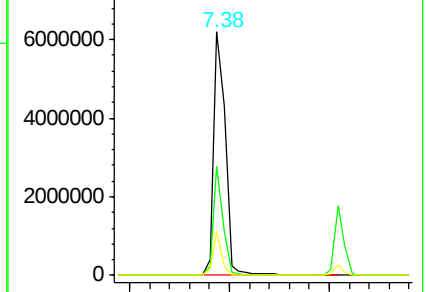
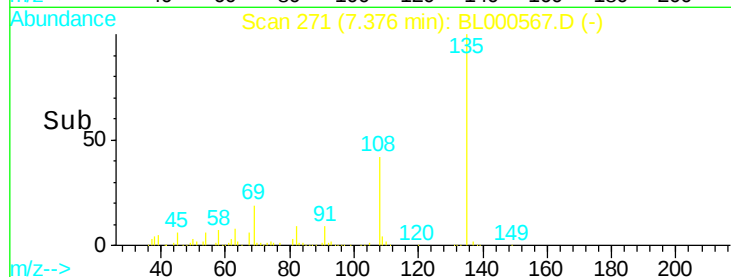


Abundance

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: 10.93 ug/mL

RT: 7.63 min Scan# 289

Delta R.T. -0.00 min

Lab File: BL000567.D

Acq: 16 Feb 2012 15:38

Tgt Ion:158 Resp: 7241226

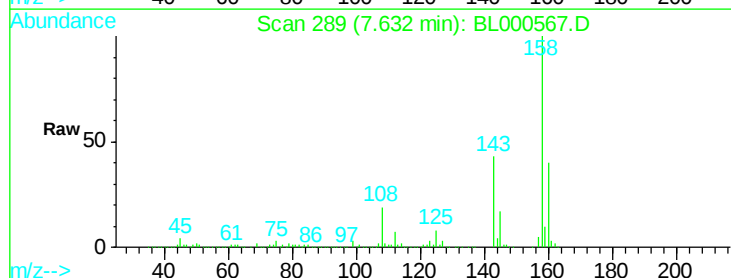
Ion Ratio Lower Upper

158 100

143 42.7 25.2 65.2

108 18.7 0.2 40.2

45 3.5 0.0 23.9



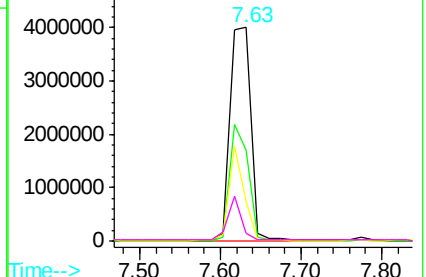
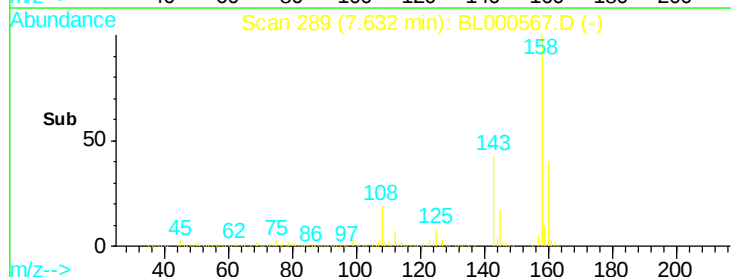
Abundance

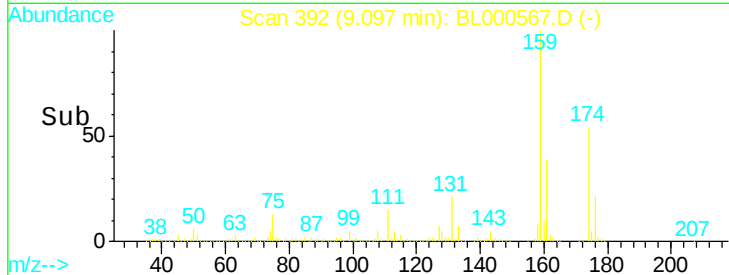
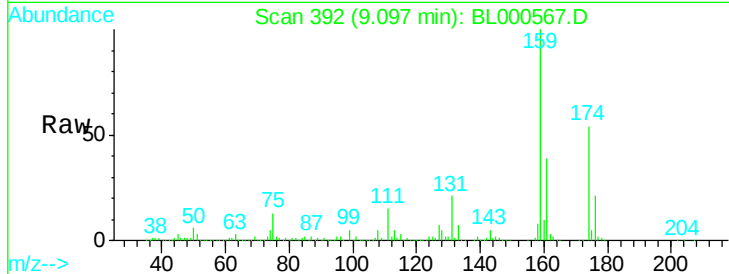
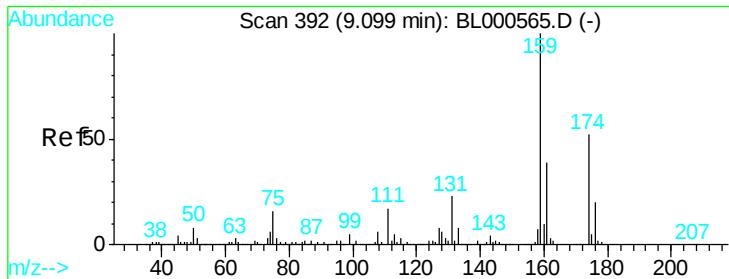
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

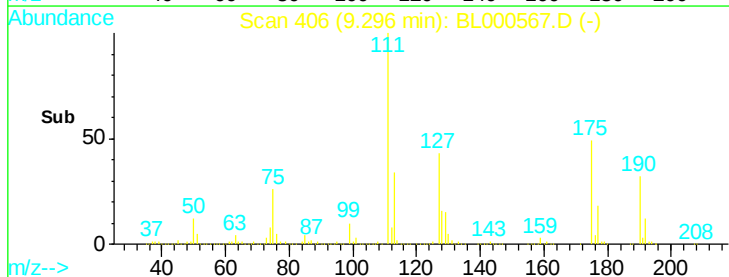
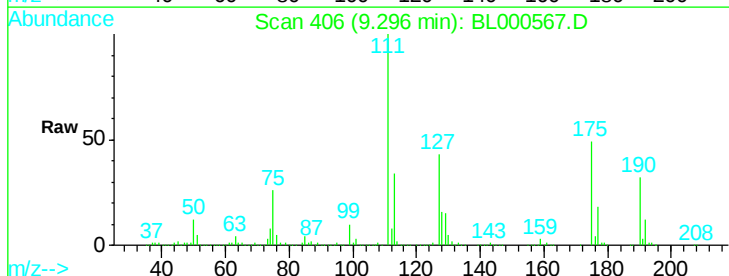
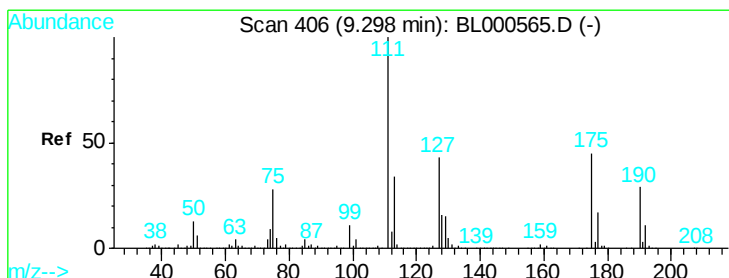
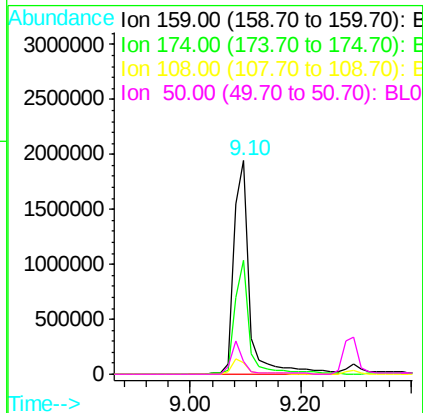
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 13.69 ug/mL
RT: 9.10 min Scan# 392
Delta R.T. -0.00 min
Lab File: BL000567.D
Acq: 16 Feb 2012 15:38

Tgt Ion:159 Resp: 3911946
Ion Ratio Lower Upper
159 100
174 50.2 30.8 70.8
108 7.3 0.0 27.0
50 12.9 0.0 32.6



#14
p-Chlorophenylmethylsulfone
Concen: 11.52 ug/mL
RT: 9.30 min Scan# 406
Delta R.T. -0.00 min
Lab File: BL000567.D
Acq: 16 Feb 2012 15:38

Tgt Ion:111 Resp: 4792239
Ion Ratio Lower Upper
111 100
75 26.0 8.0 48.0
127 43.0 23.3 63.3
190 32.2 8.7 48.7

