

Data File : H:\VOL1\GCMSDATA\L\120215\BL000559.D

Vial: 3

Acq On : 15 Feb 2012 13:23

Operator: HLM

Sample : CWA-5

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 15 14:56 2012

Quant Results File: BL021512.RES

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

Title : CWA degradation products by GCMS

Last Update : Wed Feb 15 14:49:38 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	1505656	2.00	ug/mL	0.02
6) Naphthalene-d8	7.08	136	5029320	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	8.09	99	7147499	4.66	ug/mL	0.00
Spiked Amount 500.000	Range 70 - 130		Recovery	=	0.93%#	
12) 2-Bromothioanisole	8.40	204	7207710	15.68	ug/mL	0.00
Spiked Amount 5000.000	Range 70 - 130		Recovery	=	0.31%#	

Target Compounds

					Ovalue
2) Dimethyl Disulfide	3.62	94	12312519	16.54	ug/mL# 79
3) DMMP	4.66	79	2776641	4.70	ug/mL 97
4) DIMP	5.97	97	6154785	4.99	ug/mL 87
5) 1,4-Oxathiane	4.84	46	9614109	13.38	ug/mL 98
7) 1,4-Dithiane	6.25	46	5361338	13.05	ug/mL# 56
8) Thiodiglycol	6.99	61	42179630	96.01	ug/mL 98
9) Benzothiazole	7.38	135	15164393	11.41	ug/mL# 59
11) p-Chlorophenylmethyldisulfid	7.62	158	12578648	15.80	ug/mL# 42
13) p-Chlorophenylmethyldisulfox	9.10	159	12185669	26.14	ug/mL 97
14) p-Chlorophenylmethyldisulfon	9.30	111	12245379	20.79	ug/mL 92

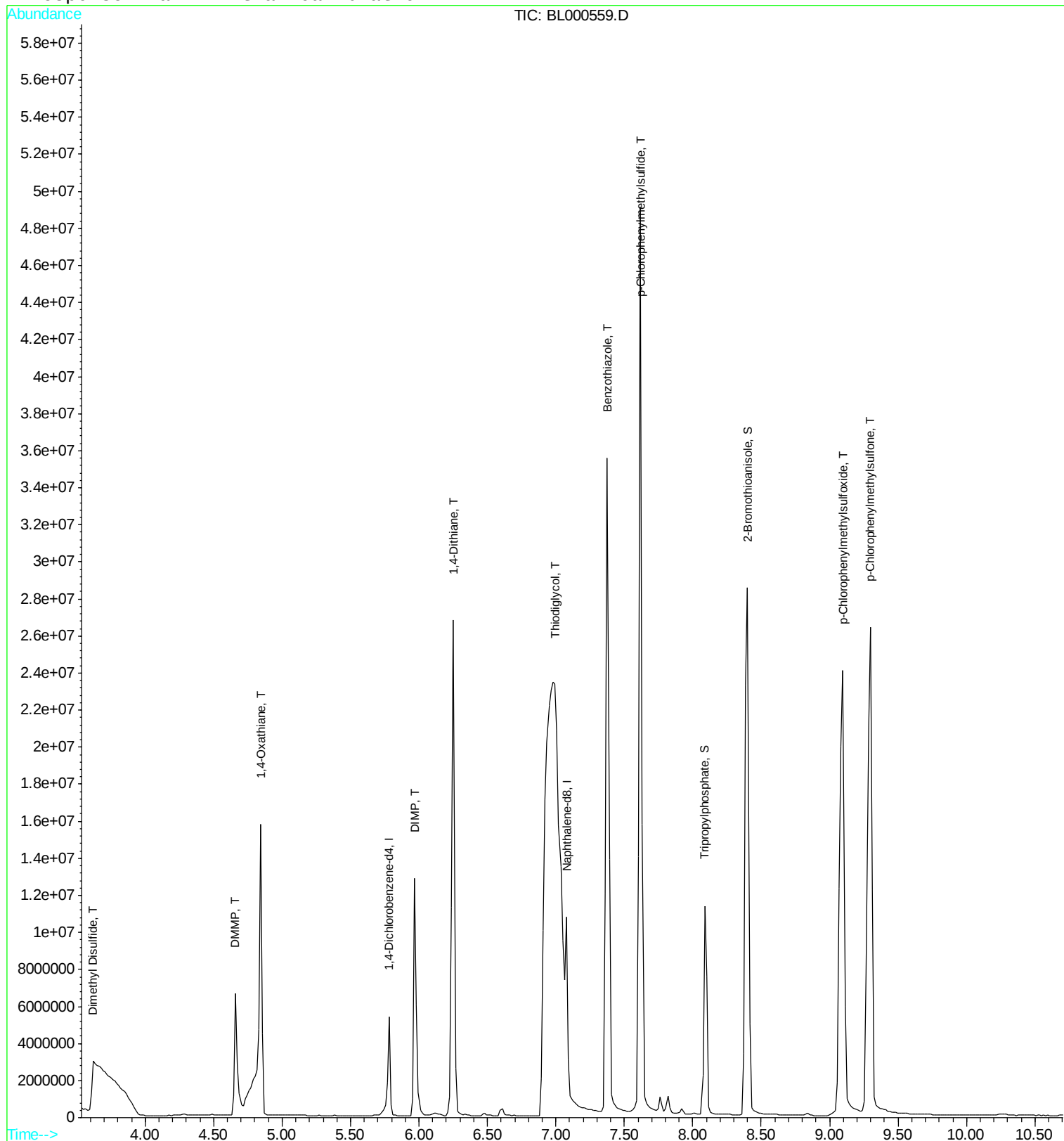
Quantitation Report

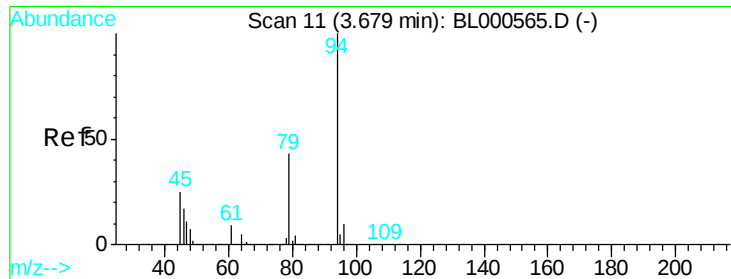
Data File : H:\VOL1\GCMSDATA\L\120215\BL000559.D
Acq On : 15 Feb 2012 13:23
Sample : CWA-5
Misc : BNA L HLM
MS Integration Params: rteint.p
Quant Time: Feb 15 14:56 2012

Vial: 3
Operator: HLM
Inst : BNA L
Multiplr: 1.00

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

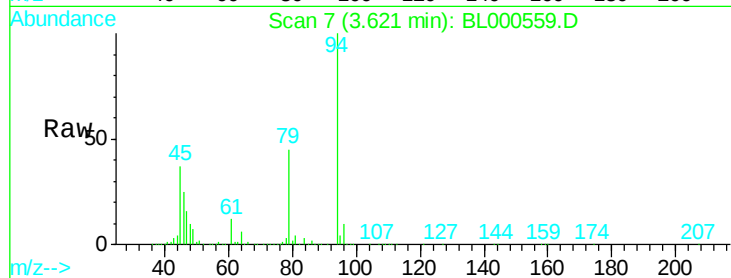




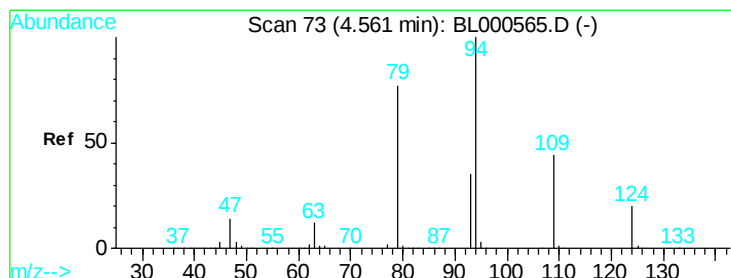
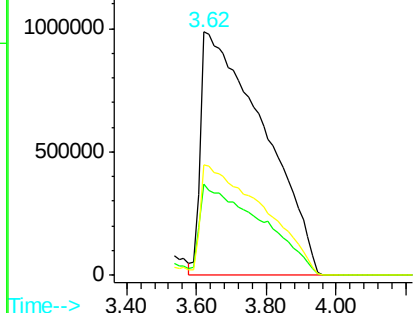
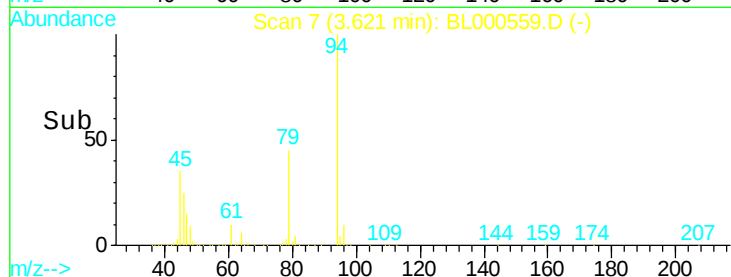
#2

Dimethyl Disulfide
Concen: 16.54 ug/mL
RT: 3.62 min Scan# 7
Delta R.T. -0.13 min
Lab File: BL000559.D
Acq: 15 Feb 2012 13:23

Tgt Ion: 94 Resp:12312519
Ion Ratio Lower Upper
94 100
45 37.3 37.9 77.9#
79 45.4 36.3 76.3



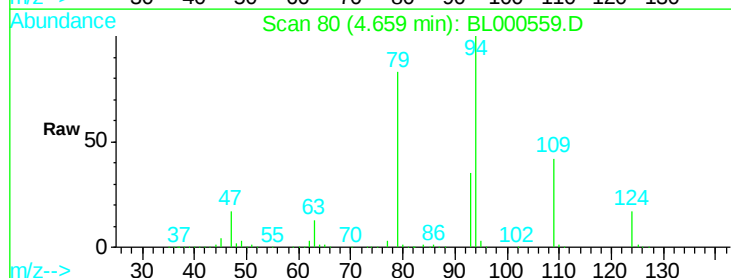
Abundance Ion 94.00 (93.70 to 94.70): BL0
Ion 45.00 (44.70 to 45.70): BL0
Ion 79.00 (78.70 to 79.70): BL0



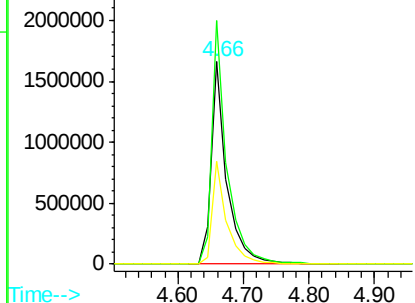
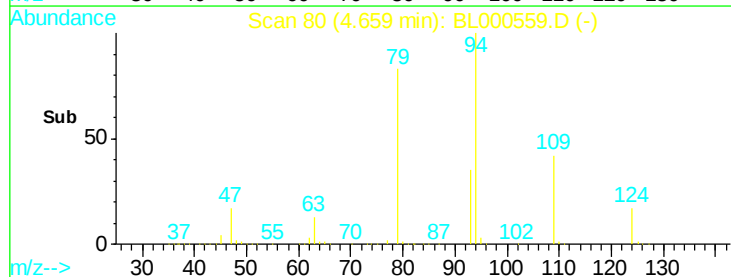
#3

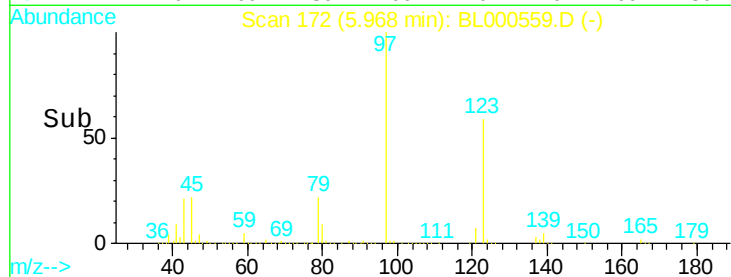
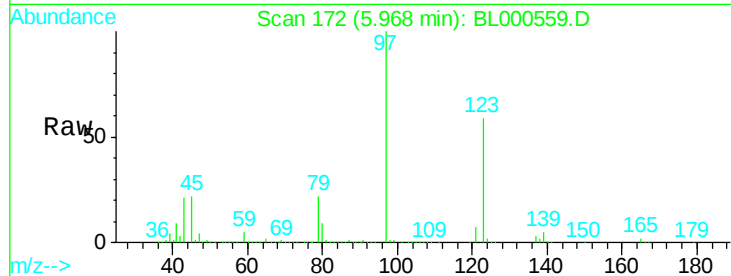
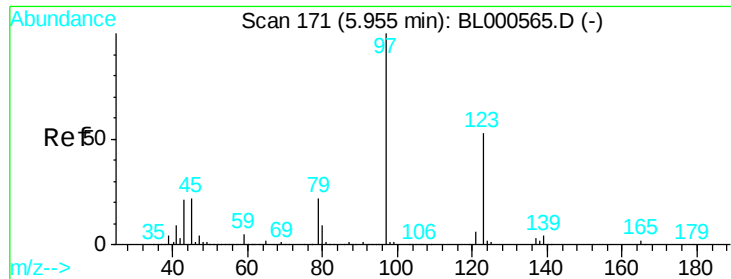
DMMP
Concen: 4.70 ug/mL
RT: 4.66 min Scan# 80
Delta R.T. 0.08 min
Lab File: BL000559.D
Acq: 15 Feb 2012 13:23

Tgt Ion: 79 Resp: 2776641
Ion Ratio Lower Upper
79 100
94 120.3 98.3 138.3
109 51.0 26.6 66.6



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: 4.99 ug/mL

RT: 5.97 min Scan# 172

Delta R.T. 0.01 min

Lab File: BL000559.D

Acq: 15 Feb 2012 13:23

Tgt Ion: 97 Resp: 6154785

Ion	Ratio	Lower	Upper
97	100		
123	59.2	48.8	88.8
43	21.4	0.0	32.3
41	9.1	0.0	25.6

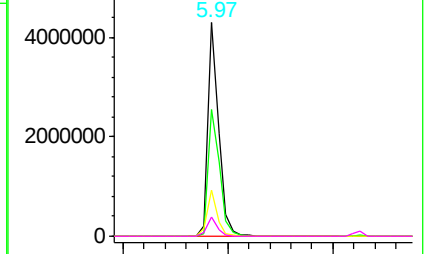
Abundance

Ion 97.00 (96.70 to 97.70): BL0

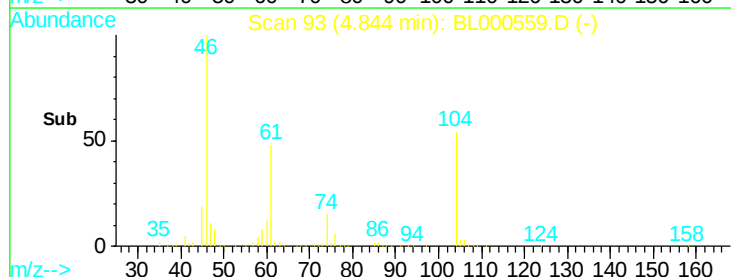
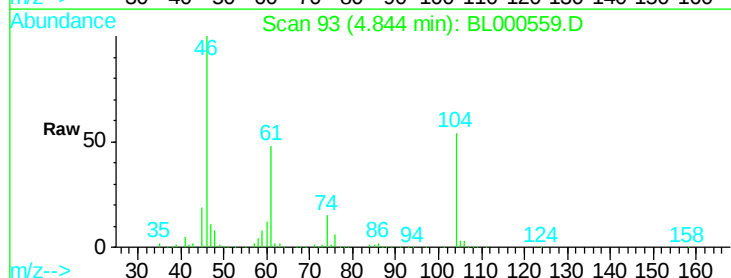
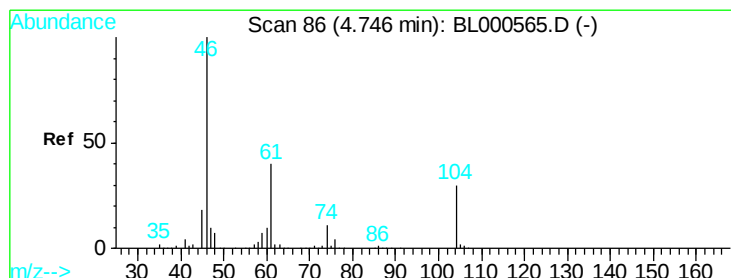
Ion 123.00 (122.70 to 123.70): BL0

Ion 43.00 (42.70 to 43.70): BL0

Ion 41.00 (40.70 to 41.70): BL0



Time-->



#5

1,4-Oxathiane

Concen: 13.38 ug/mL

RT: 4.84 min Scan# 93

Delta R.T. 0.07 min

Lab File: BL000559.D

Acq: 15 Feb 2012 13:23

Tgt Ion: 46 Resp: 9614109

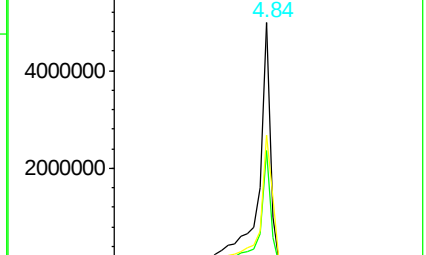
Ion	Ratio	Lower	Upper
46	100		
61	47.6	29.6	69.6
104	53.6	32.6	72.6

Abundance

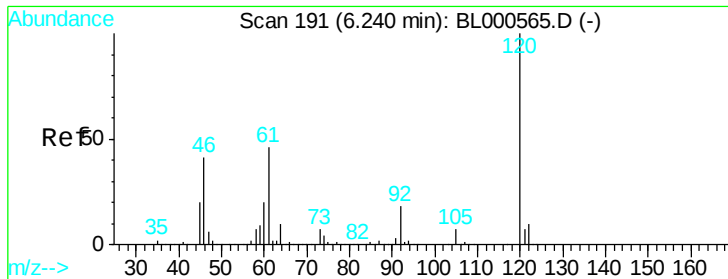
Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 104.00 (103.70 to 104.70): BL0



Time-->



#7

1,4-Dithiane

Concen: 13.05 ug/mL

RT: 6.25 min Scan# 192

Delta R.T. 0.02 min

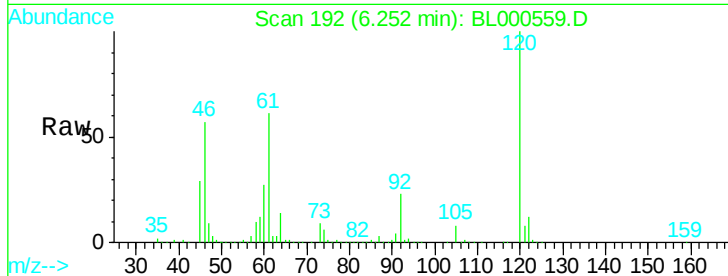
Lab File: BL000559.D

Acq: 15 Feb 2012 13:23

Tgt Ion: 46 Resp: 5361338

Ion Ratio Lower Upper

46	100		
61	106.1	74.1	114.1
120	174.5	81.1	121.1#

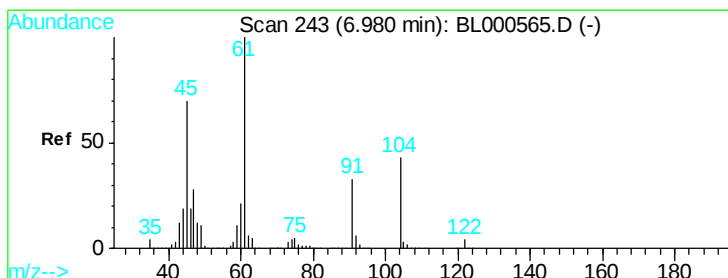
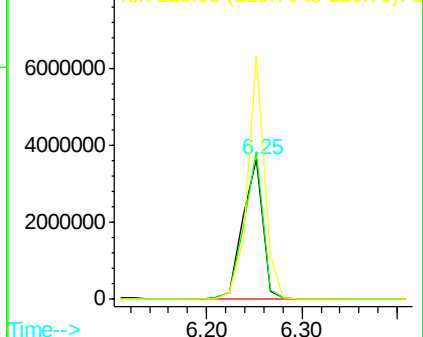
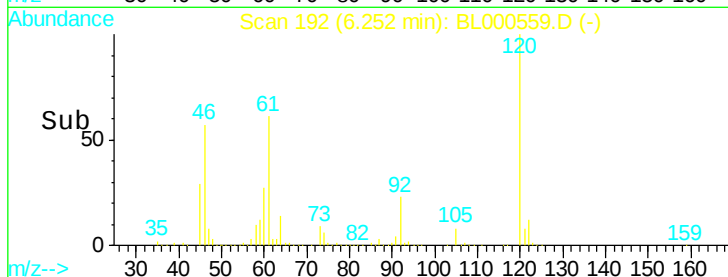


Abundance

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: 96.01 ug/mL

RT: 6.99 min Scan# 244

Delta R.T. 0.04 min

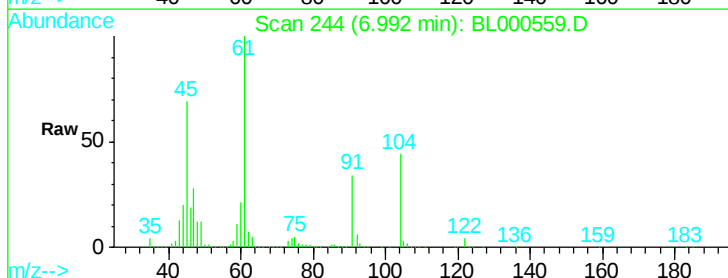
Lab File: BL000559.D

Acq: 15 Feb 2012 13:23

Tgt Ion: 61 Resp: 42179630

Ion Ratio Lower Upper

61	100		
45	69.3	50.8	90.8
47	27.9	9.0	49.0

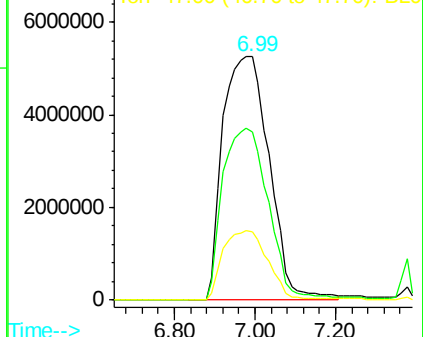
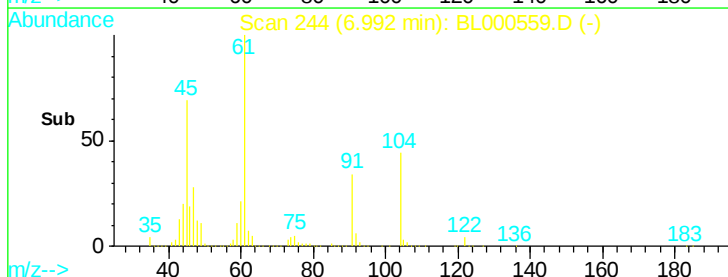


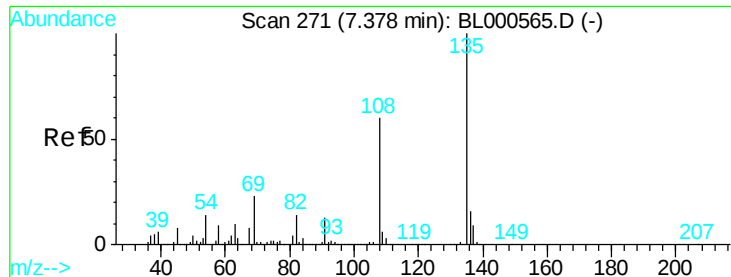
Abundance

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: 11.41 ug/mL

RT: 7.38 min Scan# 271

Delta R.T. 0.01 min

Lab File: BL000559.D

Acq: 15 Feb 2012 13:23

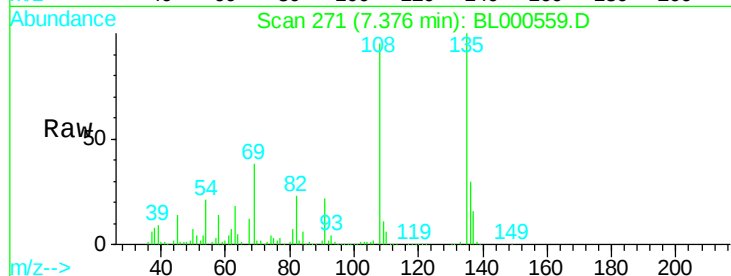
Tgt Ion:135 Resp:15164393

Ion Ratio Lower Upper

135 100

108 94.5 38.8 78.8#

69 38.4 5.9 45.9

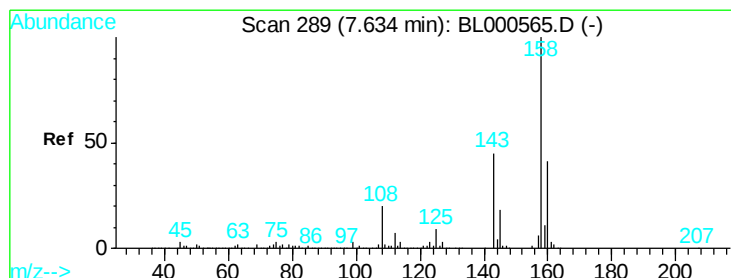
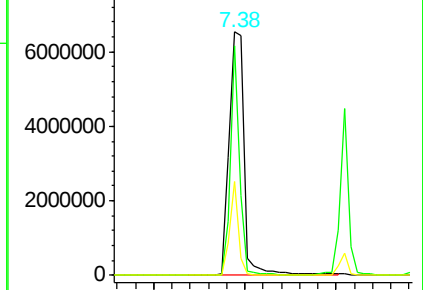
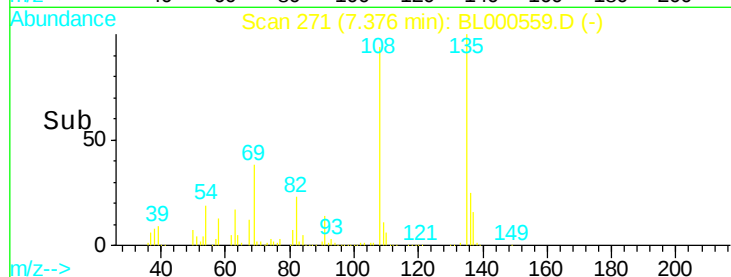


Abundance

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: 15.80 ug/mL

RT: 7.62 min Scan# 288

Delta R.T. -0.00 min

Lab File: BL000559.D

Acq: 15 Feb 2012 13:23

Tgt Ion:158 Resp:12578648

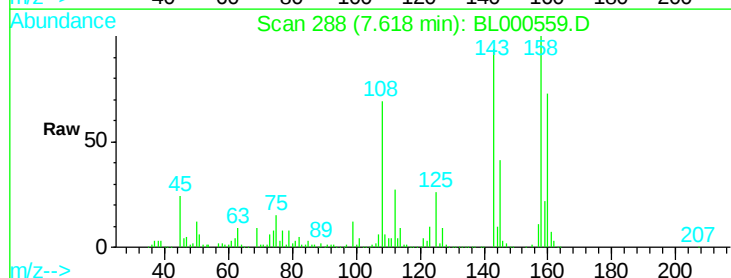
Ion Ratio Lower Upper

158 100

143 94.2 36.0 76.0#

108 68.6 10.7 50.7#

45 23.9 0.0 26.7



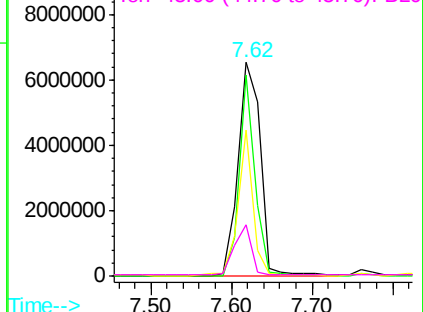
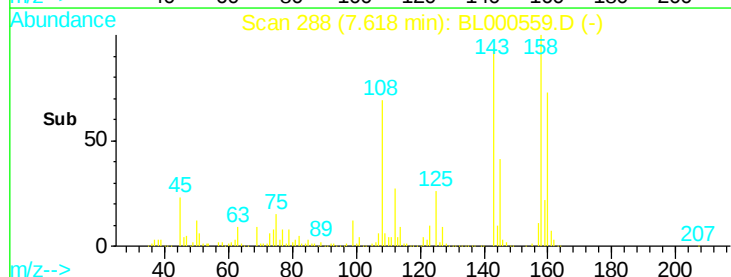
Abundance

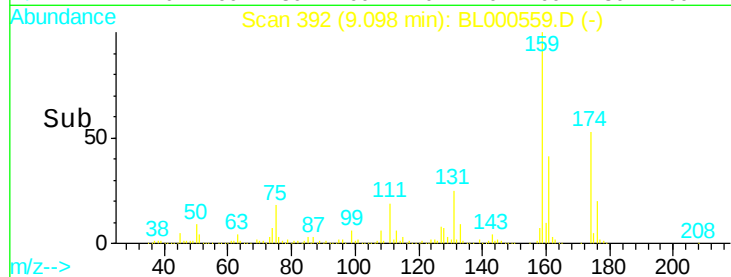
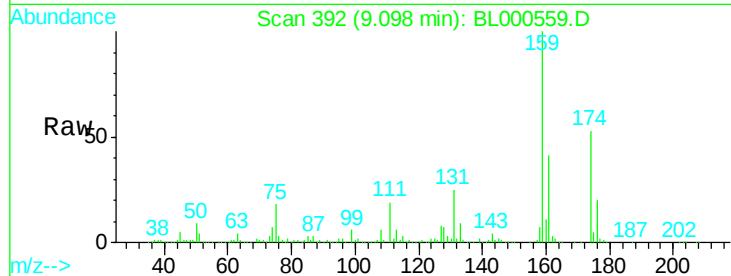
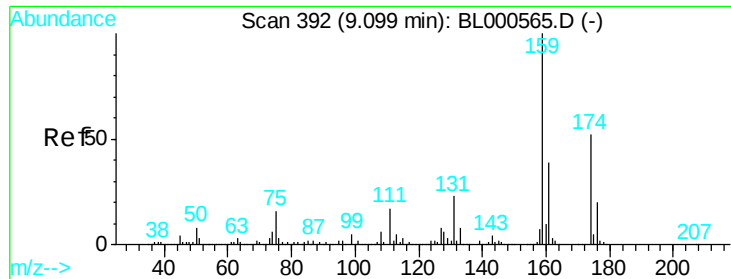
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

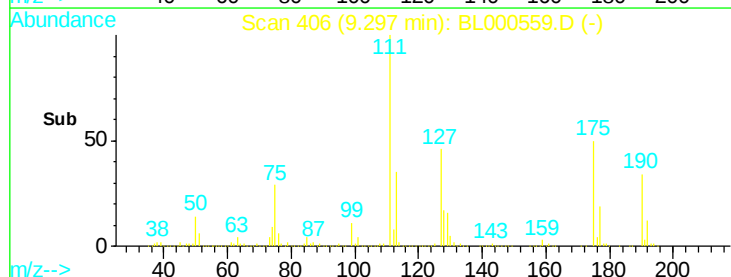
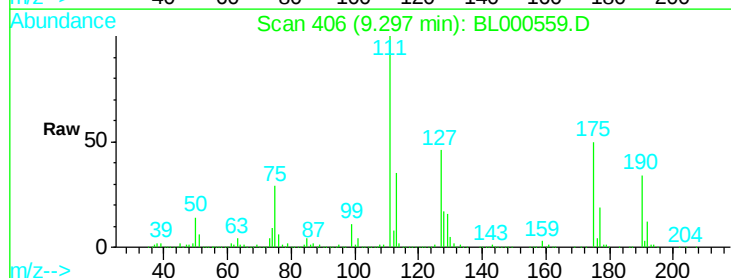
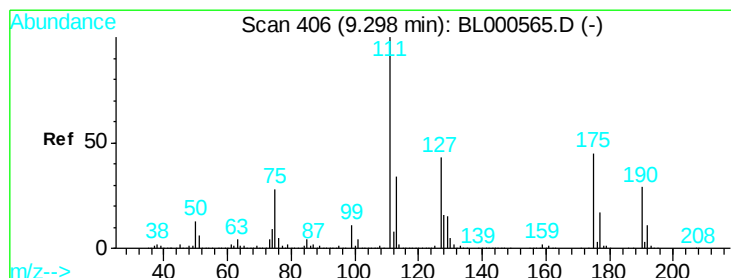
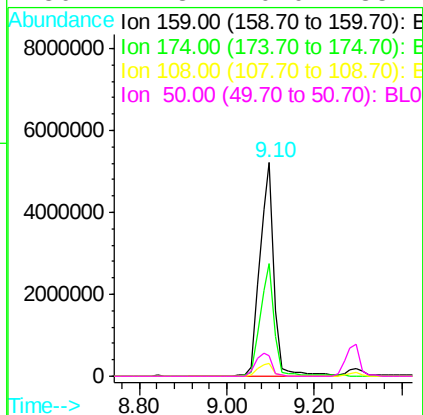
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 26.14 ug/mL
RT: 9.10 min Scan# 392
Delta R.T. 0.01 min
Lab File: BL000559.D
Acq: 15 Feb 2012 13:23

Tgt Ion:159 Resp:12185669
Ion Ratio Lower Upper
159 100
174 52.2 30.4 70.4
108 6.4 0.0 27.6
50 12.3 0.0 33.2



#14
p-Chlorophenylmethylsulfone
Concen: 20.79 ug/mL
RT: 9.30 min Scan# 406
Delta R.T. 0.01 min
Lab File: BL000559.D
Acq: 15 Feb 2012 13:23

Tgt Ion:111 Resp:12245379
Ion Ratio Lower Upper
111 100
75 28.6 9.9 49.9
127 46.3 21.9 61.9
190 33.9 5.3 45.3

