

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000860.D
 Acq On : 28 Apr 2012 5:03
 Sample : D2367-17
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:33 2012

Vial: 39
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Mon Apr 30 10:31:38 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.74	152	196554	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.05	136	793951	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	160402	0.59	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	118.00%
12) 2-Bromothioanisole	7.35	204	240284	4.61	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%

Target Compounds

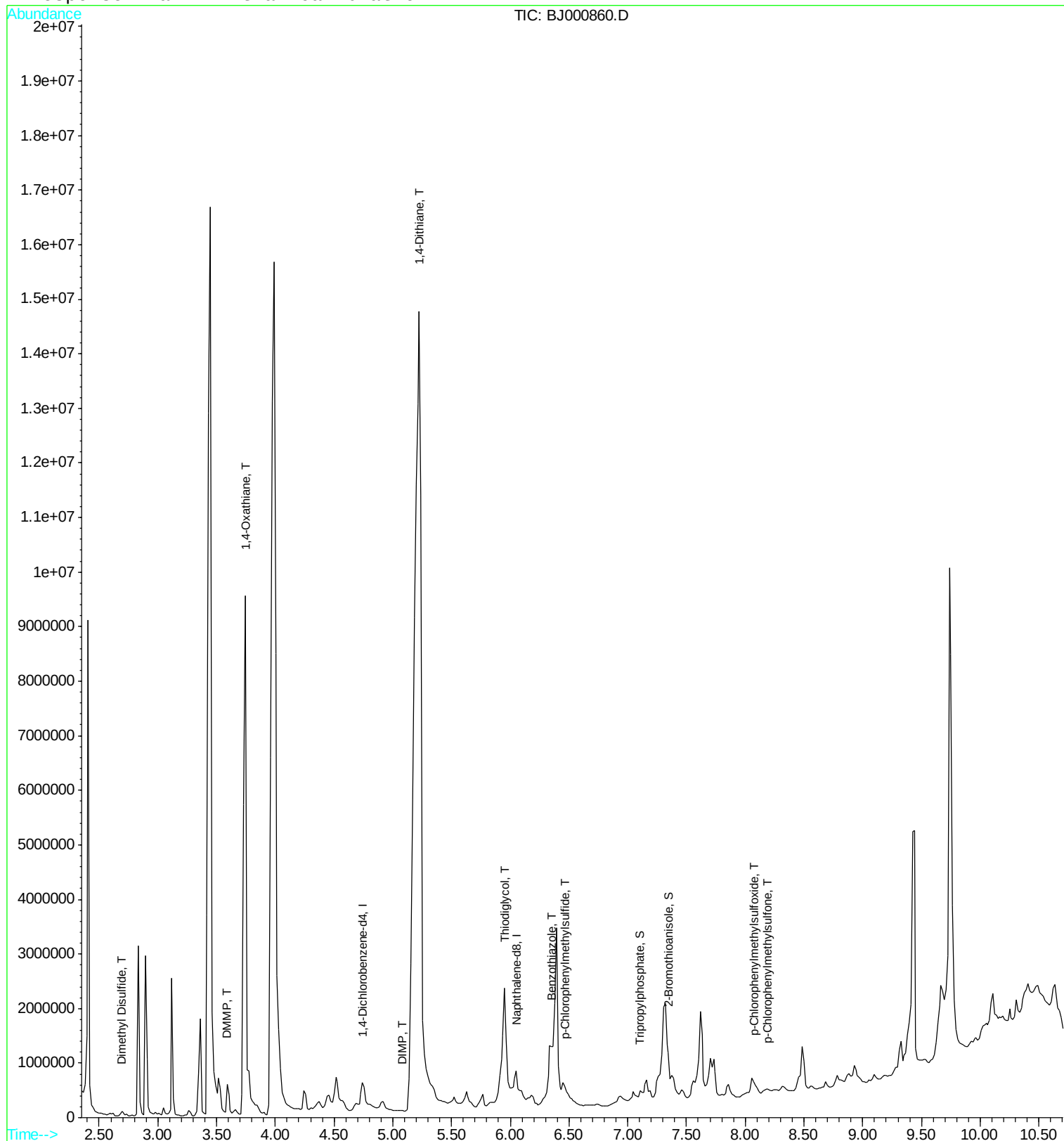
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.69	94	18319	0.25	ug/mL	88
3) DMMP	3.59	79	16679	0.36	ug/mL#	10
4) DIMP	5.08	97	39182	0.24	ug/mL#	61
5) 1,4-Oxathiane	3.75	46	4633208	66.46	ug/mL#	73
7) 1,4-Dithiane	5.23	46	9173299	174.92	ug/mL#	82
8) Thiodiglycol	5.95	61	215711	5.64	ug/mL#	1
9) Benzothiazole	6.35	135	5464	0.03	ug/mL#	1
11) p-Chlorophenylmethyldisulfide	6.46	158	4440	0.03	ug/mL#	1
13) p-Chlorophenylmethyldisulfoxide	8.07	159	1728	0.02	ug/mL#	1
14) p-Chlorophenylmethyldisulfonate	8.19	111	8332	0.07	ug/mL	85

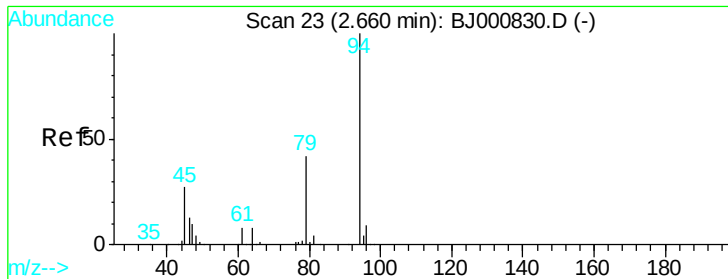
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#2

Dimethyl Disulfide

Concen: 0.25 ug/mL

RT: 2.69 min Scan# 25

Delta R.T. 0.03 min

Lab File: BJ000860.D

Acq: 28 Apr 2012 5:03

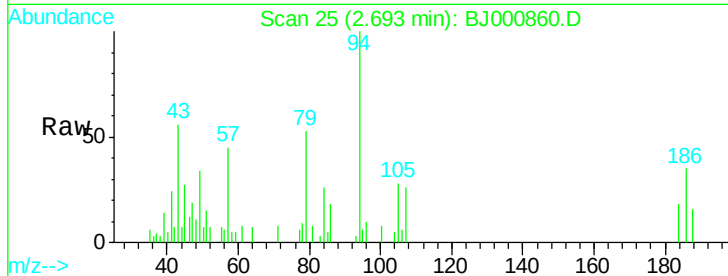
Tgt Ion: 94 Resp: 18319

Ion Ratio Lower Upper

94 100

45 26.5 7.2 47.2

79 53.3 21.6 61.6

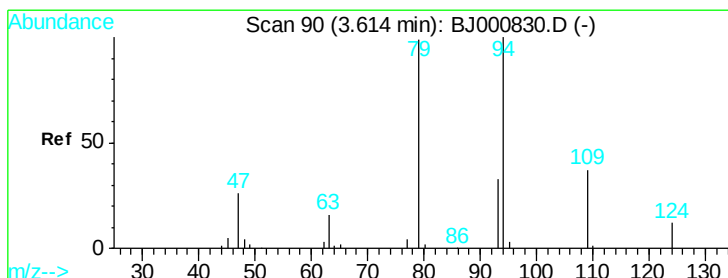
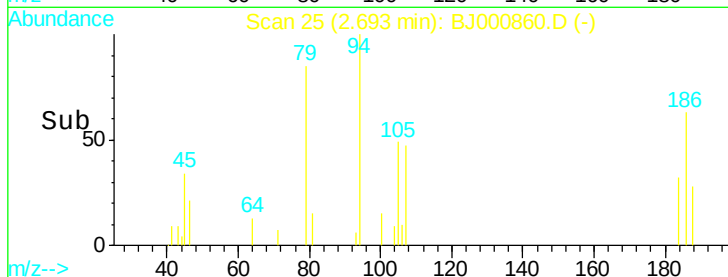
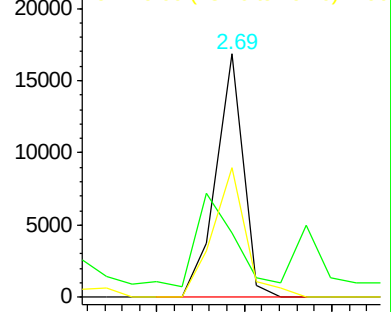


Abundance

Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 0.36 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. -0.02 min

Lab File: BJ000860.D

Acq: 28 Apr 2012 5:03

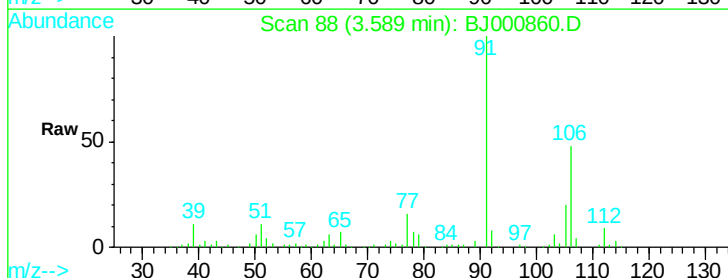
Tgt Ion: 79 Resp: 16679

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#

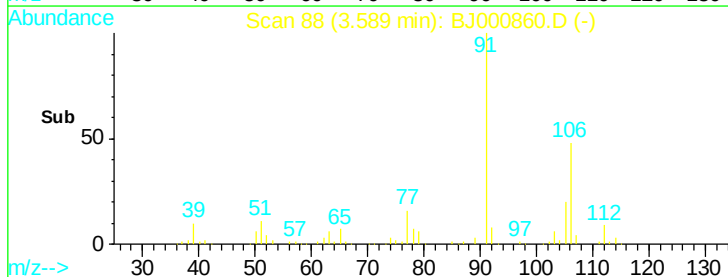
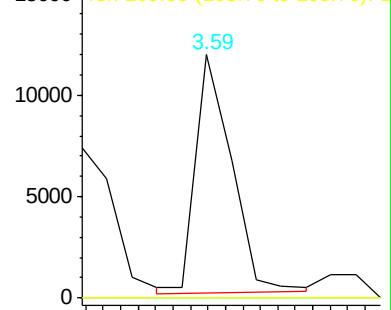


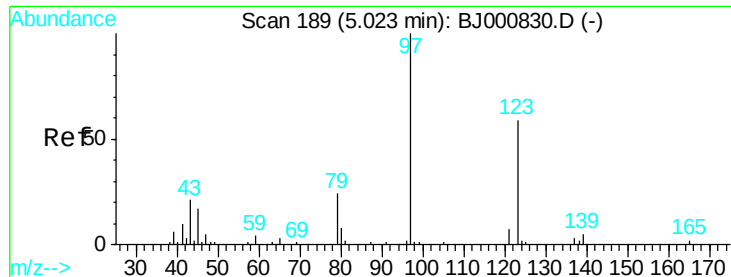
Abundance

Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0





#4

DIMP

Concen: 0.24 ug/mL

RT: 5.08 min Scan# 193

Delta R.T. 0.06 min

Lab File: BJ000860.D

Acq: 28 Apr 2012 5:03

Tgt Ion: 97 Resp: 39182

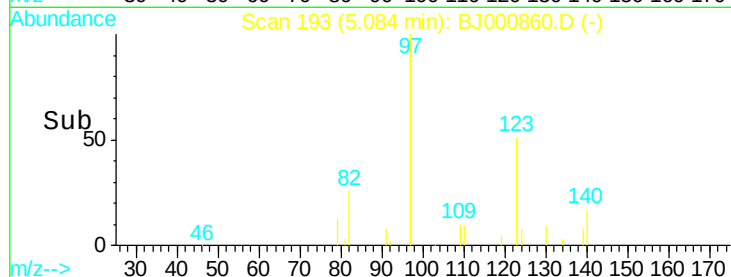
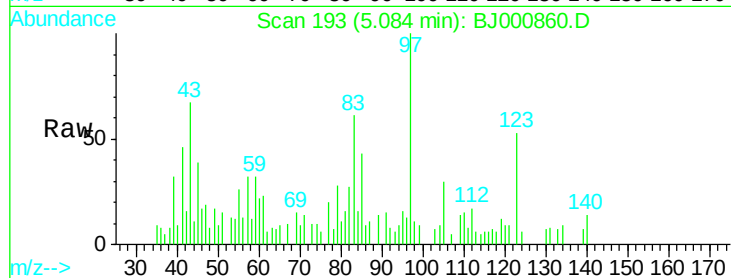
Ion Ratio Lower Upper

97 100

123 52.7 39.1 79.1

43 67.1 0.9 40.9#

41 46.1 0.0 30.0#



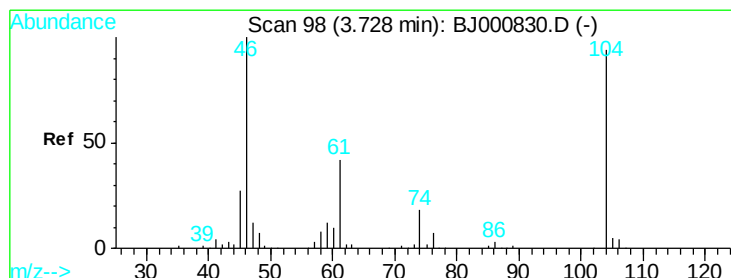
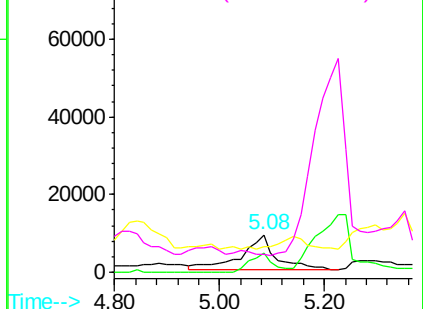
Abundance

Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



#5

1,4-Oxathiane

Concen: 66.46 ug/mL

RT: 3.75 min Scan# 99

Delta R.T. 0.02 min

Lab File: BJ000860.D

Acq: 28 Apr 2012 5:03

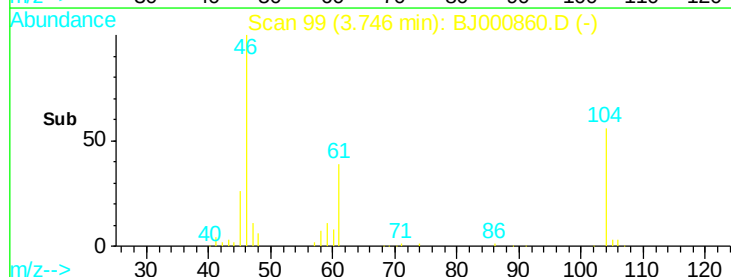
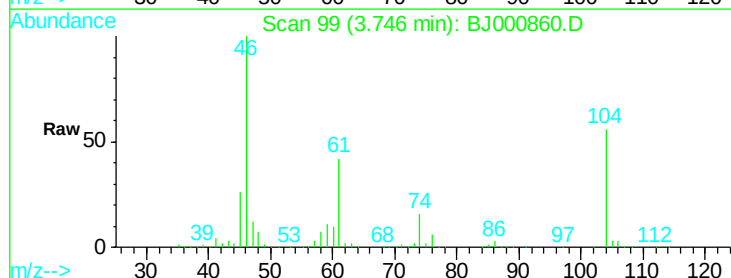
Tgt Ion: 46 Resp: 4633208

Ion Ratio Lower Upper

46 100

61 41.9 22.0 62.0

104 56.3 73.6 113.6#

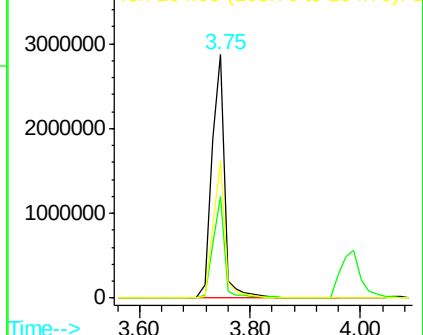


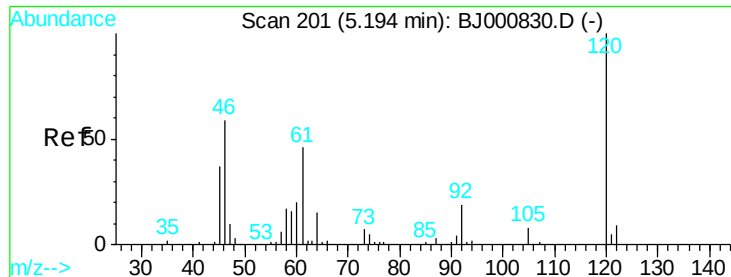
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 174.92 ug/mL

RT: 5.23 min Scan# 203

Delta R.T. 0.03 min

Lab File: BJ000860.D

Acq: 28 Apr 2012 5:03

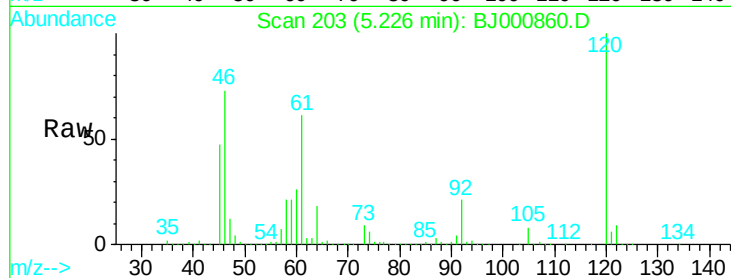
Tgt Ion: 46 Resp: 9173299

Ion Ratio Lower Upper

46 100

61 83.2 56.7 96.7

120 137.1 148.6 188.6#

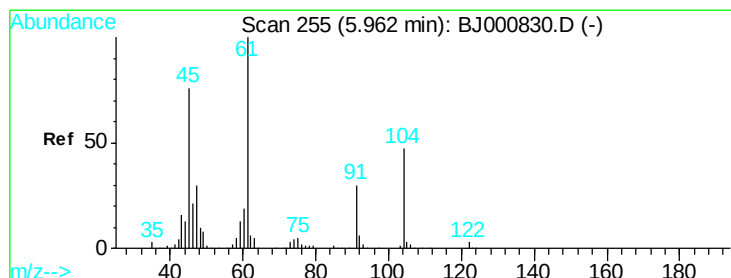
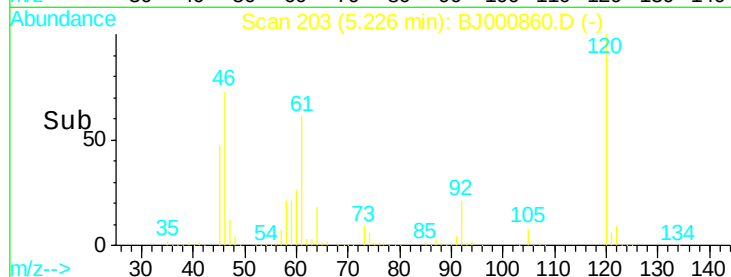
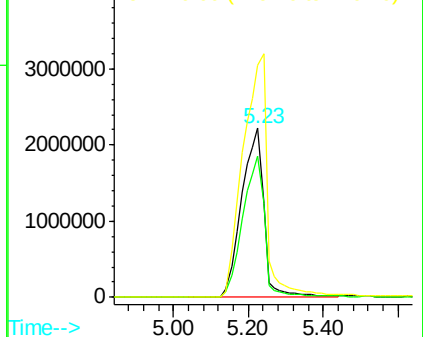


Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 120.00 (119.70 to 120.70): BJ0



#8

Thiodiglycol

Concen: 5.64 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.01 min

Lab File: BJ000860.D

Acq: 28 Apr 2012 5:03

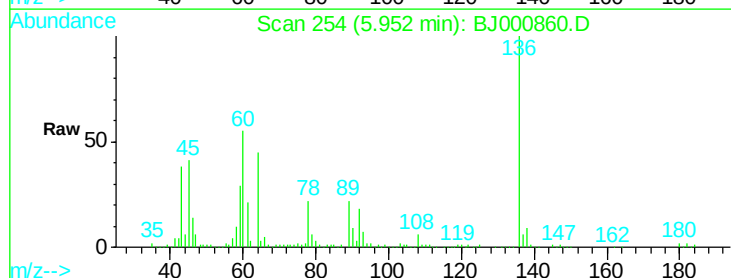
Tgt Ion: 61 Resp: 215711

Ion Ratio Lower Upper

61 100

45 200.6 56.4 96.4#

47 26.8 10.1 50.1

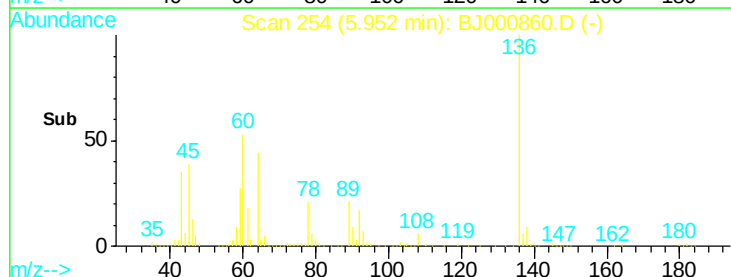
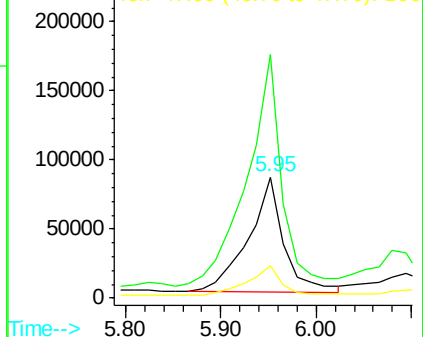


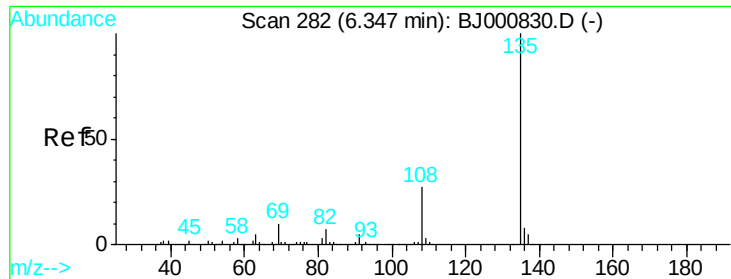
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0





#9

Benzothiazole

Concen: 0.03 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.00 min

Lab File: BJ000860.D

Acq: 28 Apr 2012 5:03

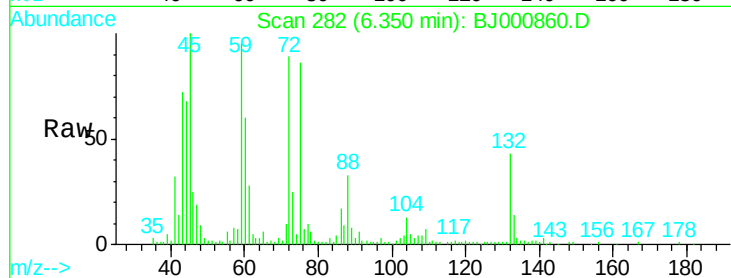
Tgt Ion:135 Resp: 5464

Ion Ratio Lower Upper

135 100

108 168.9 7.0 47.0#

69 158.0 0.0 30.4#

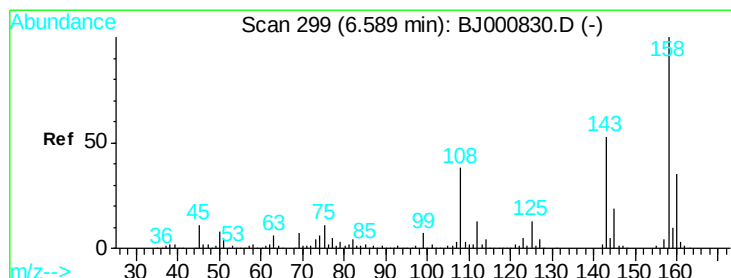
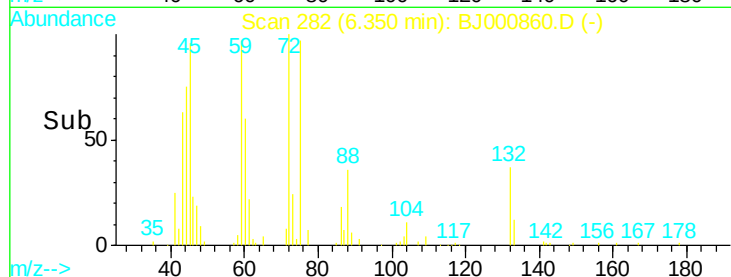
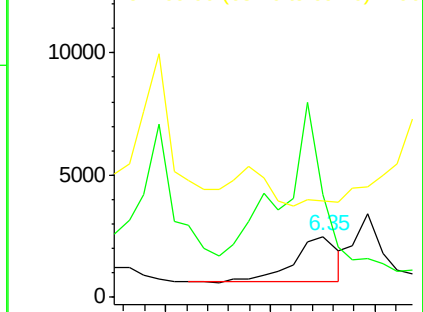


Abundance

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): BJ0



#11

p-Chlorophenylmethylsulfide

Concen: 0.03 ug/mL

RT: 6.46 min Scan# 290

Delta R.T. -0.12 min

Lab File: BJ000860.D

Acq: 28 Apr 2012 5:03

Tgt Ion:158 Resp: 4440

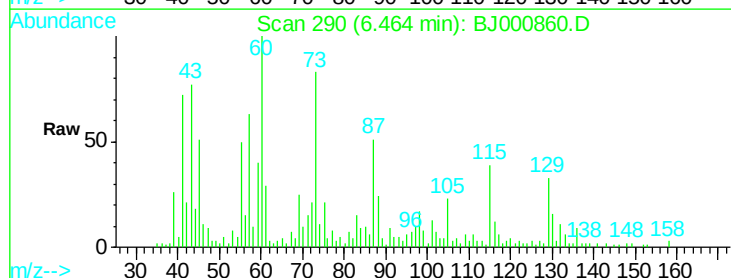
Ion Ratio Lower Upper

158 100

143 75.5 32.7 72.7#

108 81.5 18.7 58.7#

45 1702.3 0.0 31.9#



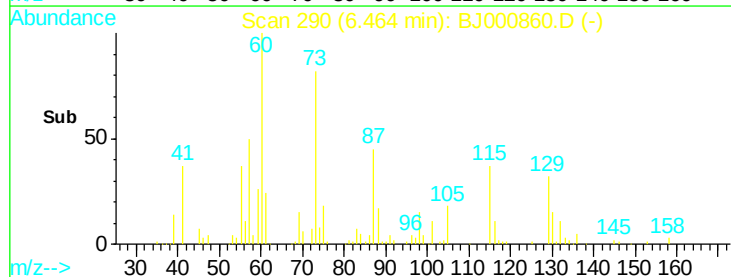
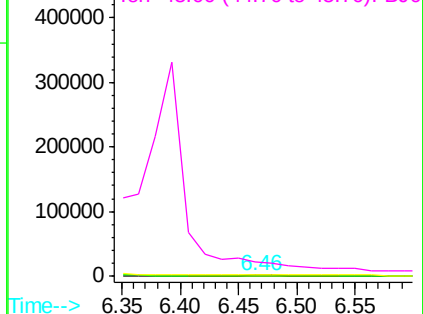
Abundance

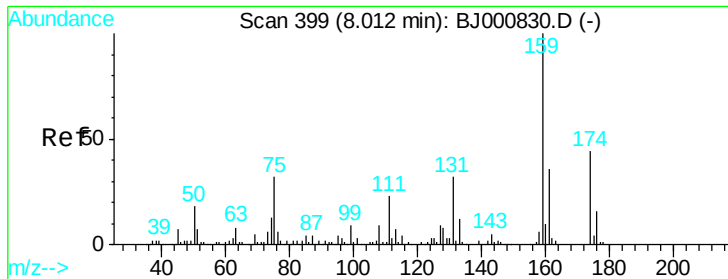
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

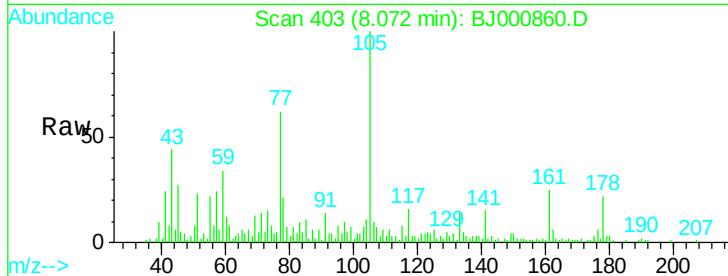
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.02 ug/mL
RT: 8.07 min Scan# 403
Delta R.T. 0.06 min
Lab File: BJ000860.D
Acq: 28 Apr 2012 5:03

Tgt Ion:159 Resp: 1728
Ion Ratio Lower Upper
159 100
174 0.0 28.0 68.0#
108 104.0 0.0 28.5#
50 1131.0 0.0 36.1#



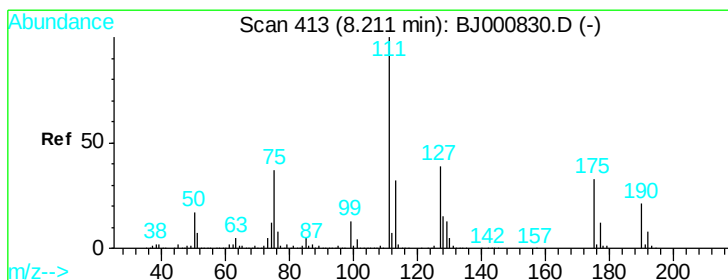
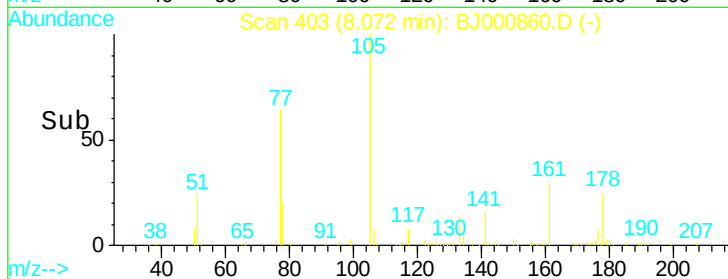
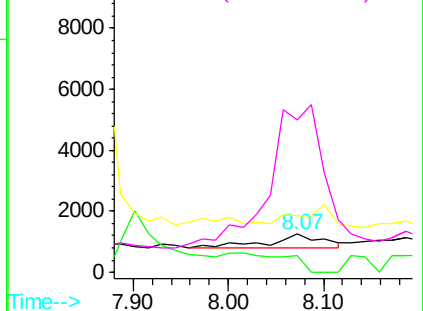
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

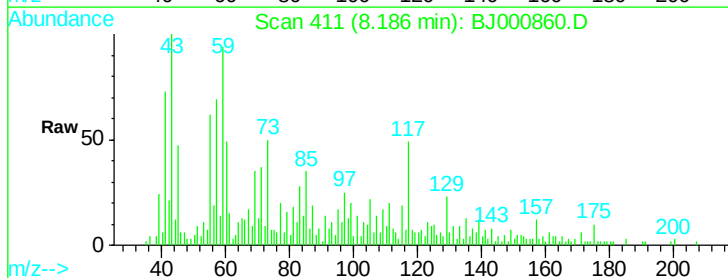
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 0.07 ug/mL
RT: 8.19 min Scan# 411
Delta R.T. -0.02 min
Lab File: BJ000860.D
Acq: 28 Apr 2012 5:03

Tgt Ion:111 Resp: 8332
Ion Ratio Lower Upper
111 100
75 34.3 18.5 58.5
127 28.3 19.3 59.3
190 9.1 0.9 40.9



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

