

Data File : H:\VOL1\GCMSDATA\J\120720\BJ001036.D
 Acq On : 20 Jul 2012 12:06
 Sample : CWA-5
 Misc : BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jul 20 13:58 2012

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

Quant Results File: BJ072012.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Jul 20 13:59:18 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.63	152	250783	2.00	ug/mL	-0.04
6) Naphthalene-d8	5.90	136	317336	2.00	ug/mL	-0.06

System Monitoring Compounds

10) Tripropylphosphate	6.93	99	599694	4.84	ug/mL	-0.07
Spiked Amount	0.500	Range	70 - 130	Recovery	=	968.00%#
12) 2-Bromothioanisole	7.18	204	519639	23.98	ug/mL	-0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	479.60%#

Target Compounds

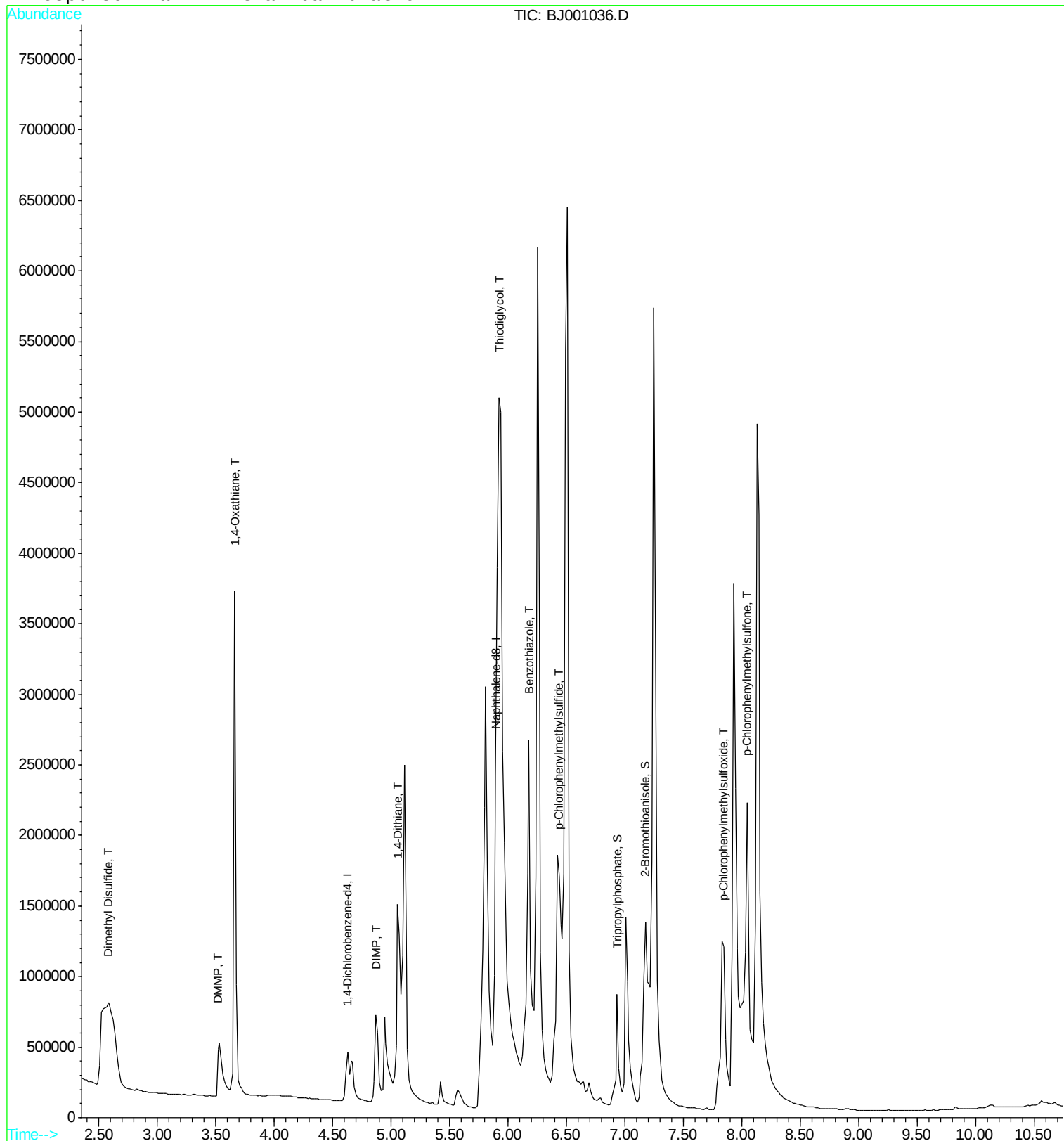
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.58	94	1408437	16.54	ug/mL#	76
3) DMMP	3.52	79	424481	4.50	ug/mL#	66
4) DIMP	4.87	97	441890	2.06	ug/mL	78
5) 1,4-Oxathiane	3.66	46	1313296	15.68	ug/mL	84
7) 1,4-Dithiane	5.06	46	459595	20.33	ug/mL#	65
8) Thiodiglycol	5.92	61	4317904	172.60	ug/mL	95
9) Benzothiazole	6.18	135	2197069	25.20	ug/mL	95
11) p-Chlorophenylmethyldisulfide	6.44	158	1033850	18.89	ug/mL	92
13) p-Chlorophenylmethyldisulfox	7.85	159	575399	16.33	ug/mL	99
14) p-Chlorophenylmethyldisulfon	8.04	111	871712	18.88	ug/mL	99

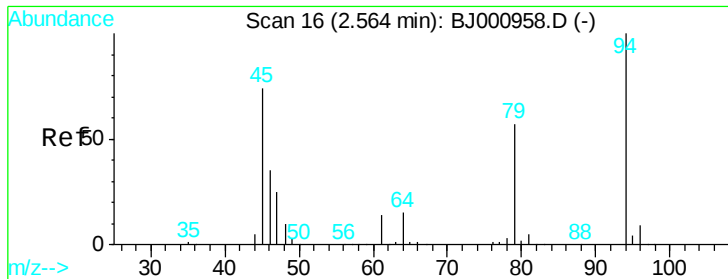
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#2

Dimethyl Disulfide

Concen: 16.54 ug/mL

RT: 2.58 min Scan# 17

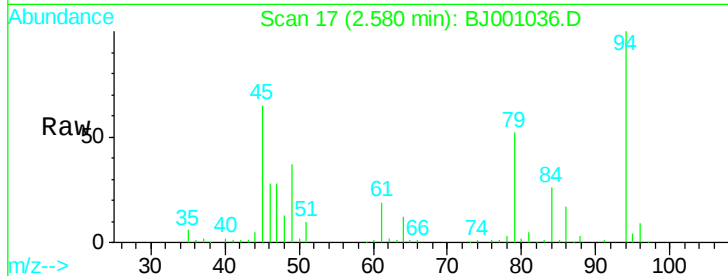
Delta R.T. 0.00 min

Lab File: BJ001036.D

Acq: 20 Jul 2012 12:06

Tgt Ion: 94 Resp: 1408437

Ion	Ratio	Lower	Upper
94	100		
45	65.4	75.2	115.2#
79	51.9	43.1	83.1

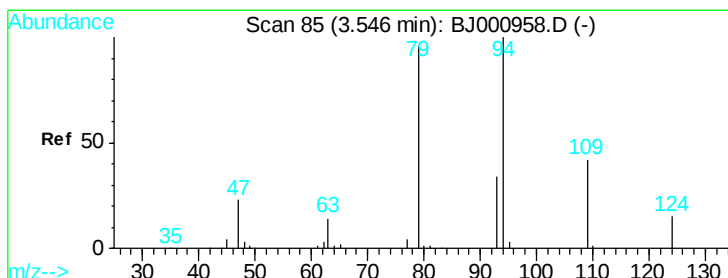
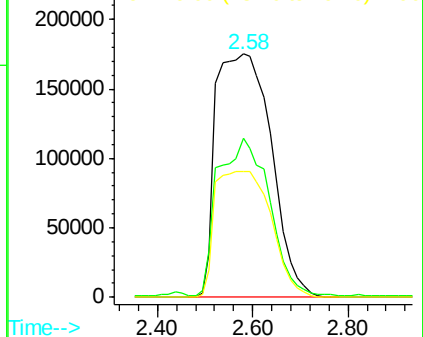
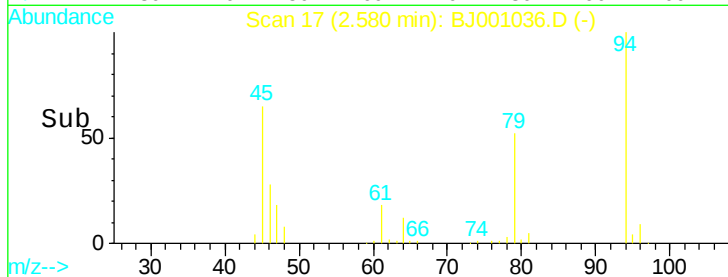


Abundance

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: 4.50 ug/mL

RT: 3.52 min Scan# 83

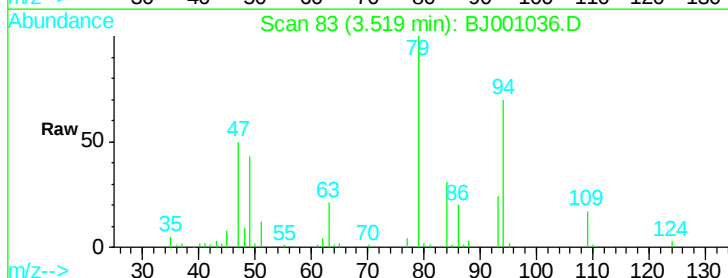
Delta R.T. -0.03 min

Lab File: BJ001036.D

Acq: 20 Jul 2012 12:06

Tgt Ion: 79 Resp: 424481

Ion	Ratio	Lower	Upper
79	100		
94	69.6	83.0	123.0#
109	17.0	20.0	60.0#

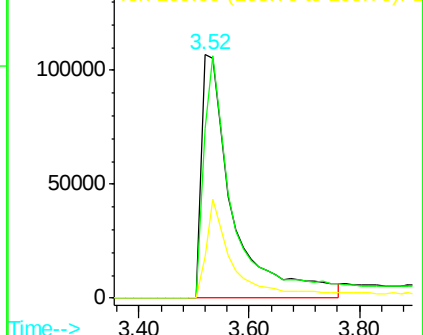
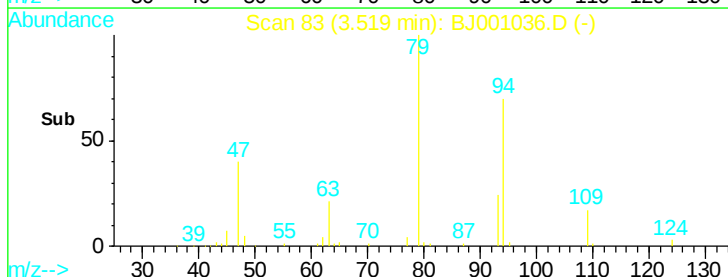


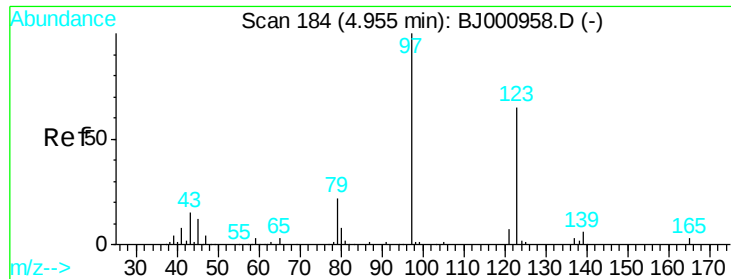
Abundance

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: 2.06 ug/mL

RT: 4.87 min Scan# 178

Delta R.T. -0.07 min

Lab File: BJ001036.D

Acq: 20 Jul 2012 12:06

Tgt Ion: 97 Resp: 441890

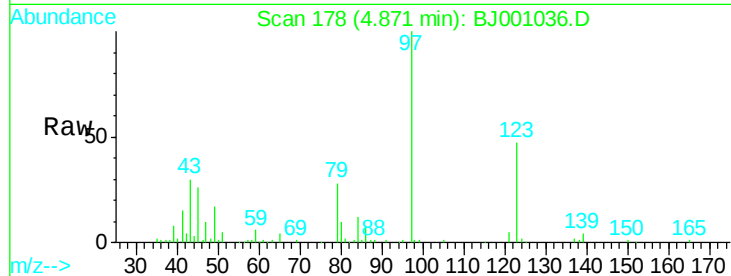
Ion Ratio Lower Upper

97 100

123 47.3 43.8 83.8

43 30.1 0.0 38.6

41 14.9 0.0 29.1



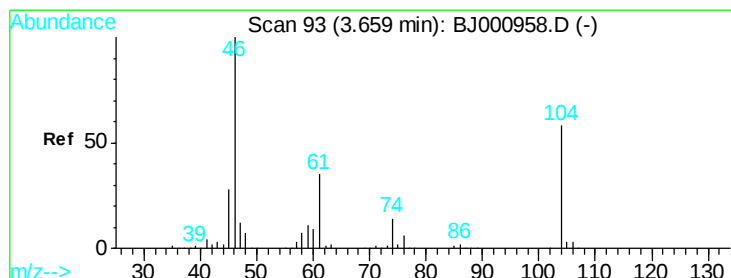
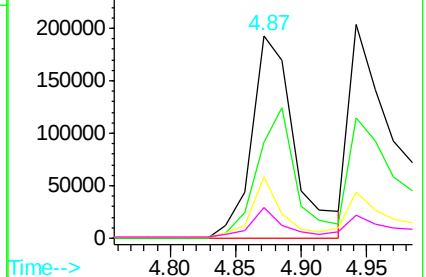
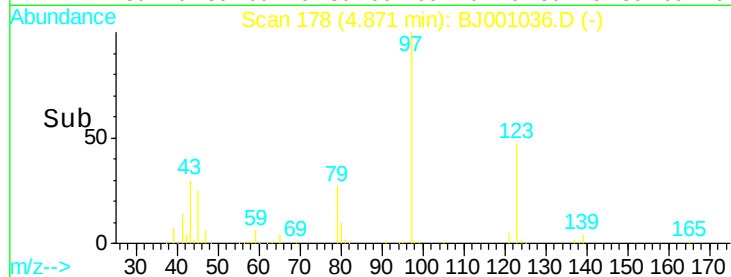
Abundance

Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): B

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



#5

1,4-Oxathiane

Concen: 15.68 ug/mL

RT: 3.66 min Scan# 93

Delta R.T. 0.02 min

Lab File: BJ001036.D

Acq: 20 Jul 2012 12:06

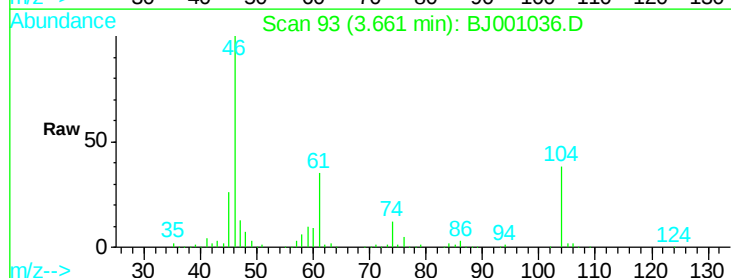
Tgt Ion: 46 Resp: 1313296

Ion Ratio Lower Upper

46 100

61 35.5 19.4 59.4

104 37.8 34.1 74.1

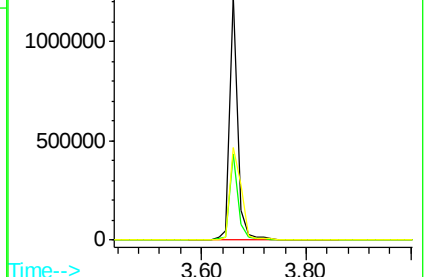
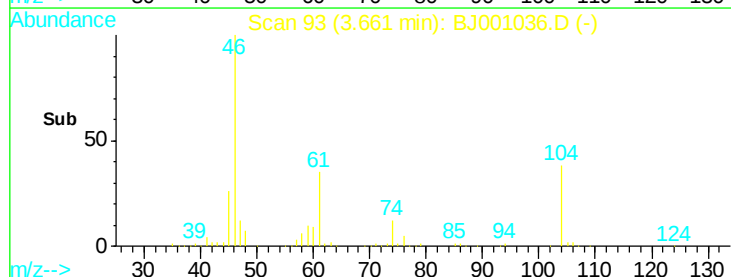


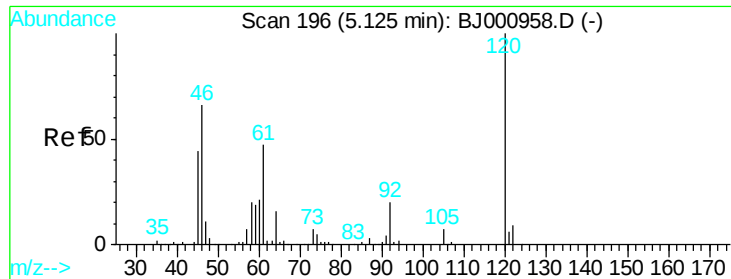
Abundance

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): B





#7

1,4-Dithiane

Concen: 20.33 ug/mL

RT: 5.06 min Scan# 191

Delta R.T. -0.06 min

Lab File: BJ001036.D

Acq: 20 Jul 2012 12:06

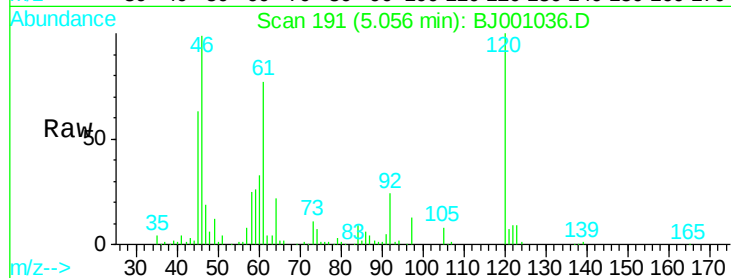
Tgt Ion: 46 Resp: 459595

Ion Ratio Lower Upper

46 100

61 77.8 63.7 103.7

120 101.4 148.0 188.0#

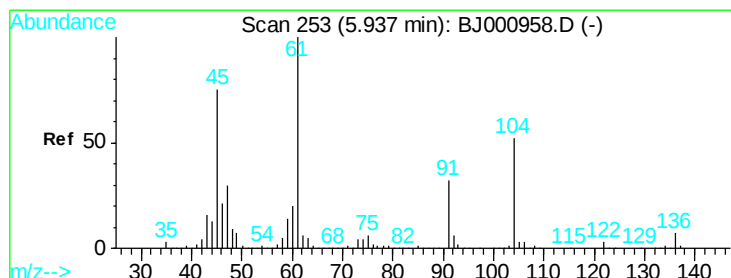
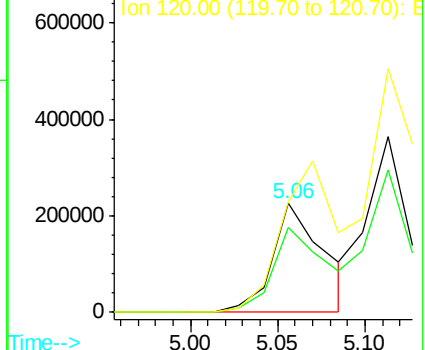
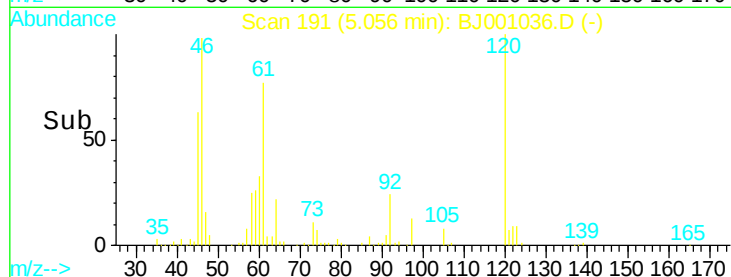


Abundance

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: 172.60 ug/mL

RT: 5.92 min Scan# 252

Delta R.T. 0.00 min

Lab File: BJ001036.D

Acq: 20 Jul 2012 12:06

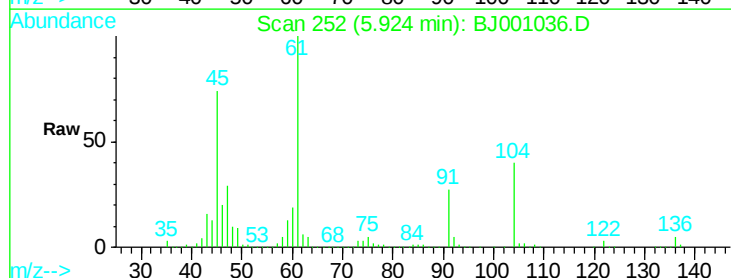
Tgt Ion: 61 Resp: 4317904

Ion Ratio Lower Upper

61 100

45 73.5 49.0 89.0

47 29.4 7.6 47.6

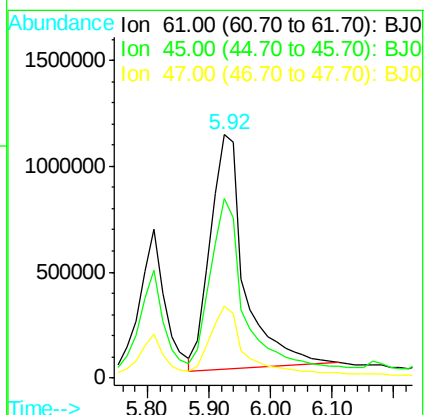
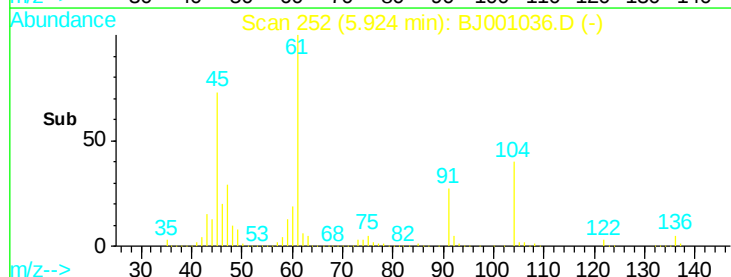


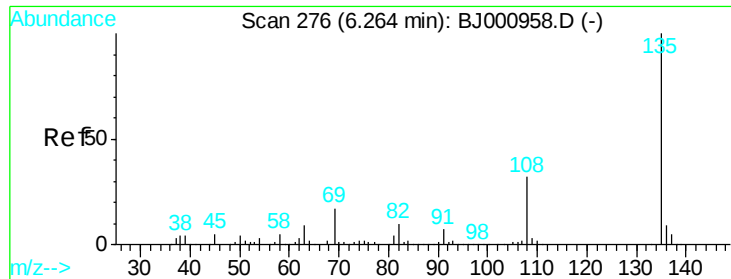
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

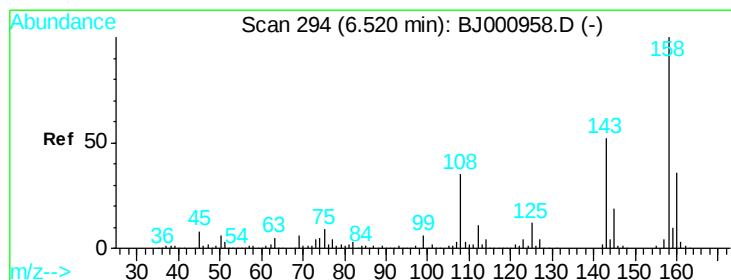
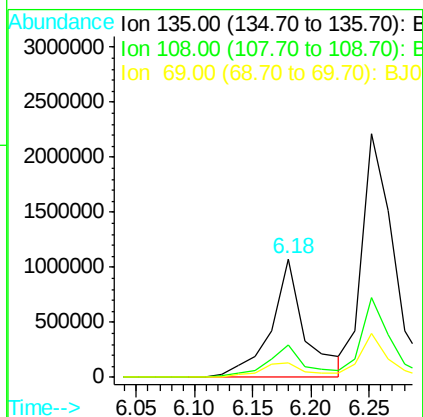
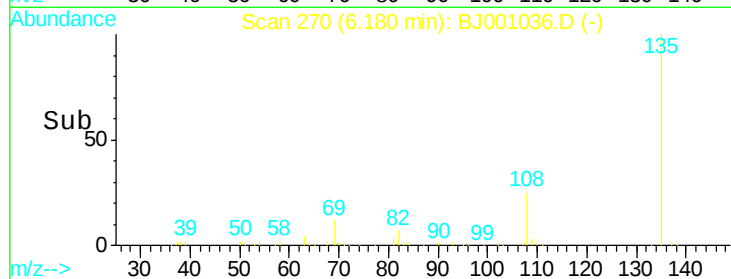
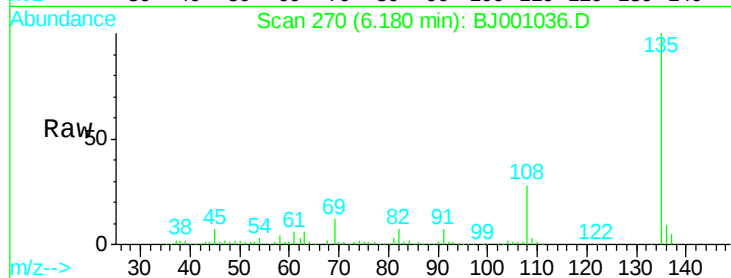
Ion 47.00 (46.70 to 47.70): BJ0





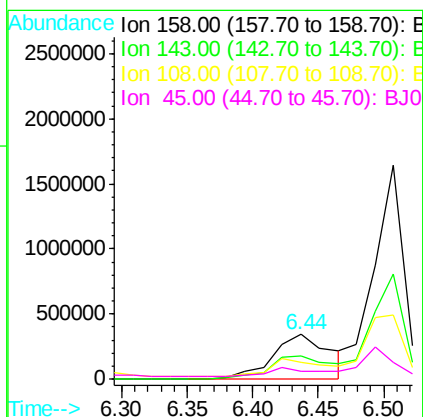
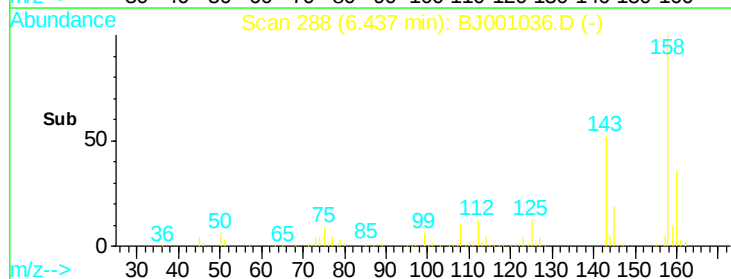
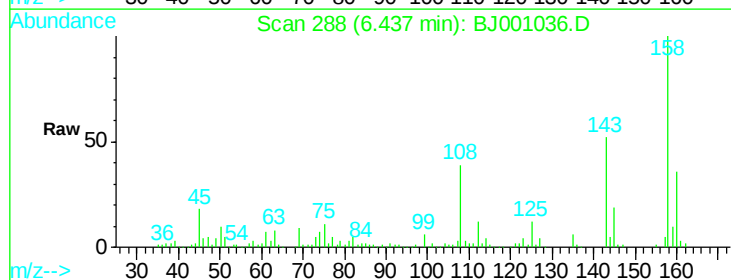
#9
Benzothiazole
Concen: 25.20 ug/mL
RT: 6.18 min Scan# 270
Delta R.T. -0.07 min
Lab File: BJ001036.D
Acq: 20 Jul 2012 12:06

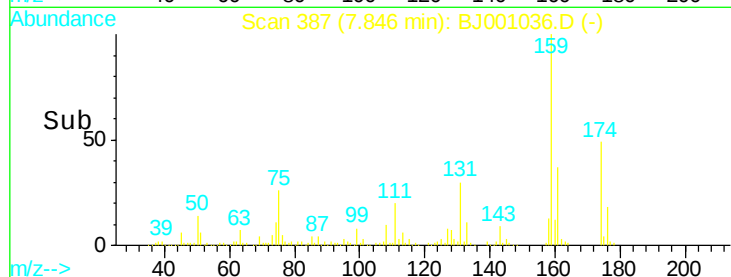
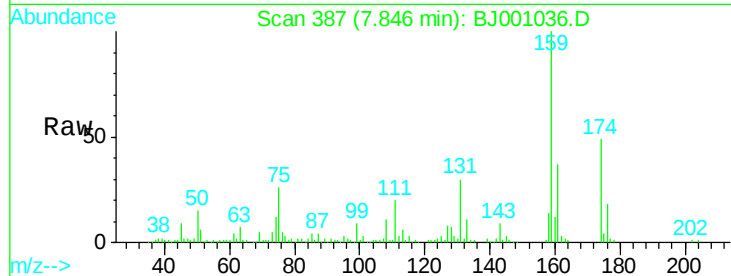
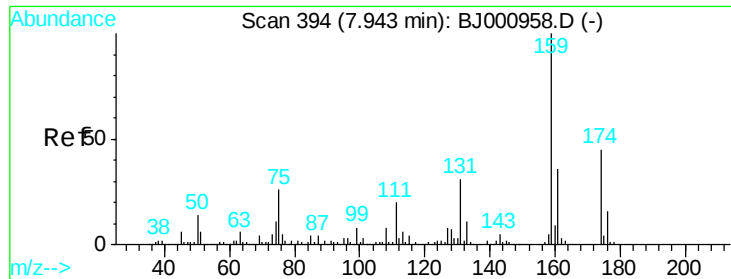
Tgt Ion:135 Resp: 2197069
Ion Ratio Lower Upper
135 100
108 27.6 9.9 49.9
69 12.3 0.0 35.1



#11
p-Chlorophenylmethylsulfide
Concen: 18.89 ug/mL
RT: 6.44 min Scan# 288
Delta R.T. -0.06 min
Lab File: BJ001036.D
Acq: 20 Jul 2012 12:06

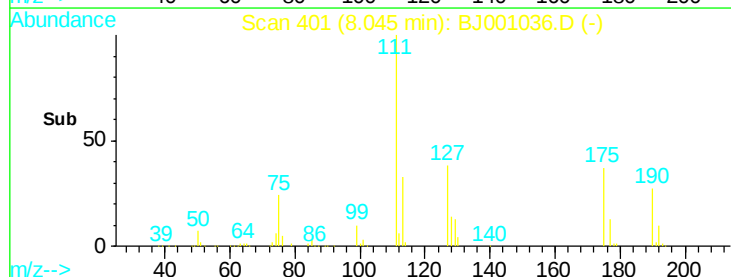
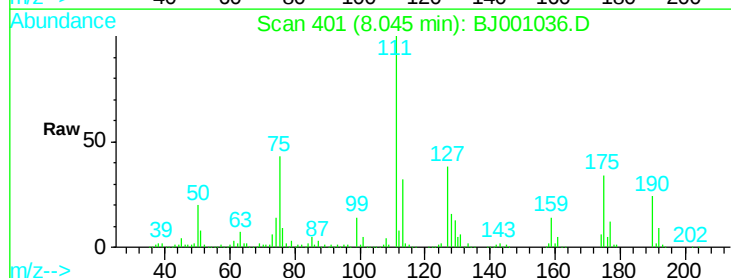
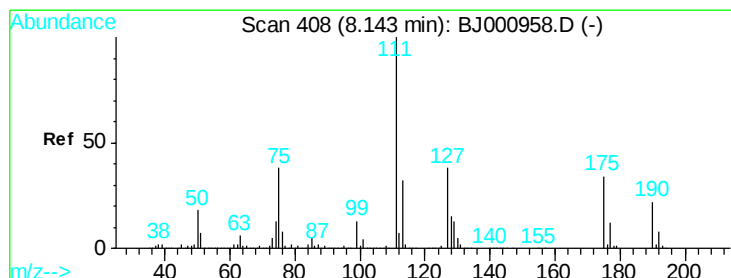
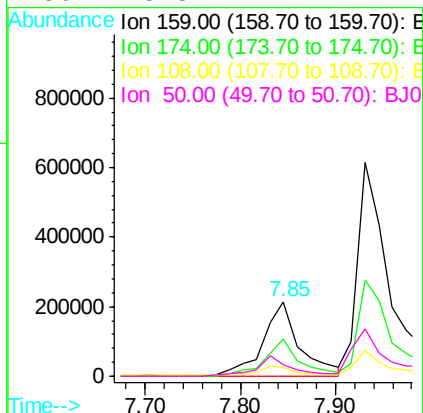
Tgt Ion:158 Resp: 1033850
Ion Ratio Lower Upper
158 100
143 51.8 36.2 76.2
108 38.7 25.5 65.5
45 18.0 0.7 40.7





#13
p-Chlorophenylmethylsulfoxide
Concen: 16.33 ug/mL
RT: 7.85 min Scan# 387
Delta R.T. -0.08 min
Lab File: BJ001036.D
Acq: 20 Jul 2012 12:06

Tgt Ion:	159	Resp:	575399
Ion	Ratio	Lower	Upper
159	100		
174	47.5	27.6	67.6
108	13.0	0.0	31.8
50	23.8	2.7	42.7



#14
p-Chlorophenylmethylsulfone
Concen: 18.88 ug/mL
RT: 8.04 min Scan# 401
Delta R.T. -0.08 min
Lab File: BJ001036.D
Acq: 20 Jul 2012 12:06

Tgt Ion:	111	Resp:	871712
Ion	Ratio	Lower	Upper
111	100		
75	42.6	22.6	62.6
127	38.1	17.2	57.2
190	23.6	2.0	42.0

