

Data File : H:\VOL1\GCMSDATA\J\120627\BJ000978.D
 Acq On : 27 Jun 2012 19:58
 Sample : D3152-18
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Jun 28 10:48 2012

Vial: 22
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ060812.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Jun 28 10:45:59 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	178426	2.00	ug/mL	0.00
6) Naphthalene-d8	5.98	136	738463	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.03	99	137112	0.48	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.00%
12) 2-Bromothioanisole	7.27	204	209641	4.16	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.63	94	1018	0.02	ug/mL	91
3) DMMP	3.55	79	690	0.05	ug/mL#	8
4) DIMP	5.01	97	290736	1.91	ug/mL#	83
5) 1,4-Oxathiane	3.67	46	4296	0.07	ug/mL#	65
7) 1,4-Dithiane	5.14	46	5242	0.10	ug/mL#	50
8) Thiodiglycol	5.87	61	1582	1.47	ug/mL#	1
9) Benzothiazole	6.28	135	4732	0.02	ug/mL#	1
13) p-Chlorophenylmethysulfox	7.92	159	2997	0.08	ug/mL#	31

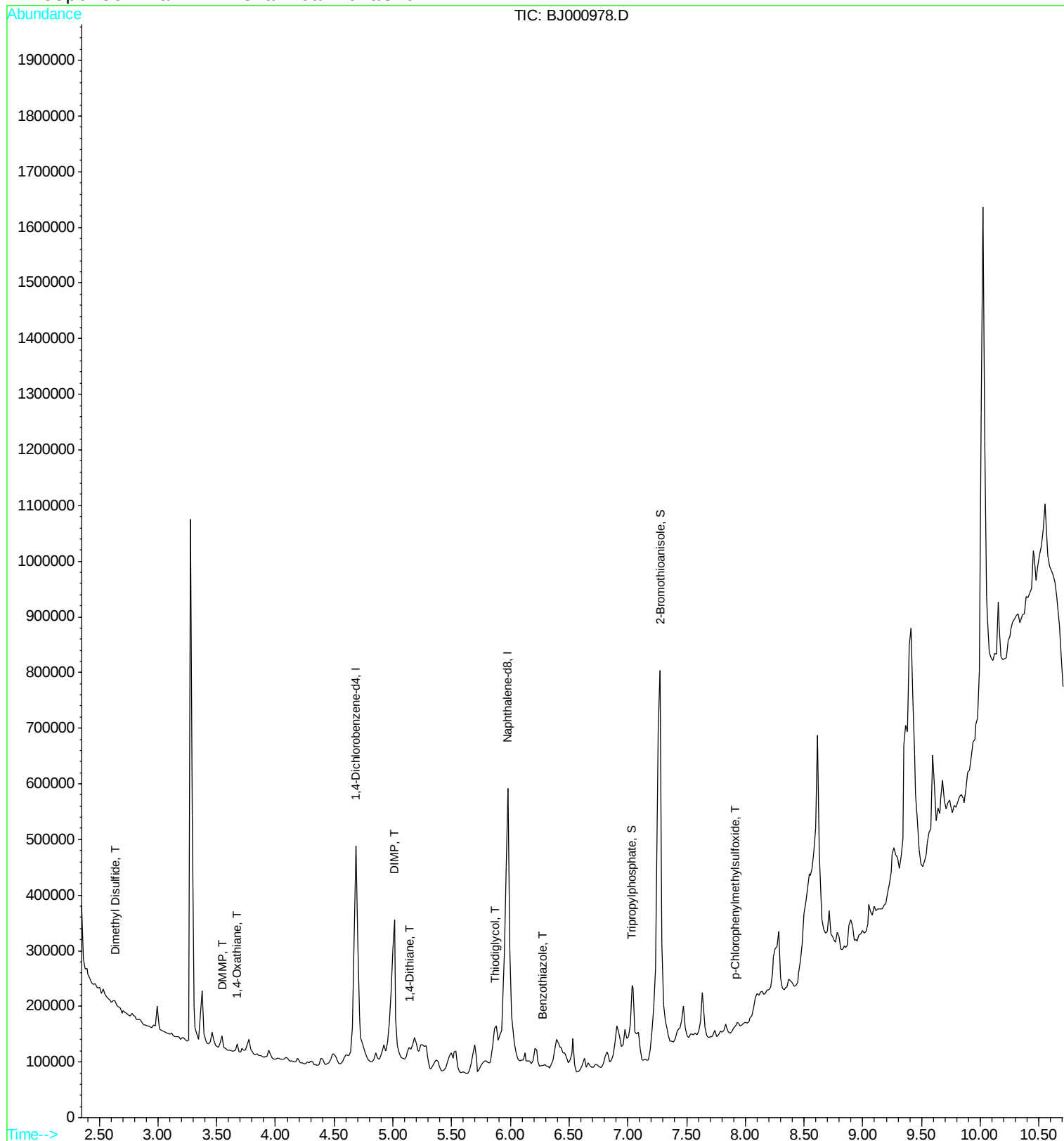
Quantitation Report

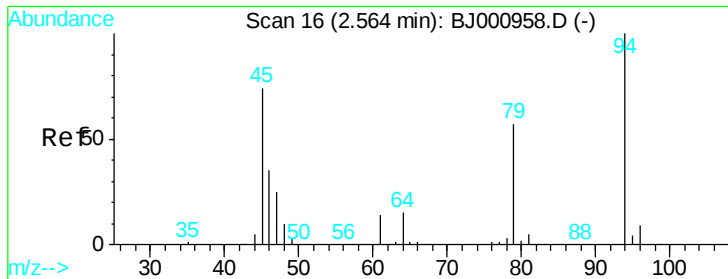
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#2

Dimethyl Disulfide

Concen: 0.02 ug/mL

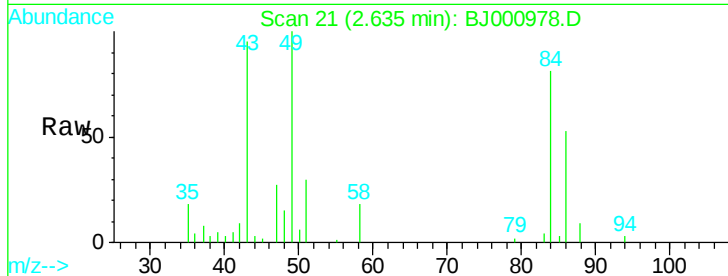
RT: 2.63 min Scan# 21

Delta R.T. 0.07 min

Lab File: BJ000978.D

Acq: 27 Jun 2012 19:58

Tgt Ion:	94	Resp:	1018
Ion	Ratio	Lower	Upper
94	100		
45	67.6	55.3	95.3
79	64.5	37.3	77.3

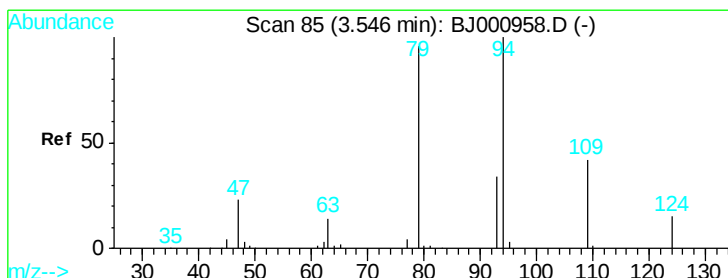
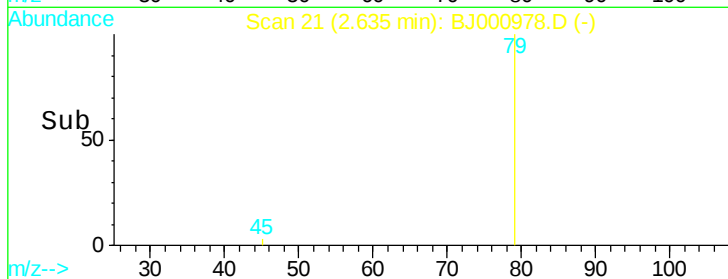
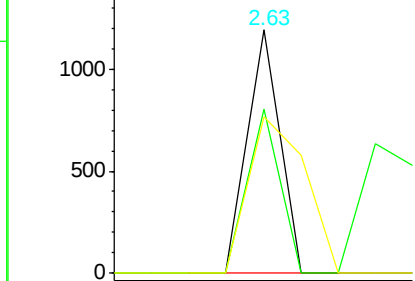


Abundance

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: 0.05 ug/mL

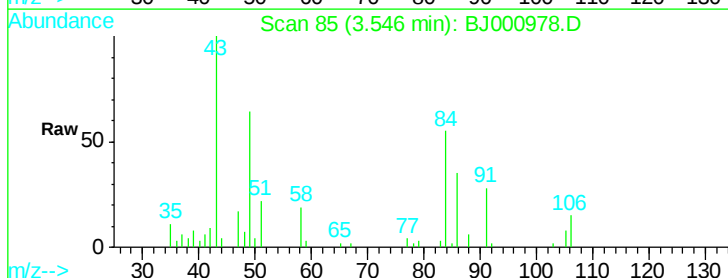
RT: 3.55 min Scan# 85

Delta R.T. 0.00 min

Lab File: BJ000978.D

Acq: 27 Jun 2012 19:58

Tgt Ion:	79	Resp:	690
Ion	Ratio	Lower	Upper
79	100		
94	0.0	84.5	124.5#
109	0.0	23.4	63.4#

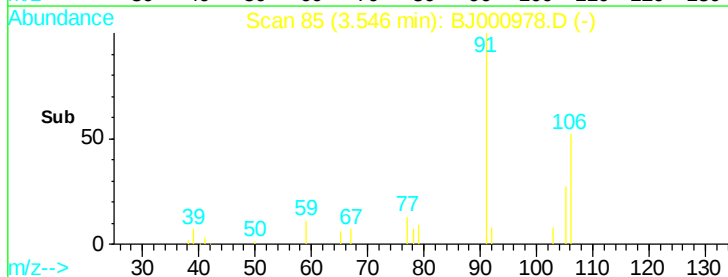
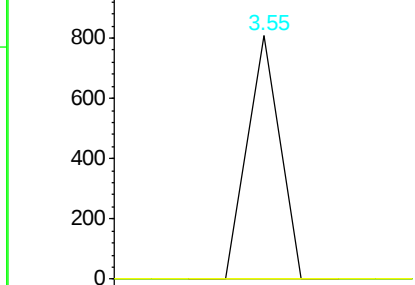


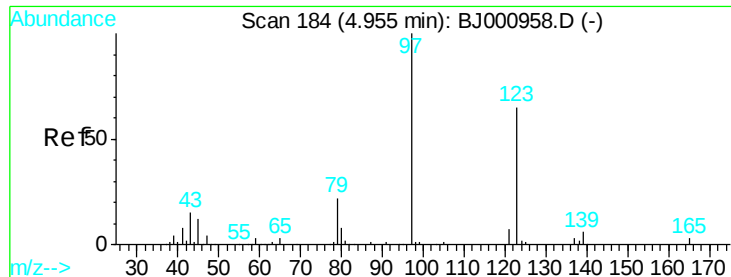
Abundance

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: 1.91 ug/mL

RT: 5.01 min Scan# 188

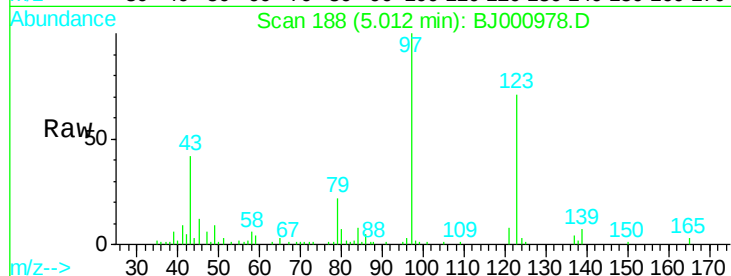
Delta R.T. 0.06 min

Lab File: BJ000978.D

Acq: 27 Jun 2012 19:58

Tgt Ion: 97 Resp: 290736

Ion	Ratio	Lower	Upper
97	100		
123	71.1	45.3	85.3
43	42.4	0.0	35.5
41	9.2	0.0	27.9



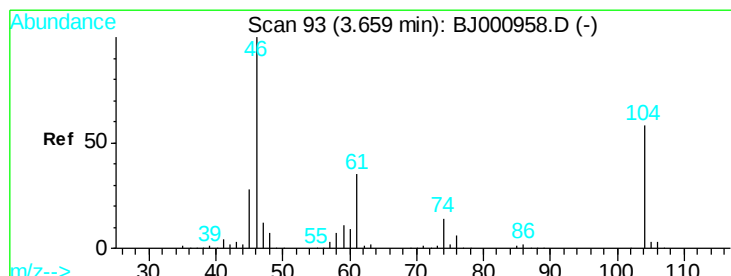
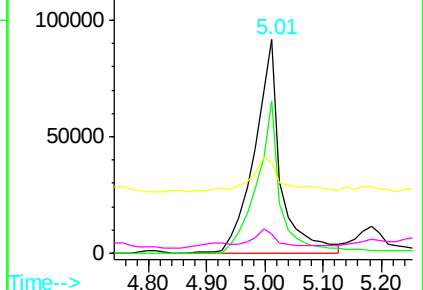
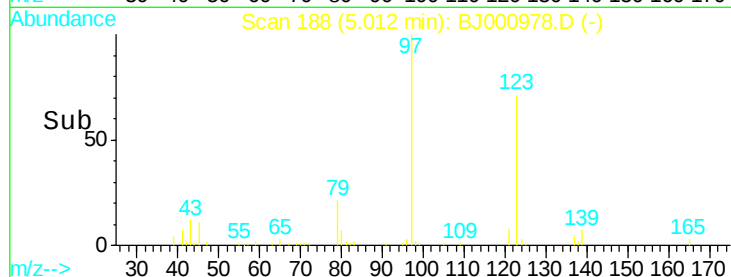
Abundance

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: 0.07 ug/mL

RT: 3.67 min Scan# 94

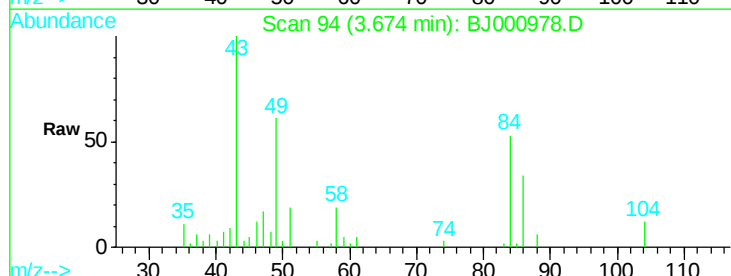
Delta R.T. 0.01 min

Lab File: BJ000978.D

Acq: 27 Jun 2012 19:58

Tgt Ion: 46 Resp: 4296

Ion	Ratio	Lower	Upper
46	100		
61	39.9	15.3	55.3
104	96.5	38.4	78.4

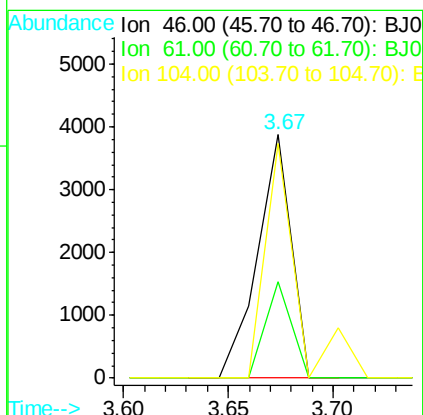
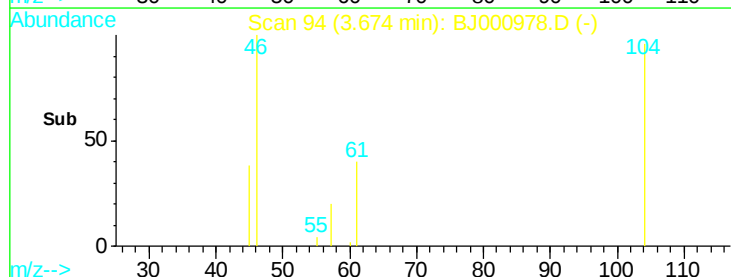


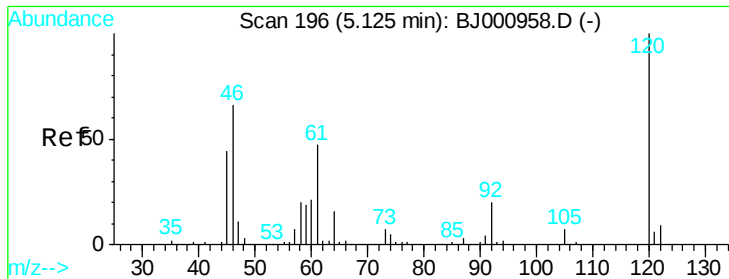
Abundance

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: 0.10 ug/mL

RT: 5.14 min Scan# 197

Delta R.T. 0.01 min

Lab File: BJ000978.D

Acq: 27 Jun 2012 19:58

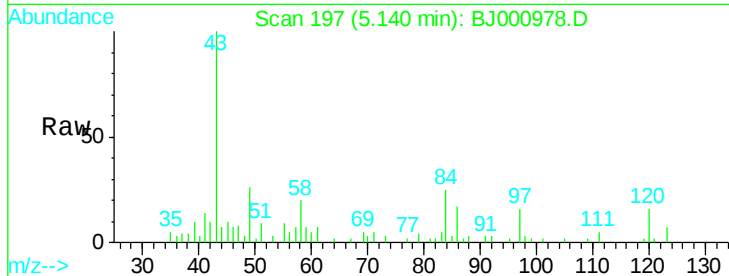
Tgt Ion: 46 Resp: 5242

Ion Ratio Lower Upper

46 100

61 97.8 50.6 90.6#

120 225.1 131.1 171.1#

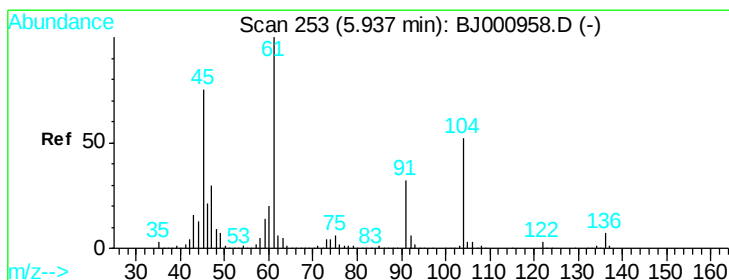
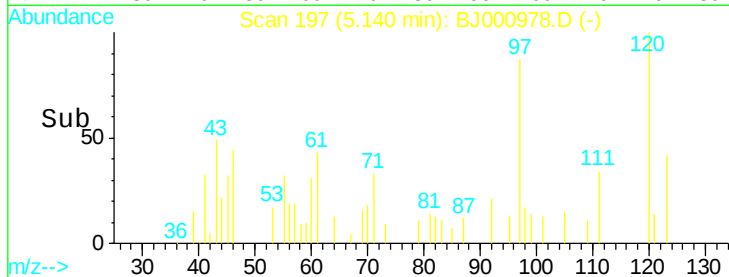
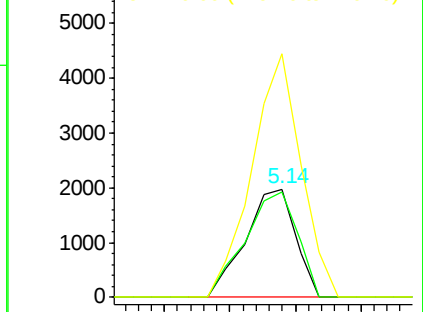


Abundance

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: 1.47 ug/mL

RT: 5.87 min Scan# 248

Delta R.T. -0.07 min

Lab File: BJ000978.D

Acq: 27 Jun 2012 19:58

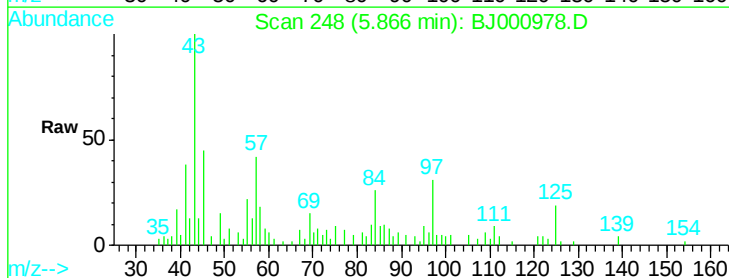
Tgt Ion: 61 Resp: 1582

Ion Ratio Lower Upper

61 100

45 1502.5 55.5 95.5#

47 129.4 10.4 50.4#

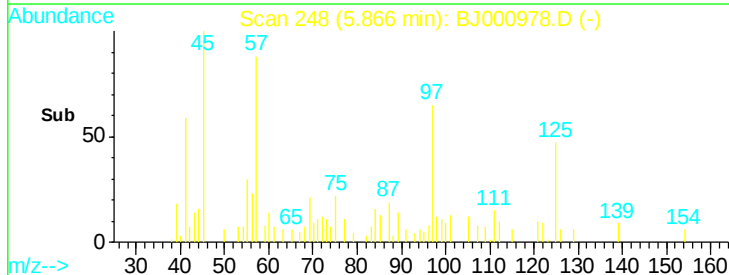
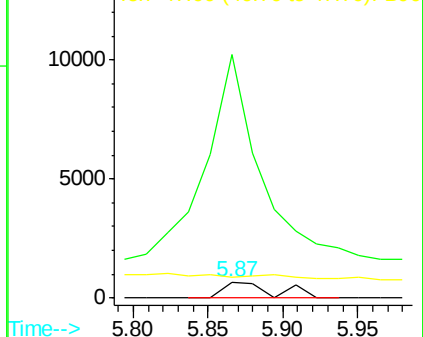


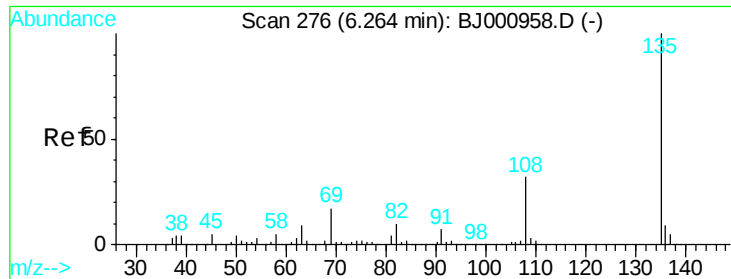
Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

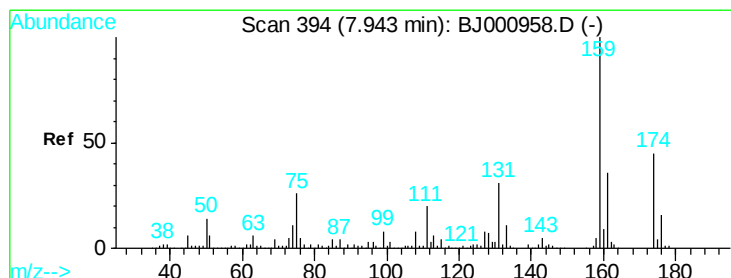
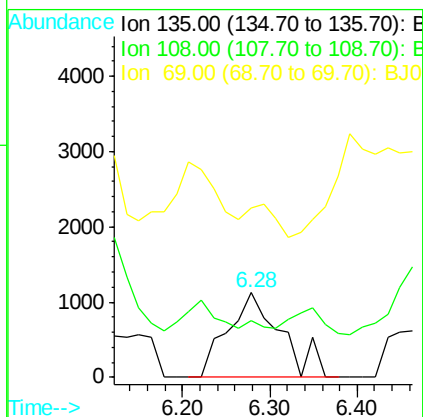
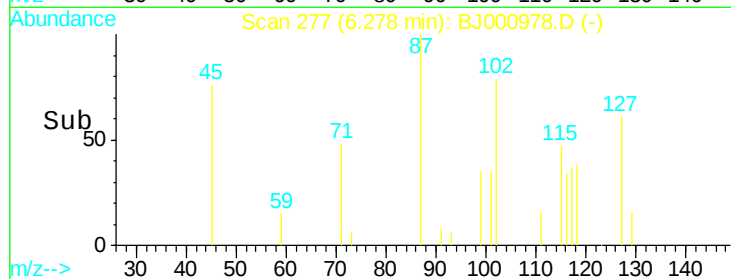
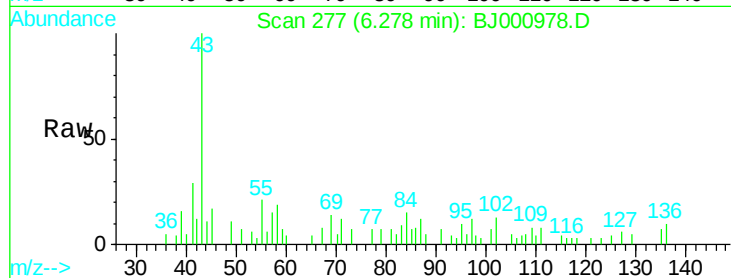
Ion 47.00 (46.70 to 47.70): BJ0





#9
Benzothiazole
Concen: 0.02 ug/mL
RT: 6.28 min Scan# 277
Delta R.T. 0.01 min
Lab File: BJ000978.D
Acq: 27 Jun 2012 19:58

Tgt Ion:135 Resp: 4732
Ion Ratio Lower Upper
135 100
108 66.9 12.4 52.4#
69 201.5 0.0 36.7#



#13
p-Chlorophenylmethylsulfoxide
Concen: 0.08 ug/mL
RT: 7.92 min Scan# 392
Delta R.T. -0.03 min
Lab File: BJ000978.D
Acq: 27 Jun 2012 19:58

Tgt Ion:159 Resp: 2997
Ion Ratio Lower Upper
159 100
174 0.0 26.0 66.0#
108 51.9 0.0 28.6#
50 0.0 0.0 37.3

