

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000815.D
 Acq On : 27 Apr 2012 1:03
 Sample : D2330-15
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 11:33 2012

Vial: 31
 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 : Fri Apr 27 11:32:02 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.75	152	237989	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.05	136	995191	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	192576	0.57	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	114.00%
12) 2-Bromothioanisole	7.36	204	293139	4.49	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.69	94	3983	0.05	ug/mL#	1
3) DMMP	3.60	79	1193	0.12	ug/mL#	8
4) DIMP	4.92	97	1068	0.01	ug/mL#	1
5) 1,4-Oxathiane	3.73	46	547629	6.49	ug/mL#	49
7) 1,4-Dithiane	5.21	46	2846178	43.30	ug/mL	95
8) Thiodiglycol	5.96	61	155056	3.97	ug/mL#	6
9) Benzothiazole	6.35	135	10861	0.04	ug/mL#	1
13) p-Chlorophenylmethysulfox	8.01	159	1968	0.02	ug/mL#	1

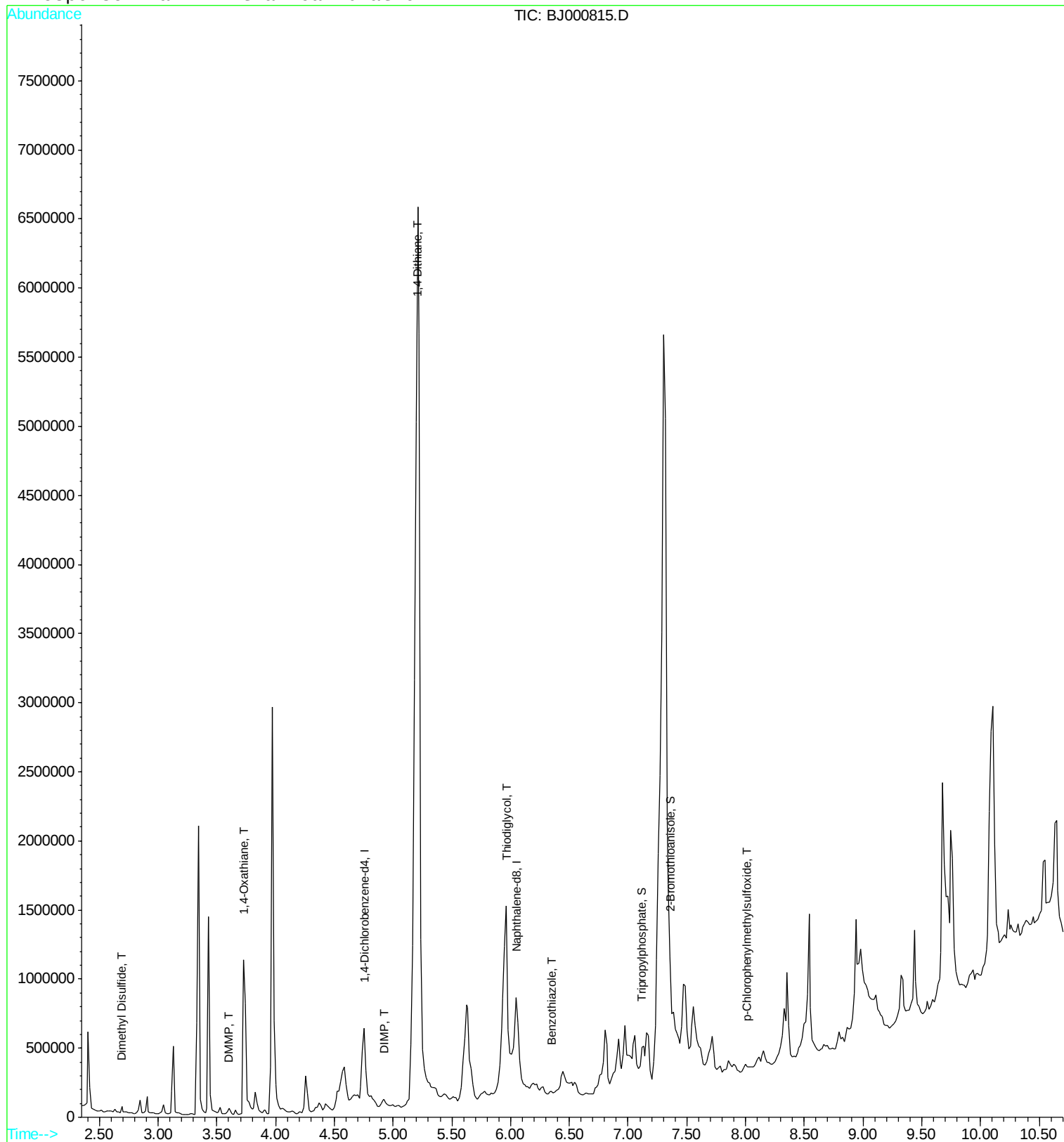
Quantitation Report

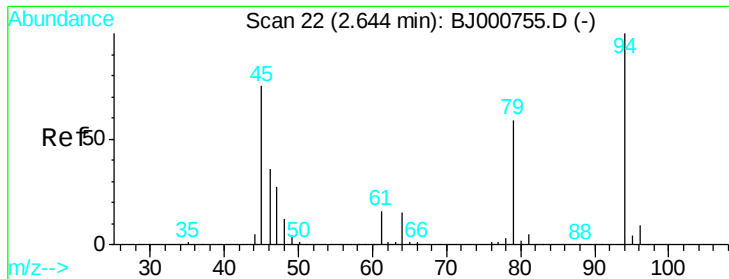
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Last Update : Fri Apr 27 11:32:02 2012
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#2

Dimethyl Disulfide

Concen: 0.05 ug/mL

RT: 2.69 min Scan# 25

Delta R.T. 0.02 min

Lab File: BJ000815.D

Acq: 27 Apr 2012 1:03

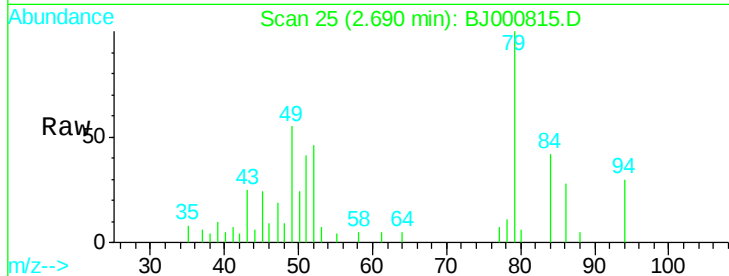
Tgt Ion: 94 Resp: 3983

Ion Ratio Lower Upper

94 100

45 79.4 42.7 82.7

79 331.6 35.3 75.3#

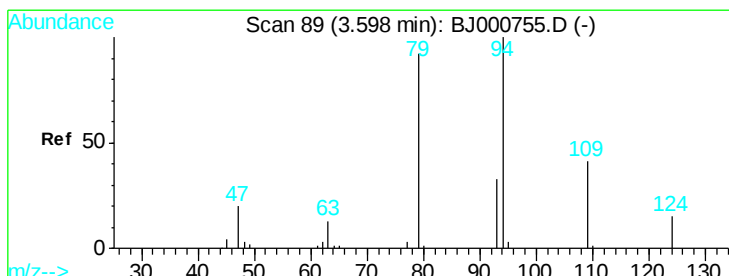
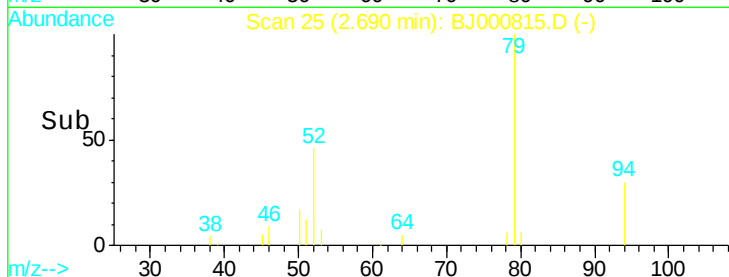
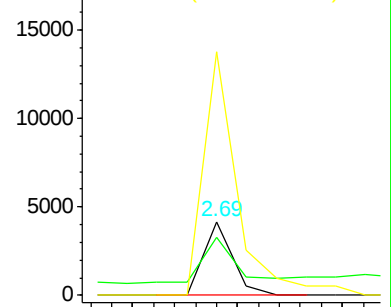


Abundance

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: 0.12 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. -0.01 min

Lab File: BJ000815.D

Acq: 27 Apr 2012 1:03

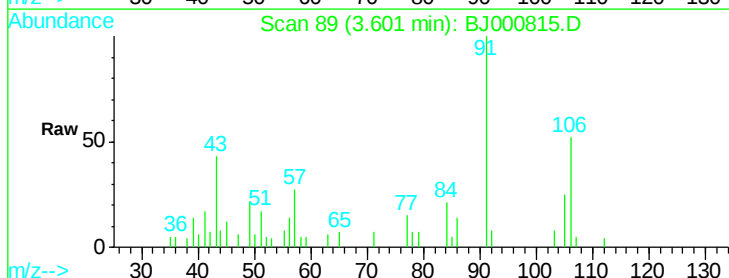
Tgt Ion: 79 Resp: 1193

Ion Ratio Lower Upper

79 100

94 0.0 85.9 125.9#

109 0.0 20.8 60.8#

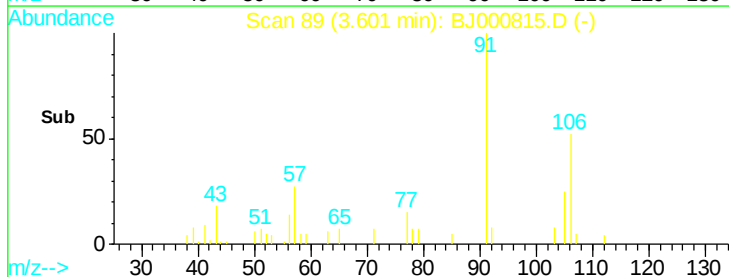
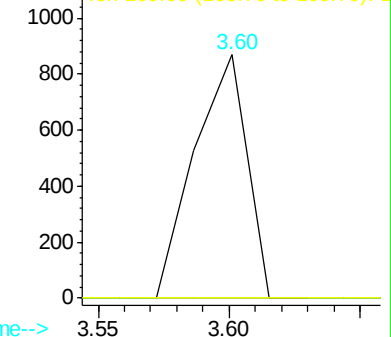


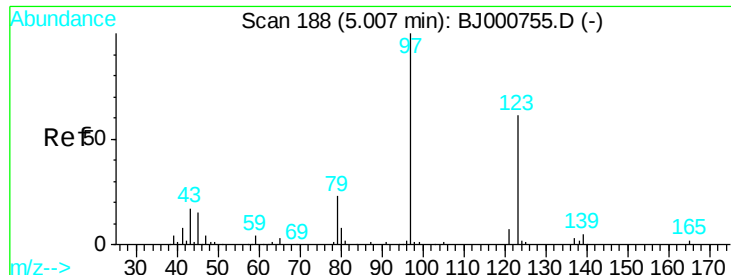
Abundance

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: 0.01 ug/mL

RT: 4.92 min Scan# 182

Delta R.T. -0.10 min

Lab File: BJ000815.D

Acq: 27 Apr 2012 1:03

Tgt Ion: 97 Resp: 1068

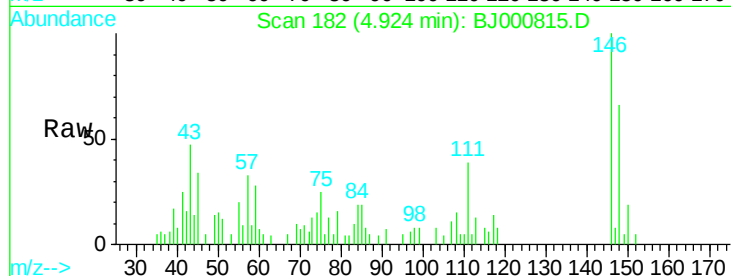
Ion Ratio Lower Upper

97 100

123 0.0 38.9 78.9#

43 734.3 0.0 38.8#

41 397.7 0.0 29.0#



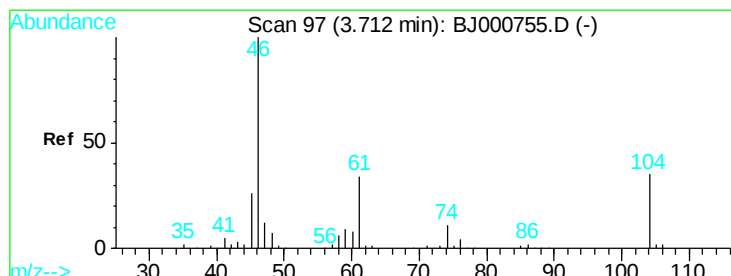
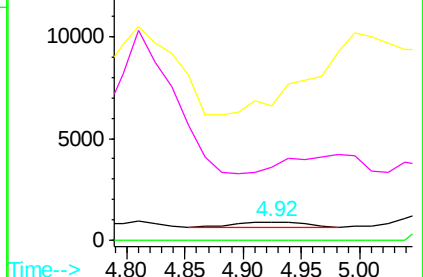
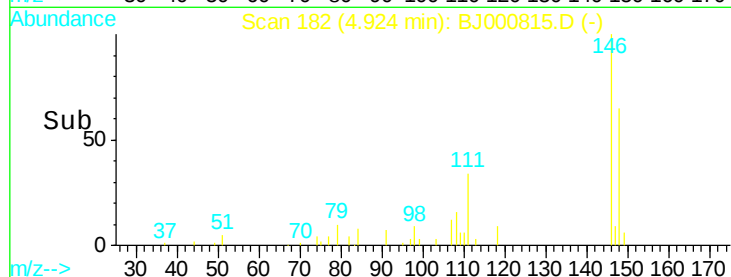
Abundance

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: 6.49 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. -0.01 min

Lab File: BJ000815.D

Acq: 27 Apr 2012 1:03

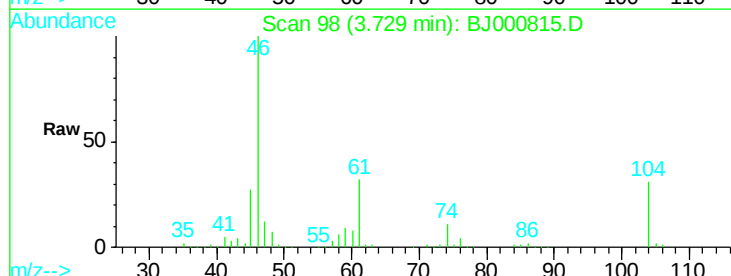
Tgt Ion: 46 Resp: 547629

Ion Ratio Lower Upper

46 100

61 32.5 23.6 63.6

104 30.9 76.3 116.3#

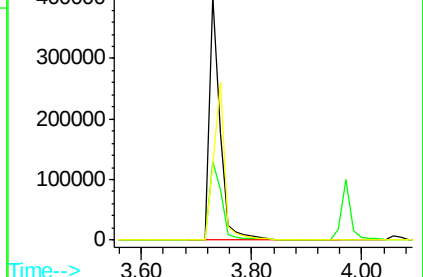
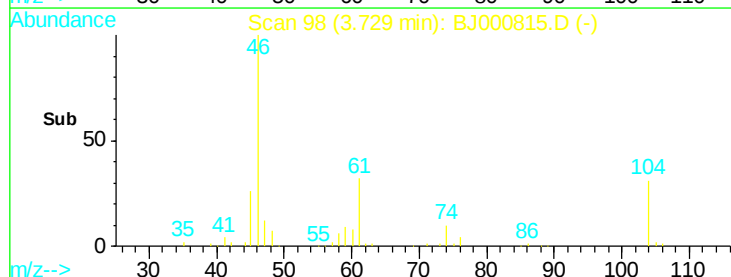


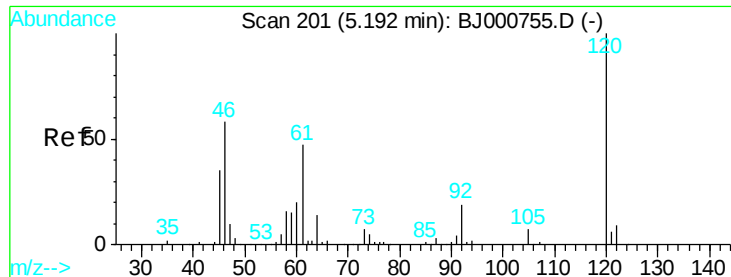
Abundance

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: 43.30 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.00 min

Lab File: BJ000815.D

Acq: 27 Apr 2012 1:03

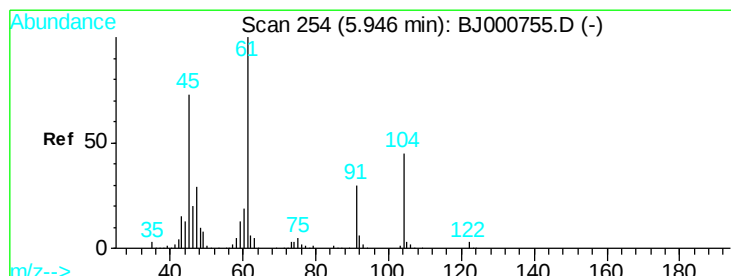
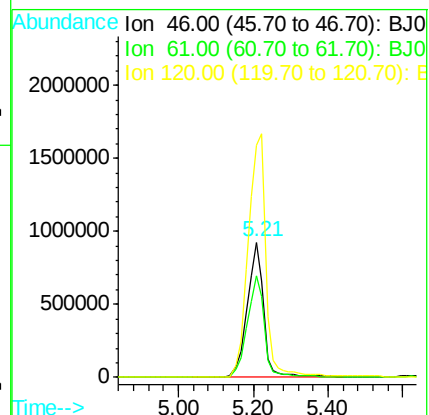
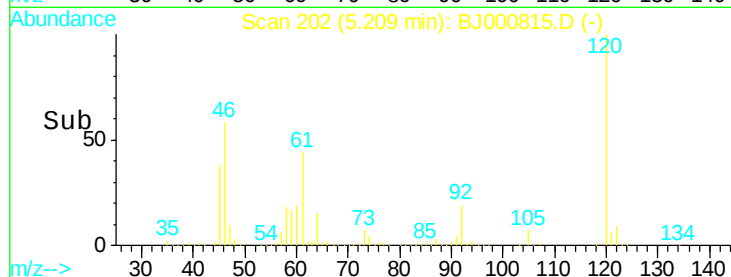
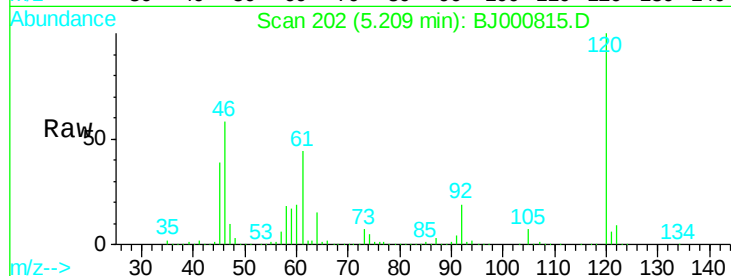
Tgt Ion: 46 Resp: 2846178

Ion Ratio Lower Upper

46 100

61 75.0 60.3 100.3

120 171.4 146.0 186.0



#8

Thiodiglycol

Concen: 3.97 ug/mL

RT: 5.96 min Scan# 255

Delta R.T. -0.01 min

Lab File: BJ000815.D

Acq: 27 Apr 2012 1:03

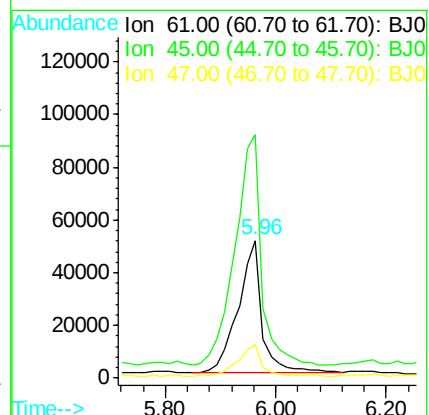
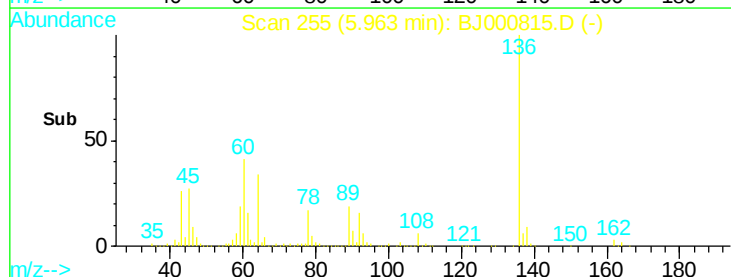
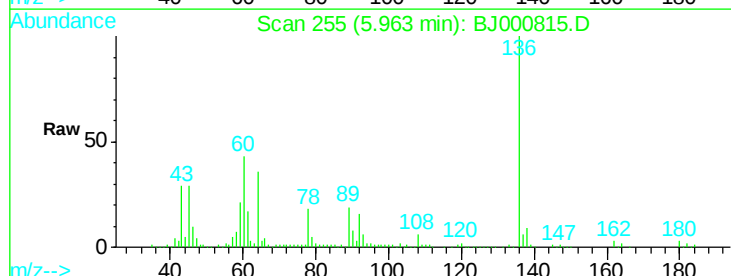
Tgt Ion: 61 Resp: 155056

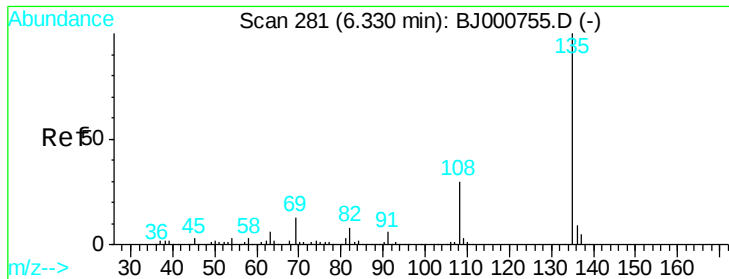
Ion Ratio Lower Upper

61 100

45 176.7 50.6 90.6#

47 24.0 8.3 48.3





#9

Benzothiazole

Concen: 0.04 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. 0.00 min

Lab File: BJ000815.D

Acq: 27 Apr 2012 1:03

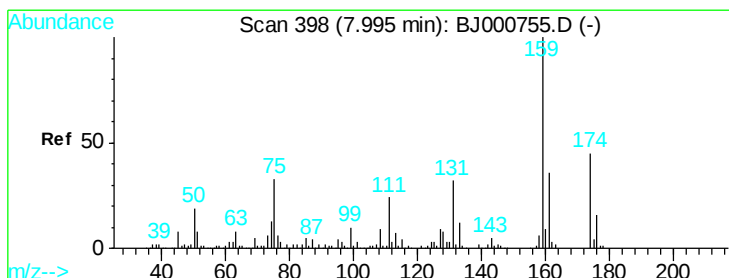
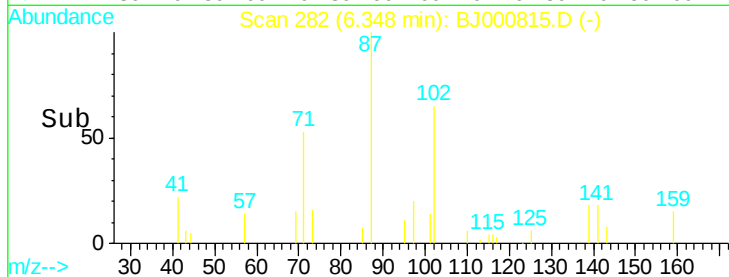
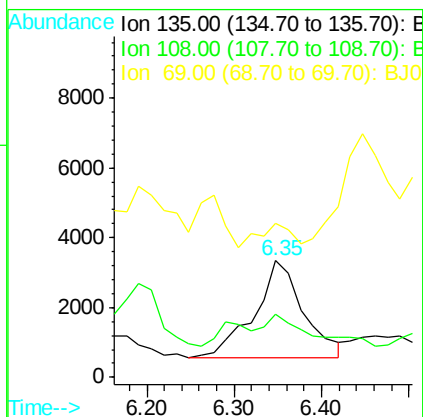
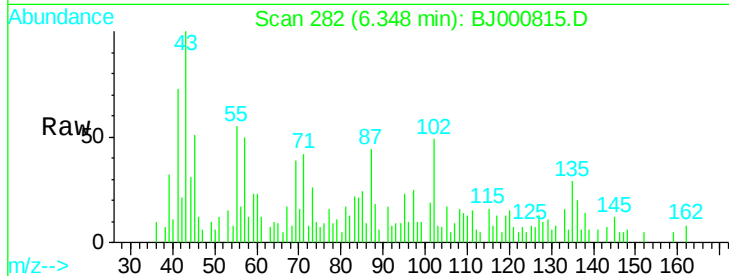
Tgt Ion:135 Resp: 10861

Ion Ratio Lower Upper

135 100

108 53.7 11.1 51.1#

69 132.1 0.0 34.6#



#13

p-Chlorophenylmethylsulfonide

Concen: 0.02 ug/mL

RT: 8.01 min Scan# 399

Delta R.T. -0.01 min

Lab File: BJ000815.D

Acq: 27 Apr 2012 1:03

Tgt Ion:159 Resp: 1968

Ion Ratio Lower Upper

159 100

174 146.1 28.6 68.6#

108 60.6 0.0 28.2#

50 11.5 0.0 36.1

