

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000809.D
 Acq On : 26 Apr 2012 23:14
 Sample : D2330-09
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 11:32 2012

Vial: 25
 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	4.76	152	252155	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	1055446	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	184593	0.51	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
12) 2-Bromothioanisole	7.35	204	278214	4.02	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%

Target Compounds

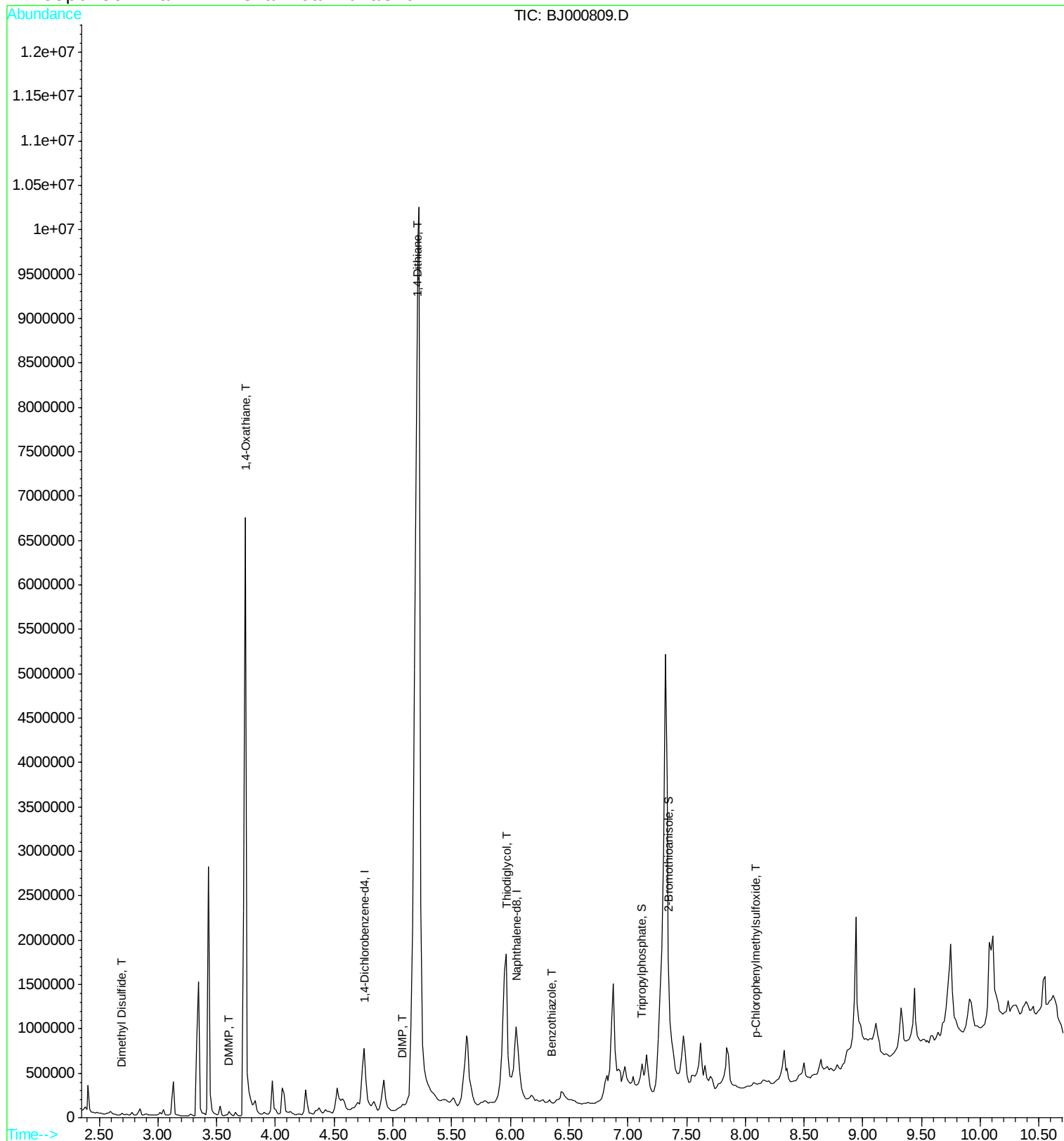
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.69	94	2322	0.03	ug/mL#	1
3) DMMP	3.60	79	1012	0.12	ug/mL#	8
4) DIMP	5.08	97	85198	0.39	ug/mL#	82
5) 1,4-Oxathiane	3.75	46	2665038	29.80	ug/mL#	77
7) 1,4-Dithiane	5.21	46	4919515	70.57	ug/mL	90
8) Thiodiglycol	5.97	61	204325	4.51	ug/mL#	14
9) Benzothiazole	6.35	135	6286	0.02	ug/mL#	1
13) p-Chlorophenylmethylsulfox	8.09	159	3382	0.03	ug/mL#	8

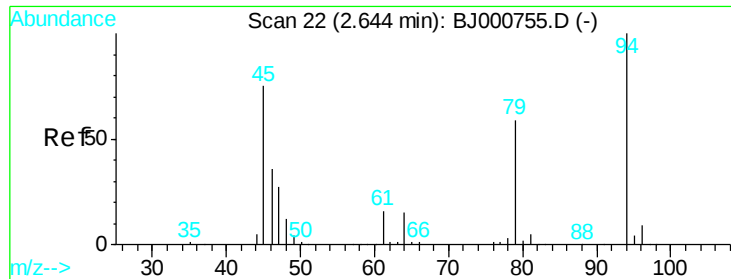
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#2

Dimethyl Disulfide

Concen: 0.03 ug/mL

RT: 2.69 min Scan# 25

Delta R.T. 0.02 min

Lab File: BJ000809.D

Acq: 26 Apr 2012 23:14

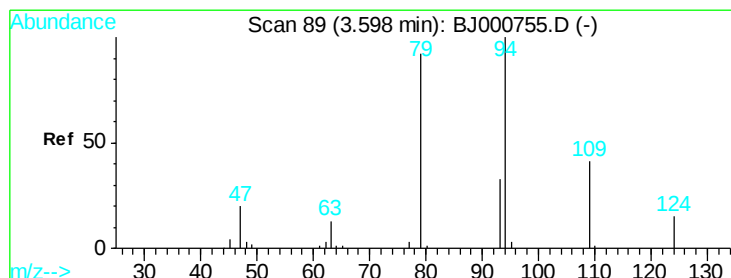
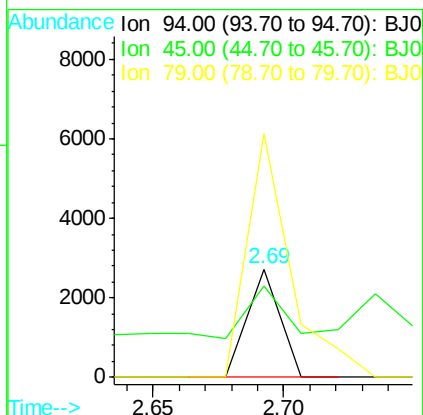
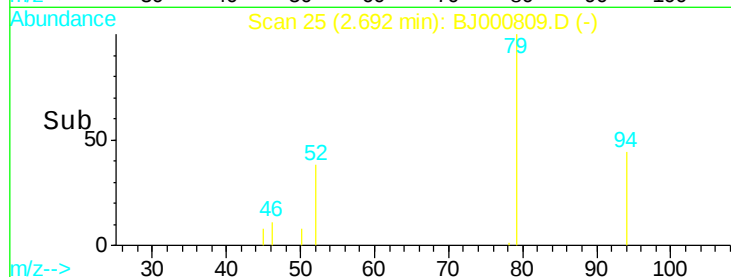
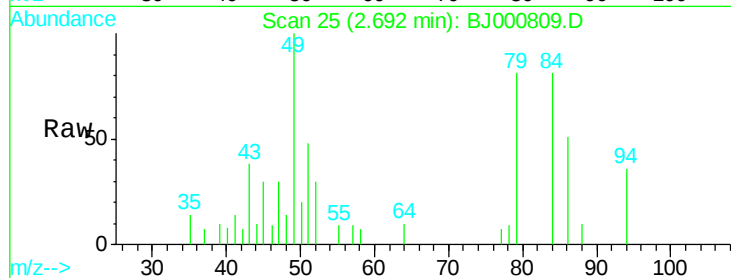
Tgt Ion: 94 Resp: 2322

Ion Ratio Lower Upper

94 100

45 84.7 42.7 82.7#

79 225.2 35.3 75.3#



#3

DMMP

Concen: 0.12 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. -0.01 min

Lab File: BJ000809.D

Acq: 26 Apr 2012 23:14

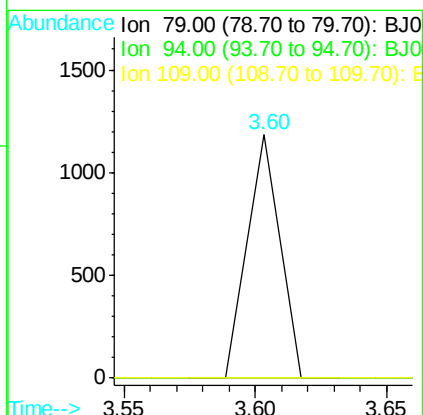
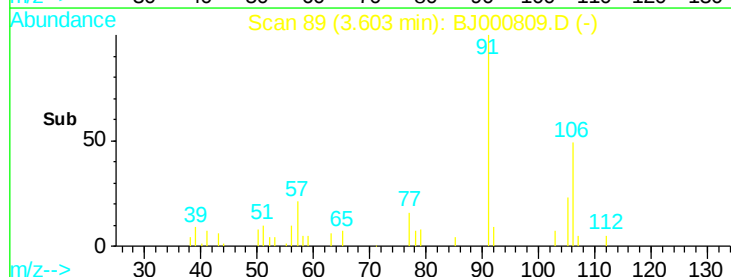
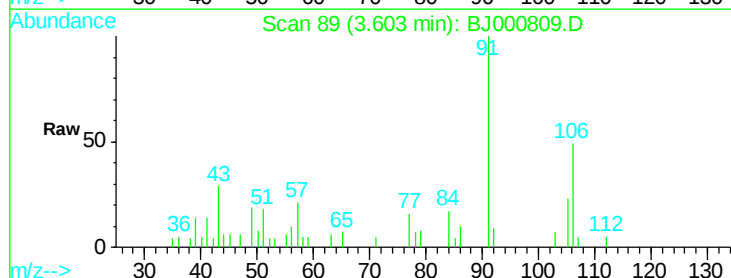
Tgt Ion: 79 Resp: 1012

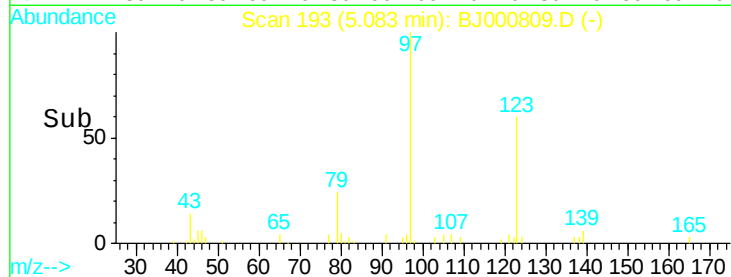
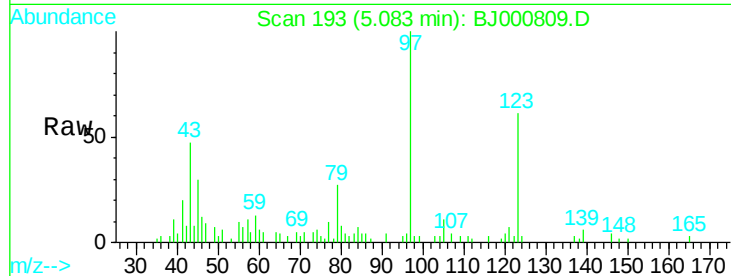
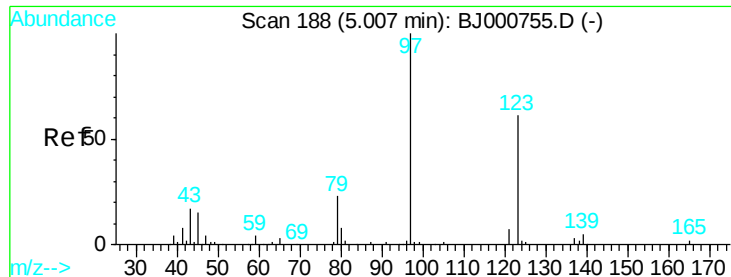
Ion Ratio Lower Upper

79 100

94 0.0 85.9 125.9#

109 0.0 20.8 60.8#





#4

DIMP

Concen: 0.39 ug/mL

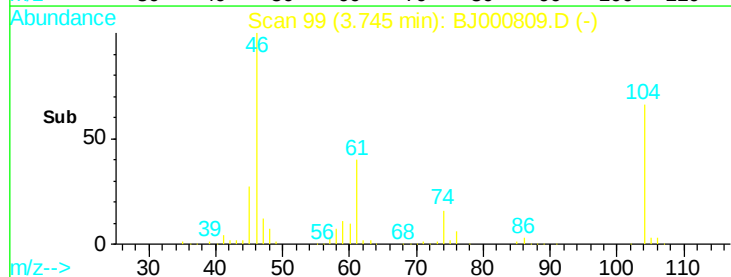
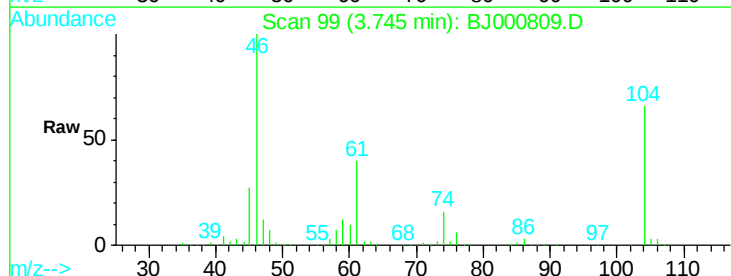
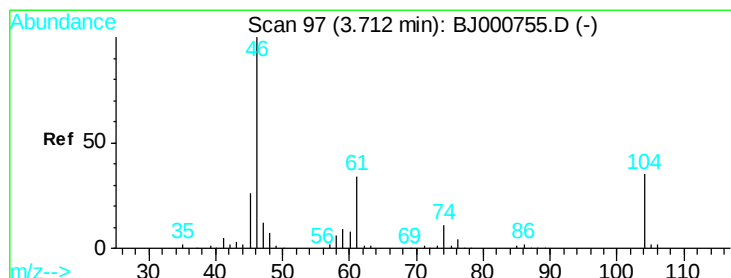
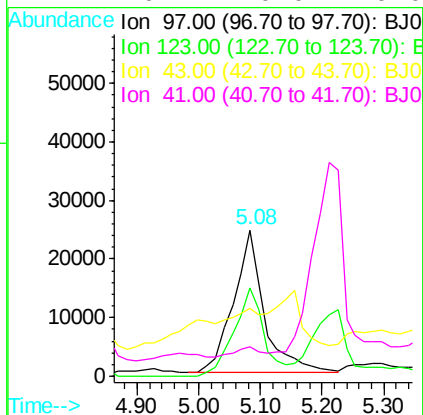
RT: 5.08 min Scan# 193

Delta R.T. 0.06 min

Lab File: BJ000809.D

Acq: 26 Apr 2012 23:14

Tgt Ion:	97	Resp:	85198
Ion	Ratio	Lower	Upper
97	100		
123	60.6	38.9	78.9
43	46.6	0.0	38.8#
41	20.4	0.0	29.0



#5

1,4-Oxathiane

Concen: 29.80 ug/mL

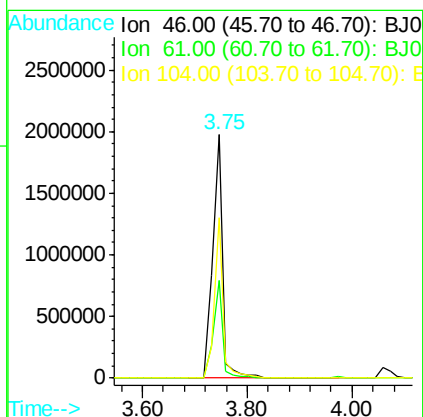
RT: 3.75 min Scan# 99

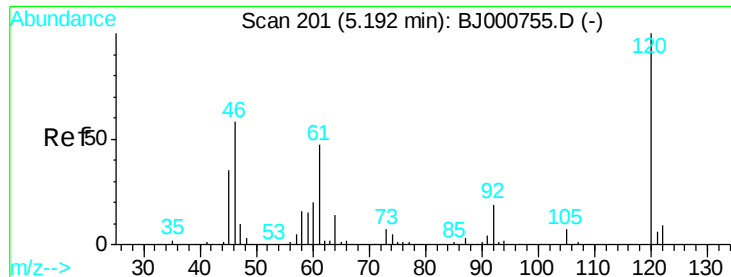
Delta R.T. 0.01 min

Lab File: BJ000809.D

Acq: 26 Apr 2012 23:14

Tgt Ion:	46	Resp:	2665038
Ion	Ratio	Lower	Upper
46	100		
61	40.3	23.6	63.6
104	65.9	76.3	116.3#





#7

1,4-Dithiane

Concen: 70.57 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.01 min

Lab File: BJ000809.D

Acq: 26 Apr 2012 23:14

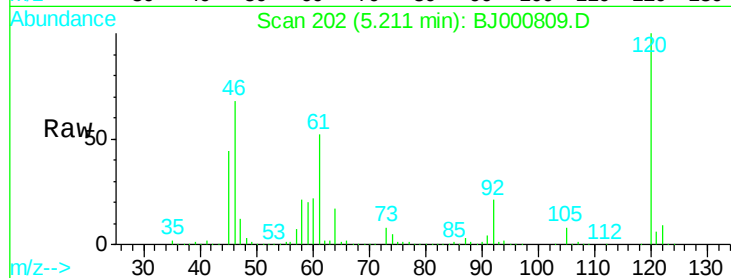
Tgt Ion: 46 Resp: 4919515

Ion Ratio Lower Upper

46 100

61 77.0 60.3 100.3

120 147.8 146.0 186.0

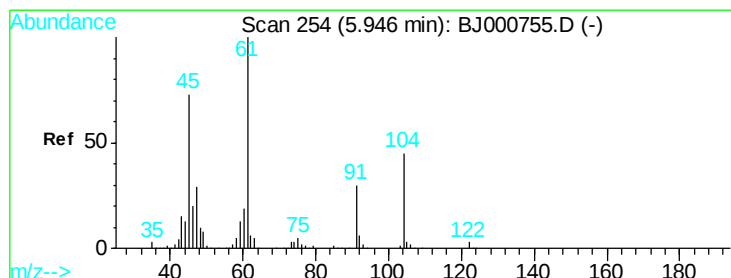
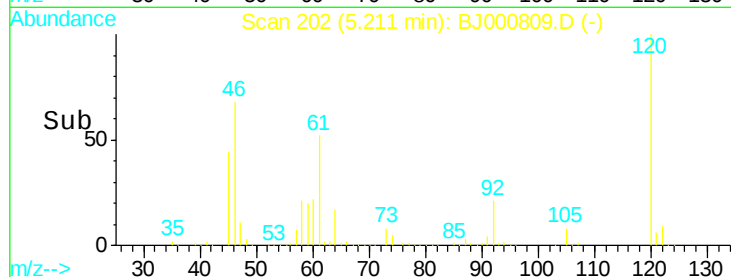
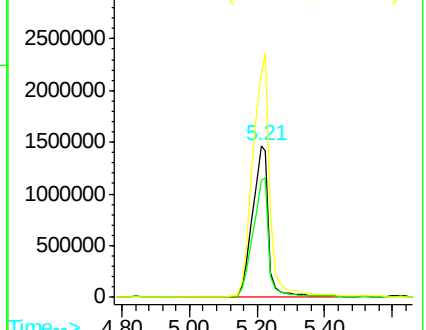


Abundance

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: 4.51 ug/mL

RT: 5.97 min Scan# 255

Delta R.T. -0.01 min

Lab File: BJ000809.D

Acq: 26 Apr 2012 23:14

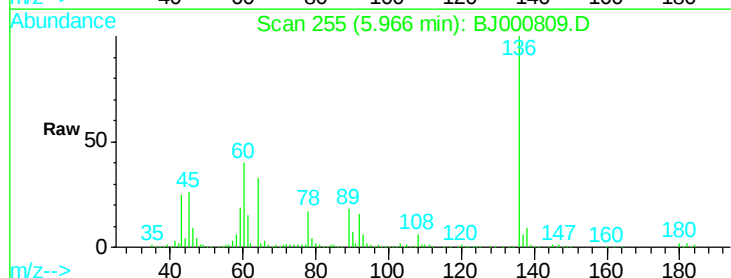
Tgt Ion: 61 Resp: 204325

Ion Ratio Lower Upper

61 100

45 167.3 50.6 90.6#

47 23.7 8.3 48.3

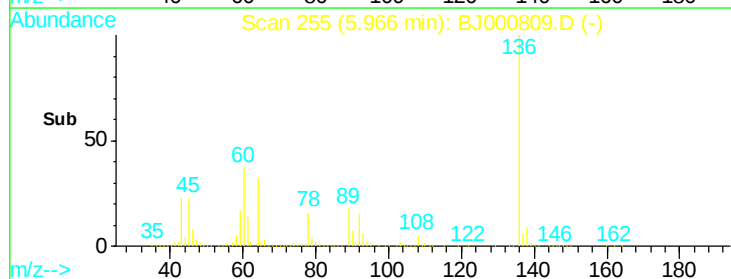
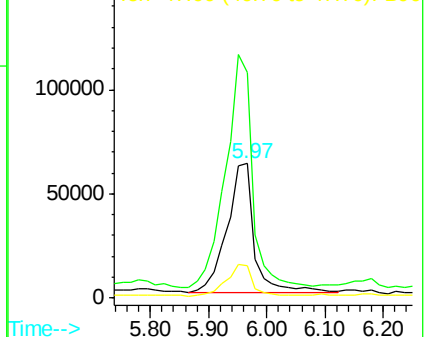


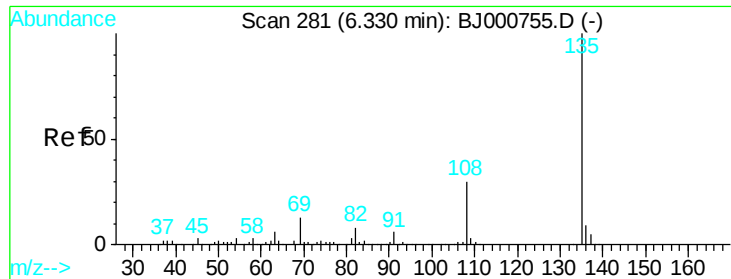
Abundance

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: 6.35 min Scan# 282

Delta R.T. 0.01 min

Lab File: BJ000809.D

Acq: 26 Apr 2012 23:14

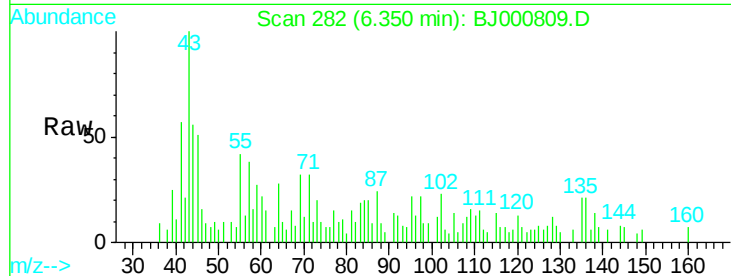
Tgt Ion:135 Resp: 6286

Ion Ratio Lower Upper

135 100

108 59.8 11.1 51.1#

69 154.6 0.0 34.6#

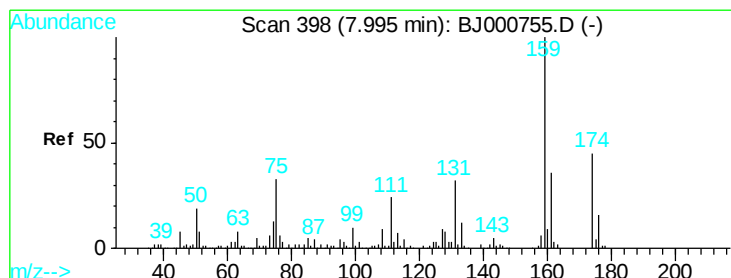
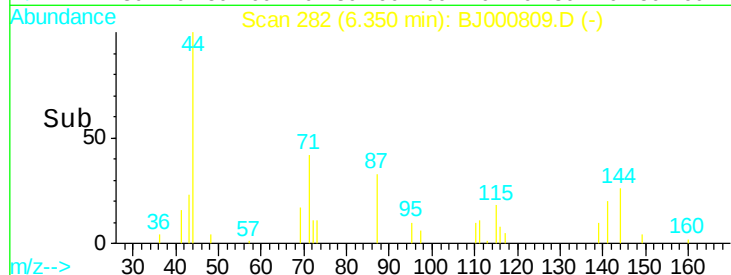
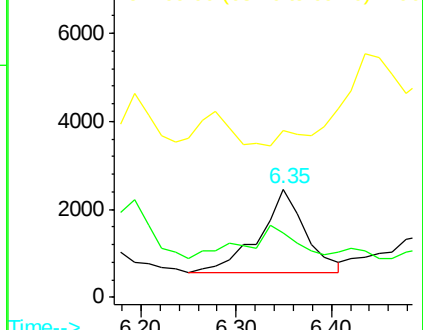


Abundance

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



#13

p-Chlorophenylmethylsulfoxide

Concen: 0.03 ug/mL

RT: 8.09 min Scan# 404

Delta R.T. 0.06 min

Lab File: BJ000809.D

Acq: 26 Apr 2012 23:14

Tgt Ion:159 Resp: 3382

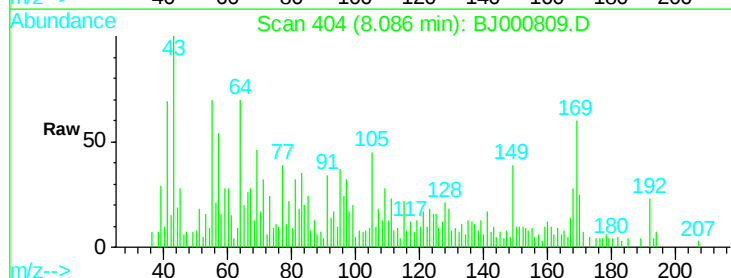
Ion Ratio Lower Upper

159 100

174 0.0 28.6 68.6#

108 0.0 0.0 28.2

50 96.7 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

