

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000814.D
 Acq On : 27 Apr 2012 00:45
 Sample : D2330-14
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 27 11:33 2012

Vial: 30
 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	265199	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	1144292	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	192941	0.49	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
12) 2-Bromothioanisole	7.35	204	301561	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
3) DMMP	3.60	79	1601	0.12	ug/mL#	8
4) DIMP	5.08	97	3997	0.03	ug/mL#	1
5) 1,4-Oxathiane	3.73	46	465774	4.95	ug/mL#	51
7) 1,4-Dithiane	5.21	46	1789857	23.68	ug/mL#	84
8) Thiodiglycol	5.95	61	251186	4.89	ug/mL#	1
9) Benzothiazole	6.35	135	4229	0.01	ug/mL#	1
13) p-Chlorophenylmethysulfox	7.97	159	1621	0.01	ug/mL#	1

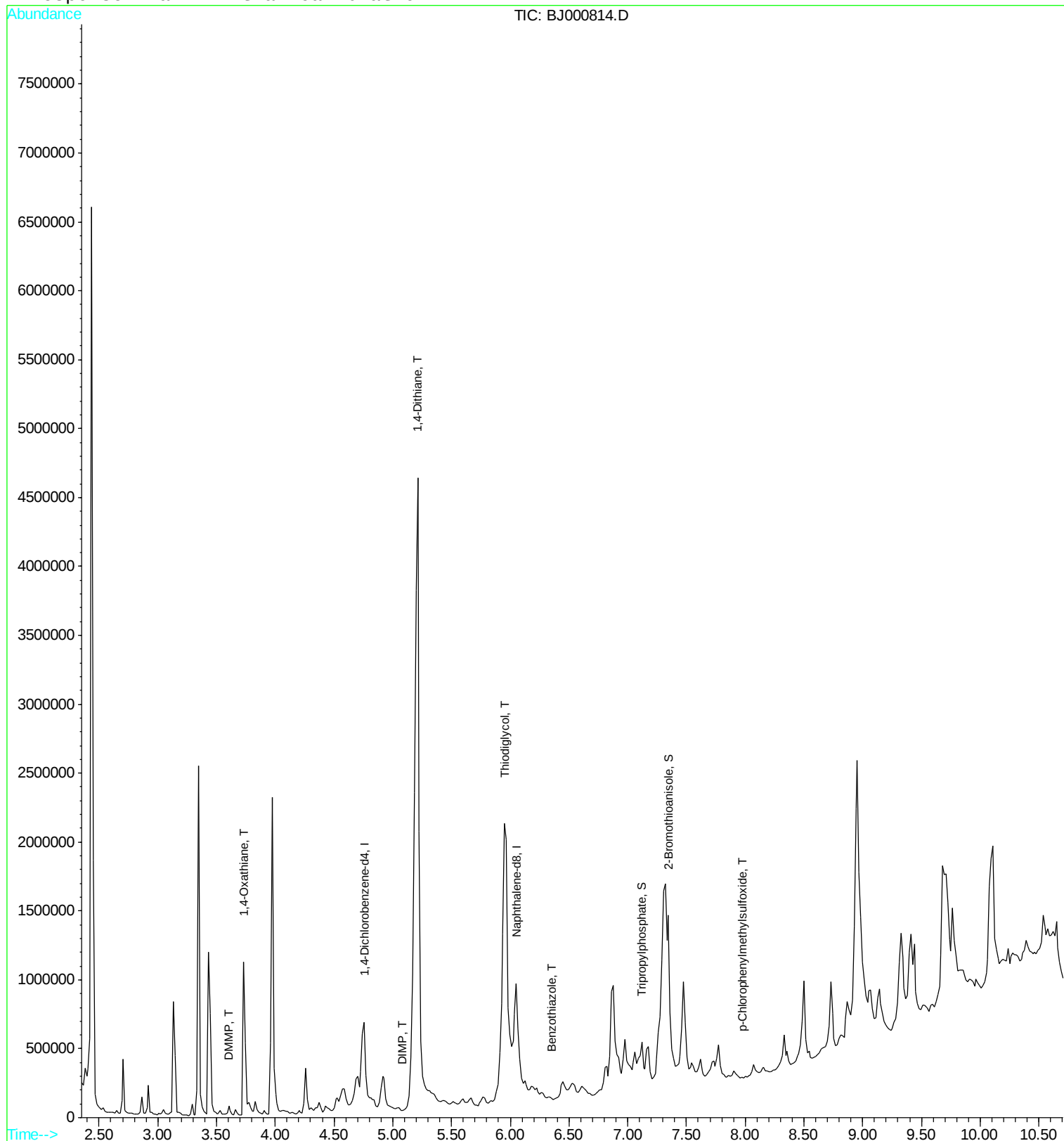
Quantitation Report

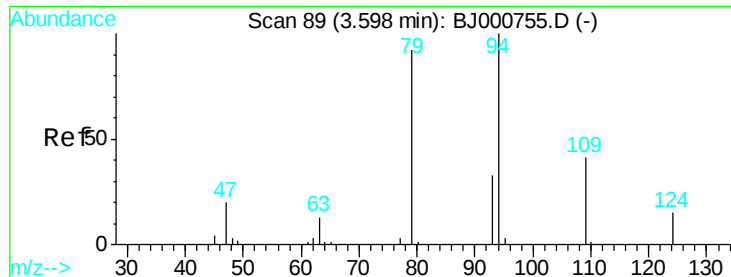
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Title : CWA degradation products by GCMS
Last Update : Fri Apr 27 11:32:02 2012
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#3

DMMP

Concen: 0.12 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. -0.01 min

Lab File: BJ000814.D

Acq: 27 Apr 2012 00:45

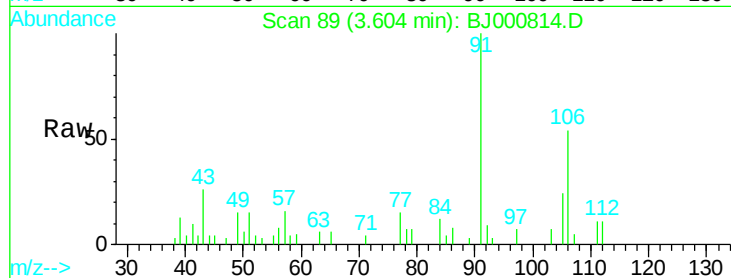
Tgt Ion: 79 Resp: 1601

Ion Ratio Lower Upper

79 100

94 0.0 85.9 125.9#

109 0.0 20.8 60.8#

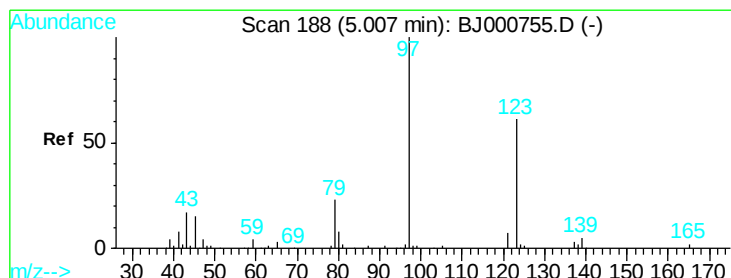
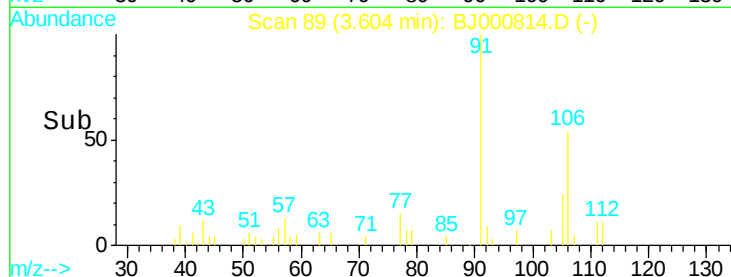
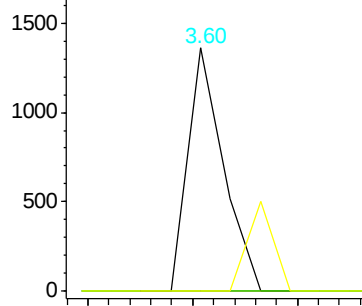


Abundance

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: 0.03 ug/mL

RT: 5.08 min Scan# 193

Delta R.T. 0.06 min

Lab File: BJ000814.D

Acq: 27 Apr 2012 00:45

Tgt Ion: 97 Resp: 3997

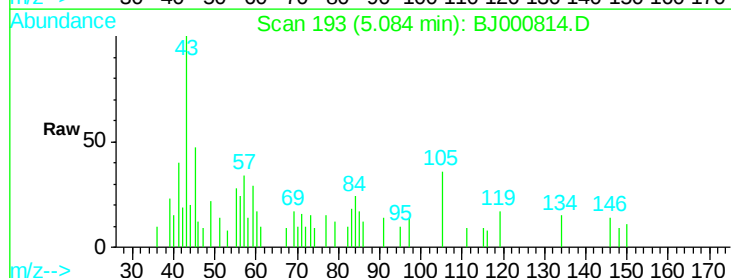
Ion Ratio Lower Upper

97 100

123 0.0 38.9 78.9#

43 716.6 0.0 38.8#

41 287.2 0.0 29.0#



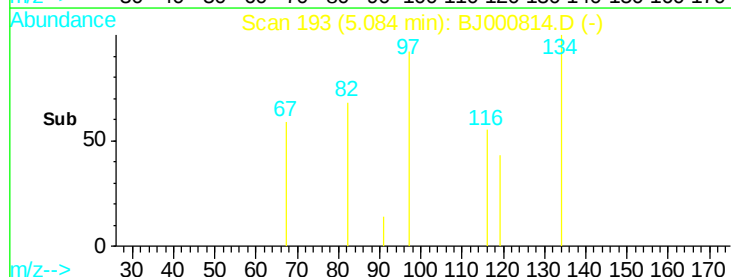
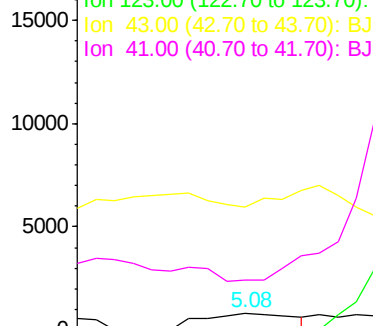
Abundance

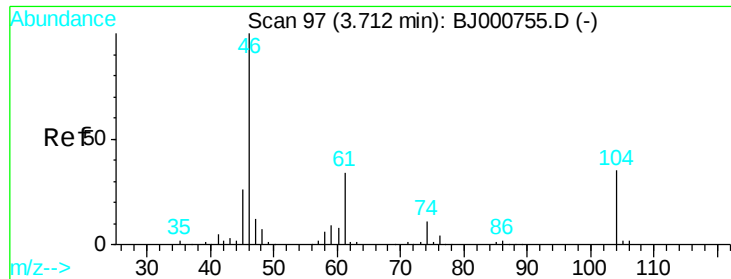
Ion 97.00 (96.70 to 97.70): BJ0

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: 4.95 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. -0.01 min

Lab File: BJ000814.D

Acq: 27 Apr 2012 00:45

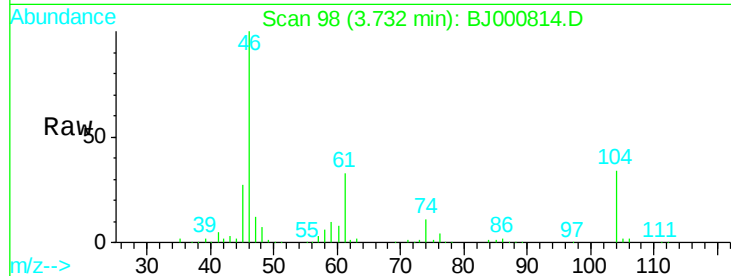
Tgt Ion: 46 Resp: 465774

Ion Ratio Lower Upper

46 100

61 33.5 23.6 63.6

104 33.8 76.3 116.3#

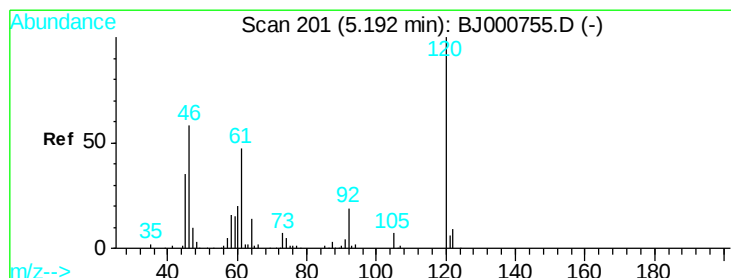
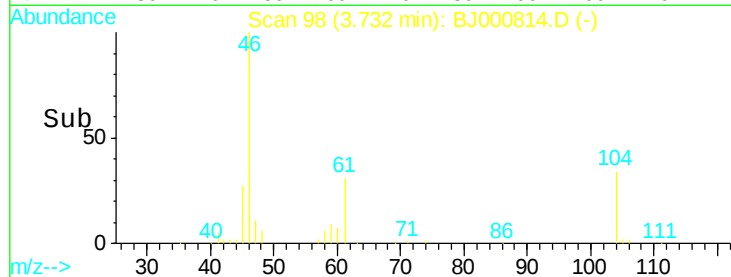
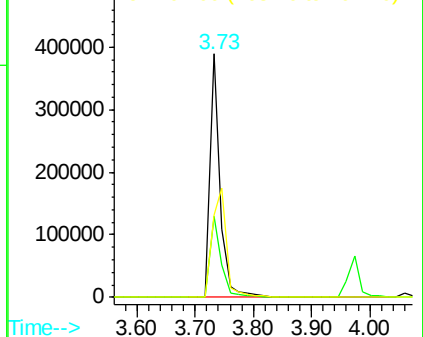


Abundance

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: 23.68 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.01 min

Lab File: BJ000814.D

Acq: 27 Apr 2012 00:45

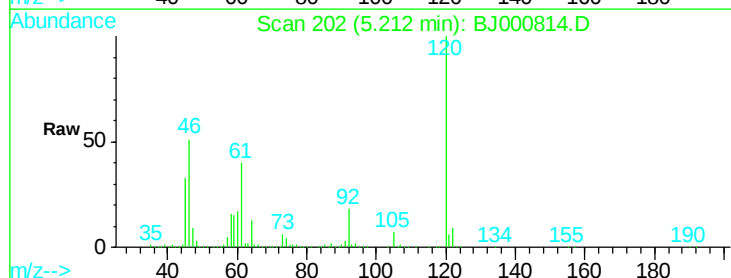
Tgt Ion: 46 Resp: 1789857

Ion Ratio Lower Upper

46 100

61 77.5 60.3 100.3

120 195.7 146.0 186.0#

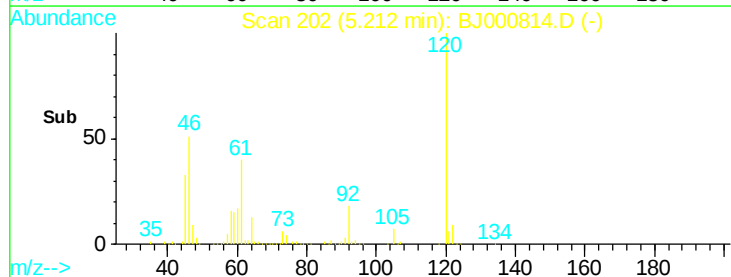
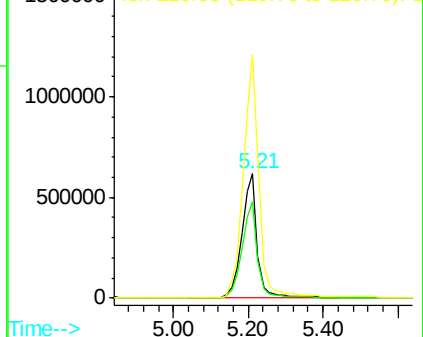


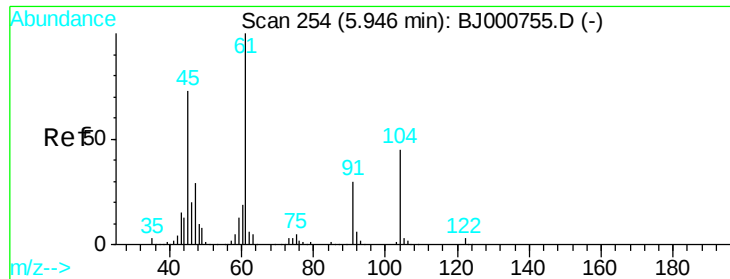
Abundance

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: 4.89 ug/mL

RT: 5.95 min Scan# 254

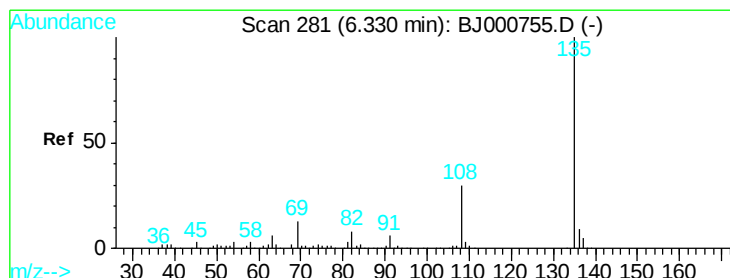
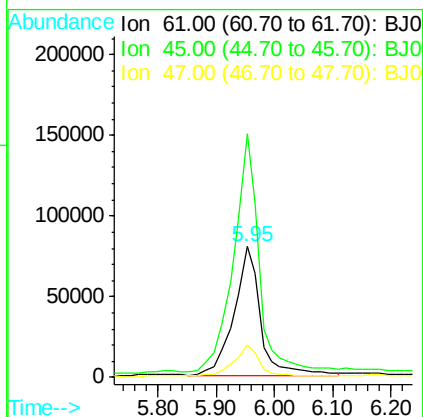
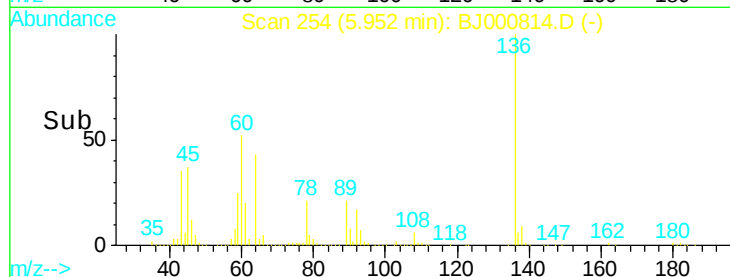
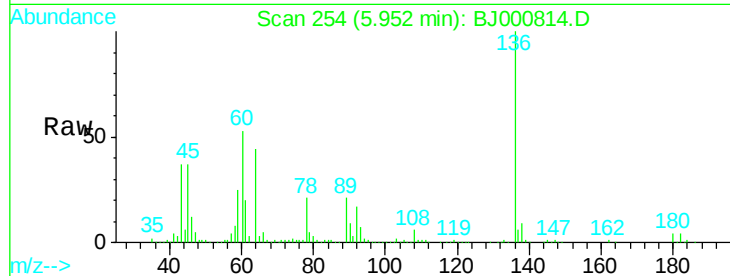
Delta R.T. -0.02 min

Lab File: BJ000814.D

Acq: 27 Apr 2012 00:45

Tgt Ion: 61 Resp: 251186

Ion	Ratio	Lower	Upper
61	100		
45	186.6	50.6	90.6#
47	25.0	8.3	48.3



#9

Benzothiazole

Concen: 0.01 ug/mL

RT: 6.35 min Scan# 282

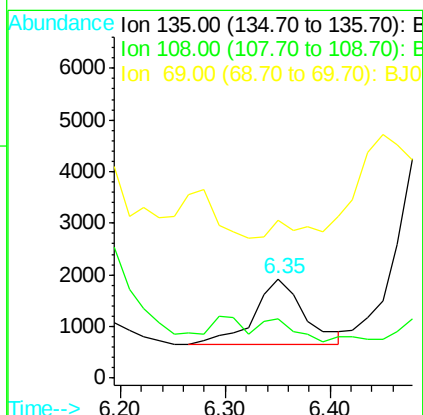
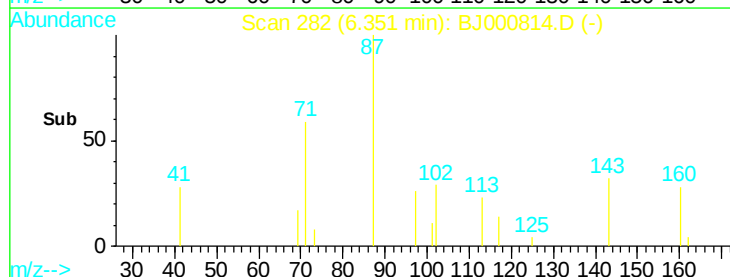
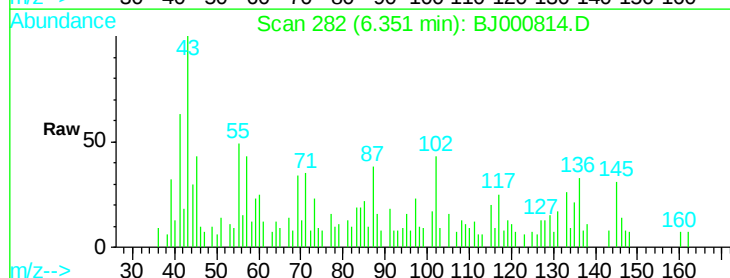
Delta R.T. 0.01 min

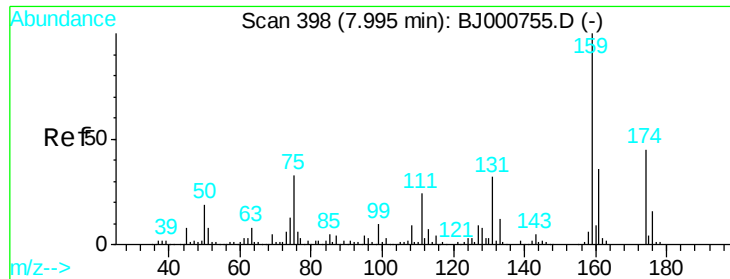
Lab File: BJ000814.D

Acq: 27 Apr 2012 00:45

Tgt Ion: 135 Resp: 4229

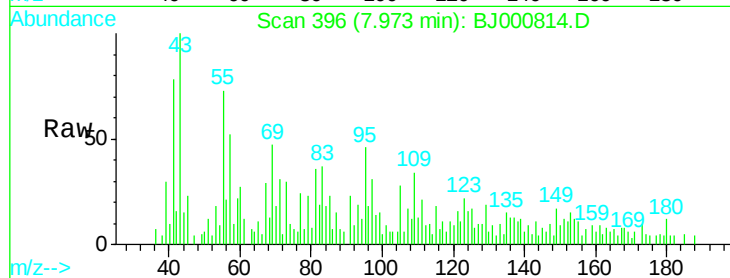
Ion	Ratio	Lower	Upper
135	100		
108	60.1	11.1	51.1#
69	158.5	0.0	34.6#





#13
 p-Chlorophenylmethylsulfoxide
 Concen: 0.01 ug/mL
 RT: 7.97 min Scan# 396
 Delta R.T. -0.05 min
 Lab File: BJ000814.D
 Acq: 27 Apr 2012 00:45

Tgt Ion:	159	Resp:	1621
Ion Ratio	Lower	Upper	
159	100		
174	156.8	28.6	68.6#
108	86.9	0.0	28.2#
50	0.0	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

