

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000853.D
 Acq On : 28 Apr 2012 2:59
 Sample : PB BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:32 2012

Vial: 32
 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 : Mon Apr 30 10:31:38 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.74	152	229413	2.00	ug/mL	-0.02
6) Naphthalene-d8	6.05	136	914945	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	187679	0.60	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	120.00%
12) 2-Bromothioanisole	7.34	204	285459	4.76	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.66	79	121900	1.69	ug/mL#	77
4) DIMP	5.06	97	393664	1.95	ug/mL	94
5) 1,4-Oxathiane	3.77	46	346666	4.26	ug/mL	93
7) 1,4-Dithiane	5.19	46	299770	4.96	ug/mL#	81
8) Thiodiqlvcol	5.97	61	2123886	35.18	ug/mL	98
9) Benzothiazole	6.34	135	2405120	10.56	ug/mL	99
11) p-Chlorophenylmethyisulfid	6.59	158	1650814	10.48	ug/mL	98
13) p-Chlorophenylmethyisulfox	8.02	159	707323	8.05	ug/mL	96
14) p-Chlorophenylmethyisulfon	8.21	111	1265115	9.76	ug/mL	97

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Quant Time: Apr 30 10:32 2012

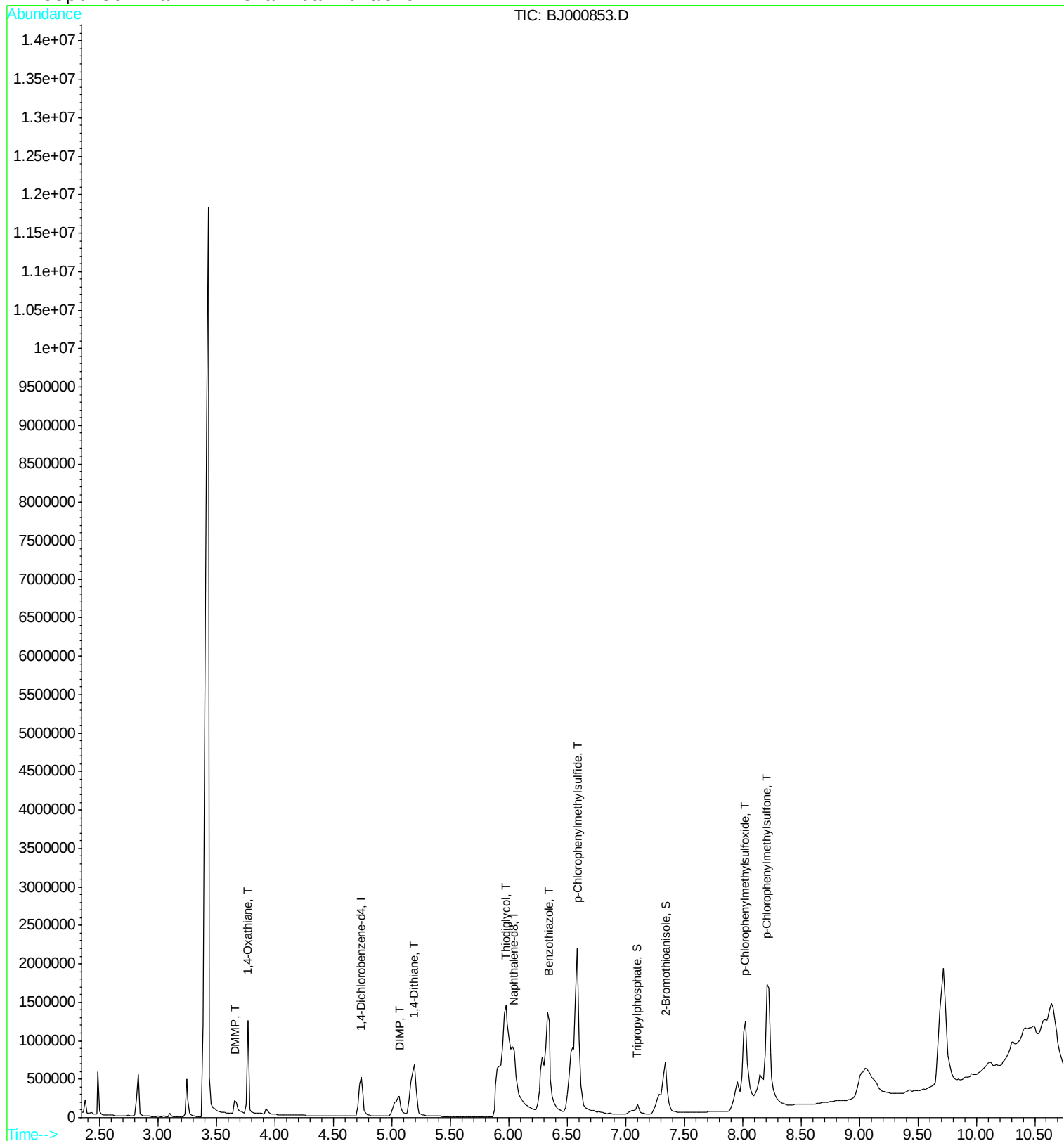
Quant Results File: BJ042612.RES

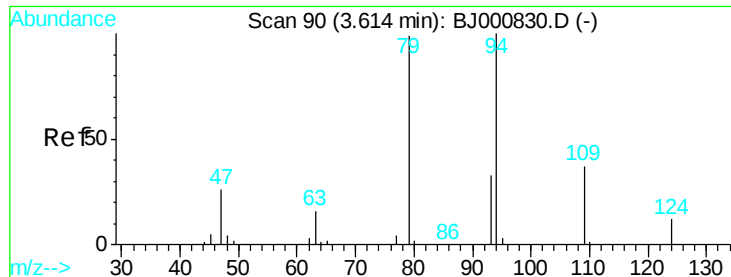
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

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Response via : Initial Calibration





#3

DMMP

Concen: 1.69 ug/mL

RT: 3.66 min Scan# 93

Delta R.T. 0.04 min

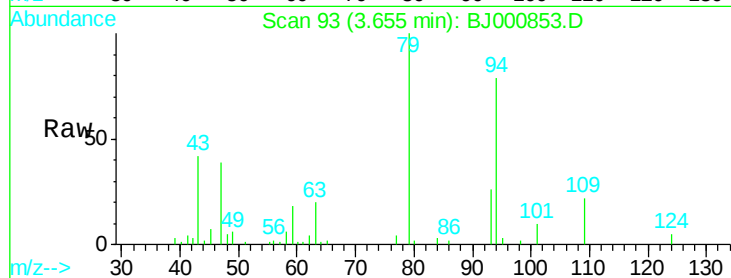
Lab File: BJ000853.D

Acq: 28 Apr 2012 2:59

Tgt Ion: 79 Resp: 121900

Ion Ratio Lower Upper

79	100		
94	79.3	80.8	120.8#
109	21.8	17.5	57.5

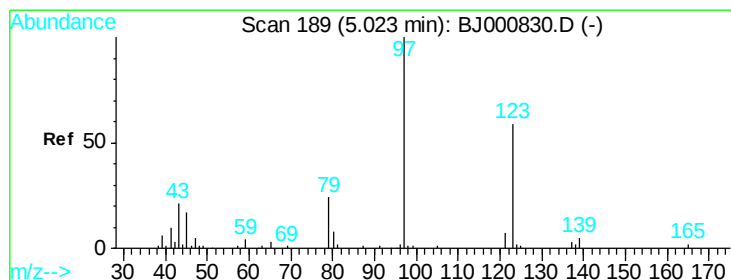
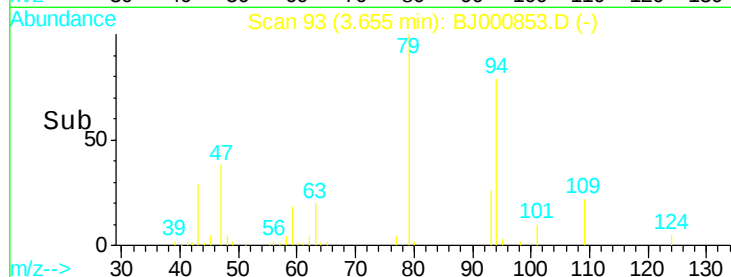
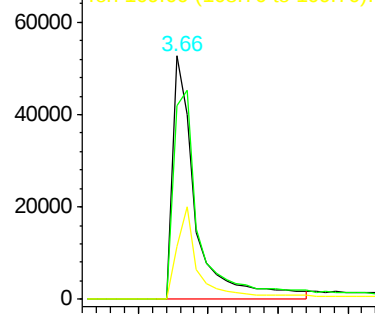


Abundance

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: 1.95 ug/mL

RT: 5.06 min Scan# 192

Delta R.T. 0.04 min

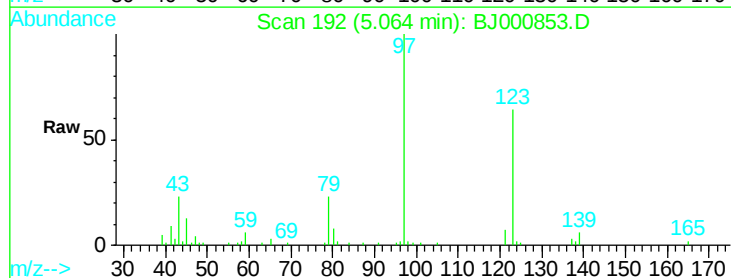
Lab File: BJ000853.D

Acq: 28 Apr 2012 2:59

Tgt Ion: 97 Resp: 393664

Ion Ratio Lower Upper

97	100		
123	64.2	39.1	79.1
43	23.3	0.9	40.9
41	8.8	0.0	30.0



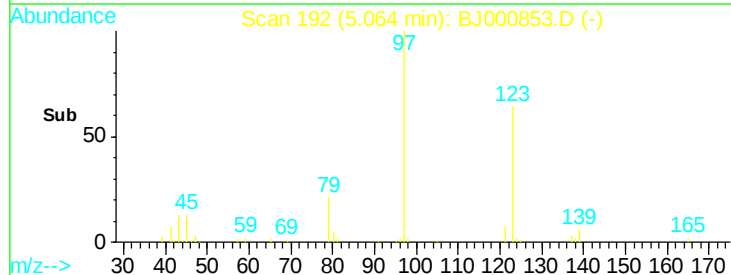
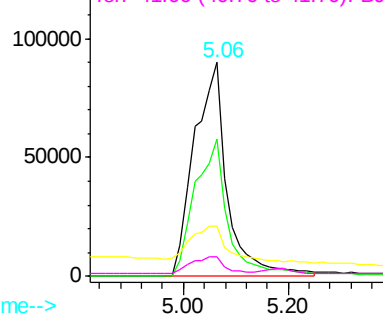
Abundance

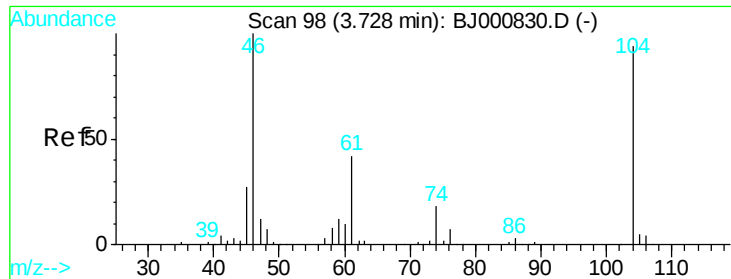
Ion 97.00 (96.70 to 97.70): BJ0

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: 4.26 ug/mL

RT: 3.77 min Scan# 101

Delta R.T. 0.04 min

Lab File: BJ000853.D

Acq: 28 Apr 2012 2:59

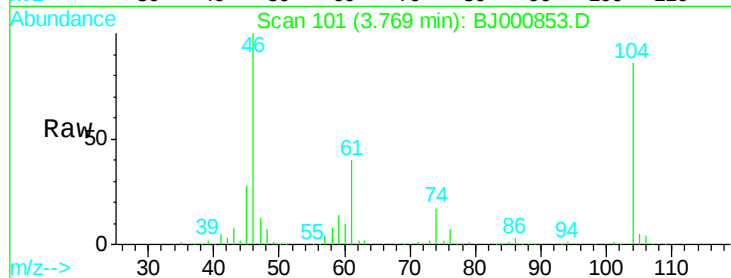
Tgt Ion: 46 Resp: 346666

Ion Ratio Lower Upper

46 100

61 40.0 22.0 62.0

104 85.8 73.6 113.6

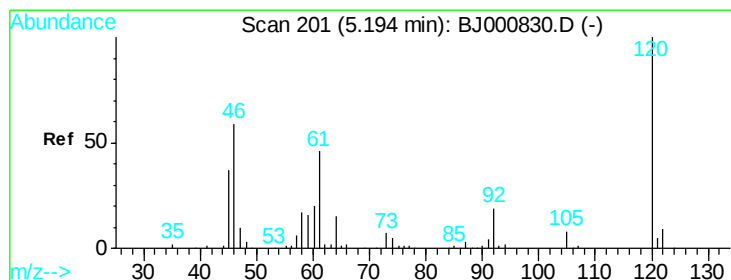
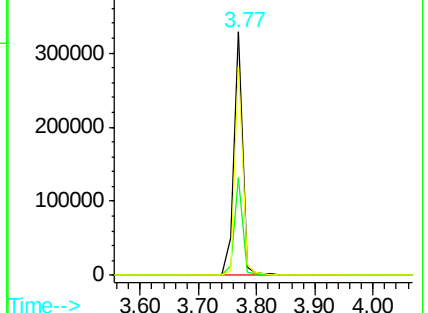
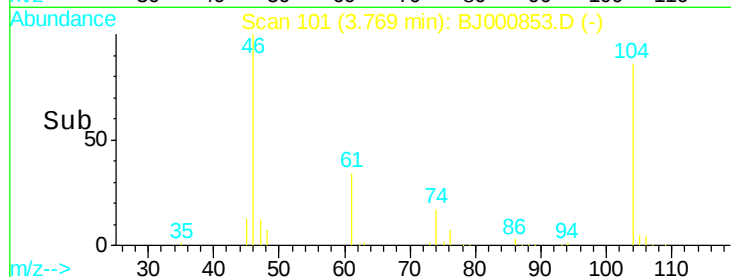


Abundance

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: 4.96 ug/mL

RT: 5.19 min Scan# 201

Delta R.T. -0.00 min

Lab File: BJ000853.D

Acq: 28 Apr 2012 2:59

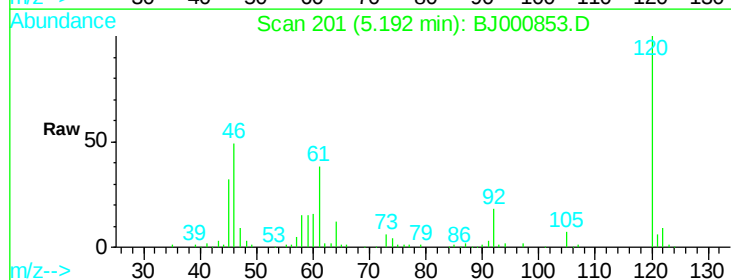
Tgt Ion: 46 Resp: 299770

Ion Ratio Lower Upper

46 100

61 77.4 56.7 96.7

120 205.4 148.6 188.6#

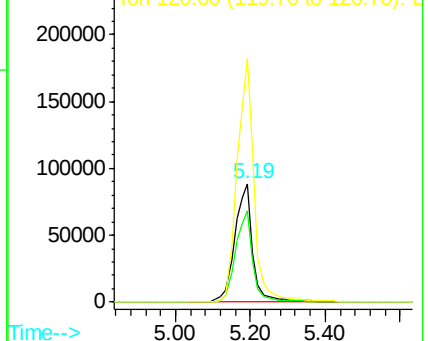
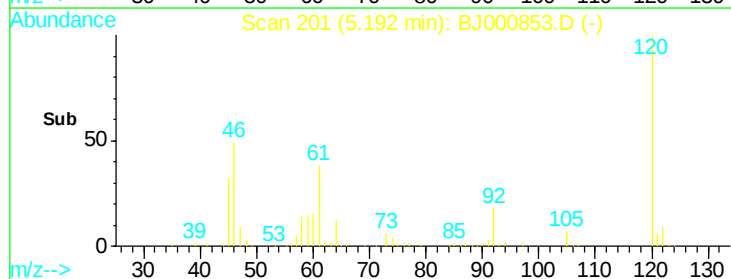


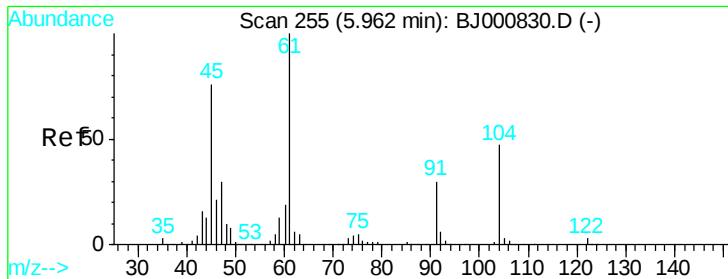
Abundance

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: 35.18 ug/mL

RT: 5.97 min Scan# 256

Delta R.T. 0.01 min

Lab File: BJ000853.D

Acq: 28 Apr 2012 2:59

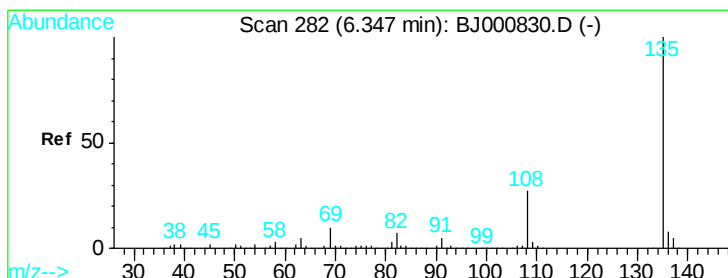
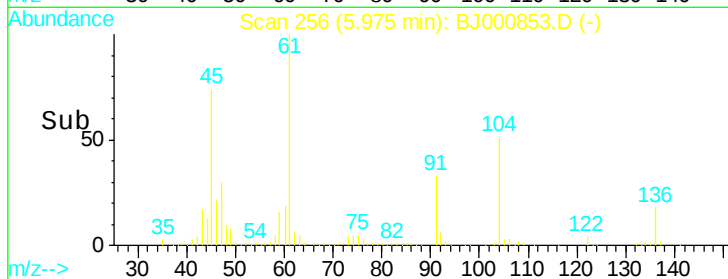
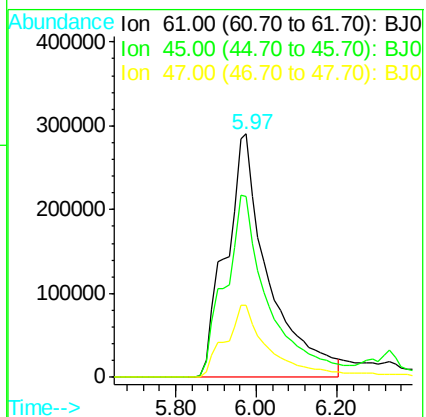
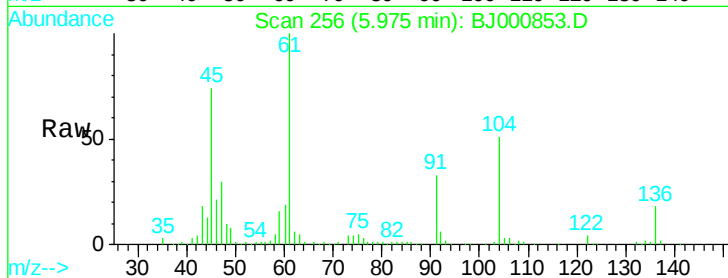
Tgt Ion: 61 Resp: 2123886

Ion Ratio Lower Upper

61 100

45 74.2 56.4 96.4

47 29.7 10.1 50.1



#9

Benzothiazole

Concen: 10.56 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. -0.00 min

Lab File: BJ000853.D

Acq: 28 Apr 2012 2:59

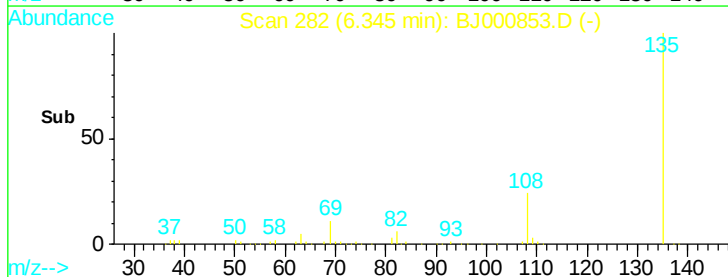
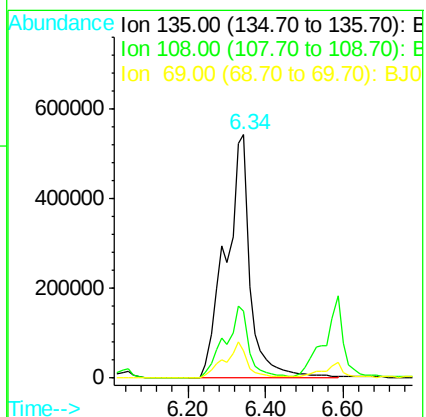
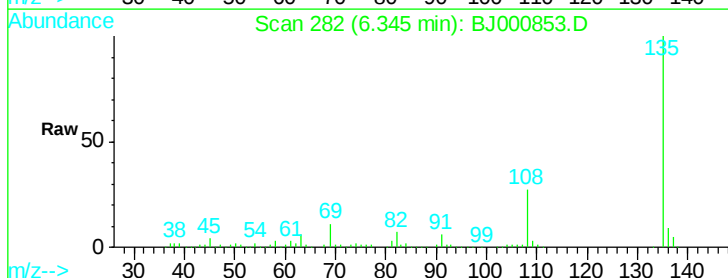
Tgt Ion: 135 Resp: 2405120

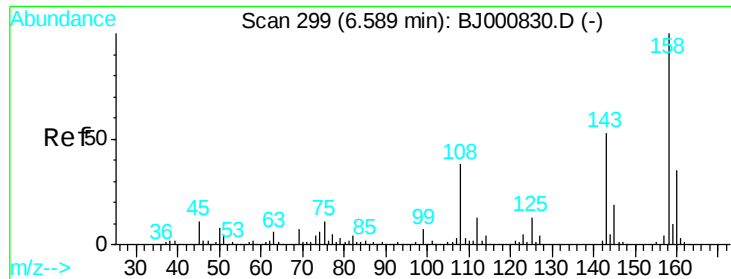
Ion Ratio Lower Upper

135 100

108 27.3 7.0 47.0

69 11.1 0.0 30.4

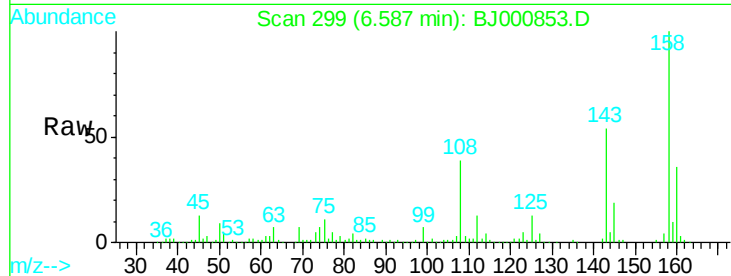




#11
p-Chlorophenylmethylsulfide
Concen: 10.48 ug/mL
RT: 6.59 min Scan# 299
Delta R.T. -0.00 min
Lab File: BJ000853.D
Acq: 28 Apr 2012 2:59

Tgt Ion:158 Resp: 1650814

Ion	Ratio	Lower	Upper
158	100		
143	54.4	32.7	72.7
108	39.3	18.7	58.7
45	12.7	0.0	31.9



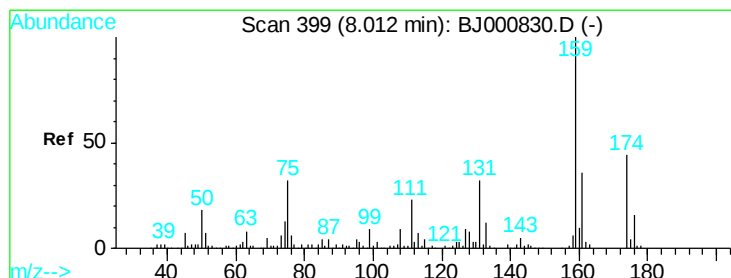
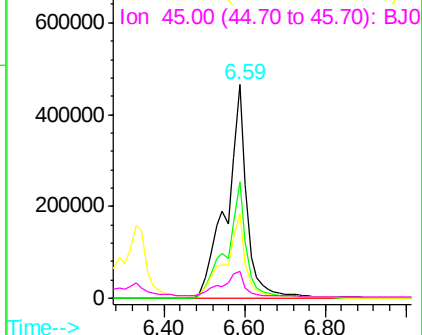
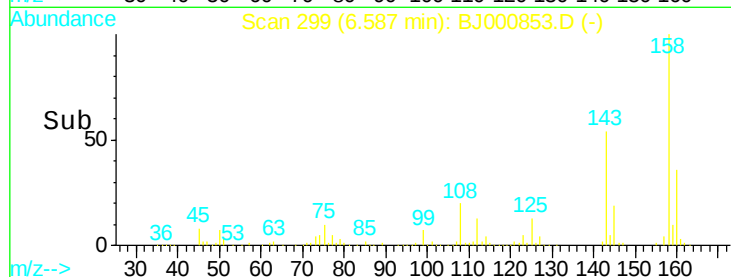
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

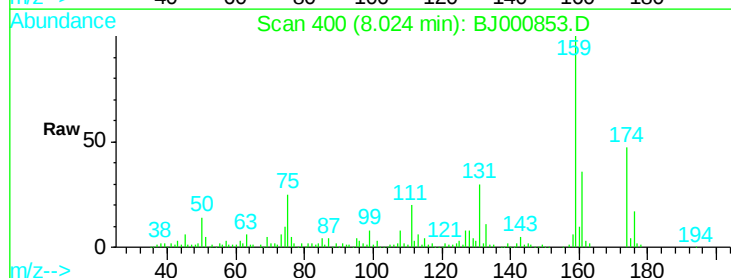
Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 8.05 ug/mL
RT: 8.02 min Scan# 400
Delta R.T. 0.01 min
Lab File: BJ000853.D
Acq: 28 Apr 2012 2:59

Tgt Ion:159 Resp: 707323

Ion	Ratio	Lower	Upper
159	100		
174	49.3	28.0	68.0
108	8.1	0.0	28.5
50	11.9	0.0	36.1



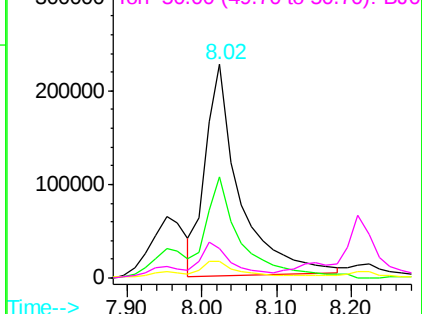
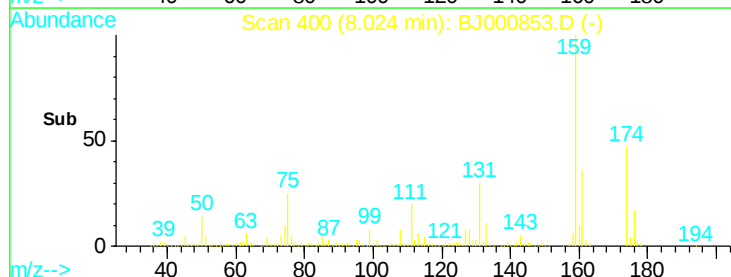
Abundance

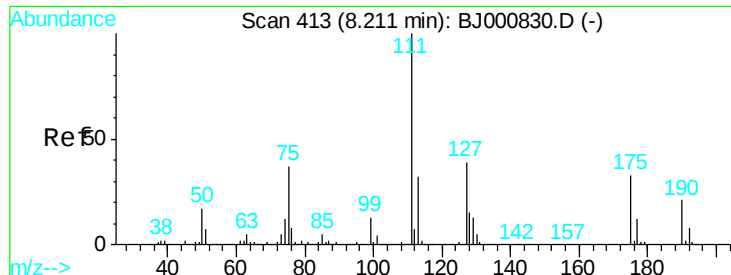
Ion 159.00 (158.70 to 159.70): E

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





#14
 p-Chlorophenylmethylsulfone
 Concen: 9.76 ug/mL
 RT: 8.21 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BJ000853.D
 Acq: 28 Apr 2012 2:59

Tgt Ion:	111	Resp:	1265115
Ion	Ratio	Lower	Upper
111	100		
75	40.7	18.5	58.5
127	38.1	19.3	59.3
190	19.8	0.9	40.9

