

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000855.D
 Acq On : 28 Apr 2012 3:34
 Sample : D2367-12
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:33 2012

Vial: 34
 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	4.75	152	204109	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	834903	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.11	99	183413	0.64	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	128.00%
12) 2-Bromothioanisole	7.34	204	250216	4.57	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%

Target Compounds

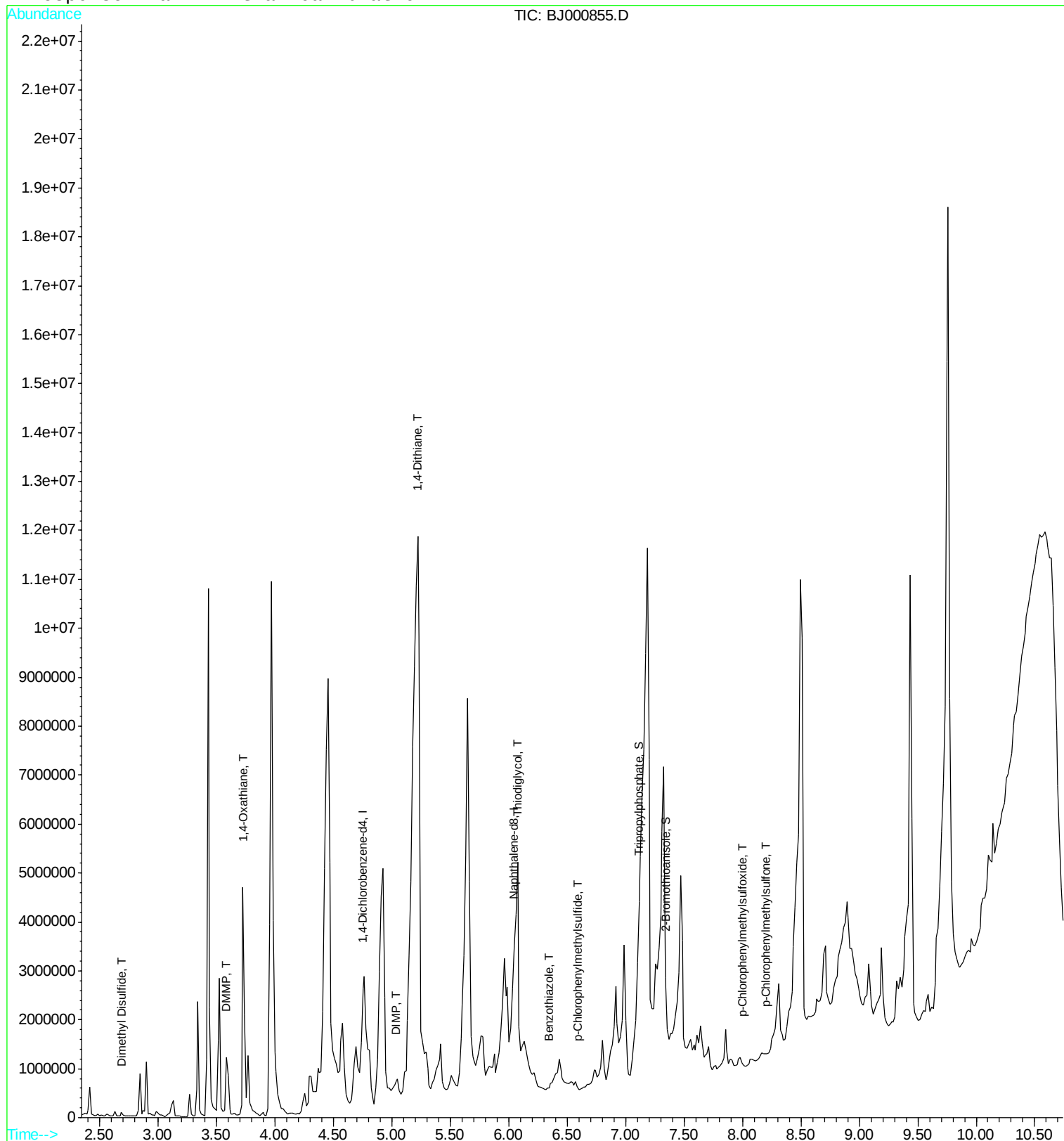
					Ovalue
2) Dimethyl Disulfide	2.69	94	16446	0.22	ug/mL# 1
3) DMMP	3.58	79	45115	0.76	ug/mL# 10
4) DIMP	5.04	97	6384	0.05	ug/mL# 1
5) 1,4-Oxathiane	3.73	46	1940898	26.81	ug/mL# 60
7) 1,4-Dithiane	5.22	46	6944552	125.93	ug/mL# 81
8) Thiodiglycol	6.07	61	58008	2.72	ug/mL 80
9) Benzothiazole	6.35	135	36147	0.17	ug/mL# 52
11) p-Chlorophenylmethyldisulfide	6.59	158	3954	0.03	ug/mL# 1
13) p-Chlorophenylmethyldisulfox	8.00	159	3379	0.04	ug/mL# 15
14) p-Chlorophenylmethyldisulfon	8.20	111	30475	0.26	ug/mL 91

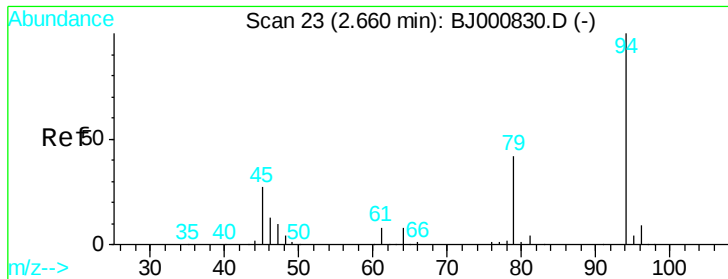
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Last Update : Mon Apr 30 10:31:38 2012
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#2

Dimethyl Disulfide

Concen: 0.22 ug/mL

RT: 2.69 min Scan# 25

Delta R.T. 0.03 min

Lab File: BJ000855.D

Acq: 28 Apr 2012 3:34

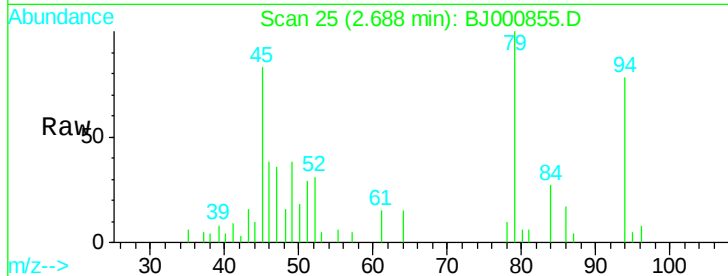
Tgt Ion: 94 Resp: 16446

Ion Ratio Lower Upper

94 100

45 106.4 7.2 47.2#

79 127.7 21.6 61.6#

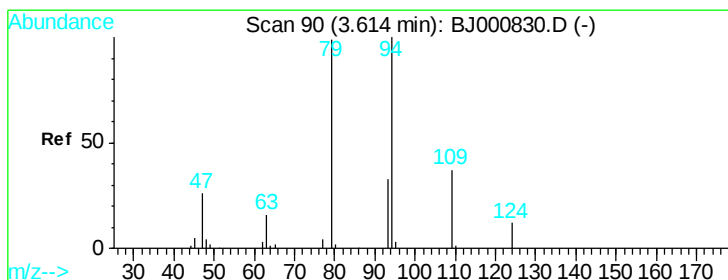
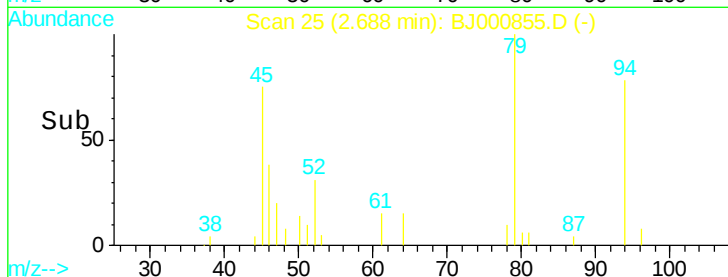
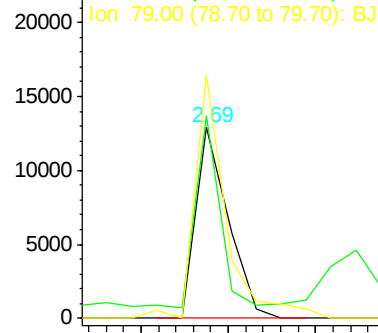


Abundance

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: 0.76 ug/mL

RT: 3.58 min Scan# 88

Delta R.T. -0.03 min

Lab File: BJ000855.D

Acq: 28 Apr 2012 3:34

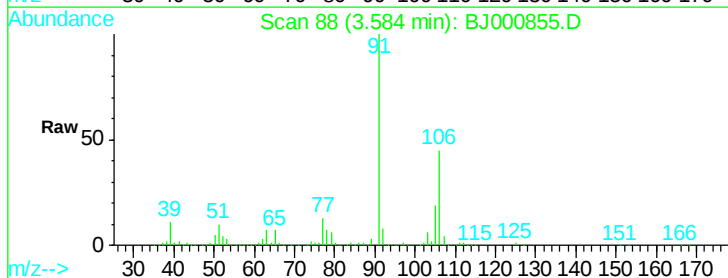
Tgt Ion: 79 Resp: 45115

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#

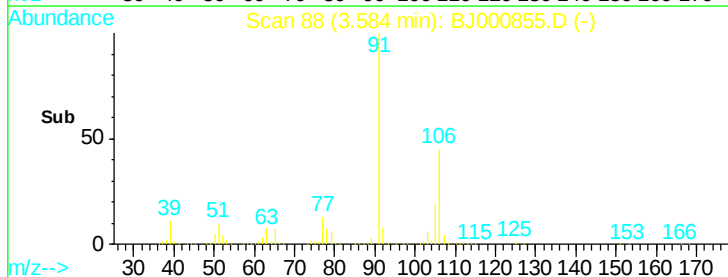
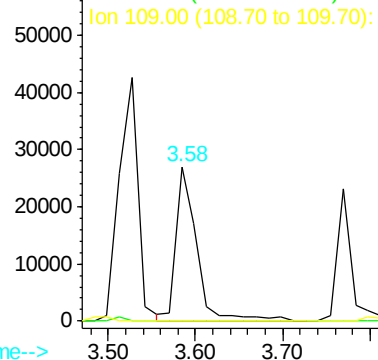


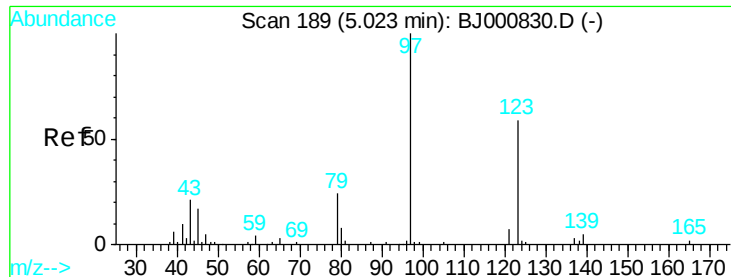
Abundance

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: 0.05 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. 0.01 min

Lab File: BJ000855.D

Acq: 28 Apr 2012 3:34

Tgt Ion: 97 Resp: 6384

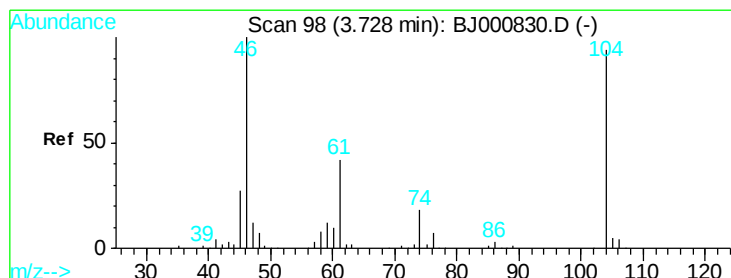
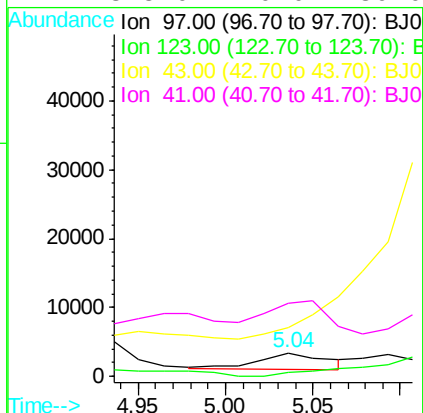
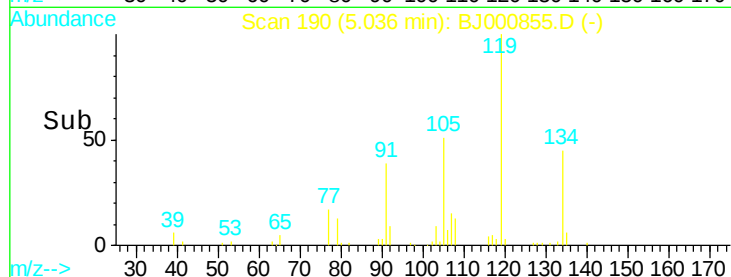
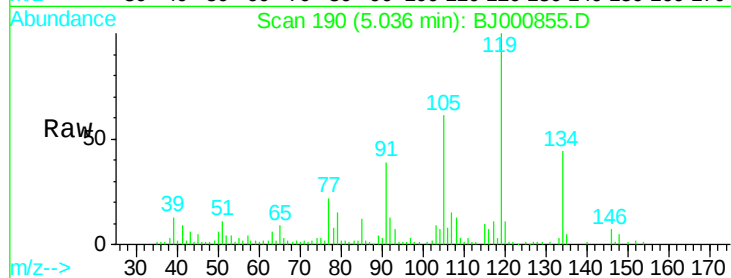
Ion Ratio Lower Upper

97 100

123 17.3 39.1 79.1#

43 209.5 0.9 40.9#

41 315.0 0.0 30.0#



#5

1,4-Oxathiane

Concen: 26.81 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. -0.00 min

Lab File: BJ000855.D

Acq: 28 Apr 2012 3:34

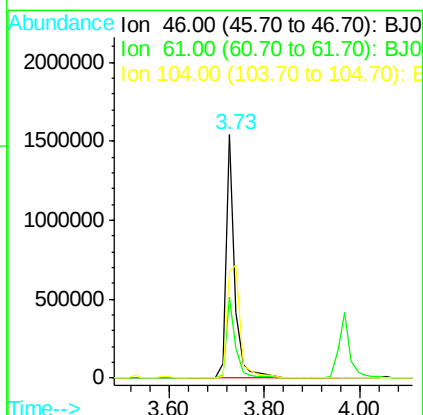
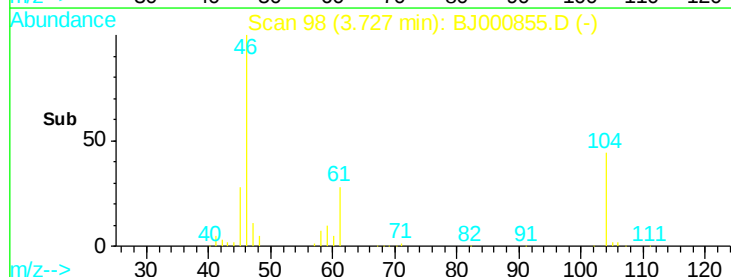
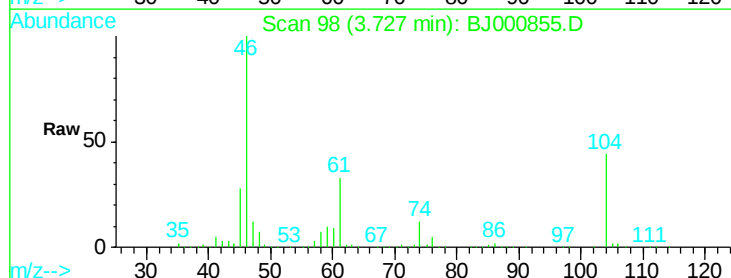
Tgt Ion: 46 Resp: 1940898

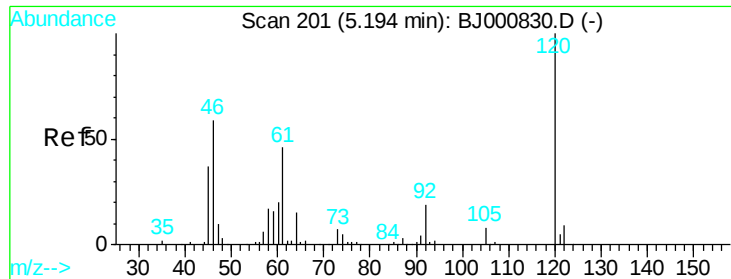
Ion Ratio Lower Upper

46 100

61 33.2 22.0 62.0

104 44.1 73.6 113.6#





#7

1,4-Dithiane

Concen: 125.93 ug/mL

RT: 5.22 min Scan# 203

Delta R.T. 0.03 min

Lab File: BJ000855.D

Acq: 28 Apr 2012 3:34

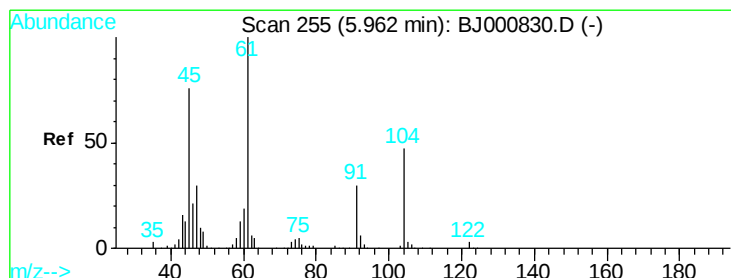
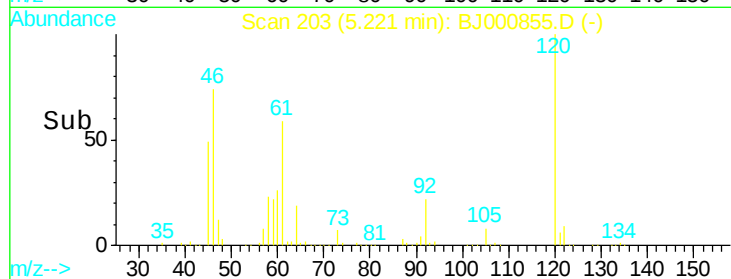
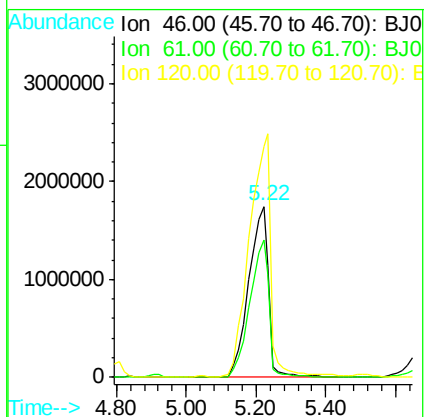
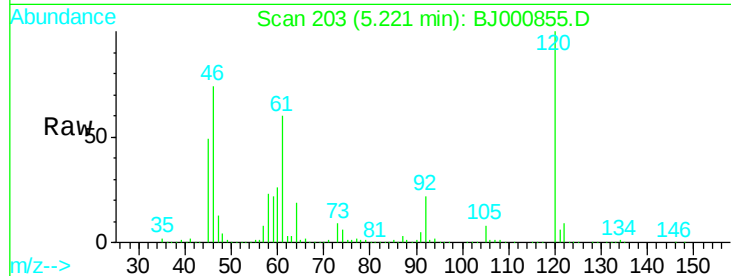
Tgt Ion: 46 Resp: 6944552

Ion Ratio Lower Upper

46 100

61 80.6 56.7 96.7

120 134.6 148.6 188.6#



#8

Thiodiglycol

Concen: 2.72 ug/mL

RT: 6.07 min Scan# 263

Delta R.T. 0.11 min

Lab File: BJ000855.D

Acq: 28 Apr 2012 3:34

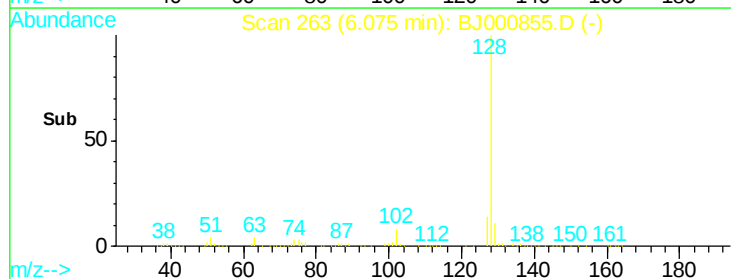
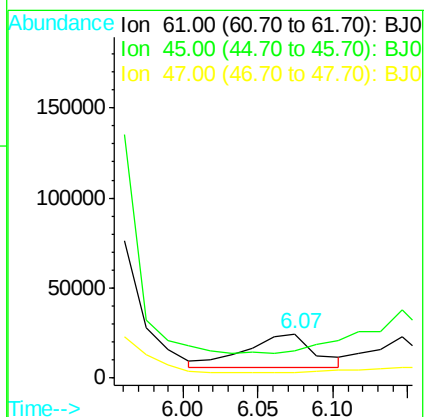
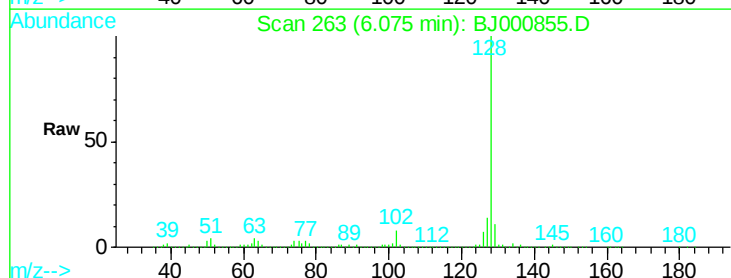
Tgt Ion: 61 Resp: 58008

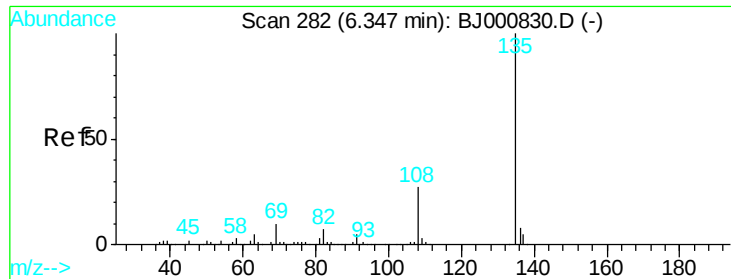
Ion Ratio Lower Upper

61 100

45 62.2 56.4 96.4

47 13.8 10.1 50.1





#9

Benzothiazole

Concen: 0.17 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. -0.00 min

Lab File: BJ000855.D

Acq: 28 Apr 2012 3:34

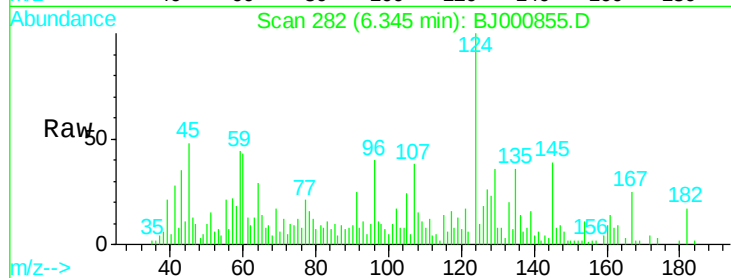
Tgt Ion:135 Resp: 36147

Ion Ratio Lower Upper

135 100

108 41.9 7.0 47.0

69 47.6 0.0 30.4#

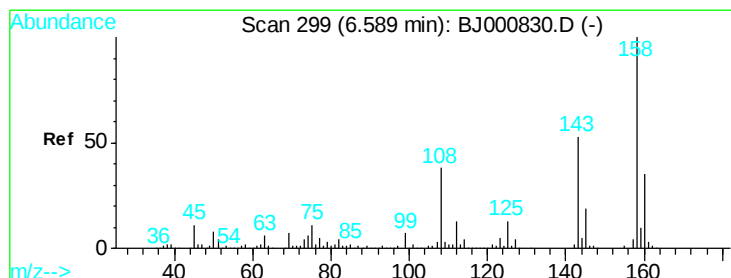
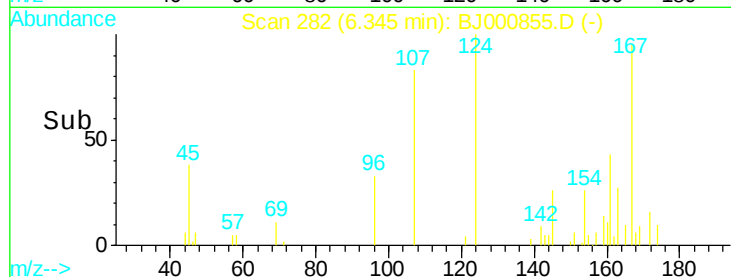
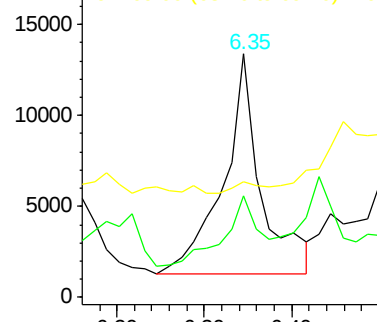


Abundance

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



#11

p-Chlorophenylmethylsulfide

Concen: 0.03 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. -0.00 min

Lab File: BJ000855.D

Acq: 28 Apr 2012 3:34

Tgt Ion:158 Resp: 3954

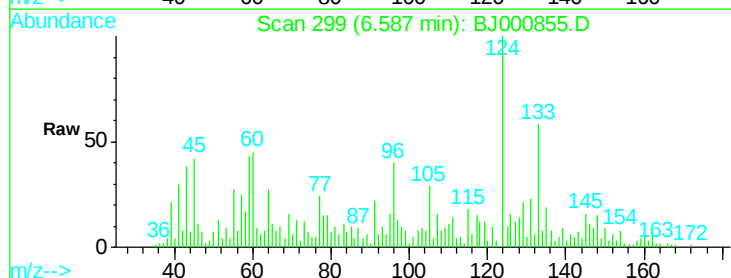
Ion Ratio Lower Upper

158 100

143 241.6 32.7 72.7#

108 256.8 18.7 58.7#

45 1409.5 0.0 31.9#



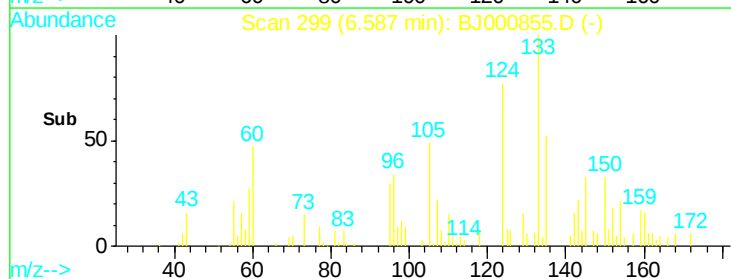
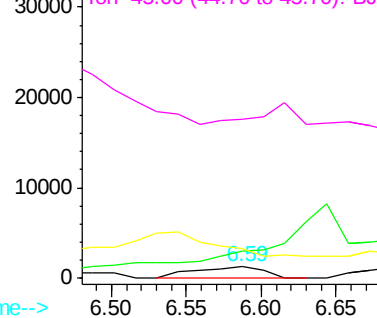
Abundance

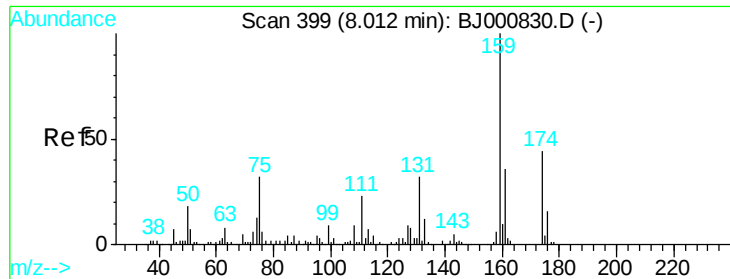
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

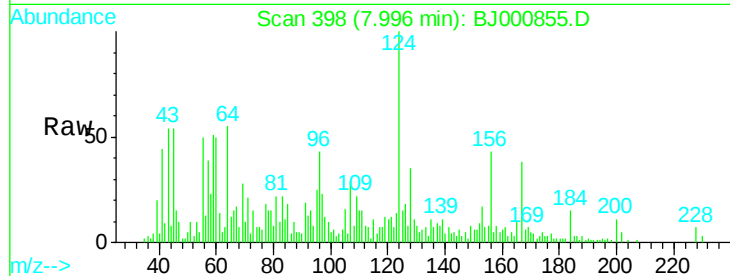
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.04 ug/mL
RT: 8.00 min Scan# 398
Delta R.T. -0.02 min
Lab File: BJ000855.D
Acq: 28 Apr 2012 3:34

Tgt Ion:	159	Resp:	3379
Ion Ratio	Lower	Upper	
159	100		
174	0.0	28.0	68.0#
108	116.0	0.0	28.5#
50	20.7	0.0	36.1



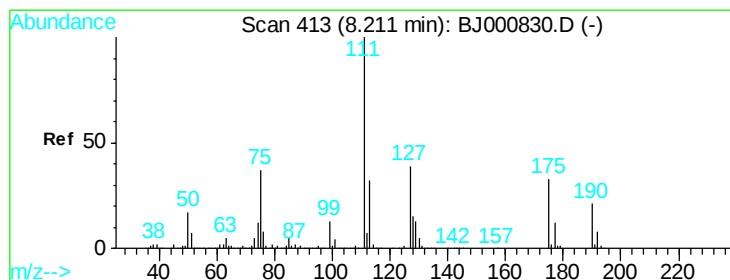
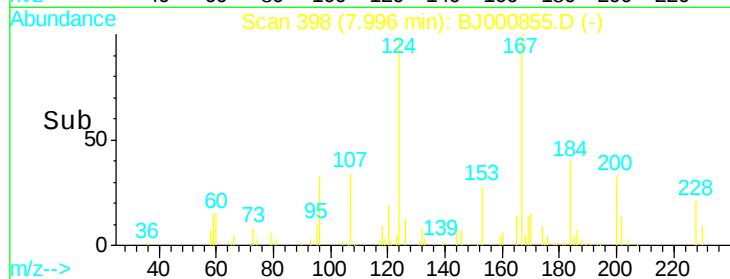
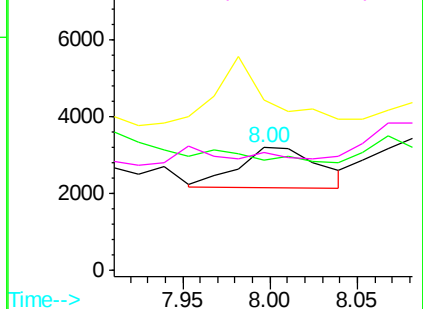
Abundance

Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

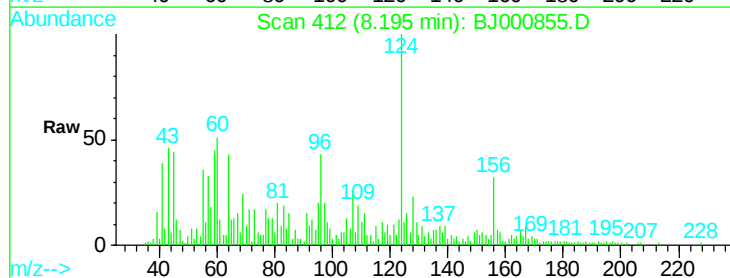
Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 0.26 ug/mL
RT: 8.20 min Scan# 412
Delta R.T. -0.02 min
Lab File: BJ000855.D
Acq: 28 Apr 2012 3:34

Tgt Ion:	111	Resp:	30475
Ion Ratio	Lower	Upper	
111	100		
75	34.4	18.5	58.5
127	39.8	19.3	59.3
190	7.4	0.9	40.9



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

