

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000850.D
 Acq On : 28 Apr 2012 2:05
 Sample : D2367-08
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:32 2012

Vial: 29
 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	217112	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	903907	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.11	99	165709	0.54	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	108.00%
12) 2-Bromothioanisole	7.34	204	263749	4.45	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%

Target Compounds

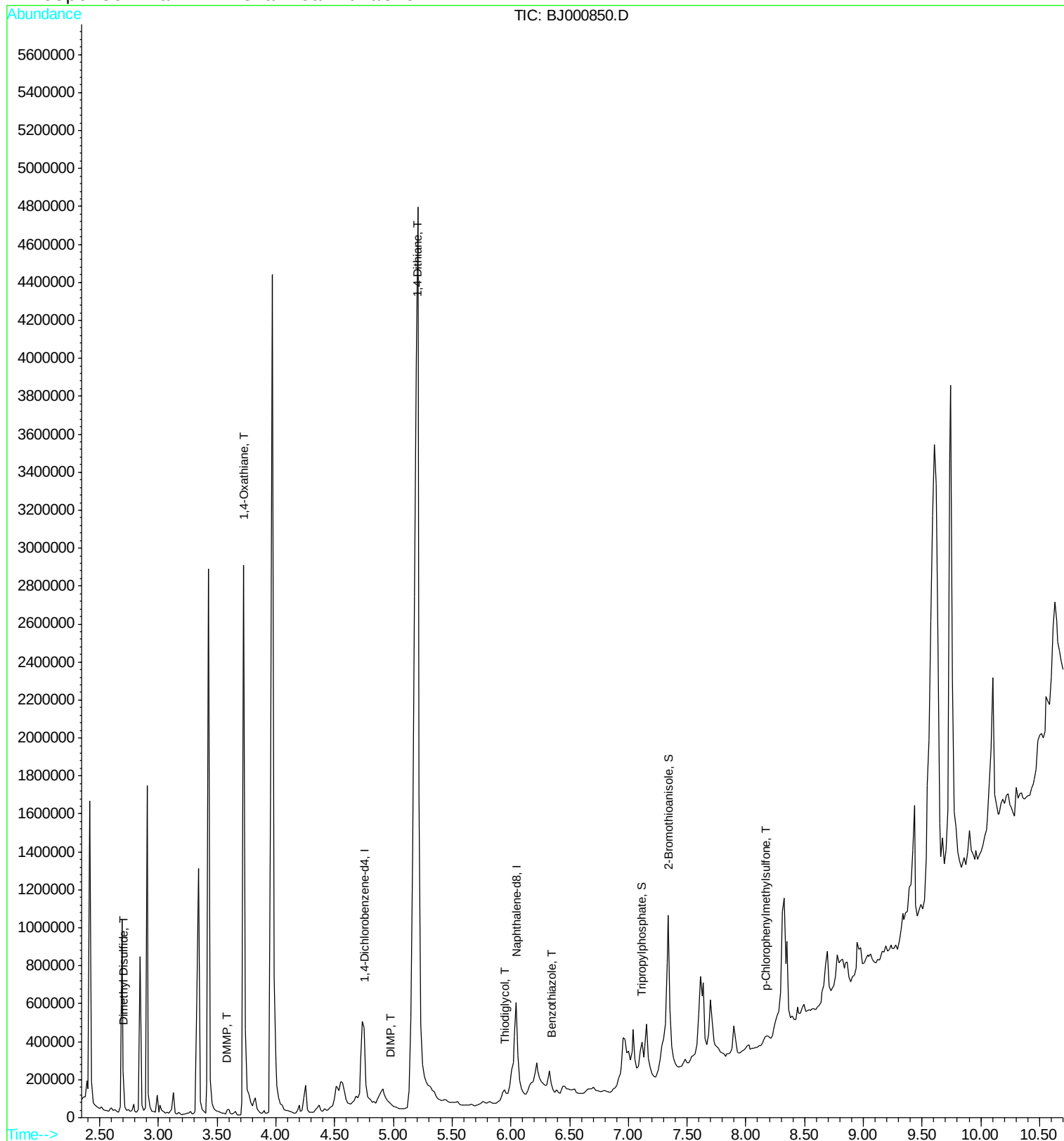
	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.70	94	3583	0.04	ug/mL#	42
3) DMMP	3.58	79	676	0.11	ug/mL#	10
4) DIMP	4.98	97	172	0.01	ug/mL#	1
5) 1,4-Oxathiane	3.73	46	979161	12.72	ug/mL#	64
7) 1,4-Dithiane	5.21	46	1936644	32.44	ug/mL	91
8) Thiodiglycol	5.95	61	6842	1.83	ug/mL#	1
9) Benzothiazole	6.35	135	7033	0.03	ug/mL#	1
14) p-Chlorophenylmethylsulfon	8.17	111	9104	0.07	ug/mL#	73

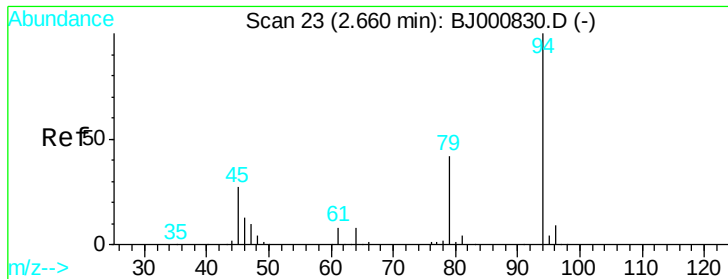
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#2

Dimethyl Disulfide

Concen: 0.04 ug/mL

RT: 2.70 min Scan# 26

Delta R.T. 0.04 min

Lab File: BJ000850.D

Acq: 28 Apr 2012 2:05

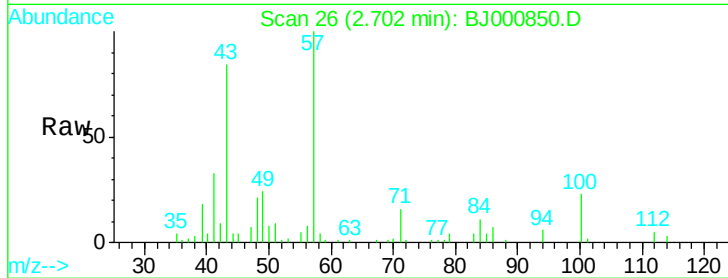
Tgt Ion: 94 Resp: 3583

Ion Ratio Lower Upper

94 100

45 64.9 7.2 47.2#

79 72.1 21.6 61.6#

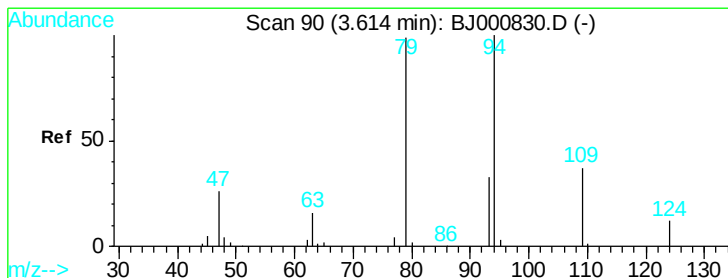
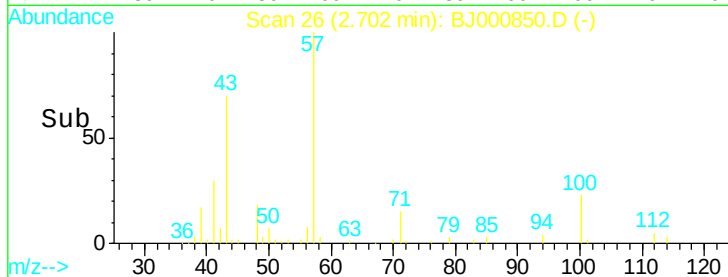
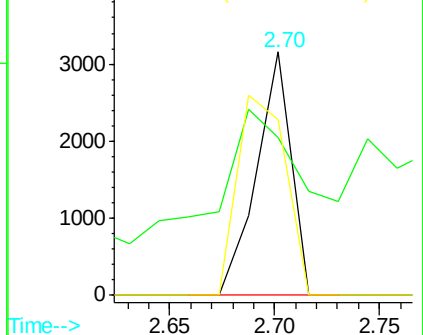


Abundance

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: 0.11 ug/mL

RT: 3.58 min Scan# 88

Delta R.T. -0.03 min

Lab File: BJ000850.D

Acq: 28 Apr 2012 2:05

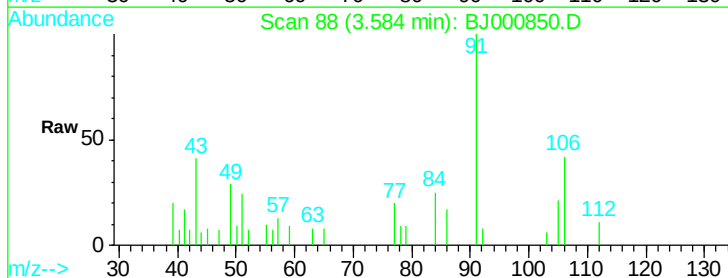
Tgt Ion: 79 Resp: 676

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#

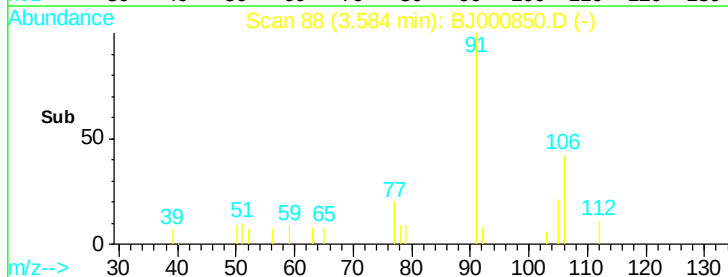
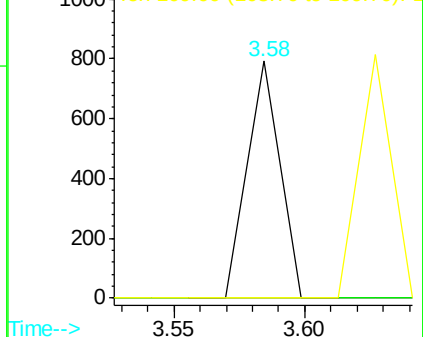


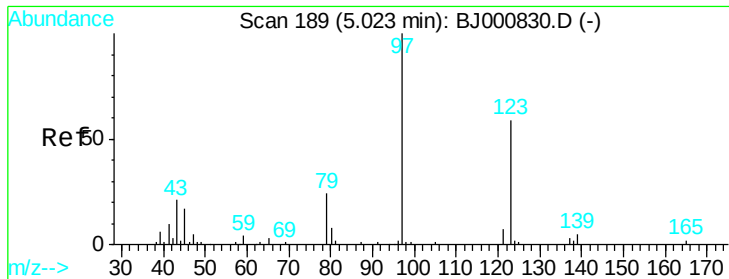
Abundance

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: 0.01 ug/mL

RT: 4.98 min Scan# 186

Delta R.T. -0.04 min

Lab File: BJ000850.D

Acq: 28 Apr 2012 2:05

Tgt Ion: 97 Resp: 172

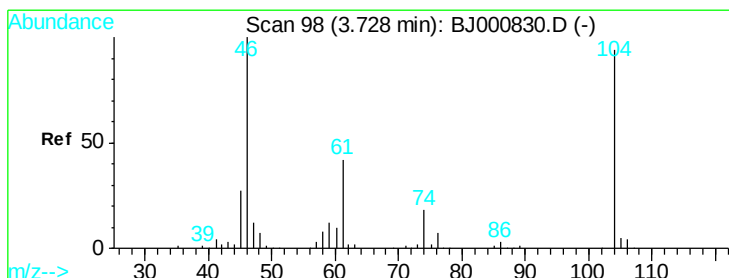
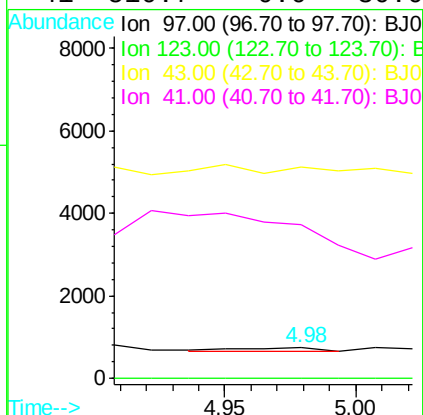
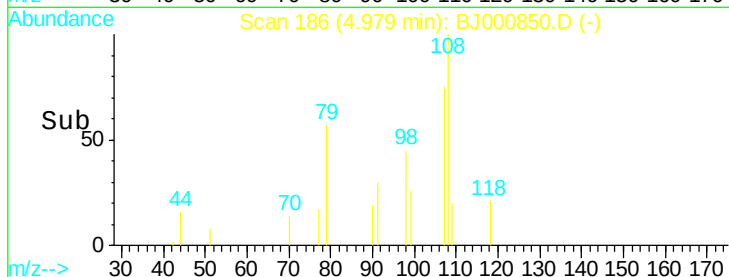
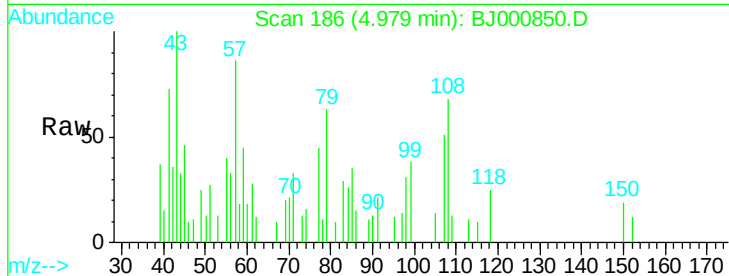
Ion Ratio Lower Upper

97 100

123 0.0 39.1 79.1#

43 702.7 0.9 40.9#

41 510.7 0.0 30.0#



#5

1,4-Oxathiane

Concen: 12.72 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. -0.00 min

Lab File: BJ000850.D

Acq: 28 Apr 2012 2:05

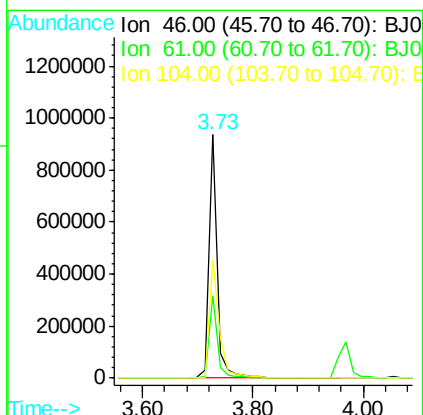
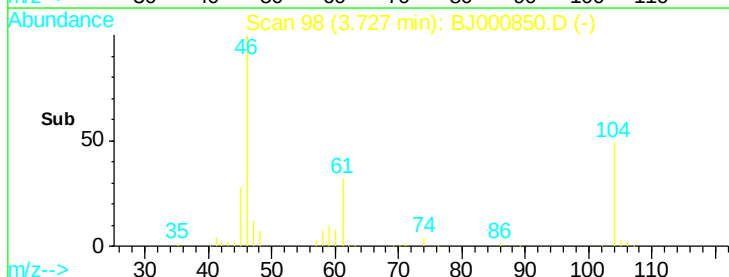
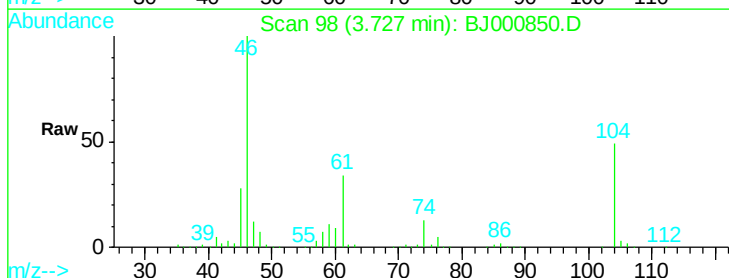
Tgt Ion: 46 Resp: 979161

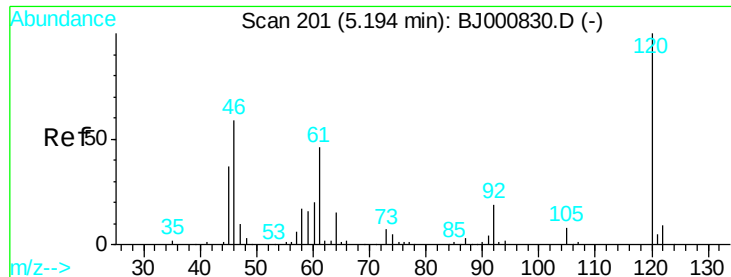
Ion Ratio Lower Upper

46 100

61 33.9 22.0 62.0

104 48.8 73.6 113.6#





#7

1,4-Dithiane

Concen: 32.44 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.01 min

Lab File: BJ000850.D

Acq: 28 Apr 2012 2:05

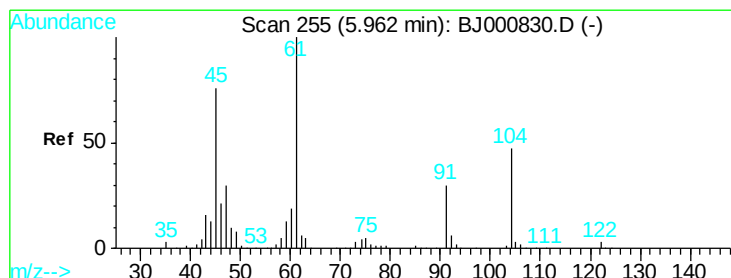
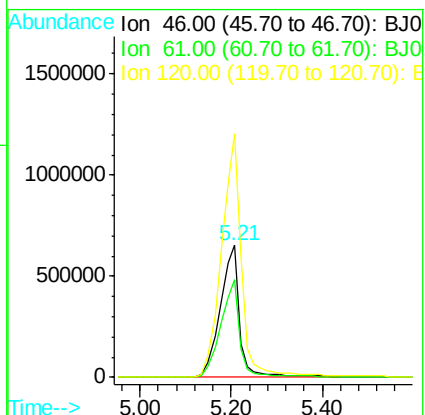
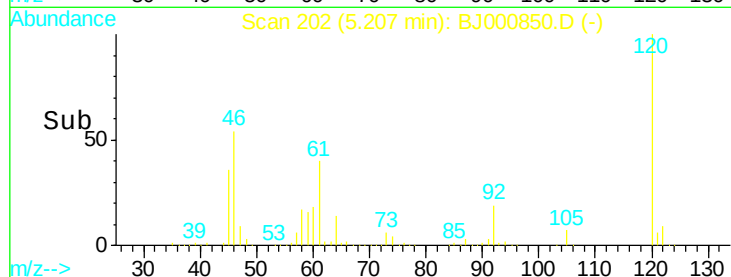
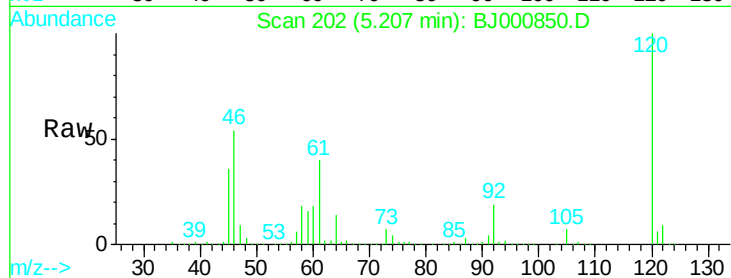
Tgt Ion: 46 Resp: 1936644

Ion Ratio Lower Upper

46 100

61 74.0 56.7 96.7

120 184.8 148.6 188.6



#8

Thiodiglycol

Concen: 1.83 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.02 min

Lab File: BJ000850.D

Acq: 28 Apr 2012 2:05

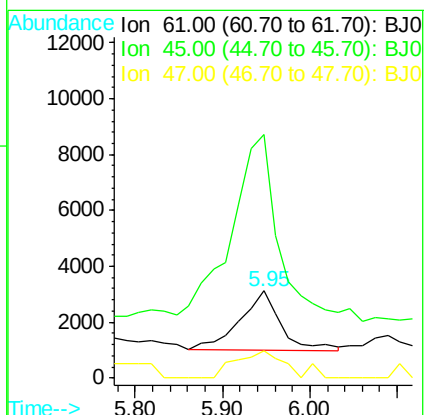
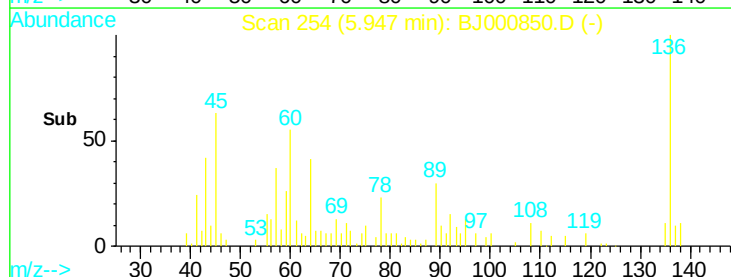
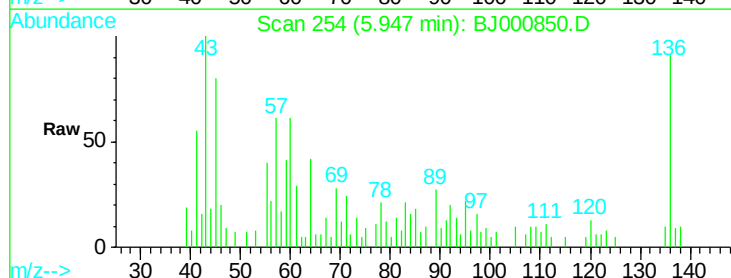
Tgt Ion: 61 Resp: 6842

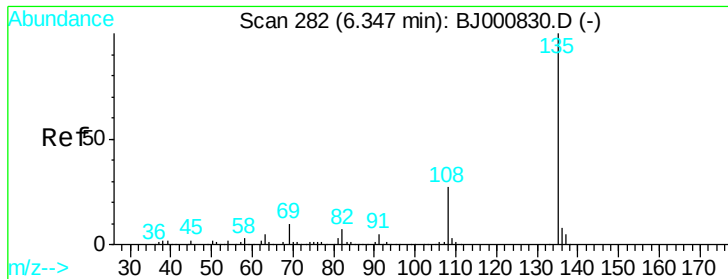
Ion Ratio Lower Upper

61 100

45 279.5 56.4 96.4#

47 30.7 10.1 50.1





#9

Benzothiazole

Concen: 0.03 ug/mL

RT: 6.35 min Scan# 282

Delta R.T. -0.00 min

Lab File: BJ000850.D

Acq: 28 Apr 2012 2:05

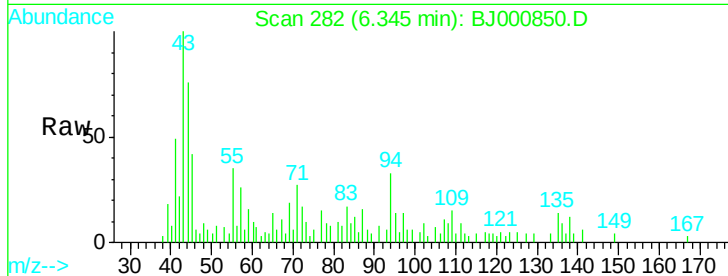
Tgt Ion:135 Resp: 7033

Ion Ratio Lower Upper

135 100

108 64.2 7.0 47.0#

69 132.7 0.0 30.4#

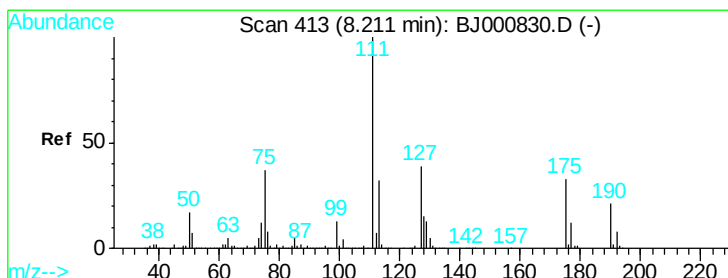
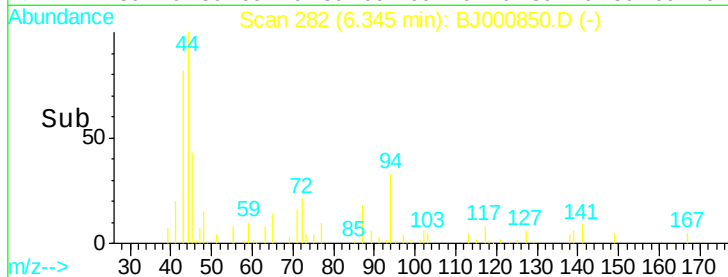
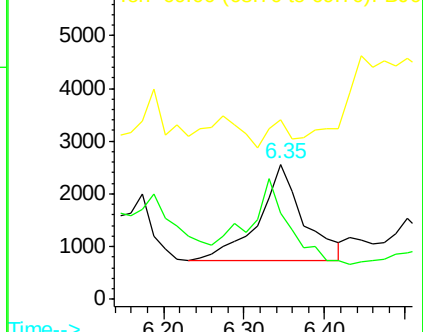


Abundance

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



#14

p-Chlorophenylmethylsulfone

Concen: 0.07 ug/mL

RT: 8.17 min Scan# 410

Delta R.T. -0.04 min

Lab File: BJ000850.D

Acq: 28 Apr 2012 2:05

Tgt Ion:111 Resp: 9104

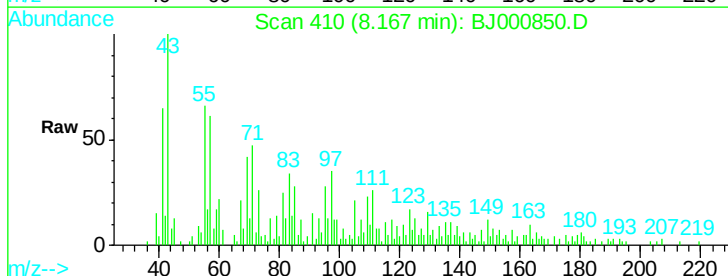
Ion Ratio Lower Upper

111 100

75 17.4 18.5 58.5#

127 28.7 19.3 59.3

190 6.9 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

