

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000854.D
 Acq On : 28 Apr 2012 3:17
 Sample : D2367-11
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:32 2012

Vial: 33
 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	183304	2.00	ug/mL	0.00
6) Naphthalene-d8	6.04	136	809563	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	153350	0.56	ug/mL	0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	112.00%
12) 2-Bromothioanisole	7.34	204	235892	4.44	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.60	79	529	0.11	ug/mL#	10
4) DIMP	5.06	97	75711	0.48	ug/mL#	86
5) 1,4-Oxathiane	3.72	46	1379691	21.22	ug/mL#	61
7) 1,4-Dithiane	5.21	46	4634789	86.68	ug/mL#	84
8) Thiodiglycol	5.95	61	469499	10.08	ug/mL#	1
9) Benzothiazole	6.34	135	9139	0.05	ug/mL#	1
13) p-Chlorophenylmethylsulfox	8.08	159	3665	0.05	ug/mL#	49
14) p-Chlorophenylmethylsulfon	8.27	111	26871	0.23	ug/mL#	53

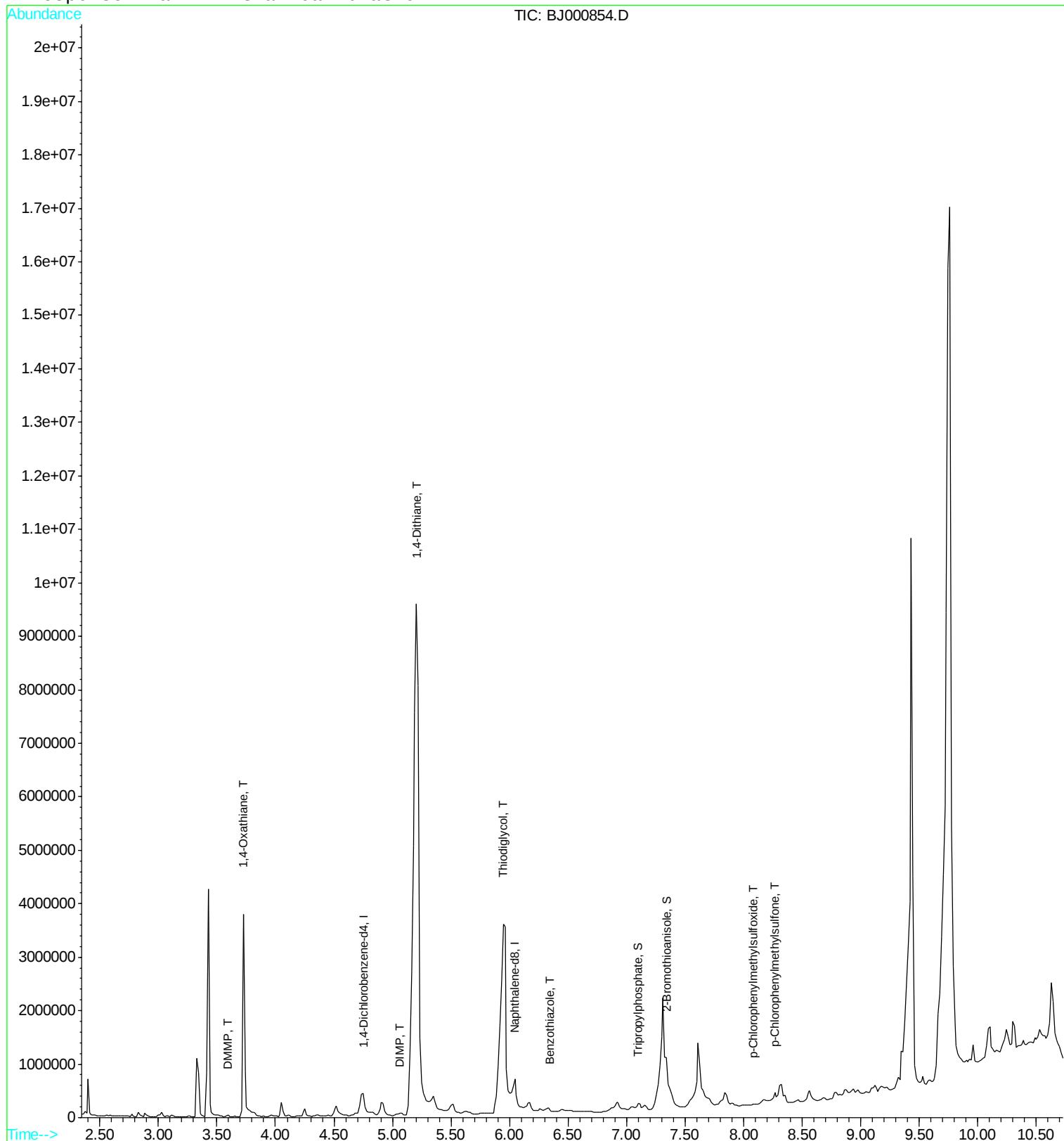
Quantitation Report

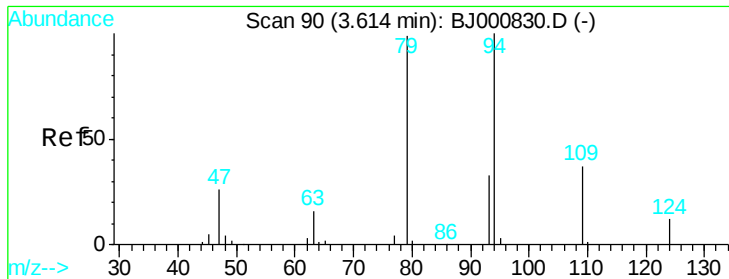
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#3

DMMP

Concen: 0.11 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. -0.02 min

Lab File: BJ000854.D

Acq: 28 Apr 2012 3:17

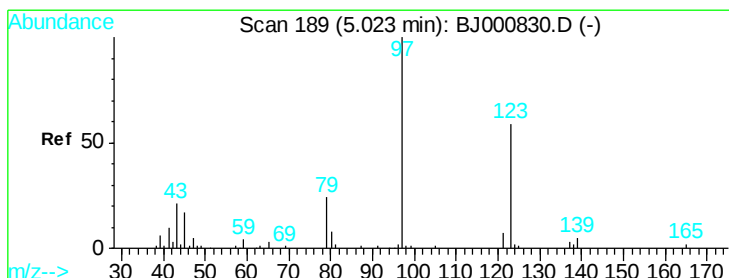
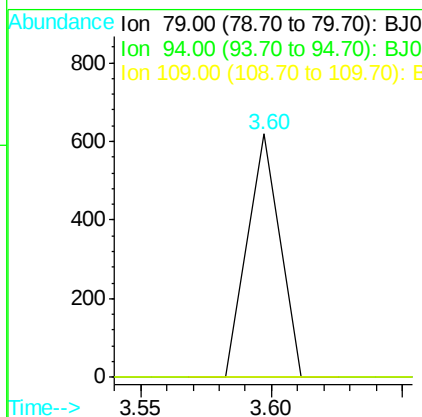
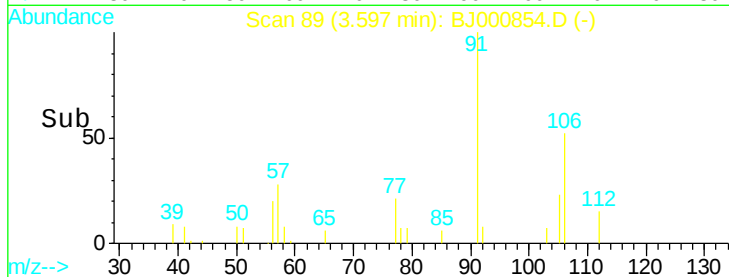
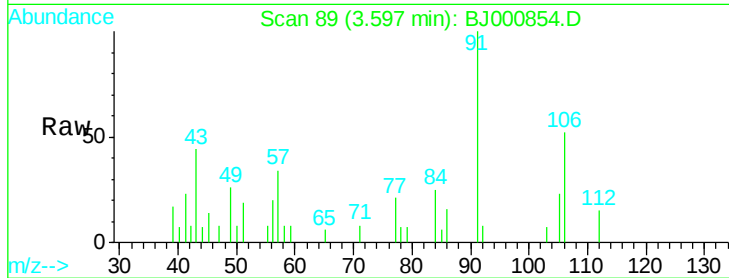
Tgt Ion: 79 Resp: 529

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#



#4

DIMP

Concen: 0.48 ug/mL

RT: 5.06 min Scan# 192

Delta R.T. 0.04 min

Lab File: BJ000854.D

Acq: 28 Apr 2012 3:17

Tgt Ion: 97 Resp: 75711

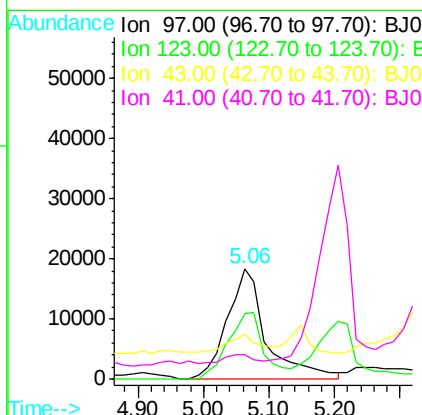
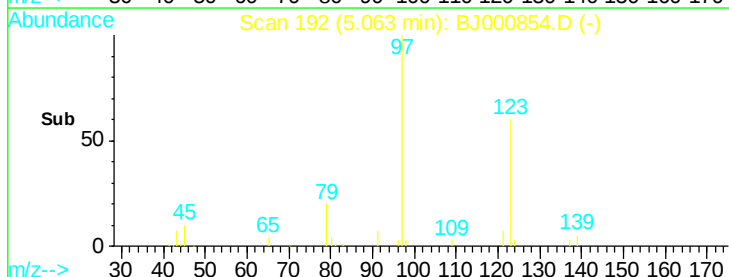
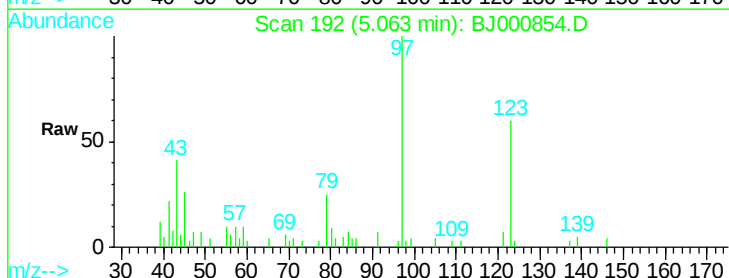
Ion Ratio Lower Upper

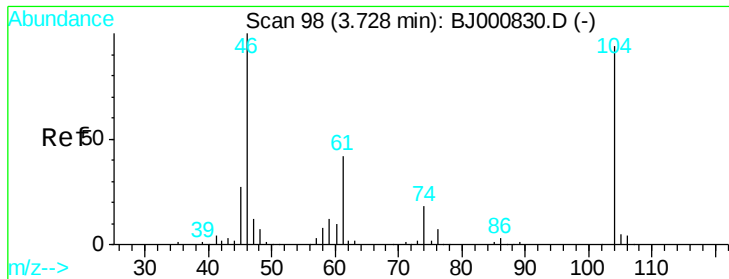
97 100

123 59.7 39.1 79.1

43 41.2 0.9 40.9#

41 22.5 0.0 30.0





#5

1,4-Oxathiane

Concen: 21.22 ug/mL

RT: 3.72 min Scan# 98

Delta R.T. -0.00 min

Lab File: BJ000854.D

Acq: 28 Apr 2012 3:17

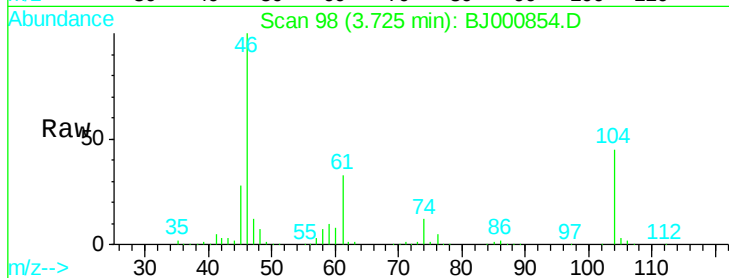
Tgt Ion: 46 Resp: 1379691

Ion Ratio Lower Upper

46 100

61 33.4 22.0 62.0

104 45.4 73.6 113.6#

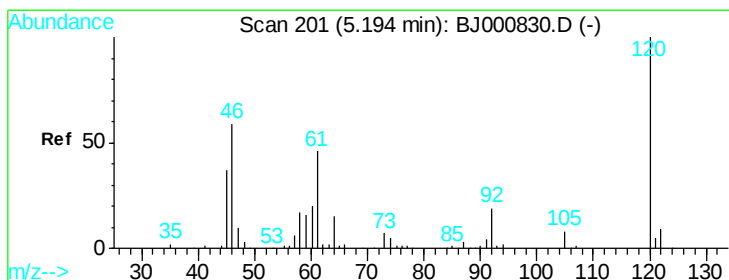
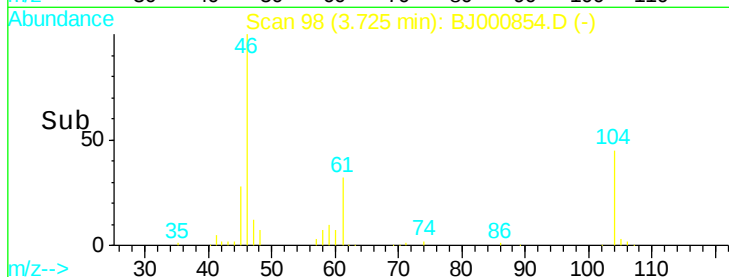
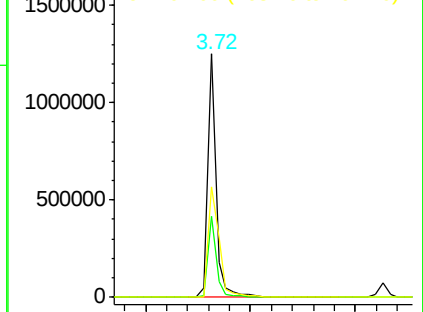


Abundance

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: 86.68 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.01 min

Lab File: BJ000854.D

Acq: 28 Apr 2012 3:17

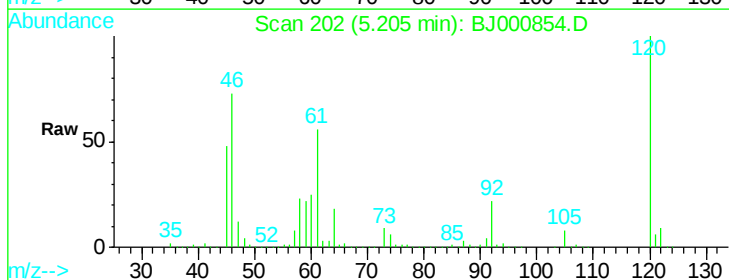
Tgt Ion: 46 Resp: 4634789

Ion Ratio Lower Upper

46 100

61 77.3 56.7 96.7

120 137.0 148.6 188.6#

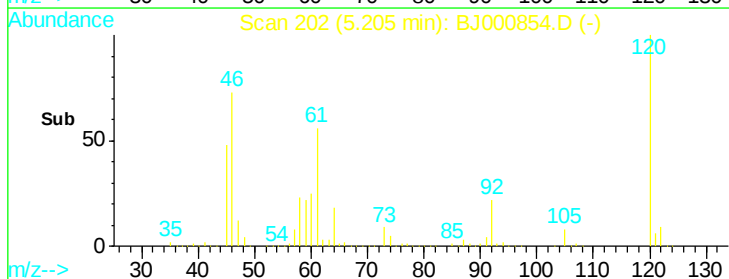
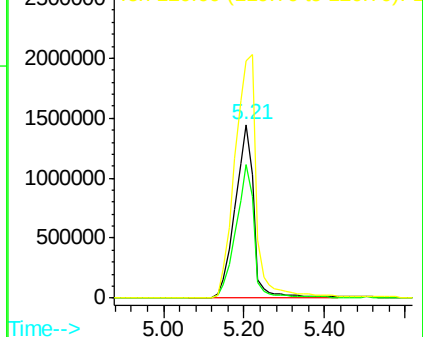


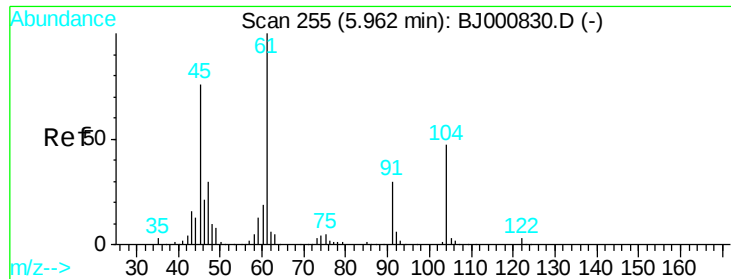
Abundance

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: 10.08 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.02 min

Lab File: BJ000854.D

Acq: 28 Apr 2012 3:17

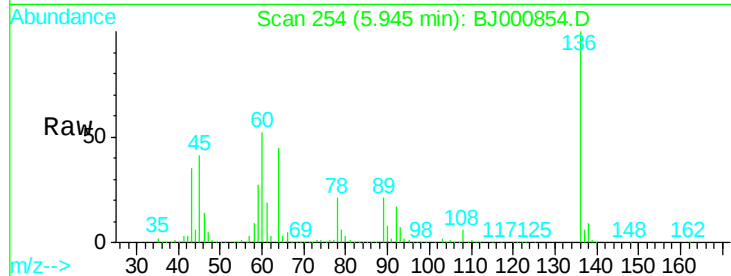
Tgt Ion: 61 Resp: 469499

Ion Ratio Lower Upper

61 100

45 210.1 56.4 96.4#

47 27.3 10.1 50.1

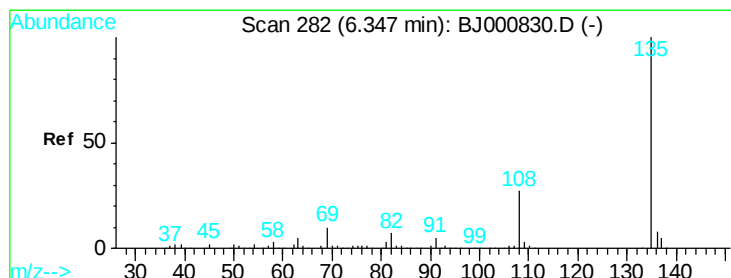
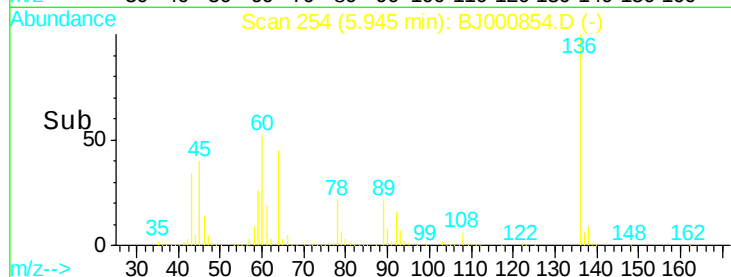
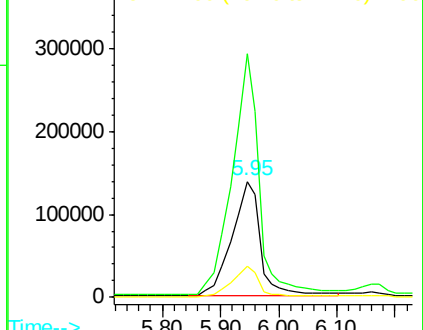


Abundance

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: 0.05 ug/mL

RT: 6.34 min Scan# 282

Delta R.T. -0.00 min

Lab File: BJ000854.D

Acq: 28 Apr 2012 3:17

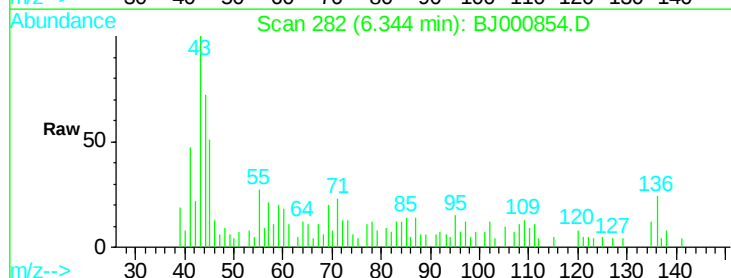
Tgt Ion: 135 Resp: 9139

Ion Ratio Lower Upper

135 100

108 92.4 7.0 47.0#

69 173.7 0.0 30.4#

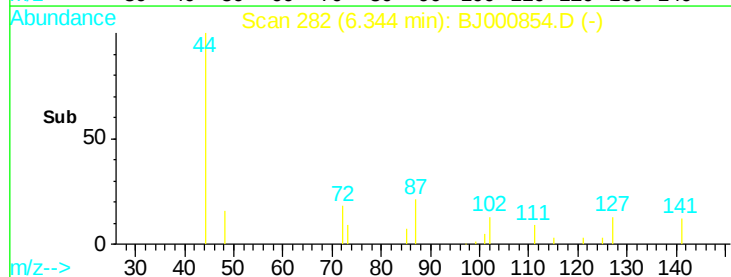
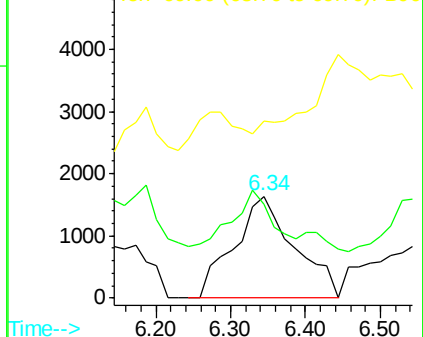


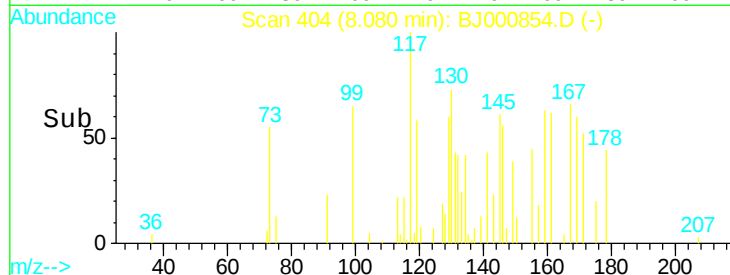
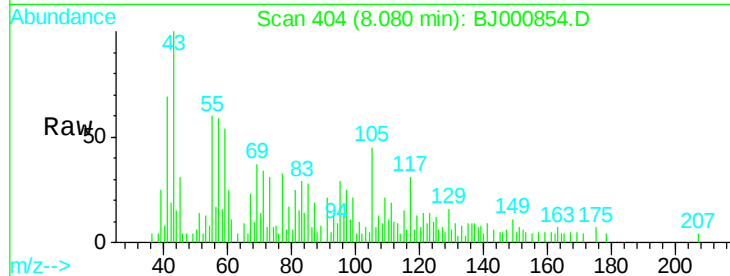
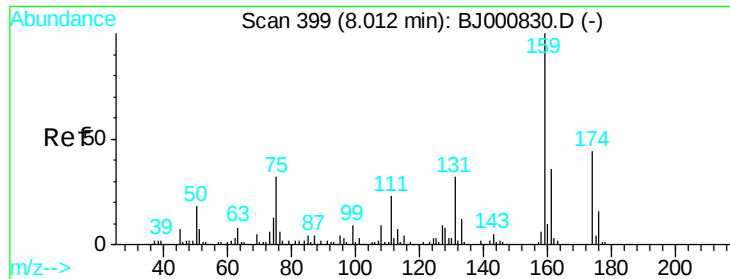
Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

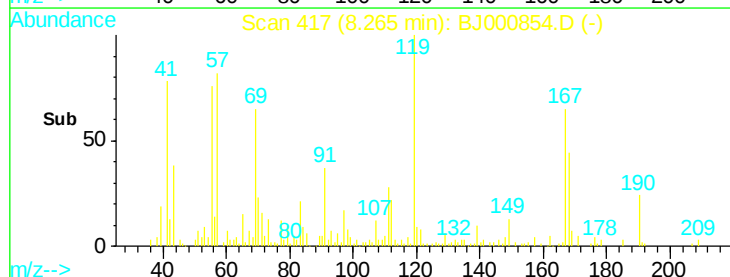
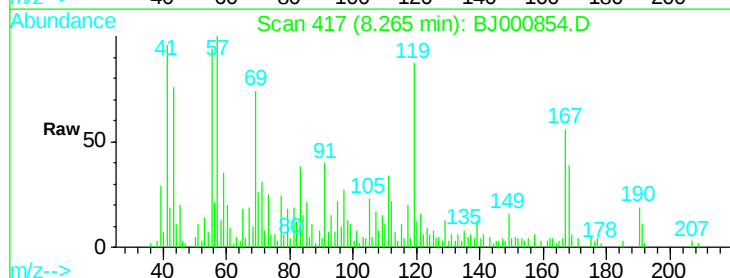
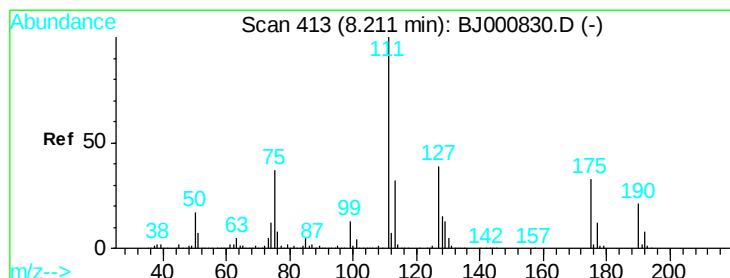
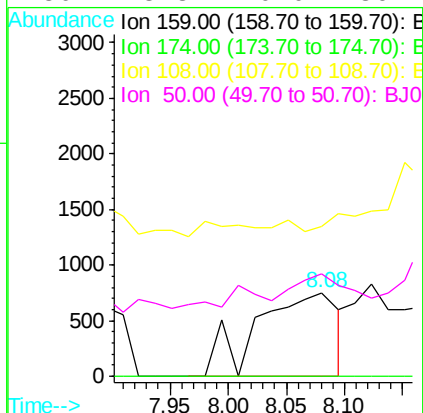
Ion 69.00 (68.70 to 69.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.05 ug/mL
RT: 8.08 min Scan# 404
Delta R.T. 0.07 min
Lab File: BJ000854.D
Acq: 28 Apr 2012 3:17

Tgt Ion:	159	Resp:	3665
Ion	Ratio	Lower	Upper
159	100		
174	0.0	28.0	68.0#
108	0.0	0.0	28.5
50	18.3	0.0	36.1



#14
p-Chlorophenylmethylsulfone
Concen: 0.23 ug/mL
RT: 8.27 min Scan# 417
Delta R.T. 0.05 min
Lab File: BJ000854.D
Acq: 28 Apr 2012 3:17

Tgt Ion:	111	Resp:	26871
Ion	Ratio	Lower	Upper
111	100		
75	17.2	18.5	58.5#
127	13.5	19.3	59.3#
190	57.4	0.9	40.9#

