

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000851.D
 Acq On : 28 Apr 2012 2:23
 Sample : D2367-09
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:32 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 : 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	201868	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.05	136	791667	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	148645	0.55	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	110.00%
12) 2-Bromothioanisole	7.35	204	224448	4.32	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.59	79	3246	0.15	ug/mL#	10
4) DIMP	4.98	97	234	0.01	ug/mL#	1
5) 1,4-Oxathiane	3.73	46	251117	3.51	ug/mL	96
7) 1,4-Dithiane	5.20	46	503595	9.63	ug/mL#	89
8) Thiodiqlvcol	5.95	61	1585	1.75	ug/mL#	1
9) Benzothiazole	6.35	135	6688	0.03	ug/mL#	1
13) p-ChlorophenylmethyIsulfox	8.02	159	878	0.01	ug/mL#	1
14) p-ChlorophenylmethyIsulfon	8.33	111	18867	0.17	ug/mL	73

Quantitation Report

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MS Integration Params: rteint.p

Quant Time: Apr 30 10:32 2012

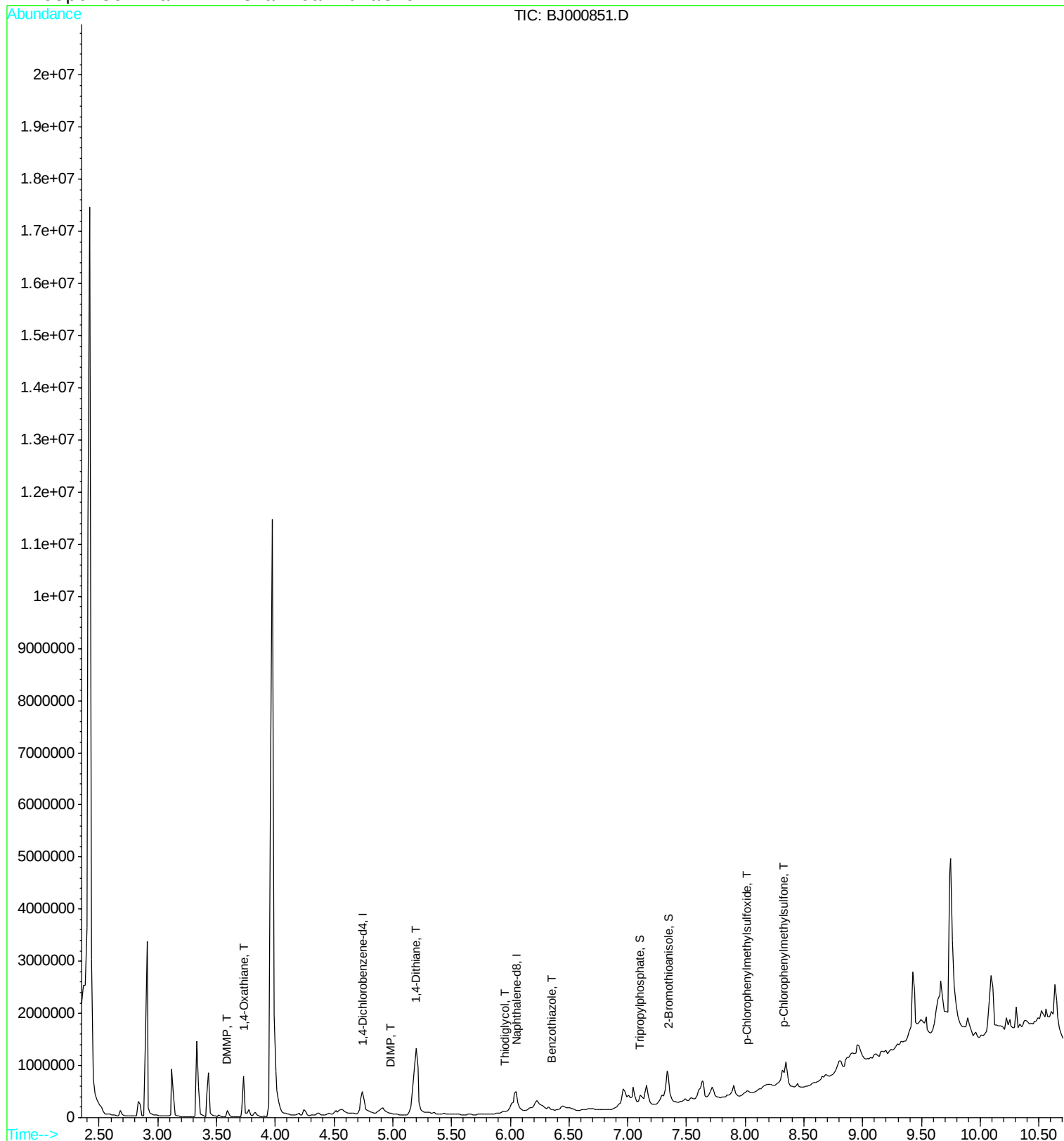
Quant Results File: BJ042612.RES

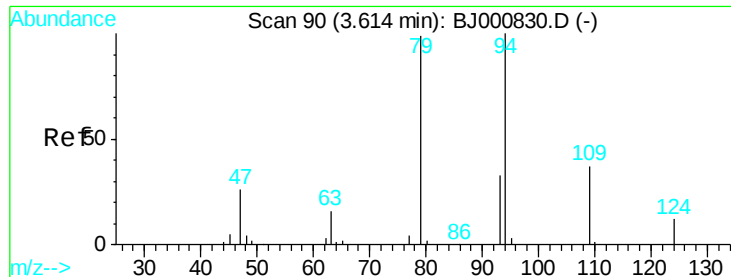
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

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

Response via : Initial Calibration





#3

DMMP

Concen: 0.15 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. -0.02 min

Lab File: BJ000851.D

Acq: 28 Apr 2012 2:23

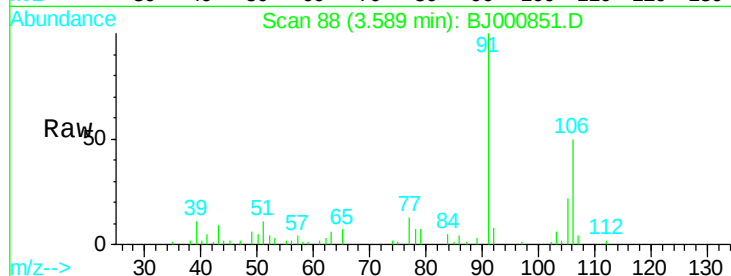
Tgt Ion: 79 Resp: 3246

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#

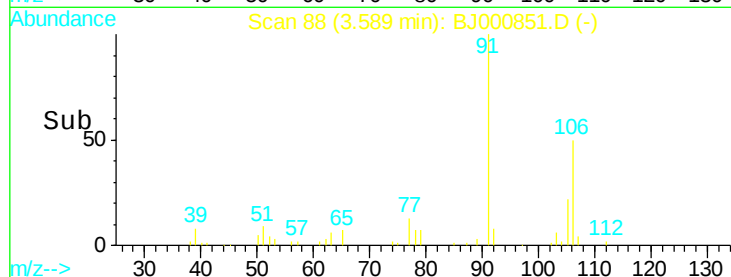
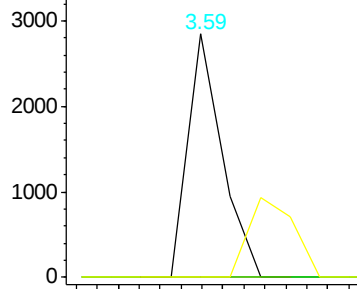


Abundance

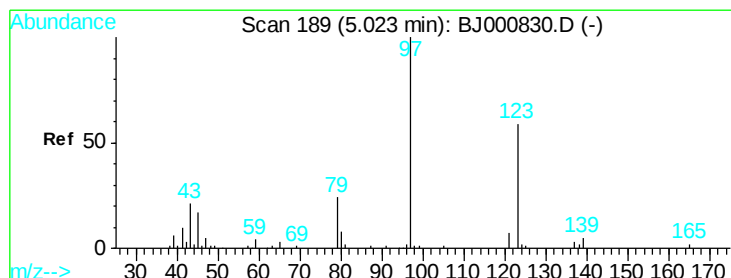
Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0



Time-->



#4

DIMP

Concen: 0.01 ug/mL

RT: 4.98 min Scan# 186

Delta R.T. -0.04 min

Lab File: BJ000851.D

Acq: 28 Apr 2012 2:23

Tgt Ion: 97 Resp: 234

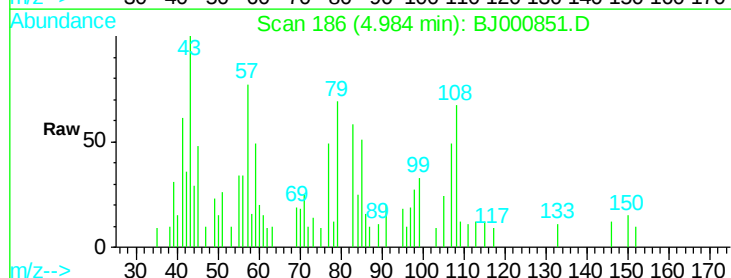
Ion Ratio Lower Upper

97 100

123 0.0 39.1 79.1#

43 521.1 0.9 40.9#

41 320.4 0.0 30.0#



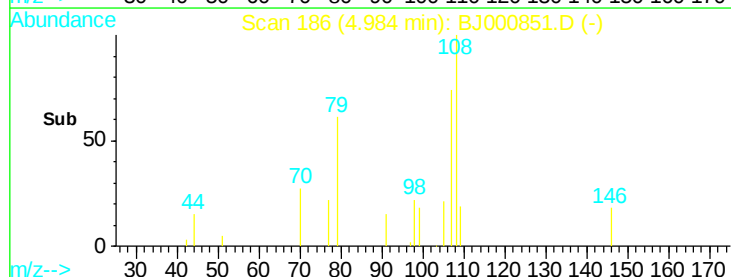
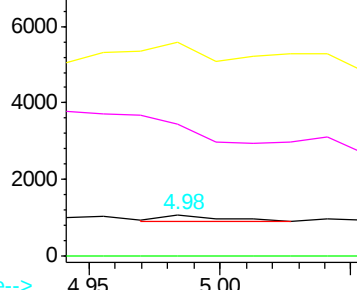
Abundance

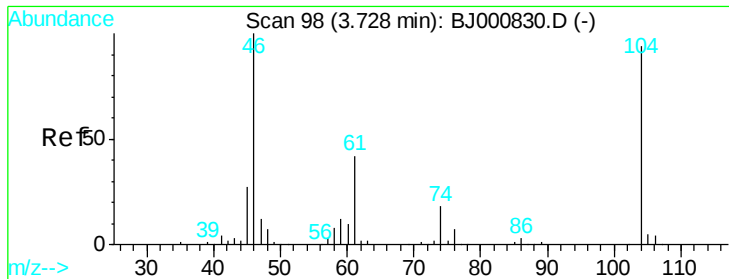
Ion 97.00 (96.70 to 97.70): BJ0

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: 3.51 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000851.D

Acq: 28 Apr 2012 2:23

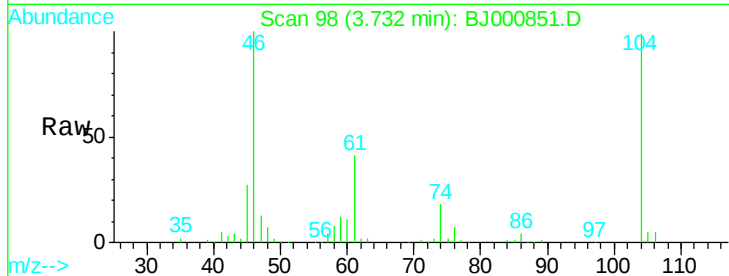
Tgt Ion: 46 Resp: 251117

Ion Ratio Lower Upper

46 100

61 41.5 22.0 62.0

104 98.9 73.6 113.6

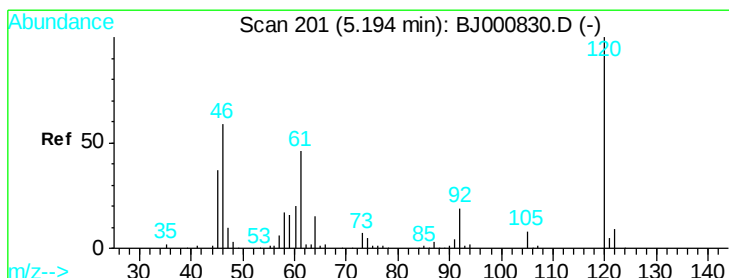
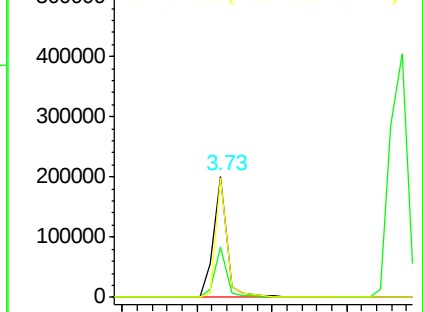
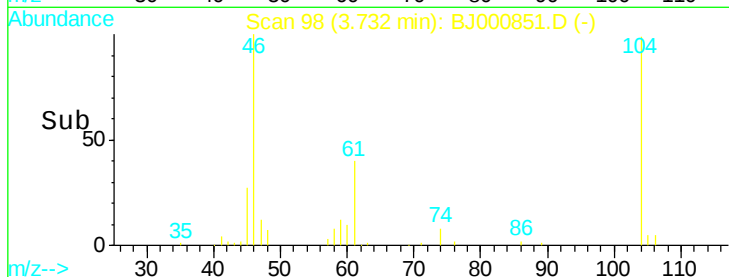


Abundance

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: 9.63 ug/mL

RT: 5.20 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000851.D

Acq: 28 Apr 2012 2:23

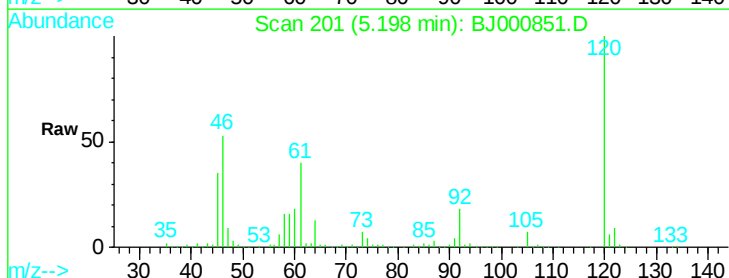
Tgt Ion: 46 Resp: 503595

Ion Ratio Lower Upper

46 100

61 75.6 56.7 96.7

120 189.9 148.6 188.6#

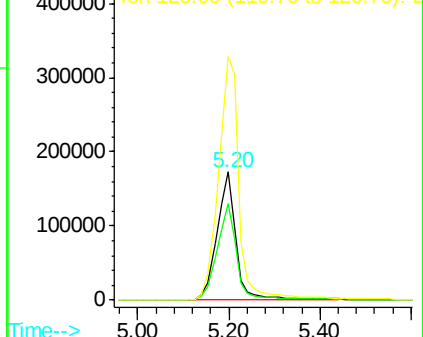
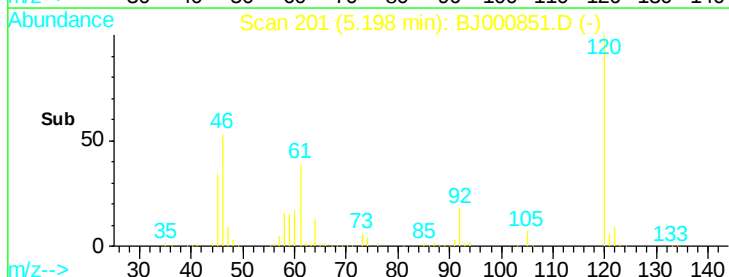


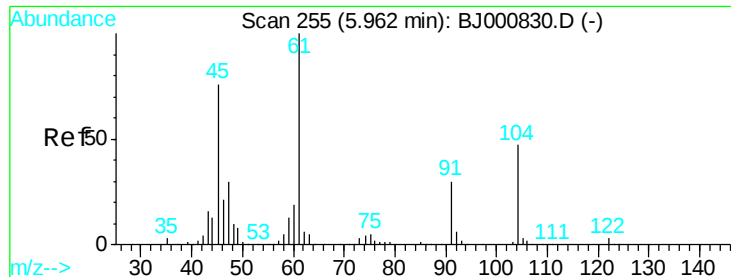
Abundance

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: 1.75 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.01 min

Lab File: BJ000851.D

Acq: 28 Apr 2012 2:23

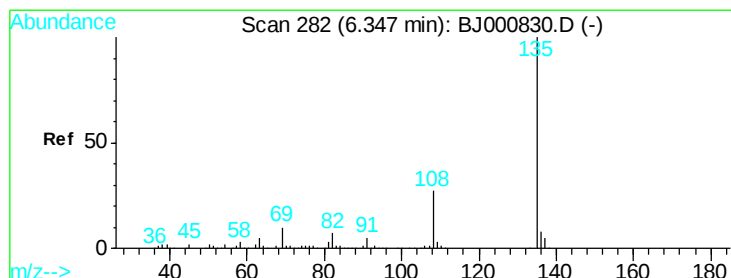
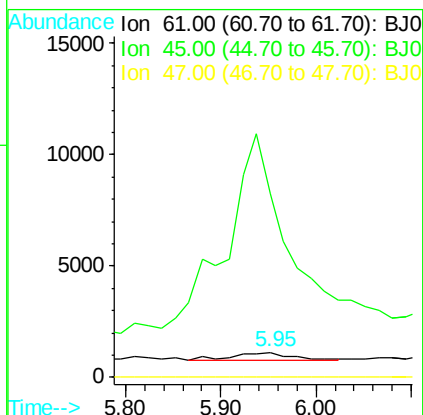
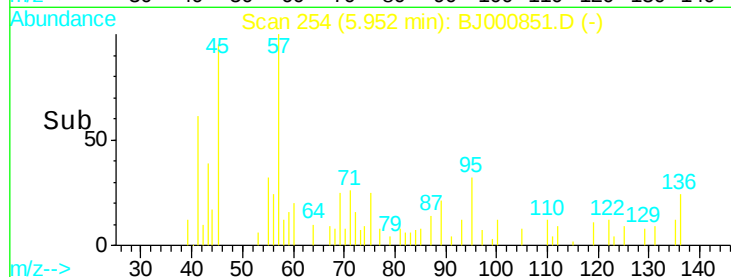
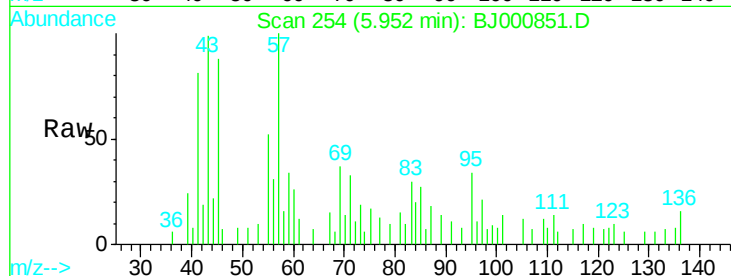
Tgt Ion: 61 Resp: 1585

Ion Ratio Lower Upper

61 100

45 731.8 56.4 96.4#

47 0.0 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: BJ000851.D

Acq: 28 Apr 2012 2:23

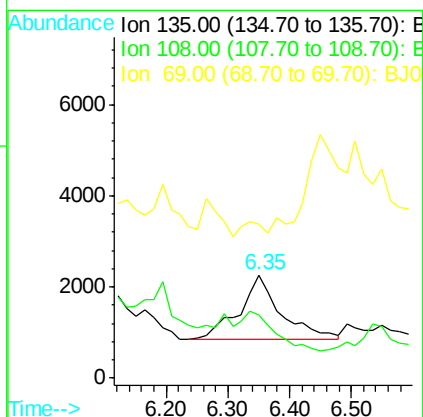
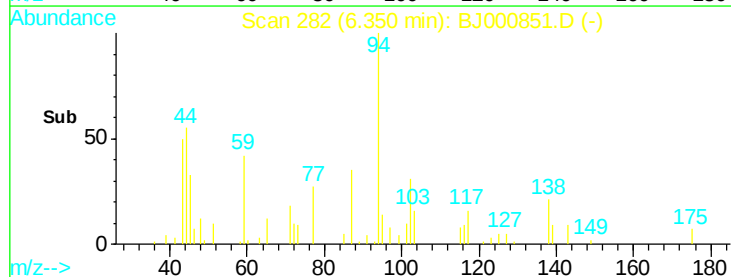
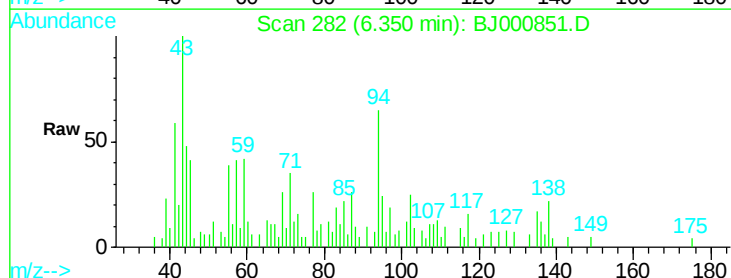
Tgt Ion:135 Resp: 6688

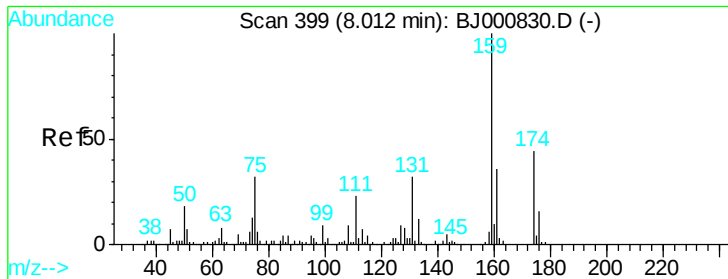
Ion Ratio Lower Upper

135 100

108 61.0 7.0 47.0#

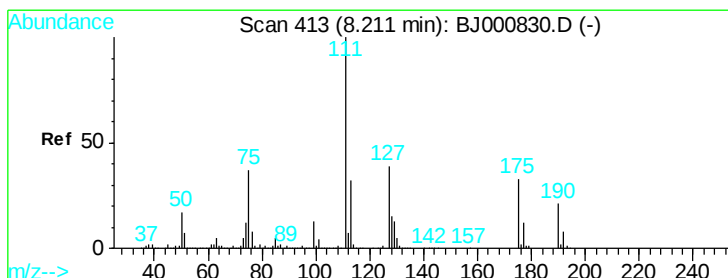
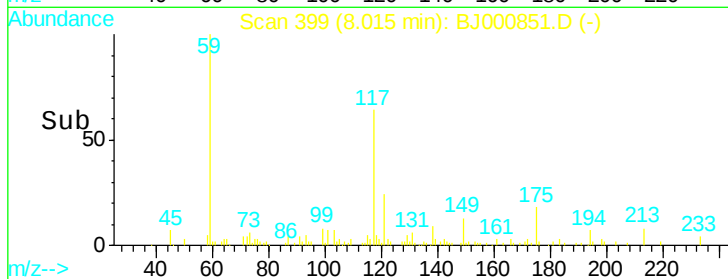
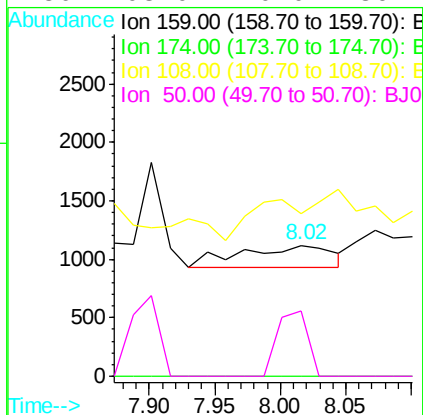
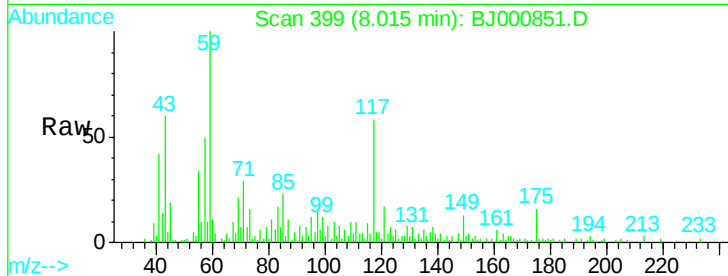
69 148.9 0.0 30.4#





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.01 ug/mL
RT: 8.02 min Scan# 399
Delta R.T. 0.00 min
Lab File: BJ000851.D
Acq: 28 Apr 2012 2:23

Tgt Ion:	159	Resp:	878
Ion Ratio	Lower	Upper	
159	100		
174	0.0	28.0	68.0#
108	107.7	0.0	28.5#
50	103.0	0.0	36.1#



#14
p-Chlorophenylmethylsulfone
Concen: 0.17 ug/mL
RT: 8.33 min Scan# 421
Delta R.T. 0.12 min
Lab File: BJ000851.D
Acq: 28 Apr 2012 2:23

Tgt Ion:	111	Resp:	18867
Ion Ratio	Lower	Upper	
111	100		
75	19.8	18.5	58.5
127	22.7	19.3	59.3
190	30.8	0.9	40.9

