

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000837.D
 Acq On : 27 Apr 2012 22:13
 Sample : 2330-19
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:31 2012

Vial: 16
 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	198929	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.04	136	857471	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	163349	0.56	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	112.00%
12) 2-Bromothioanisole	7.35	204	213388	3.79	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%

Target Compounds

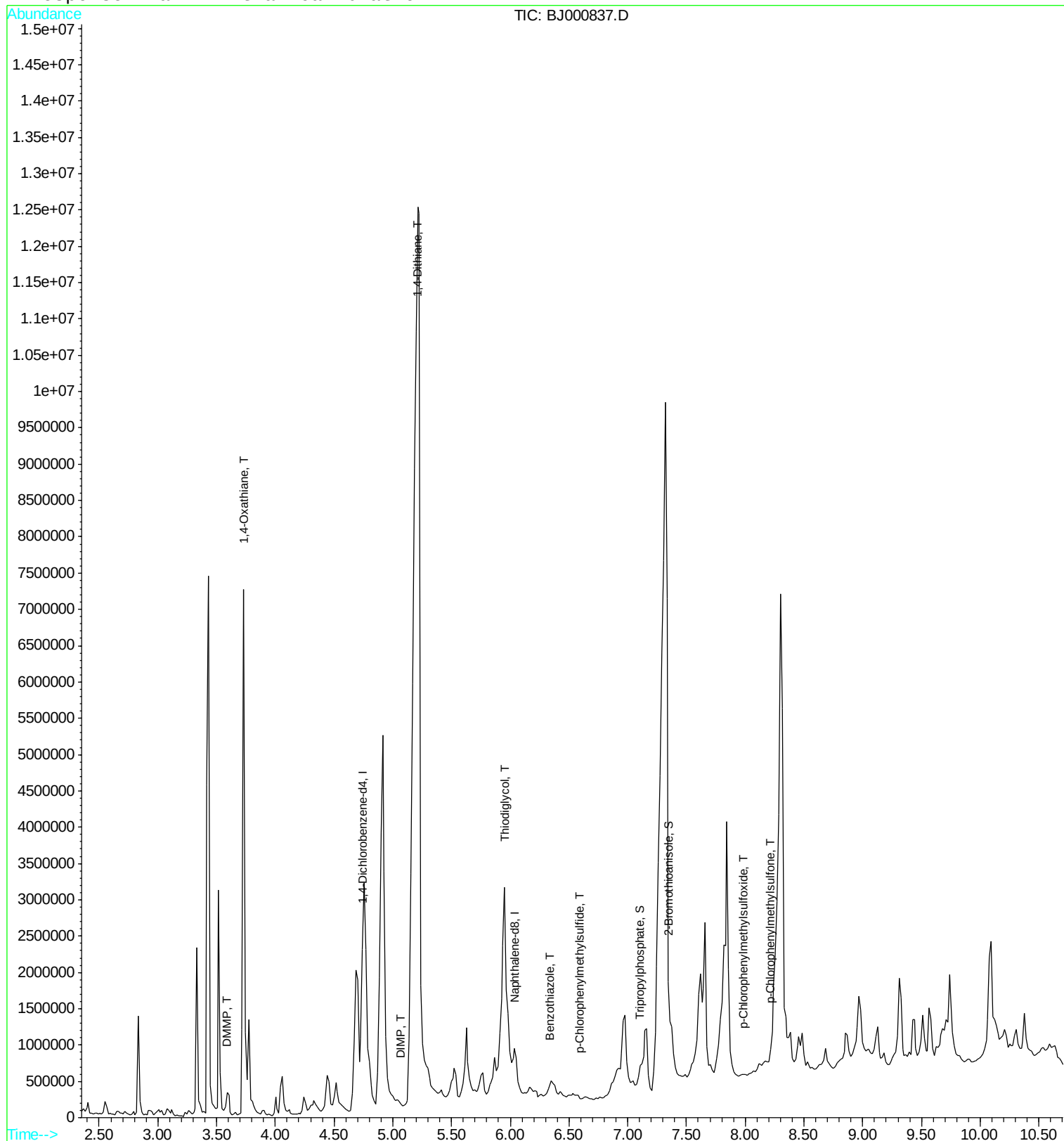
	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.59	79	15001	0.33	ug/mL#	19
4) DIMP	5.07	97	12662	0.08	ug/mL#	1
5) 1,4-Oxathiane	3.73	46	2765851	39.20	ug/mL#	64
7) 1,4-Dithiane	5.21	46	7436939	131.31	ug/mL#	79
8) Thiodiglycol	5.95	61	298567	6.74	ug/mL#	11
9) Benzothiazole	6.34	135	5700	0.03	ug/mL#	1
11) p-Chlorophenylmethyldisulfide	6.59	158	5032	0.03	ug/mL#	1
13) p-Chlorophenylmethyldisulfoxide	7.99	159	1815	0.02	ug/mL#	42
14) p-Chlorophenylmethyldisulfonate	8.21	111	3513	0.03	ug/mL#	66

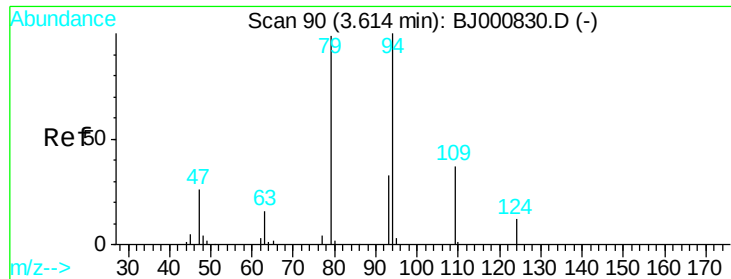
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#3

DMMP

Concen: 0.33 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. -0.02 min

Lab File: BJ000837.D

Acq: 27 Apr 2012 22:13

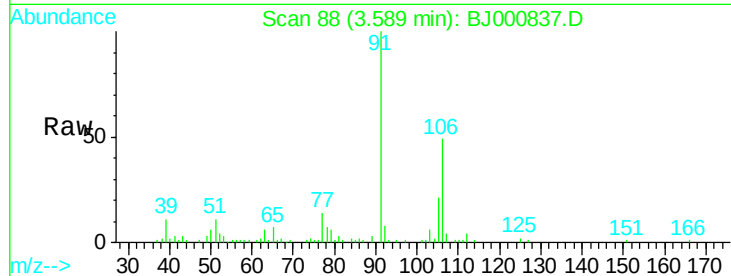
Tgt Ion: 79 Resp: 15001

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 19.7 17.5 57.5

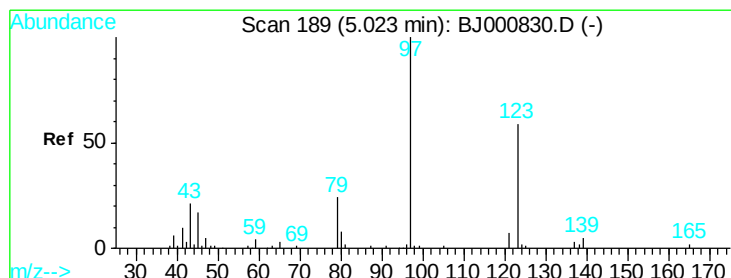
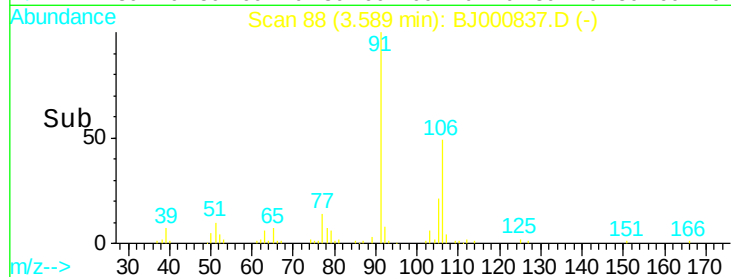
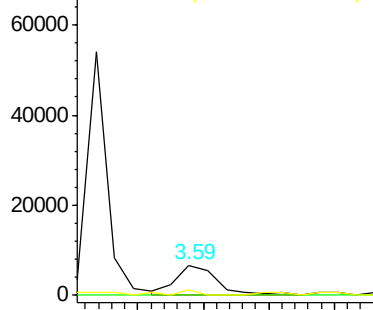


Abundance

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: 0.08 ug/mL

RT: 5.07 min Scan# 192

Delta R.T. 0.05 min

Lab File: BJ000837.D

Acq: 27 Apr 2012 22:13

Tgt Ion: 97 Resp: 12662

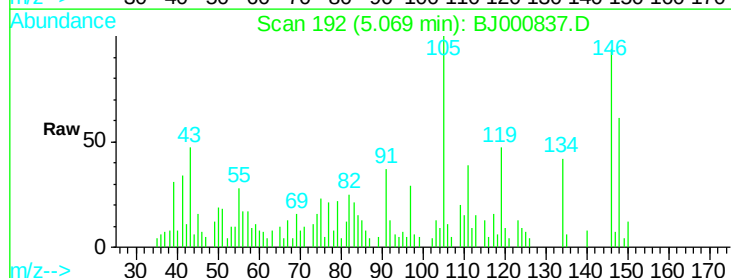
Ion Ratio Lower Upper

97 100

123 45.6 39.1 79.1

43 164.7 0.9 40.9#

41 119.5 0.0 30.0#



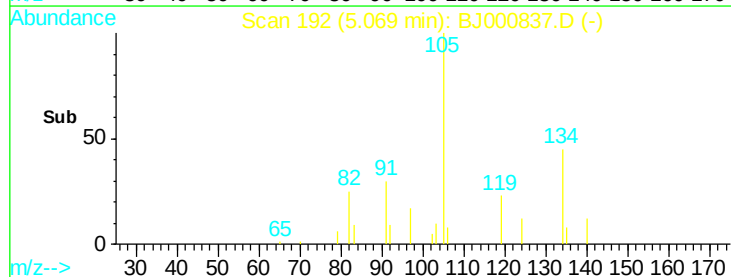
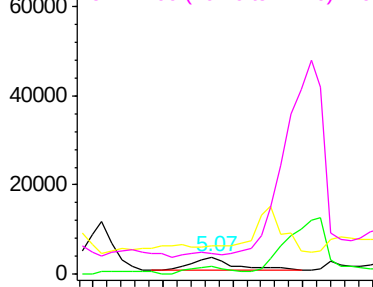
Abundance

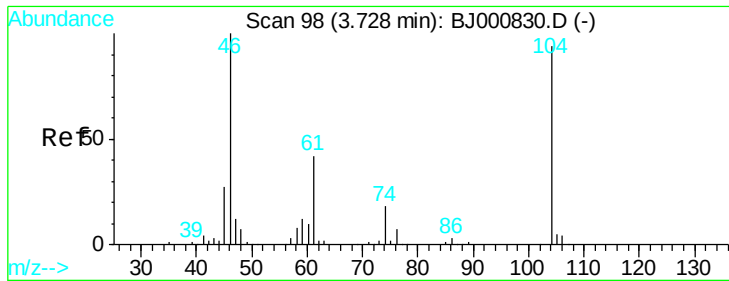
Ion 97.00 (96.70 to 97.70): BJ0

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: 39.20 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000837.D

Acq: 27 Apr 2012 22:13

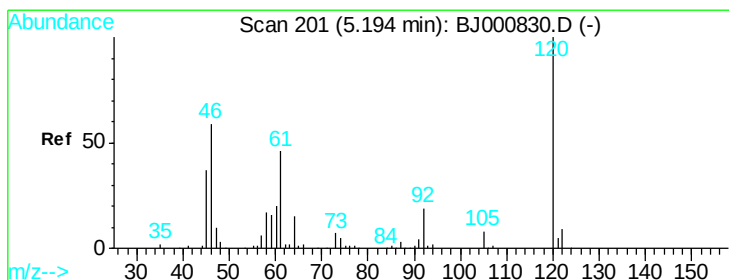
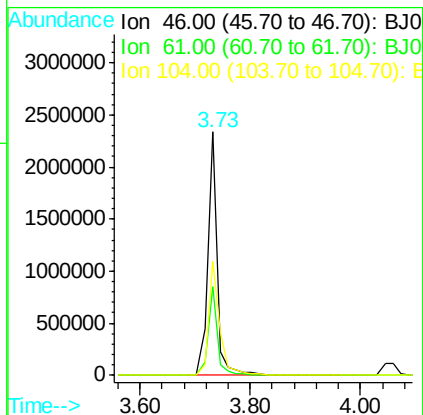
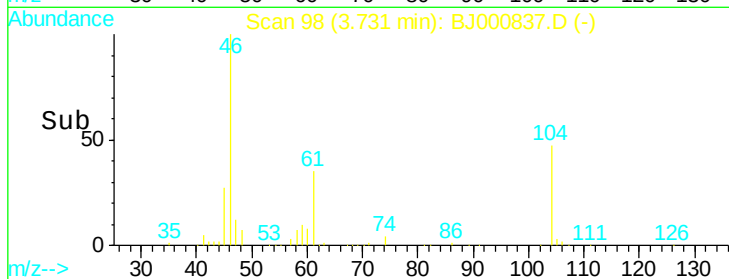
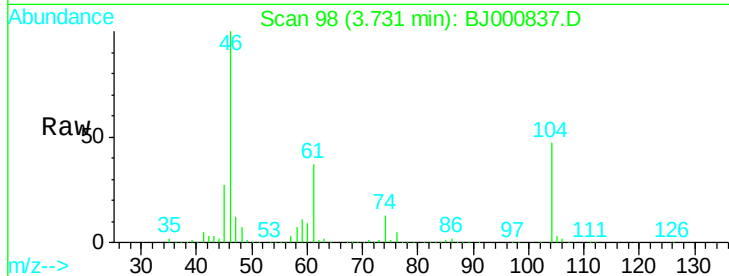
Tgt Ion: 46 Resp: 2765851

Ion Ratio Lower Upper

46 100

61 36.7 22.0 62.0

104 46.9 73.6 113.6#



#7

1,4-Dithiane

Concen: 131.31 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.02 min

Lab File: BJ000837.D

Acq: 27 Apr 2012 22:13

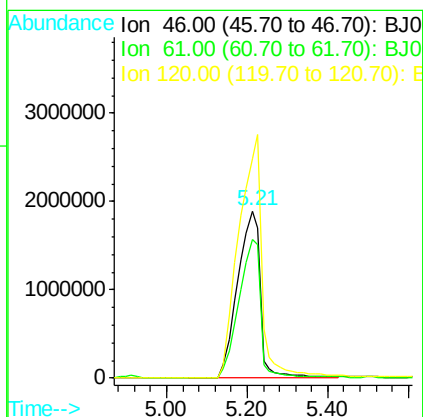
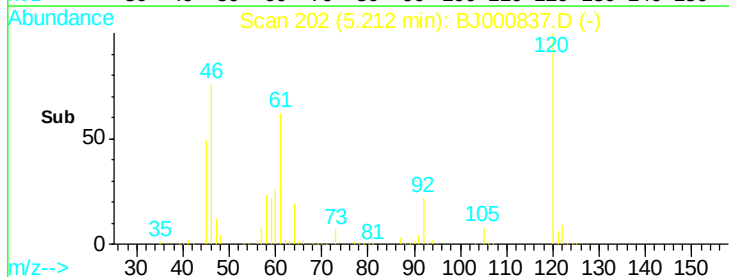
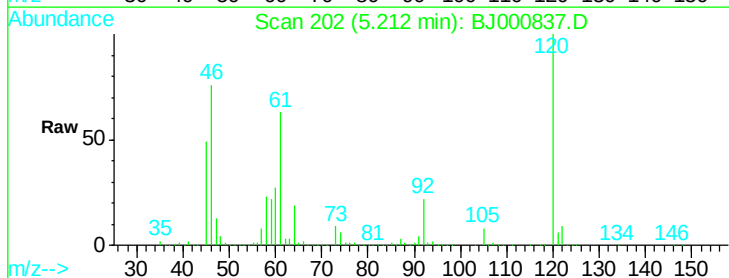
Tgt Ion: 46 Resp: 7436939

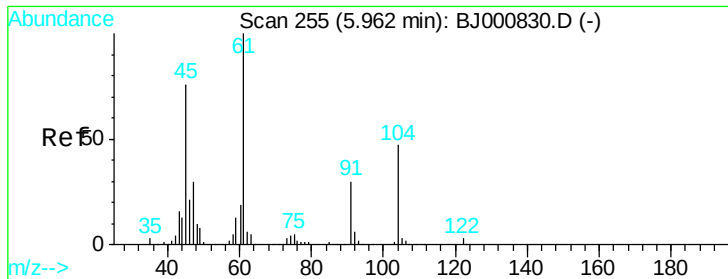
Ion Ratio Lower Upper

46 100

61 82.5 56.7 96.7

120 131.4 148.6 188.6#





#8

Thiodiglycol

Concen: 6.74 ug/mL

RT: 5.95 min Scan# 254

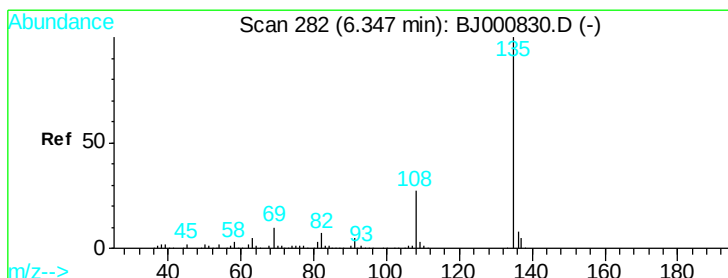
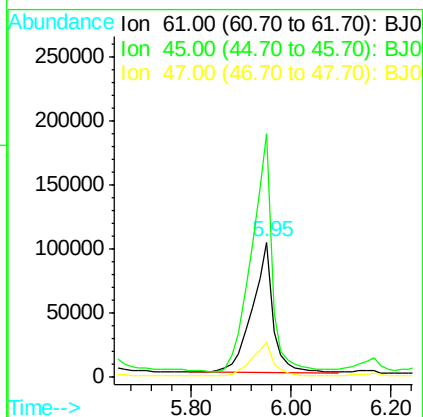
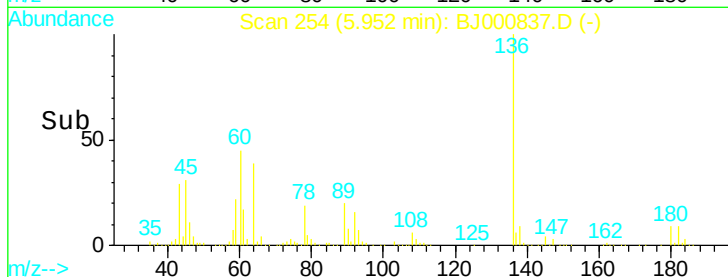
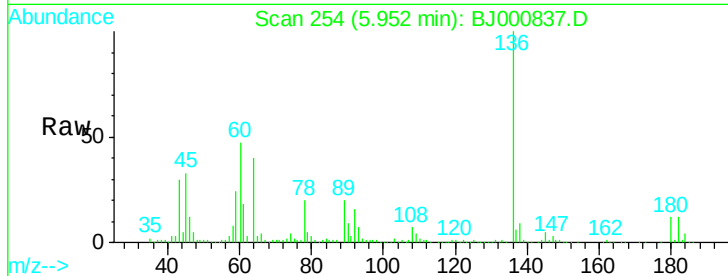
Delta R.T. -0.01 min

Lab File: BJ000837.D

Acq: 27 Apr 2012 22:13

Tgt Ion: 61 Resp: 298567

Ion	Ratio	Lower	Upper
61	100		
45	180.2	56.4	96.4#
47	26.2	10.1	50.1



#9

Benzothiazole

Concen: 0.03 ug/mL

RT: 6.34 min Scan# 281

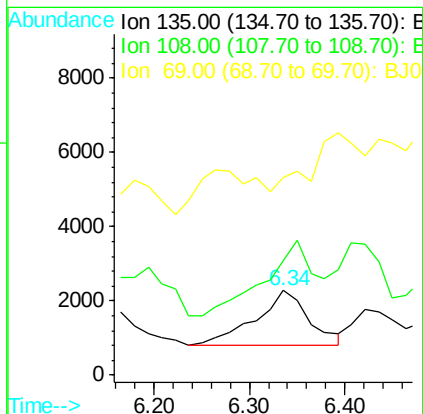
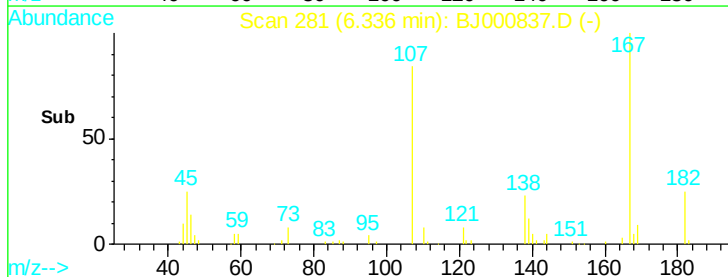
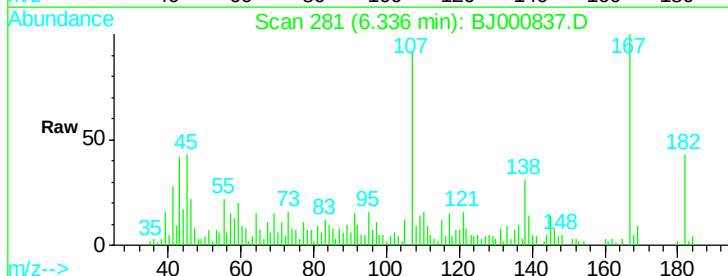
Delta R.T. -0.01 min

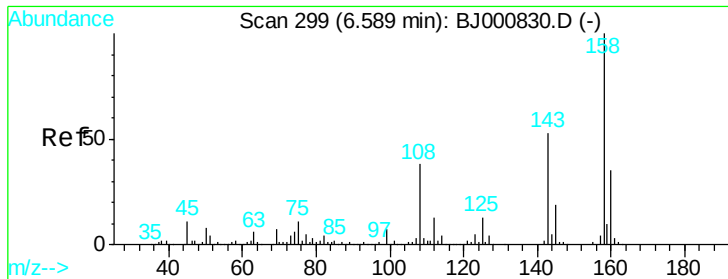
Lab File: BJ000837.D

Acq: 27 Apr 2012 22:13

Tgt Ion:135 Resp: 5700

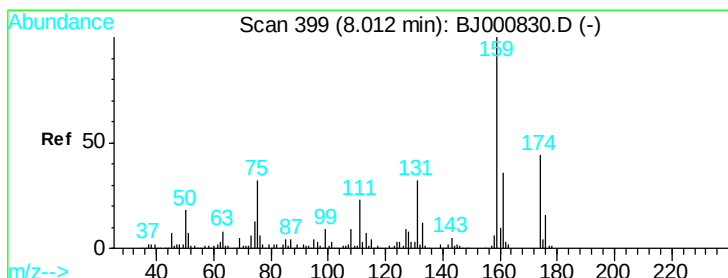
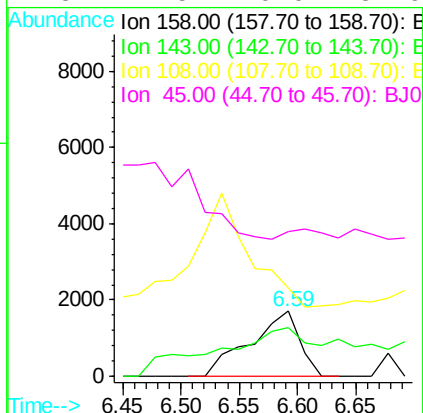
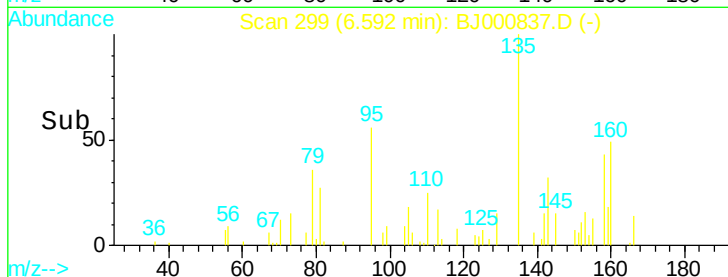
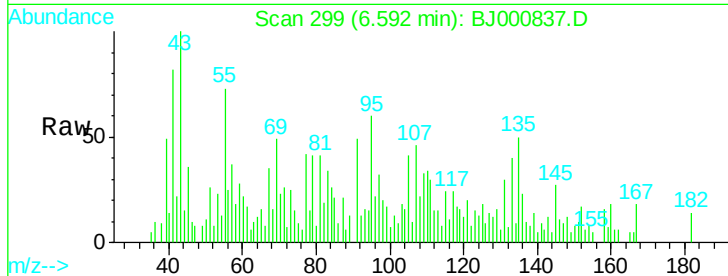
Ion	Ratio	Lower	Upper
135	100		
108	136.2	7.0	47.0#
69	234.4	0.0	30.4#





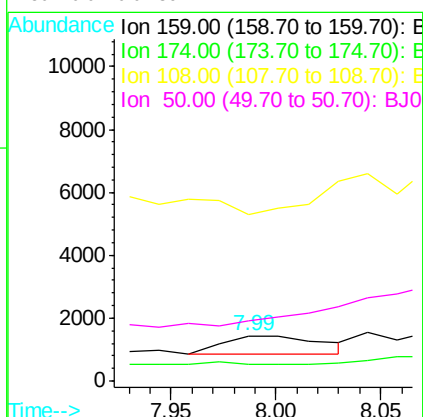
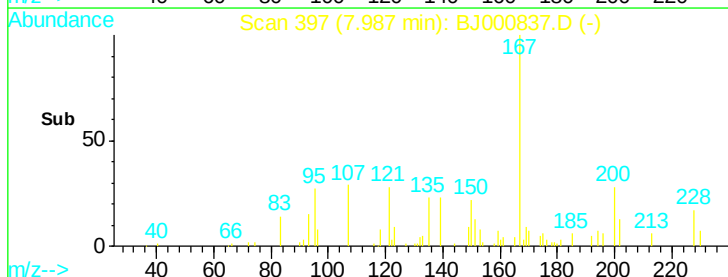
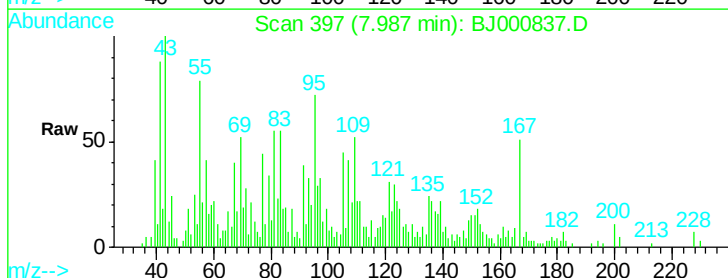
#11
p-Chlorophenylmethylsulfide
Concen: 0.03 ug/mL
RT: 6.59 min Scan# 299
Delta R.T. 0.00 min
Lab File: BJ000837.D
Acq: 27 Apr 2012 22:13

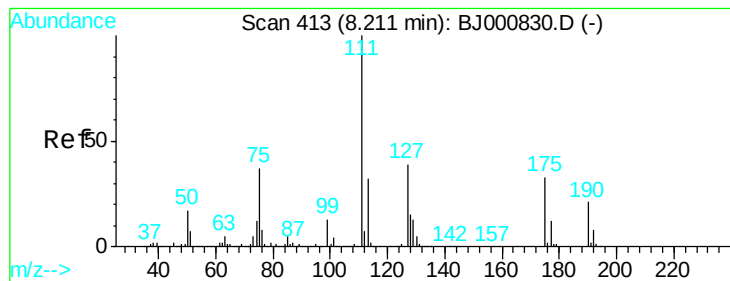
Tgt Ion:	158	Resp:	5032
Ion Ratio	Lower	Upper	
158	100		
143	73.9	32.7	72.7#
108	135.1	18.7	58.7#
45	222.5	0.0	31.9#



#13
p-Chlorophenylmethylsulfoxide
Concen: 0.02 ug/mL
RT: 7.99 min Scan# 397
Delta R.T. -0.02 min
Lab File: BJ000837.D
Acq: 27 Apr 2012 22:13

Tgt Ion:	159	Resp:	1815
Ion Ratio	Lower	Upper	
159	100		
174	0.0	28.0	68.0#
108	0.0	0.0	28.5
50	0.0	0.0	36.1





#14

p-Chlorophenylmethylsulfone

Concen: 0.03 ug/mL

RT: 8.21 min Scan# 413

Delta R.T. 0.00 min

Lab File: BJ000837.D

Acq: 27 Apr 2012 22:13

Tgt Ion:111 Resp: 3513

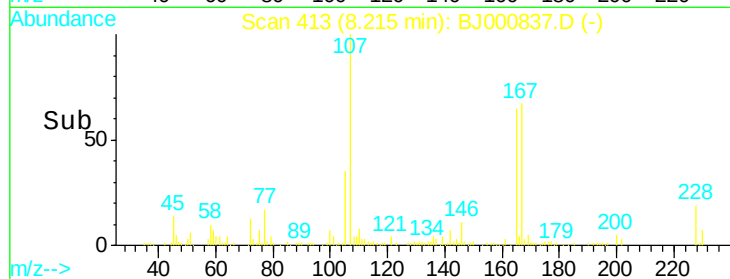
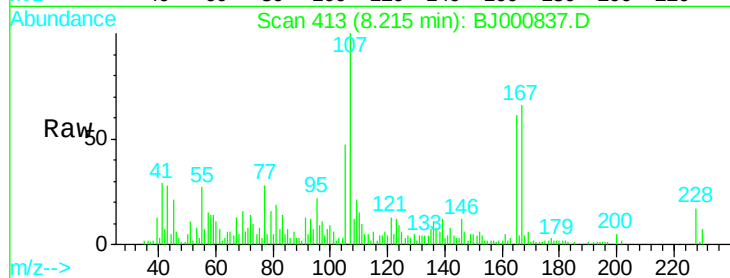
Ion Ratio Lower Upper

111 100

75 84.9 18.5 58.5#

127 38.8 19.3 59.3

190 11.7 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

