

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000838.D
 Acq On : 27 Apr 2012 22:31
 Sample : 2330-20
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:31 2012

Vial: 17
 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	206521	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.04	136	816532	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.12	99	151174	0.54	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	108.00%
12) 2-Bromothioanisole	7.35	204	243760	4.55	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%

Target Compounds

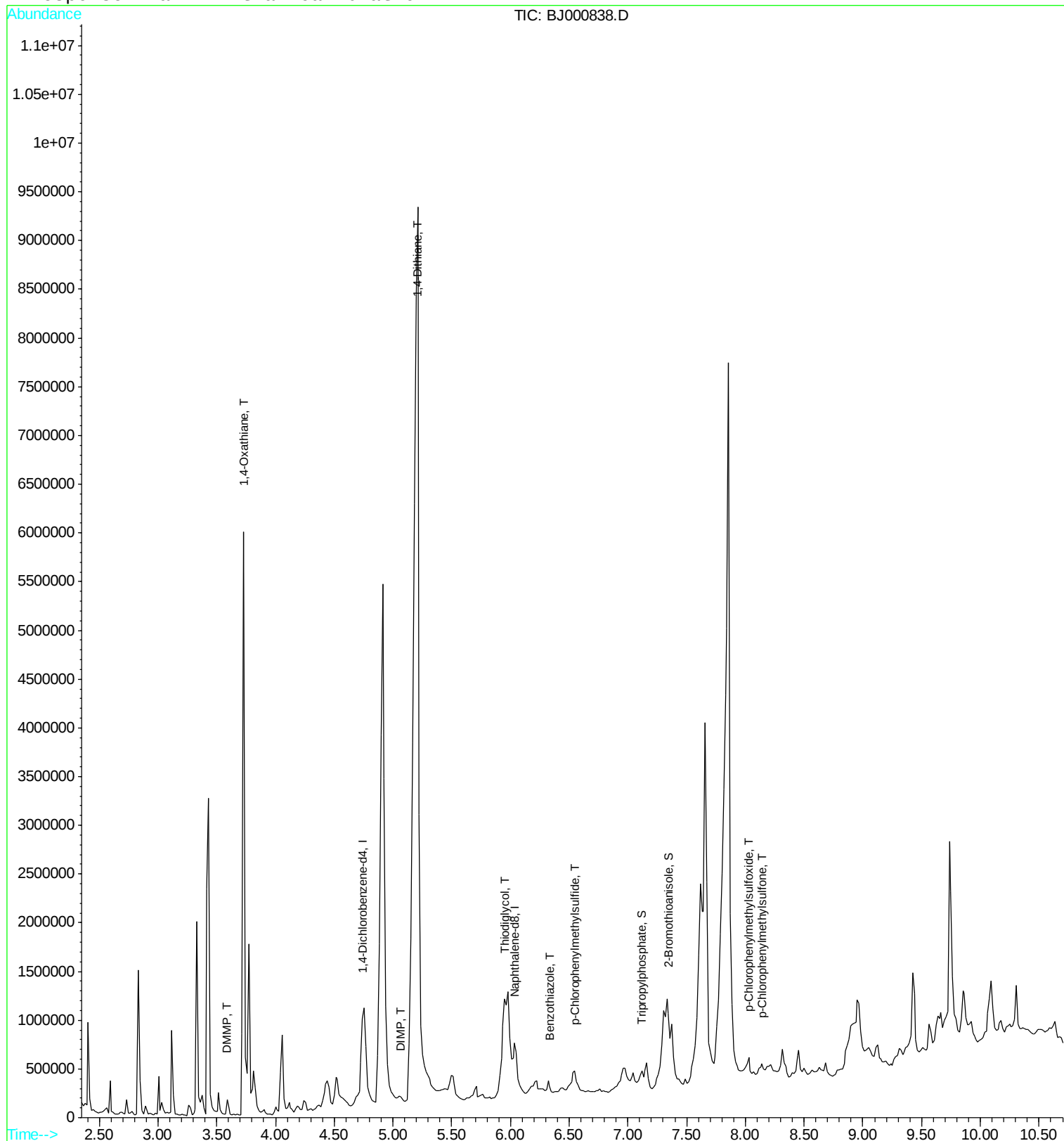
	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.59	79	4844	0.17	ug/mL#	10
4) DIMP	5.07	97	59103	0.33	ug/mL#	60
5) 1,4-Oxathiane	3.73	46	2132376	29.11	ug/mL#	69
7) 1,4-Dithiane	5.21	46	4315984	80.02	ug/mL	90
8) Thiodiqlvcol	5.95	61	78707	3.11	ug/mL#	25
9) Benzothiazole	6.33	135	7328	0.04	ug/mL#	1
11) p-ChlorophenylmethyIsulfid	6.55	158	4962	0.04	ug/mL#	1
13) p-ChlorophenylmethyIsulfox	8.03	159	1389	0.02	ug/mL#	12
14) p-ChlorophenylmethyIsulfon	8.14	111	10997	0.10	ug/mL#	72

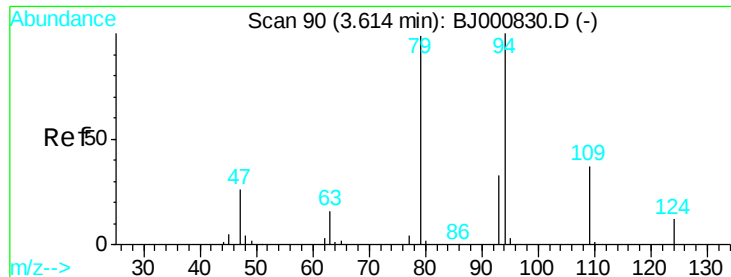
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#3

DMMP

Concen: 0.17 ug/mL

RT: 3.59 min Scan# 88

Delta R.T. -0.03 min

Lab File: BJ000838.D

Acq: 27 Apr 2012 22:31

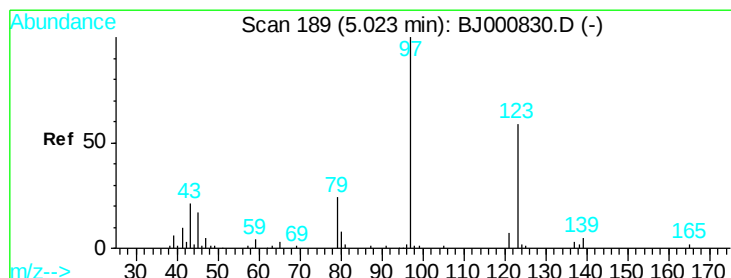
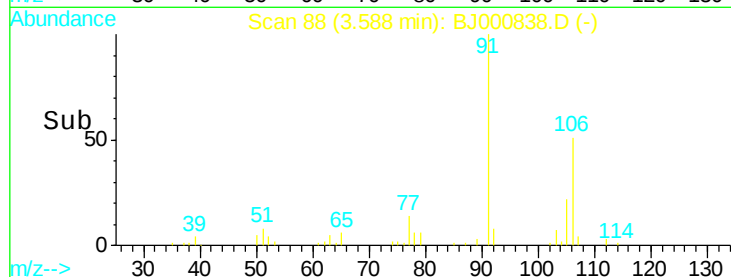
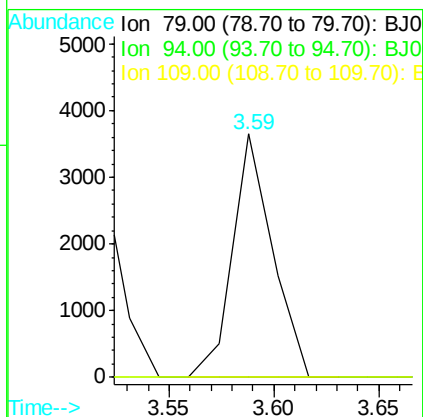
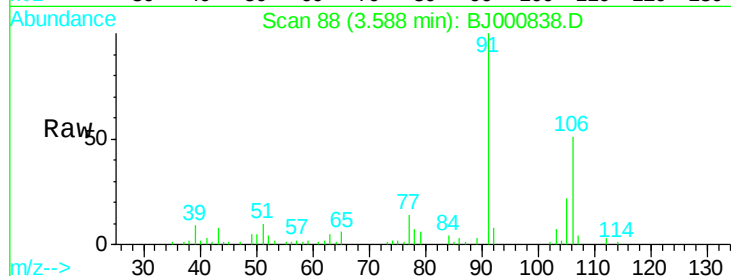
Tgt Ion: 79 Resp: 4844

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#



#4

DIMP

Concen: 0.33 ug/mL

RT: 5.07 min Scan# 192

Delta R.T. 0.04 min

Lab File: BJ000838.D

Acq: 27 Apr 2012 22:31

Tgt Ion: 97 Resp: 59103

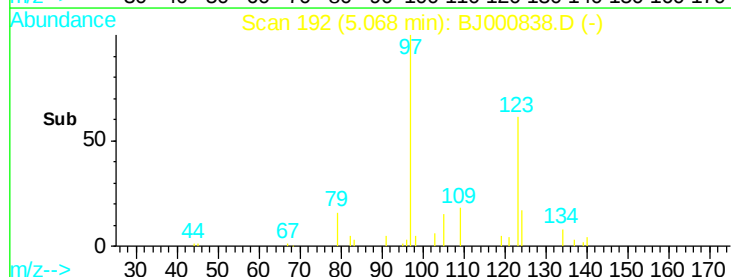
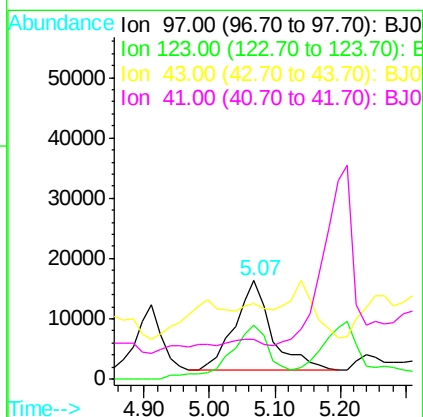
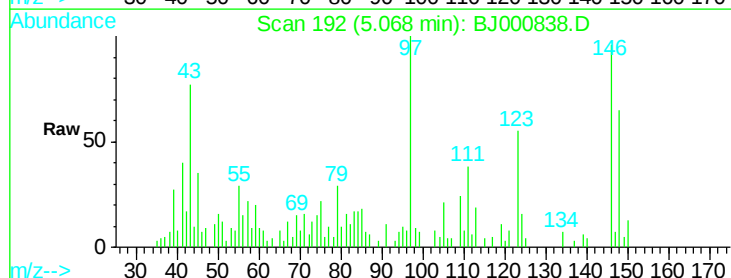
Ion Ratio Lower Upper

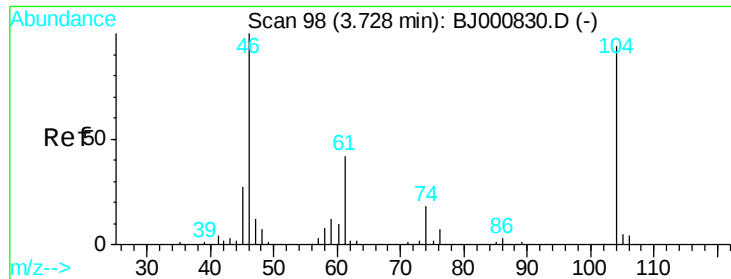
97 100

123 55.2 39.1 79.1

43 77.3 0.9 40.9#

41 40.2 0.0 30.0#





#5

1,4-Oxathiane

Concen: 29.11 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000838.D

Acq: 27 Apr 2012 22:31

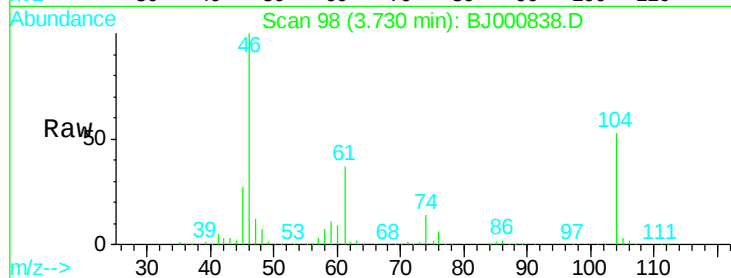
Tgt Ion: 46 Resp: 2132376

Ion Ratio Lower Upper

46 100

61 37.1 22.0 62.0

104 53.5 73.6 113.6#

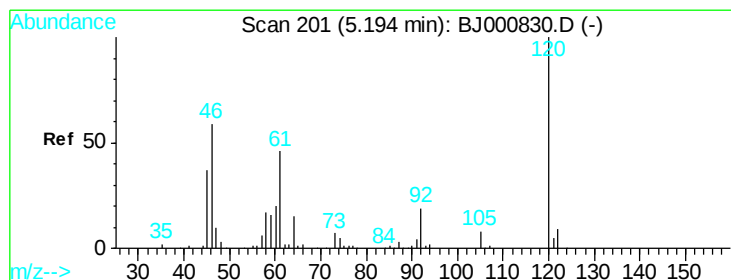
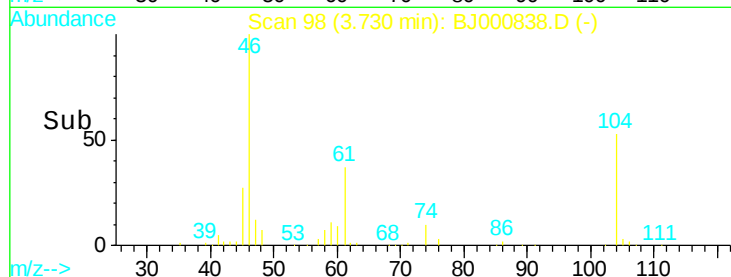
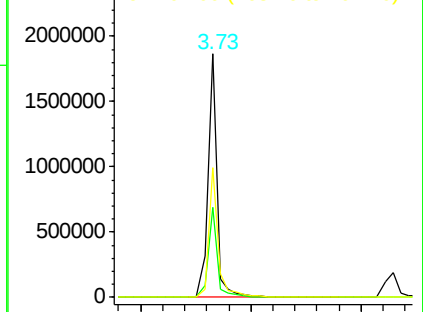


Abundance

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: 80.02 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.02 min

Lab File: BJ000838.D

Acq: 27 Apr 2012 22:31

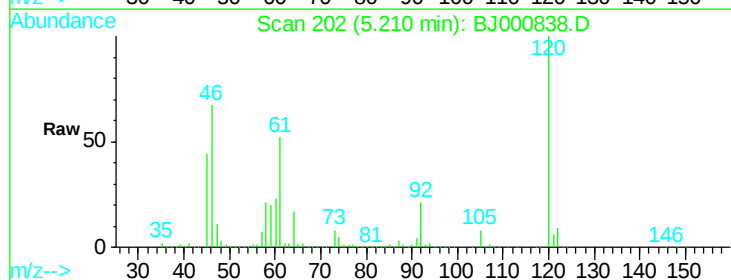
Tgt Ion: 46 Resp: 4315984

Ion Ratio Lower Upper

46 100

61 78.6 56.7 96.7

120 149.8 148.6 188.6

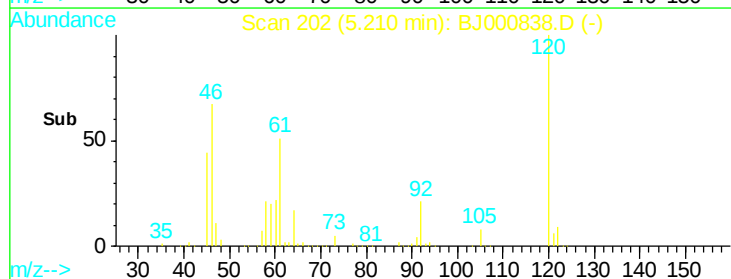
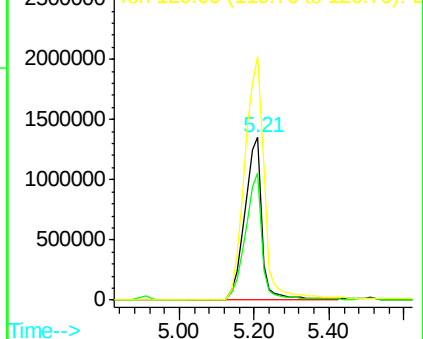


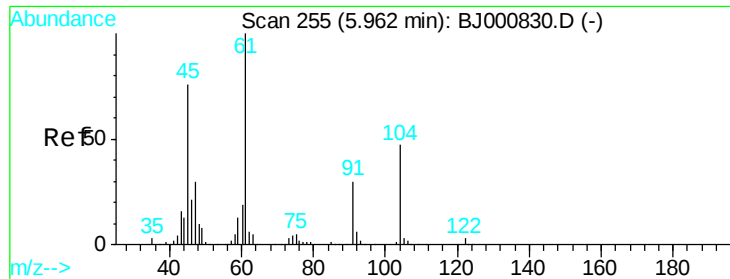
Abundance

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: 3.11 ug/mL

RT: 5.95 min Scan# 254

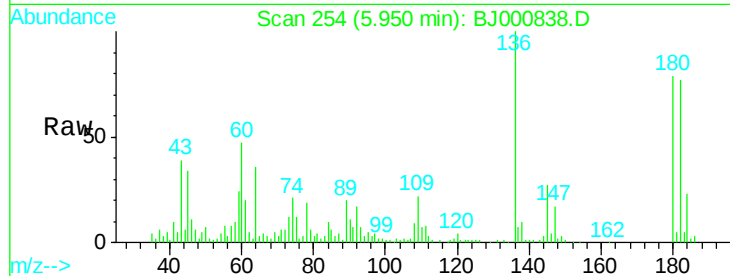
Delta R.T. -0.01 min

Lab File: BJ000838.D

Acq: 27 Apr 2012 22:31

Tgt Ion: 61 Resp: 78707

Ion	Ratio	Lower	Upper
61	100		
45	166.1	56.4	96.4#
47	29.8	10.1	50.1

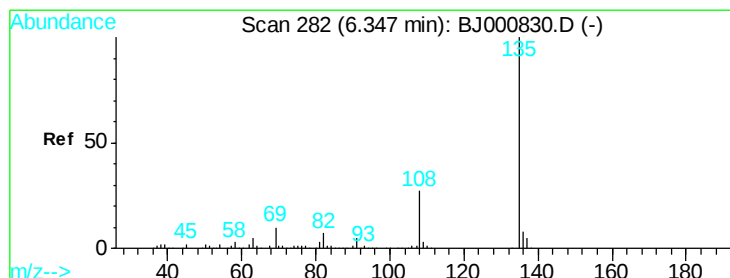
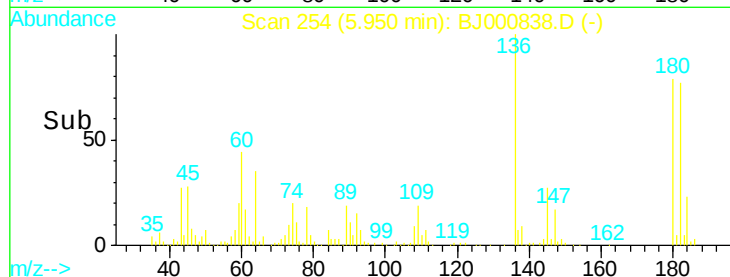
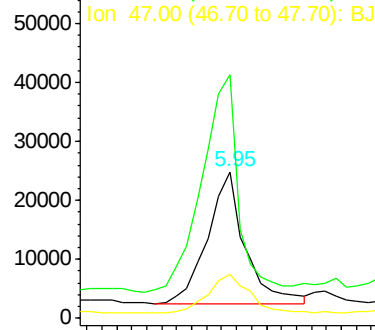


Abundance

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: 0.04 ug/mL

RT: 6.33 min Scan# 281

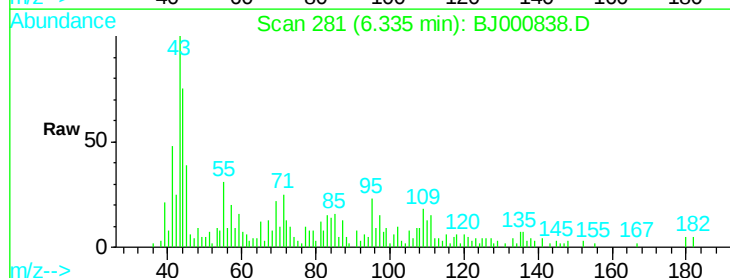
Delta R.T. -0.01 min

Lab File: BJ000838.D

Acq: 27 Apr 2012 22:31

Tgt Ion: 135 Resp: 7328

Ion	Ratio	Lower	Upper
135	100		
108	125.6	7.0	47.0#
69	296.3	0.0	30.4#

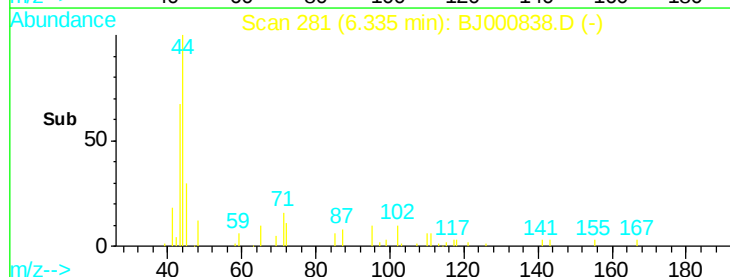
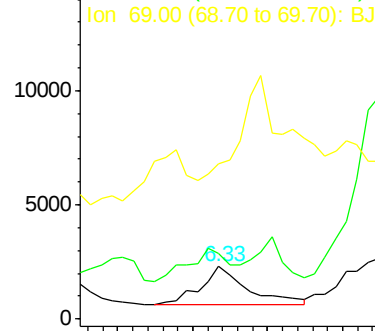


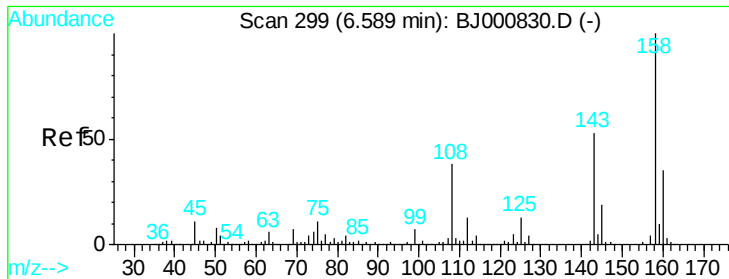
Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

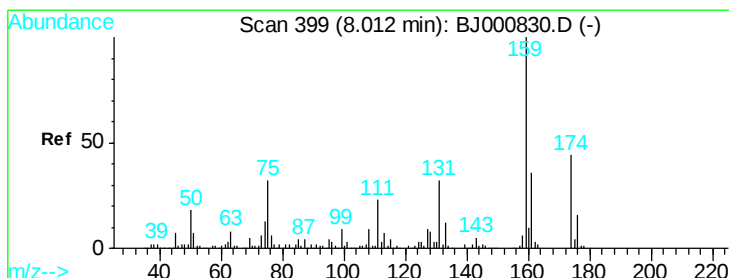
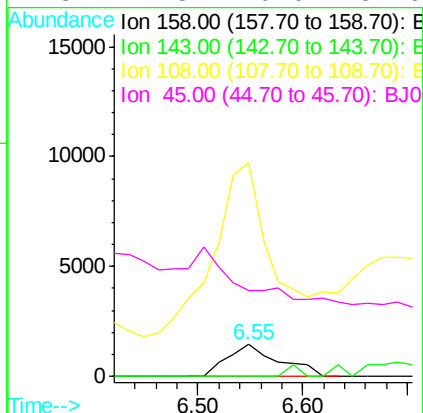
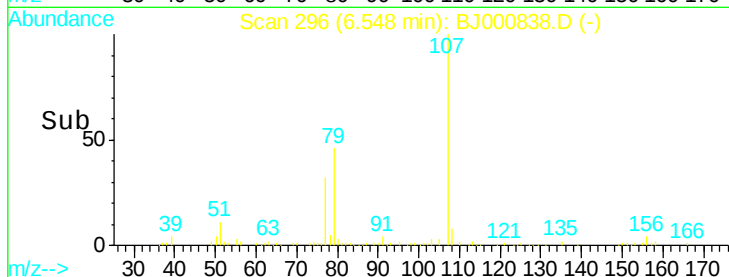
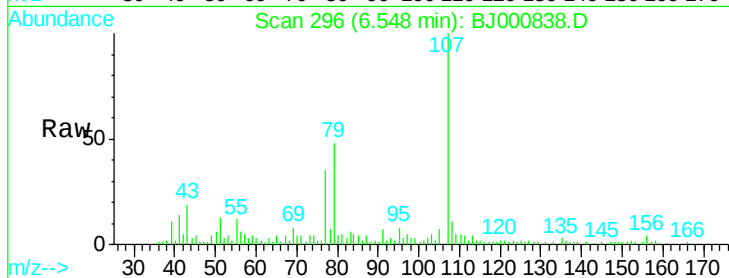
Ion 69.00 (68.70 to 69.70): BJ0





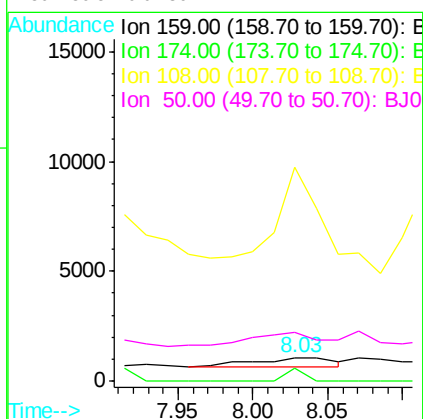
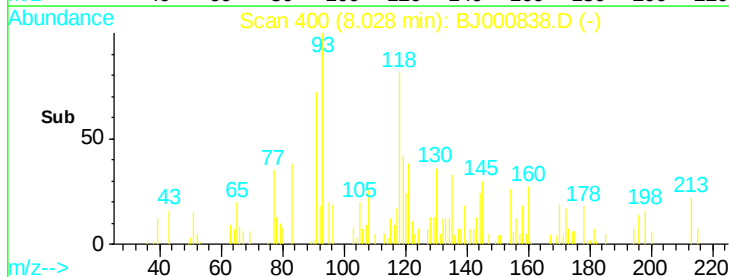
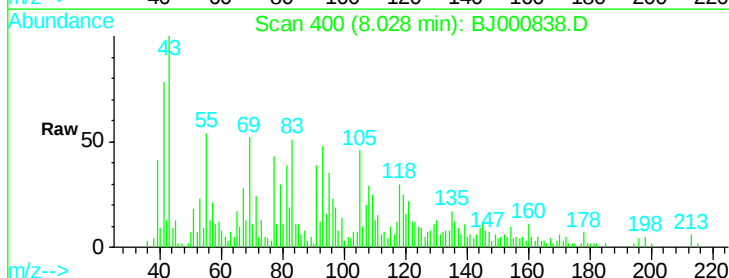
#11
p-Chlorophenylmethylsulfide
Concen: 0.04 ug/mL
RT: 6.55 min Scan# 296
Delta R.T. -0.04 min
Lab File: BJ000838.D
Acq: 27 Apr 2012 22:31

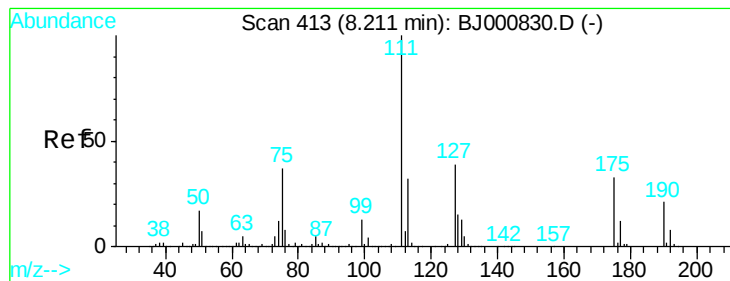
Tgt Ion:158 Resp: 4962
Ion Ratio Lower Upper
158 100
143 0.0 32.7 72.7#
108 677.7 18.7 58.7#
45 271.8 0.0 31.9#



#13
p-Chlorophenylmethylsulfoxide
Concen: 0.02 ug/mL
RT: 8.03 min Scan# 400
Delta R.T. 0.02 min
Lab File: BJ000838.D
Acq: 27 Apr 2012 22:31

Tgt Ion:159 Resp: 1389
Ion Ratio Lower Upper
159 100
174 35.6 28.0 68.0
108 0.0 0.0 28.5
50 156.5 0.0 36.1#





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.10 ug/mL
 RT: 8.14 min Scan# 408
 Delta R.T. -0.07 min
 Lab File: BJ000838.D
 Acq: 27 Apr 2012 22:31

Tgt Ion:	111	Resp:	10997
Ion Ratio	Lower	Upper	
111	100		
75	15.7	18.5	58.5#
127	46.0	19.3	59.3
190	0.0	0.9	40.9#

