

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000839.D
 Acq On : 27 Apr 2012 22:49
 Sample : 2330-21
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:31 2012

Vial: 18
 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	202091	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	856405	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.11	99	176091	0.60	ug/mL	0.03
Spiked Amount	0.500	Range	70 - 130	Recovery	=	120.00%
12) 2-Bromothioanisole	7.34	204	278083	4.95	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%

Target Compounds

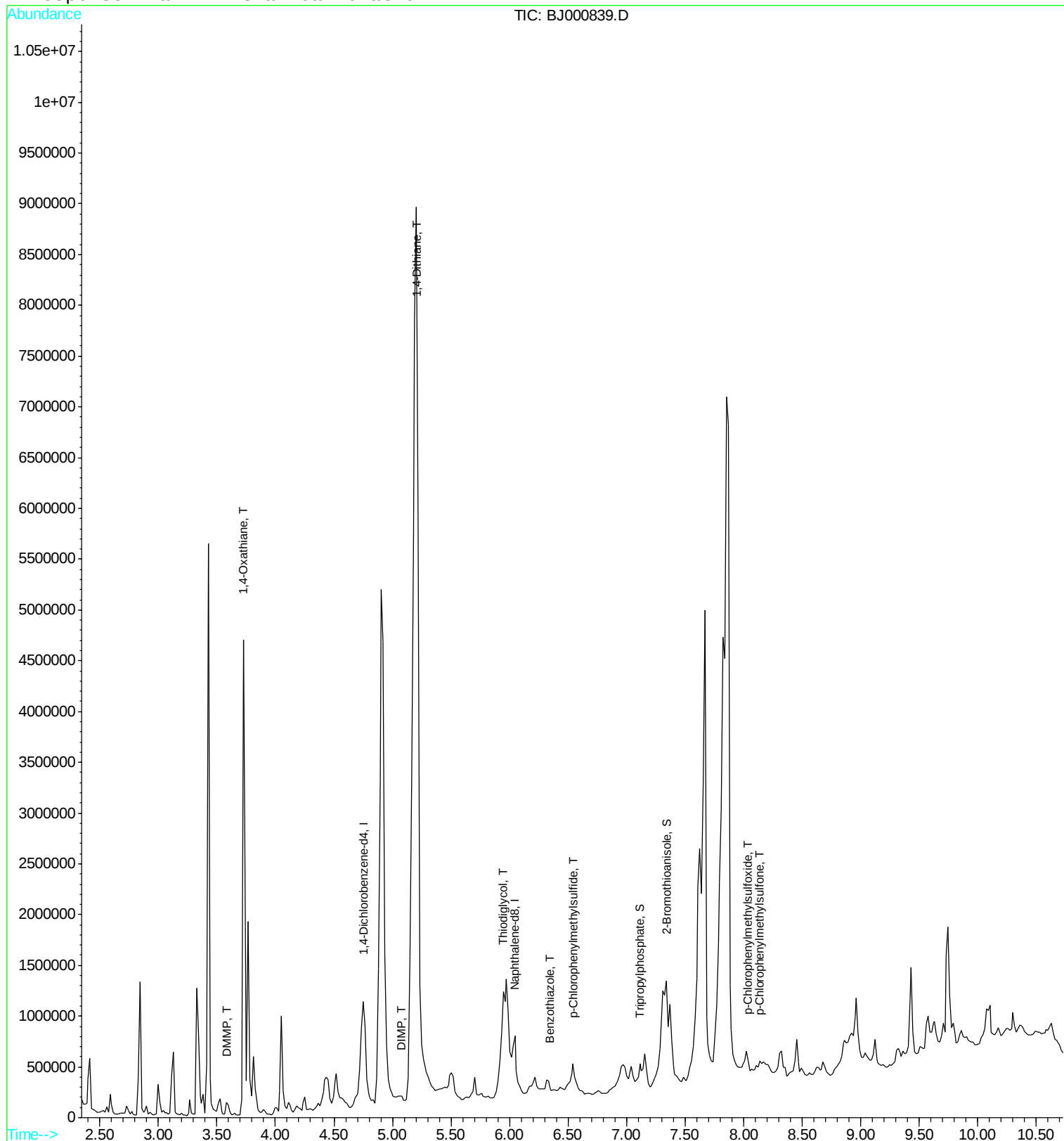
	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.58	79	5102	0.18	ug/mL#	10
4) DIMP	5.08	97	69288	0.40	ug/mL#	70
5) 1,4-Oxathiane	3.73	46	1868203	26.06	ug/mL#	61
7) 1,4-Dithiane	5.21	46	4350701	76.91	ug/mL	92
8) Thiodiglycol	5.95	61	81887	3.10	ug/mL#	21
9) Benzothiazole	6.34	135	5599	0.03	ug/mL#	1
11) p-Chlorophenylmethylsulfid	6.54	158	4400	0.03	ug/mL#	1
13) p-Chlorophenylmethylsulfox	8.04	159	3337	0.04	ug/mL#	16
14) p-Chlorophenylmethylsulfon	8.14	111	10784	0.09	ug/mL#	70

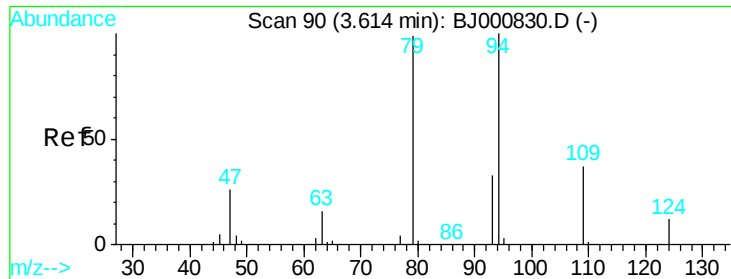
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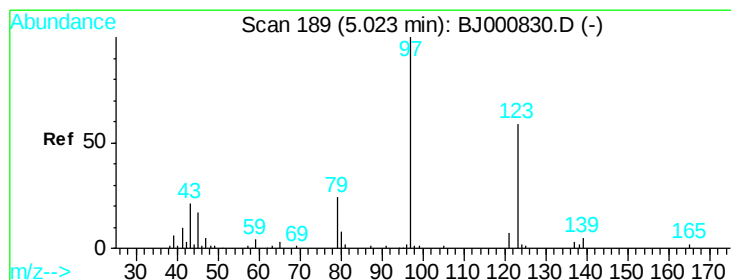
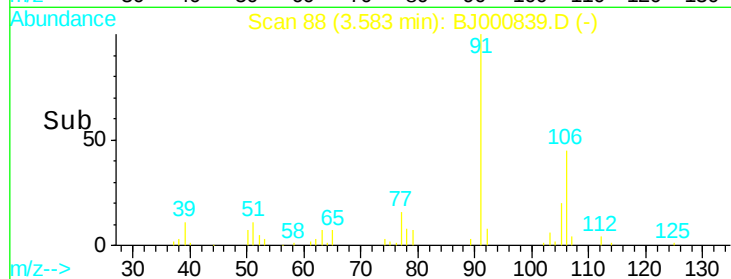
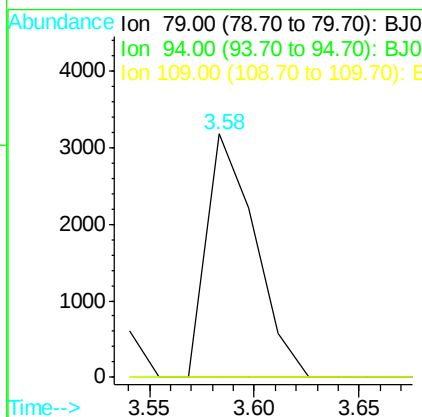
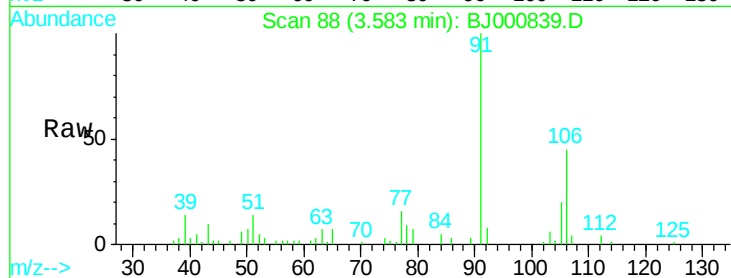
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
Title : CWA degradation products by GCMS
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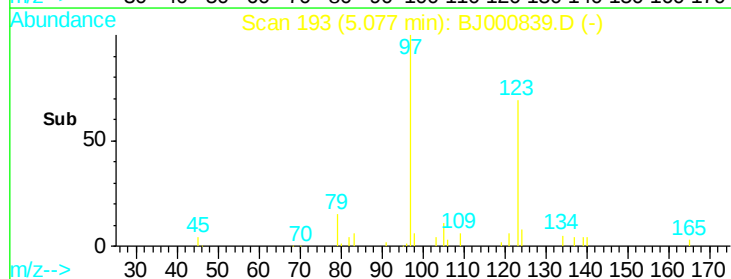
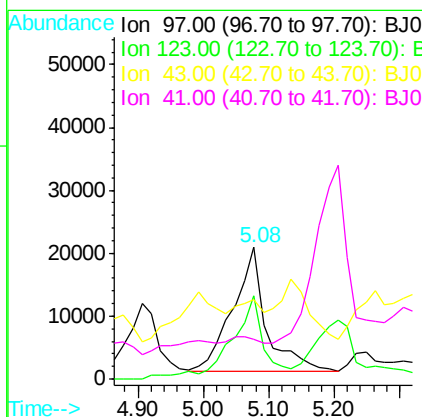
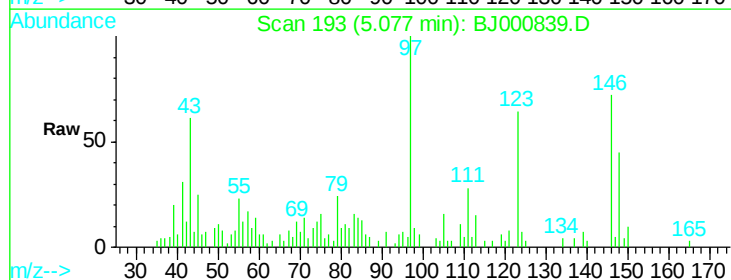
#3
DMMP
Concen: 0.18 ug/mL
RT: 3.58 min Scan# 88
Delta R.T. -0.03 min
Lab File: BJ000839.D
Acq: 27 Apr 2012 22:49

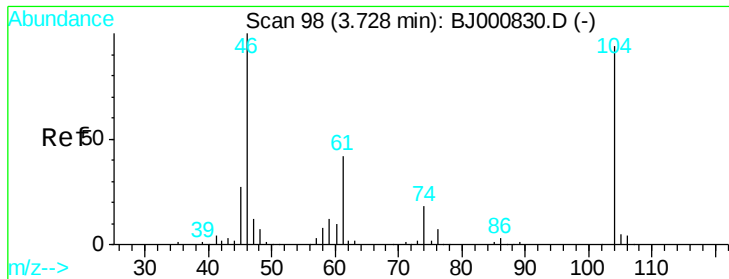
Tgt Ion: 79 Resp: 5102
Ion Ratio Lower Upper
79 100
94 0.0 80.8 120.8#
109 0.0 17.5 57.5#



#4
DIMP
Concen: 0.40 ug/mL
RT: 5.08 min Scan# 193
Delta R.T. 0.05 min
Lab File: BJ000839.D
Acq: 27 Apr 2012 22:49

Tgt Ion: 97 Resp: 69288
Ion Ratio Lower Upper
97 100
123 63.7 39.1 79.1
43 60.6 0.9 40.9#
41 30.5 0.0 30.0#





#5

1,4-Oxathiane

Concen: 26.06 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. -0.00 min

Lab File: BJ000839.D

Acq: 27 Apr 2012 22:49

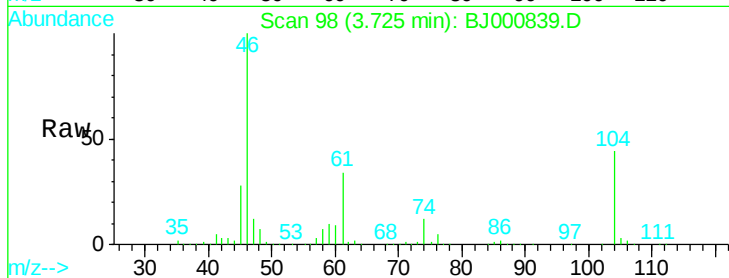
Tgt Ion: 46 Resp: 1868203

Ion Ratio Lower Upper

46 100

61 34.0 22.0 62.0

104 44.2 73.6 113.6#

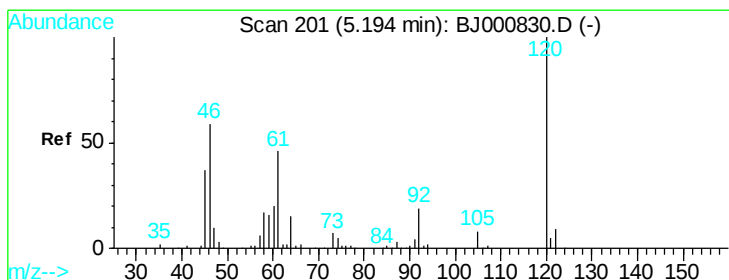
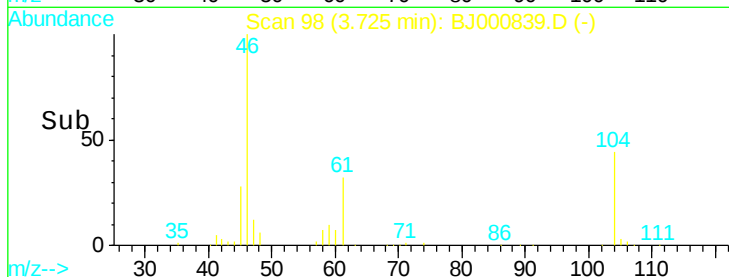
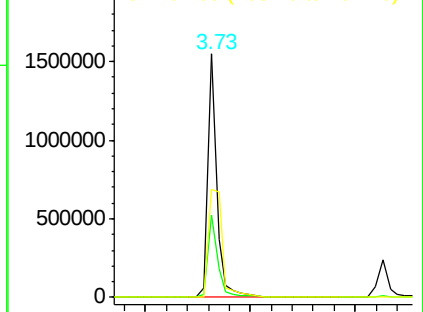


Abundance

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: 76.91 ug/mL

RT: 5.21 min Scan# 202

Delta R.T. 0.01 min

Lab File: BJ000839.D

Acq: 27 Apr 2012 22:49

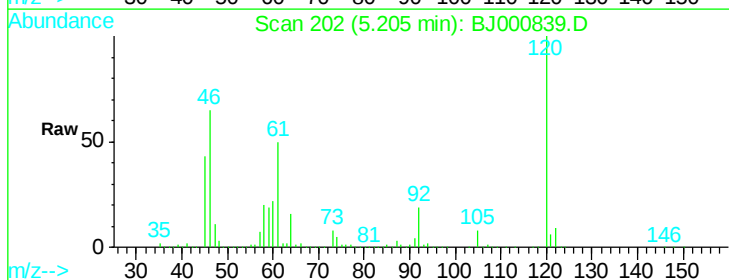
Tgt Ion: 46 Resp: 4350701

Ion Ratio Lower Upper

46 100

61 76.4 56.7 96.7

120 152.9 148.6 188.6

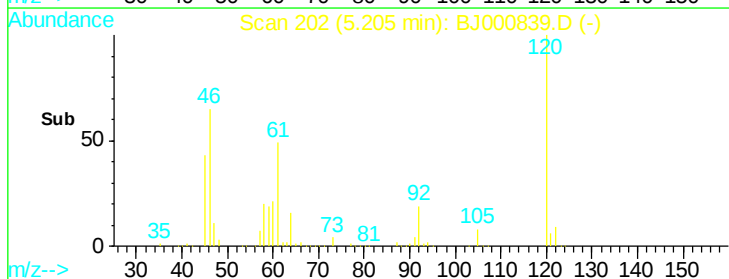
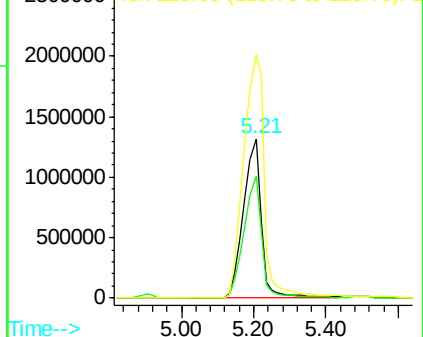


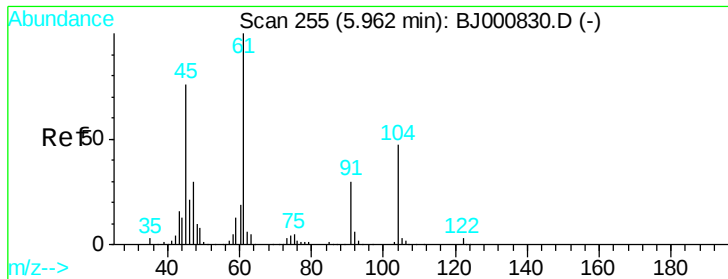
Abundance

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: 3.10 ug/mL

RT: 5.95 min Scan# 254

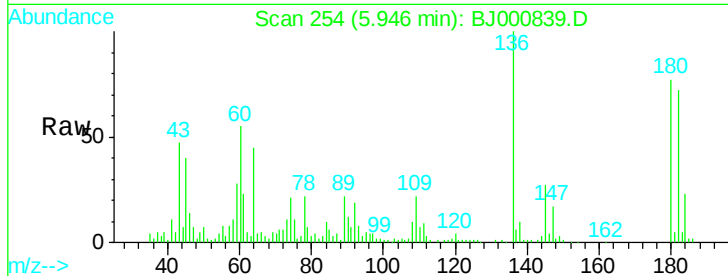
Delta R.T. -0.02 min

Lab File: BJ000839.D

Acq: 27 Apr 2012 22:49

Tgt Ion: 61 Resp: 81887

Ion	Ratio	Lower	Upper
61	100		
45	171.3	56.4	96.4#
47	29.6	10.1	50.1

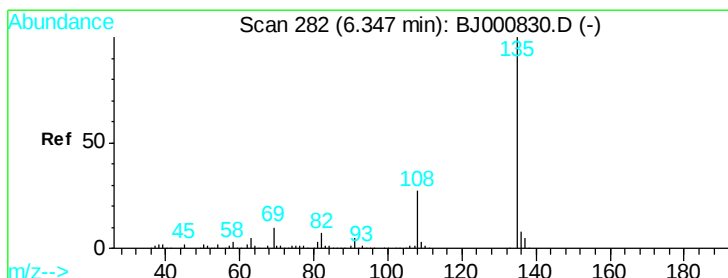
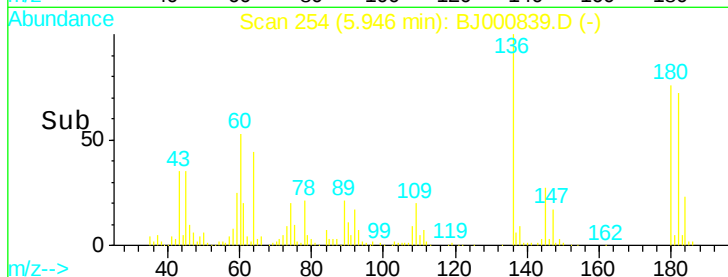
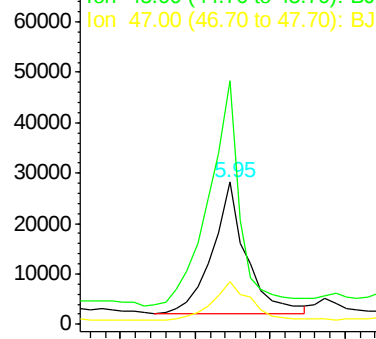


Abundance

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: 0.03 ug/mL

RT: 6.34 min Scan# 282

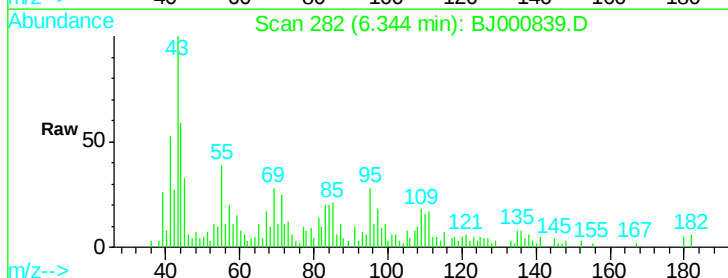
Delta R.T. -0.00 min

Lab File: BJ000839.D

Acq: 27 Apr 2012 22:49

Tgt Ion: 135 Resp: 5599

Ion	Ratio	Lower	Upper
135	100		
108	124.9	7.0	47.0#
69	361.9	0.0	30.4#

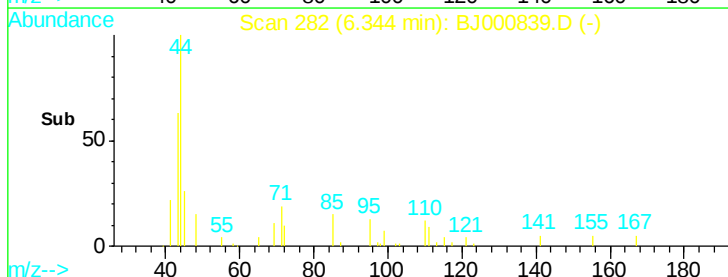
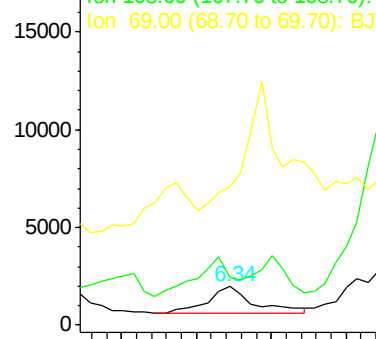


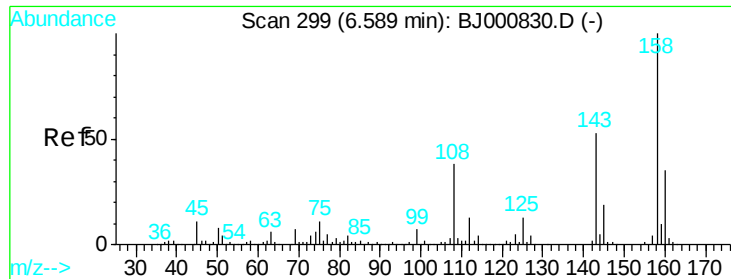
Abundance

Ion 135.00 (134.70 to 135.70): B

Ion 108.00 (107.70 to 108.70): B

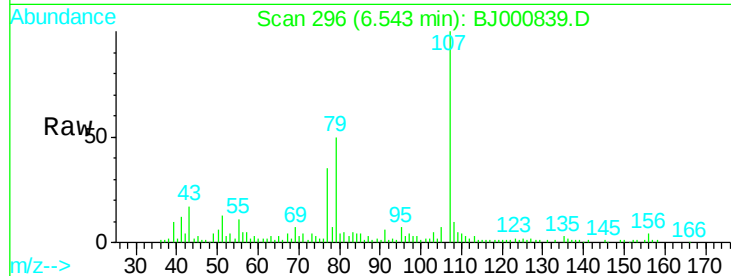
Ion 69.00 (68.70 to 69.70): BJ0





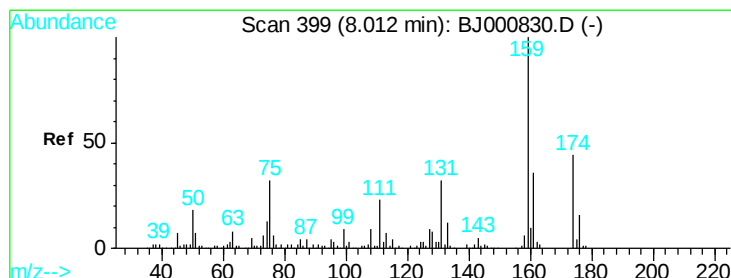
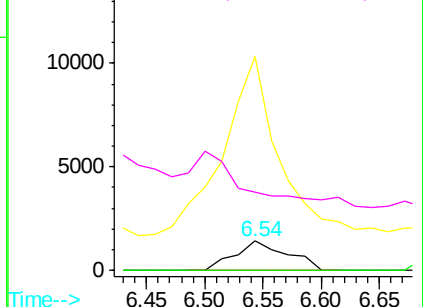
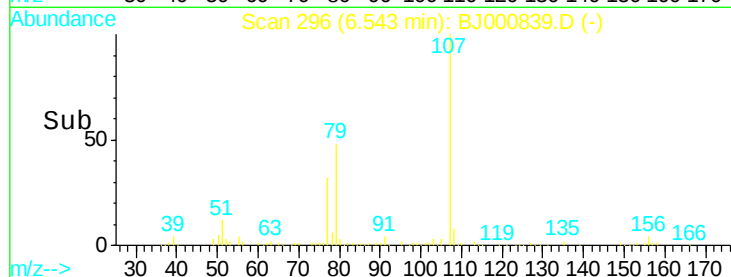
#11
p-Chlorophenylmethylsulfide
Concen: 0.03 ug/mL
RT: 6.54 min Scan# 296
Delta R.T. -0.05 min
Lab File: BJ000839.D
Acq: 27 Apr 2012 22:49

Tgt Ion:158 Resp: 4400
Ion Ratio Lower Upper
158 100
143 0.0 32.7 72.7#
108 731.8 18.7 58.7#
45 267.6 0.0 31.9#



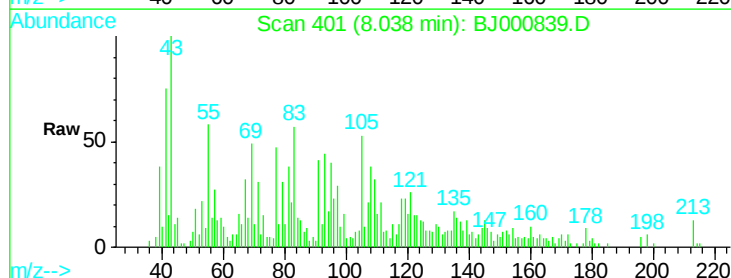
Abundance

Ion 158.00 (157.70 to 158.70): E
Ion 143.00 (142.70 to 143.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 45.00 (44.70 to 45.70): BJ0



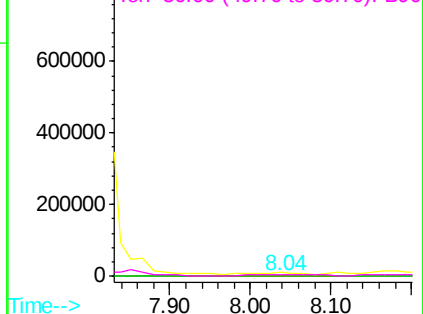
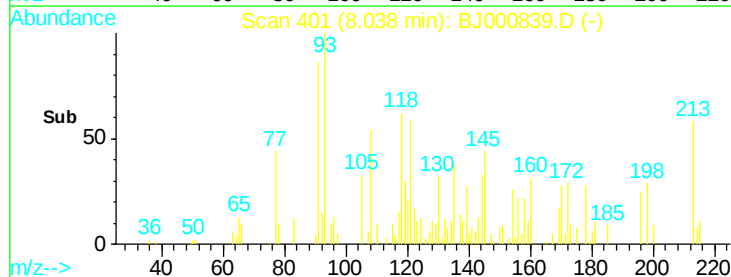
#13
p-Chlorophenylmethylsulfoxide
Concen: 0.04 ug/mL
RT: 8.04 min Scan# 401
Delta R.T. 0.03 min
Lab File: BJ000839.D
Acq: 27 Apr 2012 22:49

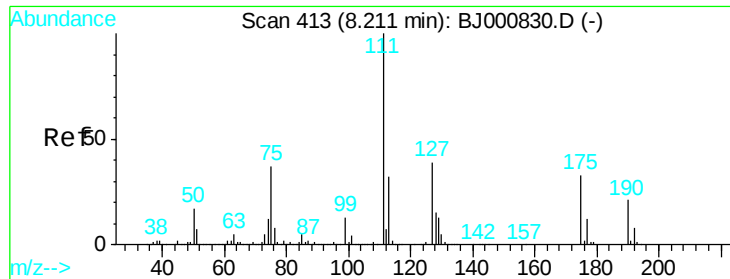
Tgt Ion:159 Resp: 3337
Ion Ratio Lower Upper
159 100
174 0.0 28.0 68.0#
108 0.0 0.0 28.5
50 82.0 0.0 36.1#



Abundance

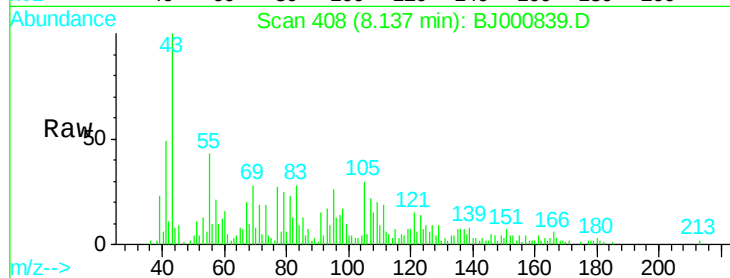
Ion 159.00 (158.70 to 159.70): E
Ion 174.00 (173.70 to 174.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 50.00 (49.70 to 50.70): BJ0





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.09 ug/mL
 RT: 8.14 min Scan# 408
 Delta R.T. -0.07 min
 Lab File: BJ000839.D
 Acq: 27 Apr 2012 22:49

Tgt Ion:	111	Resp:	10784
Ion Ratio	Lower	Upper	
111	100		
75	14.6	18.5	58.5#
127	47.8	19.3	59.3
190	0.0	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

