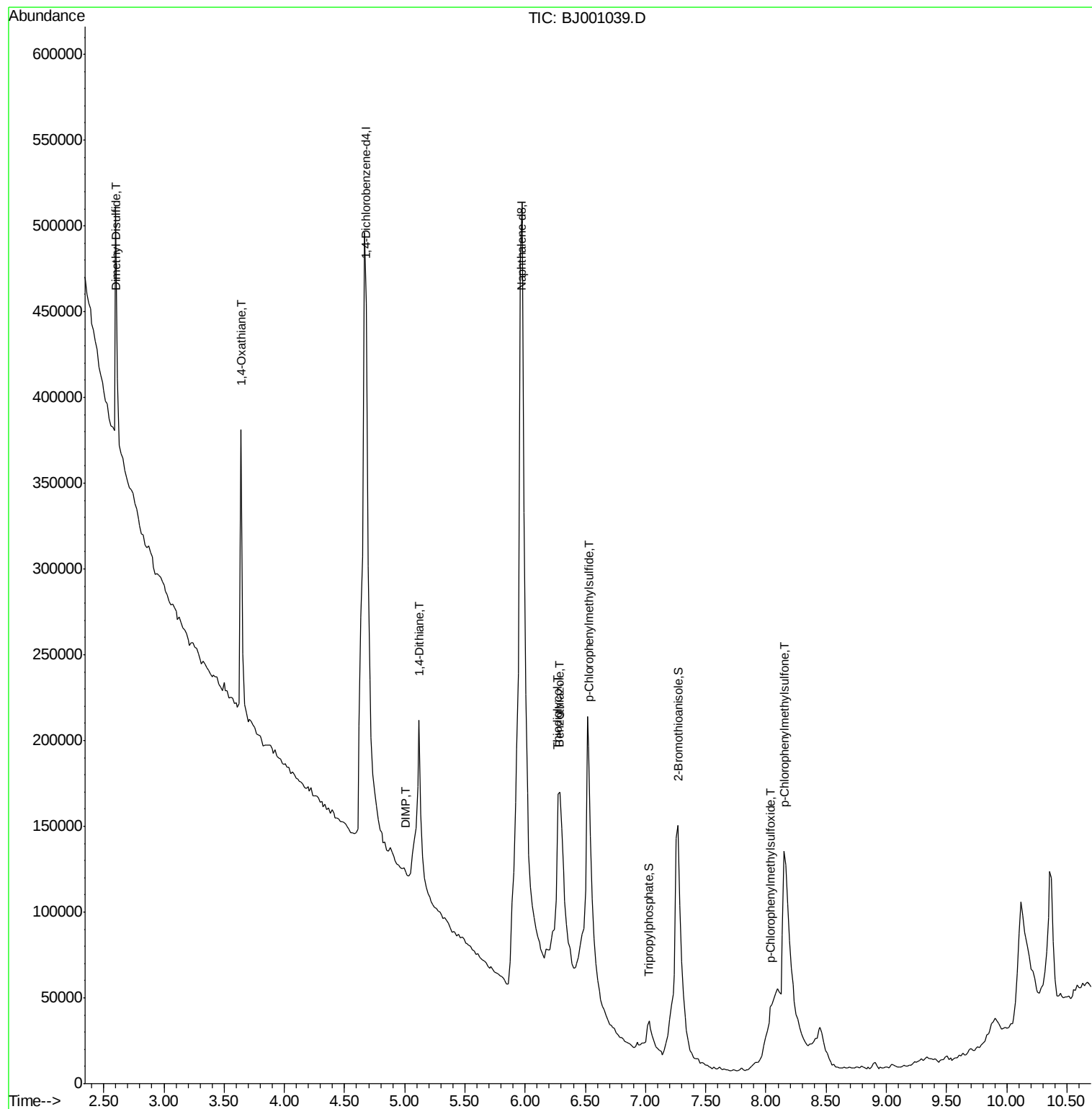
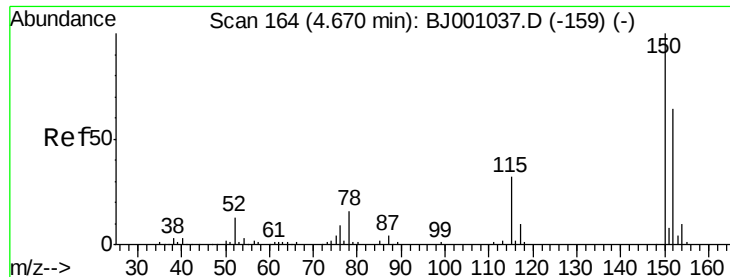


Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ072012\
Data File : BJ001039.D
Acq On : 20 Jul 2012 13:00
Operator : HLM
Sample : CWA-2
Misc : BNA_J HLM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 01:23:32 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M
Quant Title : CWA degradation products by GCMS
QLast Update : Fri Jul 20 13:59:18 2012
Response via : Initial Calibration

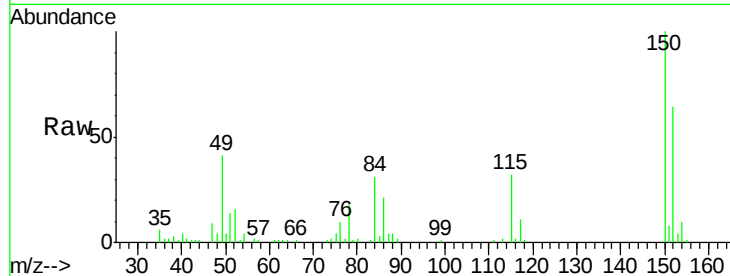




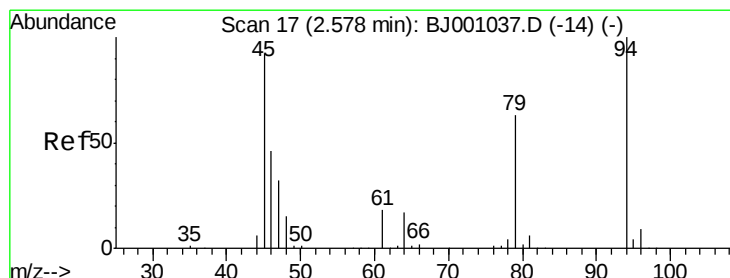
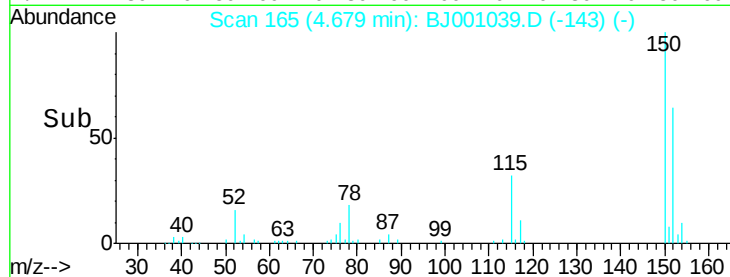
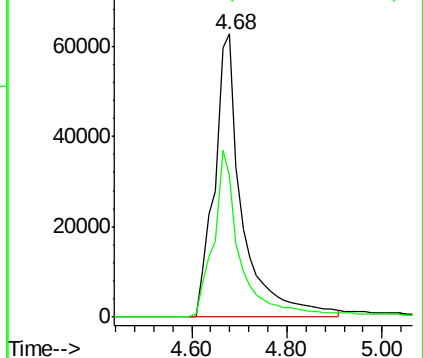
#1

1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.68 min Scan# 165
Delta R.T. 0.01 min
Lab File: BJ001039.D
Acq: 20 Jul 2012 13:00

Tgt Ion: 152 Resp: 254466
Ion Ratio Lower Upper
152 100
115 49.9 29.0 69.0



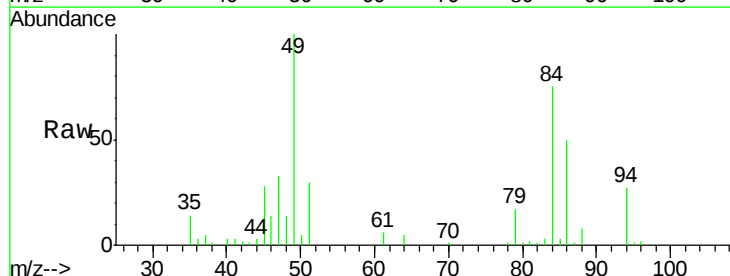
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 115.00 (114.70 to 115.70): B



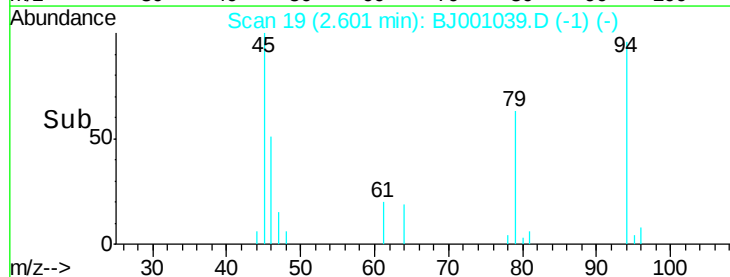
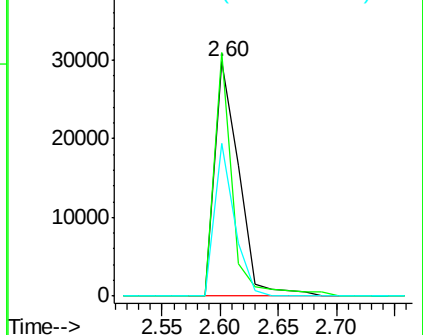
#2

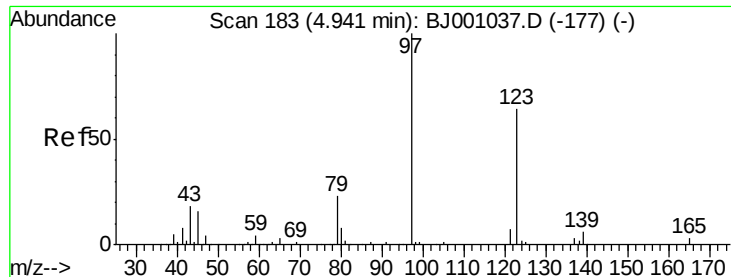
Dimethyl Disulfide
Concen: 0.49 ug/mL
RT: 2.60 min Scan# 19
Delta R.T. 0.02 min
Lab File: BJ001039.D
Acq: 20 Jul 2012 13:00

Tgt Ion: 94 Resp: 42653
Ion Ratio Lower Upper
94 100
45 104.0 75.2 115.2
79 65.5 43.1 83.1



Abundance Ion 94.00 (93.70 to 94.70): BJ0
Ion 45.00 (44.70 to 45.70): BJ0
Ion 79.00 (78.70 to 79.70): BJ0





#4

DIMP

Concen: 0.14 ug/mL m

RT: 5.01 min Scan# 188

Delta R.T. 0.07 min

Lab File: BJ001039.D

Acq: 20 Jul 2012 13:00

Tgt Ion: 97 Resp: 30266

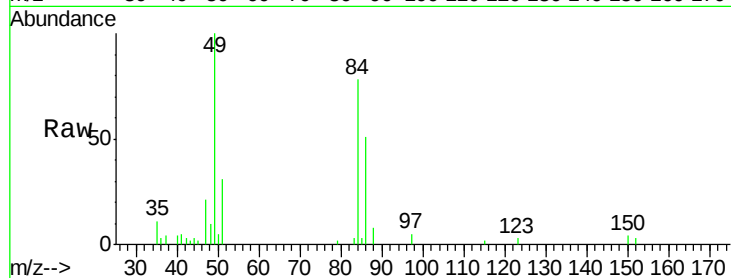
Ion Ratio Lower Upper

97 100

123 55.5 43.8 83.8

43 43.5 0.0 38.6#

41 86.6 0.0 29.1#

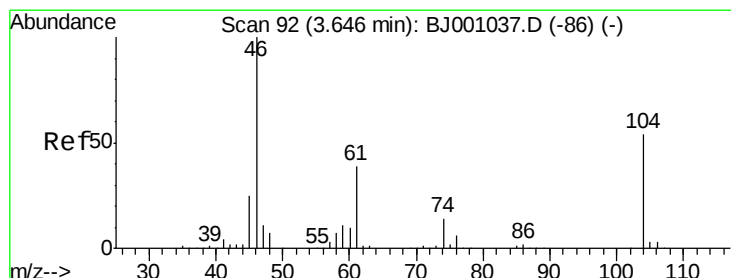
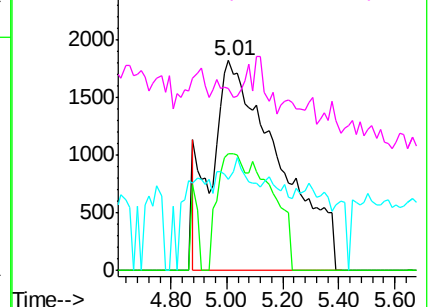
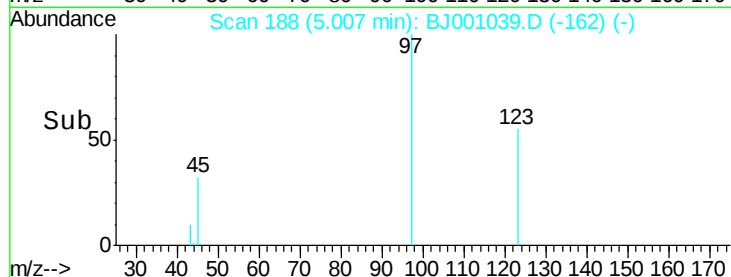


Abundance Ion 97.00 (96.70 to 97.70): BJ0

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: 0.75 ug/mL

RT: 3.64 min Scan# 92

Delta R.T. -0.01 min

Lab File: BJ001039.D

Acq: 20 Jul 2012 13:00

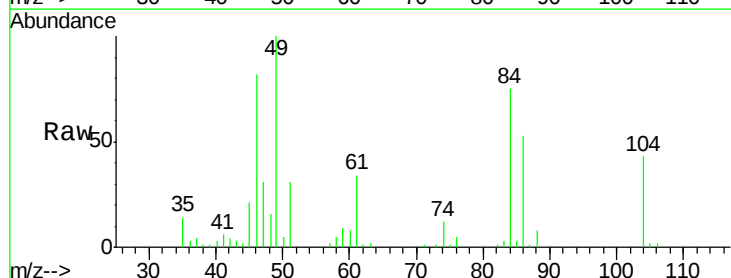
Tgt Ion: 46 Resp: 63322

Ion Ratio Lower Upper

46 100

61 40.8 19.4 59.4

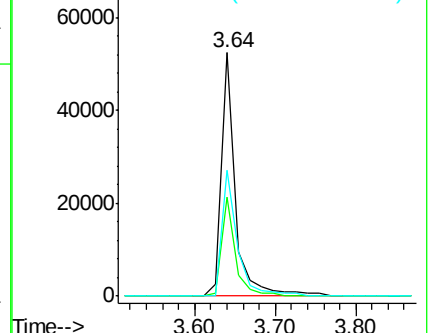
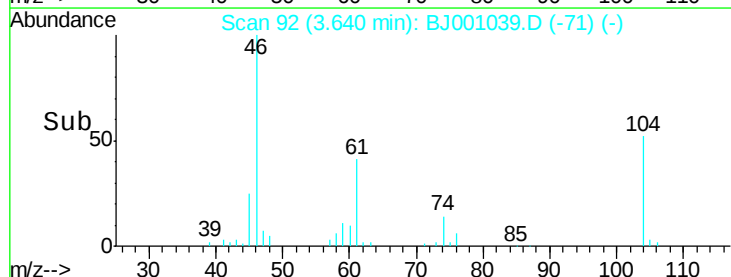
104 51.7 34.1 74.1

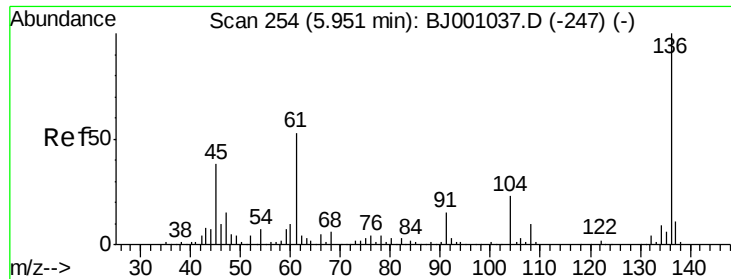


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.97 min Scan# 256

Delta R.T. 0.02 min

Lab File: BJ001039.D

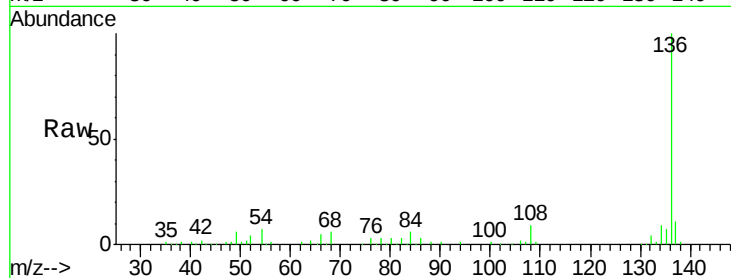
Acq: 20 Jul 2012 13:00

Tgt Ion: 136 Resp: 1049942

Ion Ratio Lower Upper

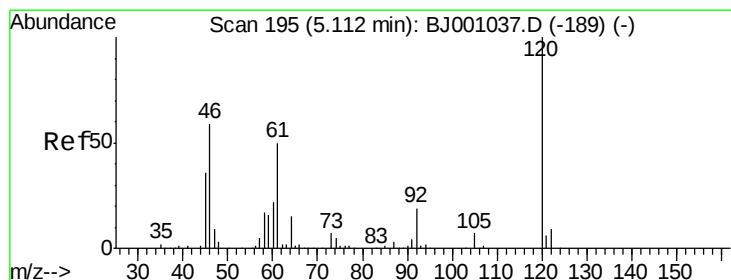
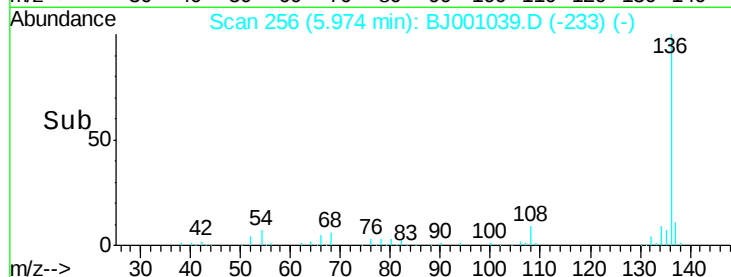
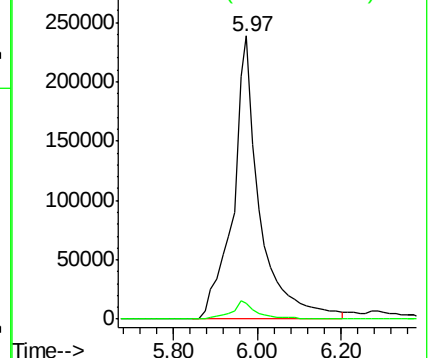
136 100

68 5.5 0.0 25.5



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 68.00 (67.70 to 68.70): BJ0



#7

1,4-Dithiane

Concen: 0.64 ug/mL

RT: 5.12 min Scan# 196

Delta R.T. 0.01 min

Lab File: BJ001039.D

Acq: 20 Jul 2012 13:00

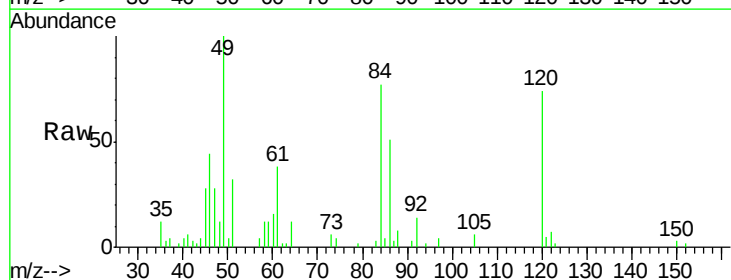
Tgt Ion: 46 Resp: 48170

Ion Ratio Lower Upper

46 100

61 85.0 63.7 103.7

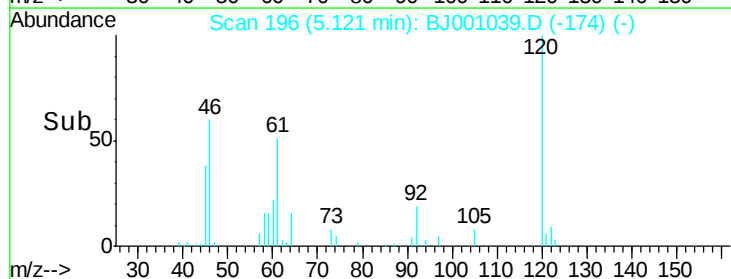
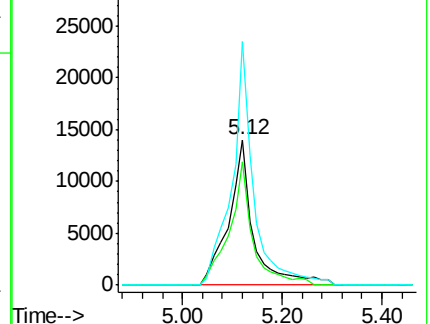
120 167.4 148.0 188.0

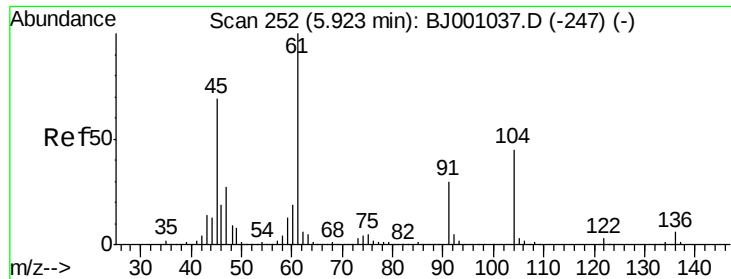


Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

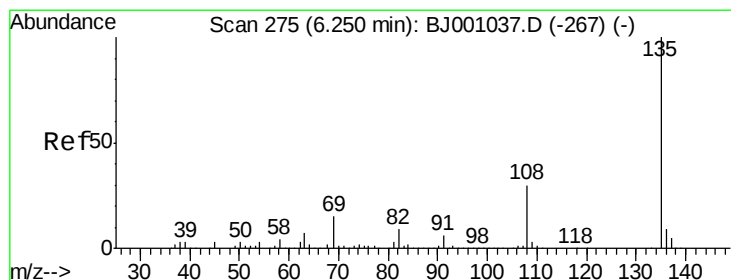
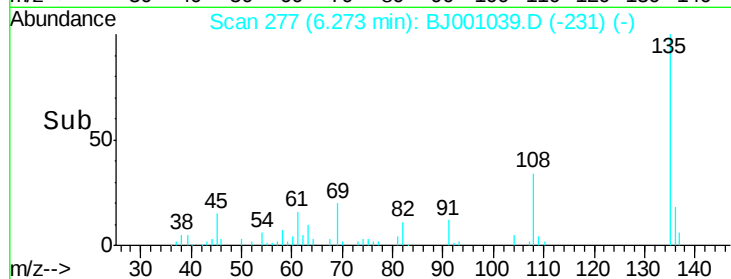
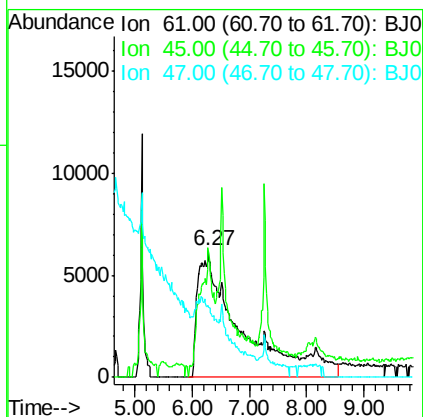
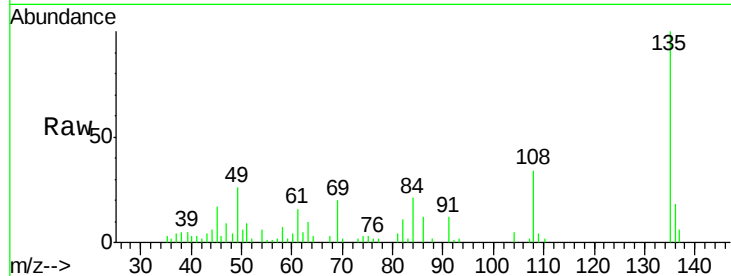
Ion 120.00 (119.70 to 120.70): E





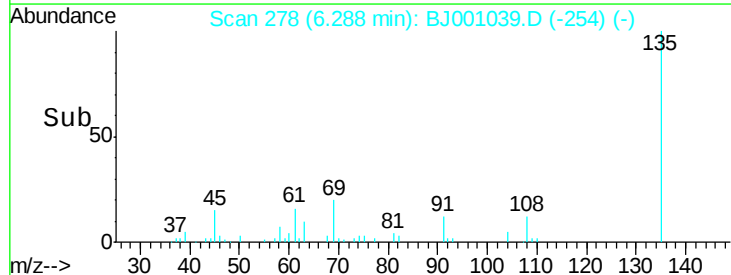
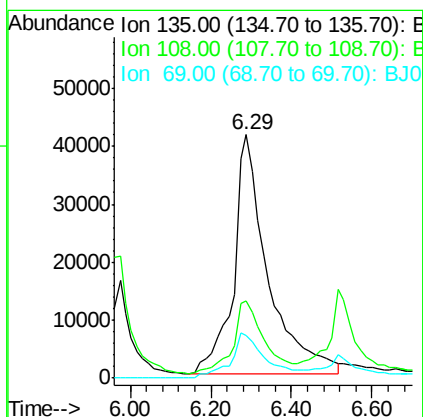
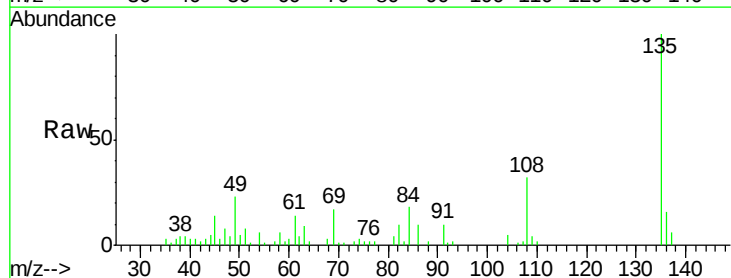
#8
Thiodiglycol
Concen: 6.72 ug/mL m
RT: 6.27 min Scan# 277
Delta R.T. 0.35 min
Lab File: BJ001039.D
Acq: 20 Jul 2012 13:00

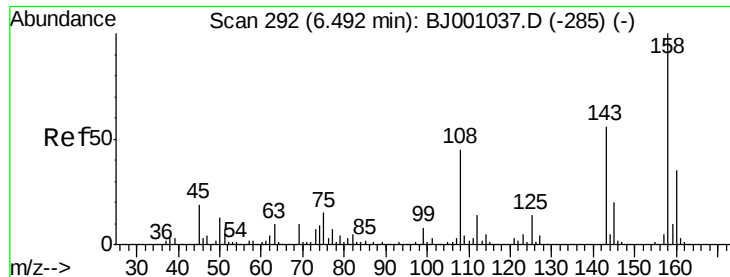
Tgt Ion	Ratio	Lower	Upper
61	100		
45	102.3	49.0	89.0#
47	56.9	7.6	47.6#



#9
Benzothiazole
Concen: 0.85 ug/mL
RT: 6.29 min Scan# 278
Delta R.T. 0.04 min
Lab File: BJ001039.D
Acq: 20 Jul 2012 13:00

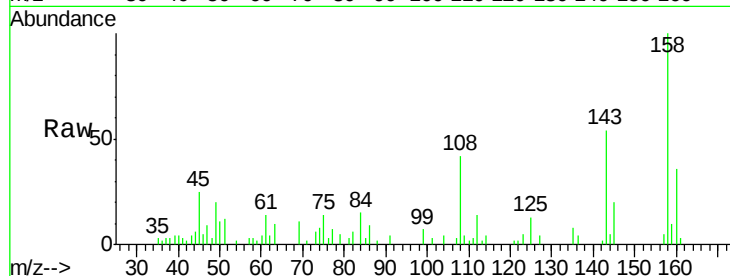
Tgt Ion	Ratio	Lower	Upper
135	100		
108	31.6	9.9	49.9
69	17.3	0.0	35.1



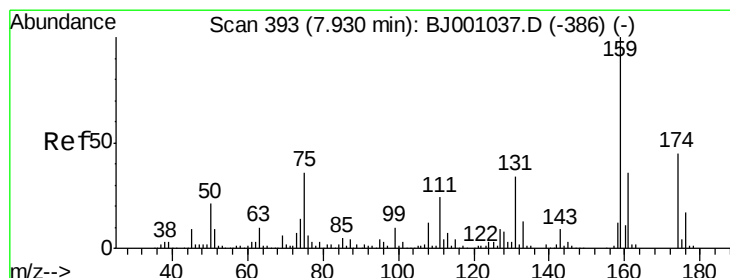
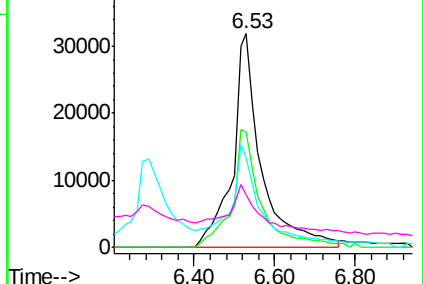
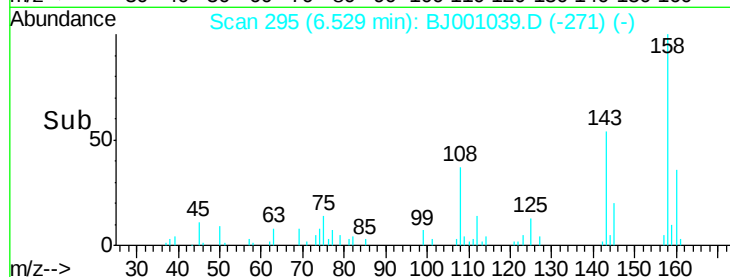


#11
p-Chlorophenylmethylsulfide
Concen: 0.87 ug/mL
RT: 6.53 min Scan# 295
Delta R.T. 0.04 min
Lab File: BJ001039.D
Acq: 20 Jul 2012 13:00

Tgt Ion:	158	Resp:	156898
Ion	Ratio	Lower	Upper
158	100		
143	53.7	36.2	76.2
108	42.2	25.5	65.5
45	24.9	0.7	40.7

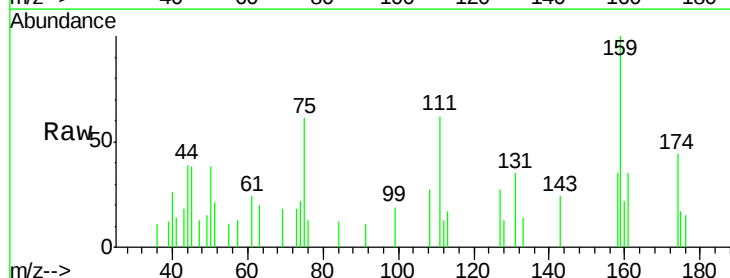


Abundance Ion 158.00 (157.70 to 158.70): E
Ion 143.00 (142.70 to 143.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 45.00 (44.70 to 45.70): BJ0

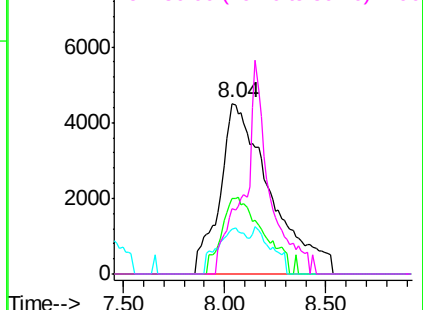
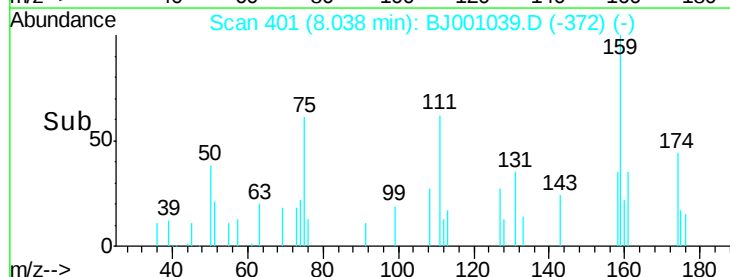


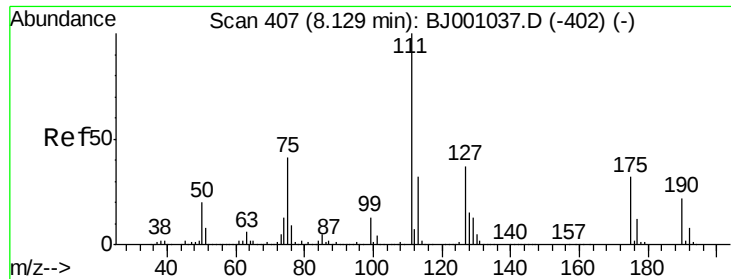
#13
p-Chlorophenylmethylsulfoxide
Concen: 0.86 ug/mL m
RT: 8.04 min Scan# 401
Delta R.T. 0.11 min
Lab File: BJ001039.D
Acq: 20 Jul 2012 13:00

Tgt Ion:	159	Resp:	77838
Ion	Ratio	Lower	Upper
159	100		
174	31.3	27.6	67.6
108	16.0	0.0	31.8
50	0.0	2.7	42.7#



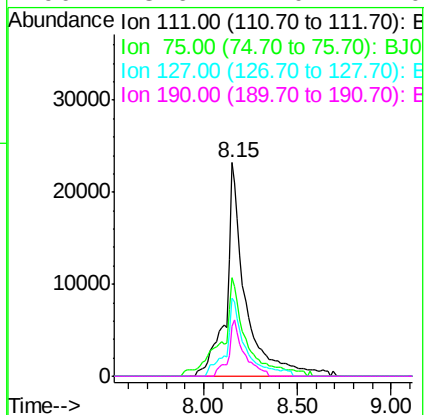
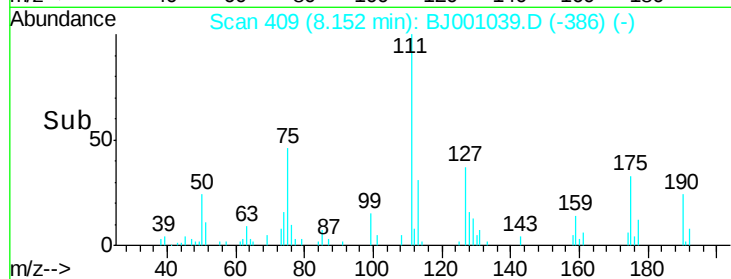
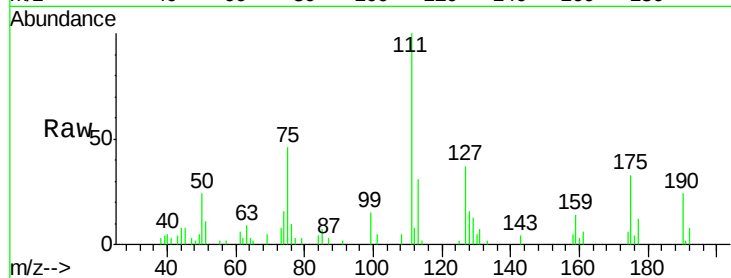
Abundance Ion 159.00 (158.70 to 159.70): E
Ion 174.00 (173.70 to 174.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 50.00 (49.70 to 50.70): BJ0





#14
 p-Chlorophenylmethylsulfone
 Concen: 1.09 ug/mL m
 RT: 8.15 min Scan# 409
 Delta R.T. 0.02 min
 Lab File: BJ001039.D
 Acq: 20 Jul 2012 13:00

Tgt Ion:	111	Resp:	166663
Ion	Ratio	Lower	Upper
111	100		
75	46.4	22.6	62.6
127	36.7	17.2	57.2
190	23.6	2.0	42.0



Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ072012\
 Data File : BJ001039.D
 Acq On : 20 Jul 2012 13:00
 Operator : HLM
 Sample : CWA-2
 Misc : BNA_J HLM
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 01:23:32 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Jul 20 13:59:18 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	254466	2.00	ug/mL	0.00
6) Naphthalene-d8	5.97	136	1049942	2.00	ug/mL	0.02

System Monitoring Compounds						
10) Tripropylphosphate	7.03	99	67623m	0.16	ug/mL	0.02
Spiked Amount 0.500	Range	70 - 130	Recovery	=	32.00%#	
12) 2-Bromothioanisole	7.27	204	78386	1.09	ug/mL	0.02
Spiked Amount 5.000	Range	70 - 130	Recovery	=	21.80%#	

Target Compounds						Qvalue
2) Dimethyl Disulfide	2.60	94	42653	0.49	ug/mL	93
4) DIMP	5.01	97	30266m	0.14	ug/mL	
5) 1,4-Oxathiane	3.64	46	63322	0.75	ug/mL	97
7) 1,4-Dithiane	5.12	46	48170	0.64	ug/mL	99
8) Thiodiglycol	6.27	61	327029m	6.72	ug/mL	
9) Benzothiazole	6.29	135	244698	0.85	ug/mL	96
11) p-Chlorophenylmethyldisulfid	6.53	158	156898	0.87	ug/mL	95
13) p-Chlorophenylmethyldisulfox	8.04	159	77838m	0.86	ug/mL	
14) p-Chlorophenylmethyldisulfon	8.15	111	166663m	1.09	ug/mL	

(#) = qualifier out of range (m) = manual integration (+) = signals summed