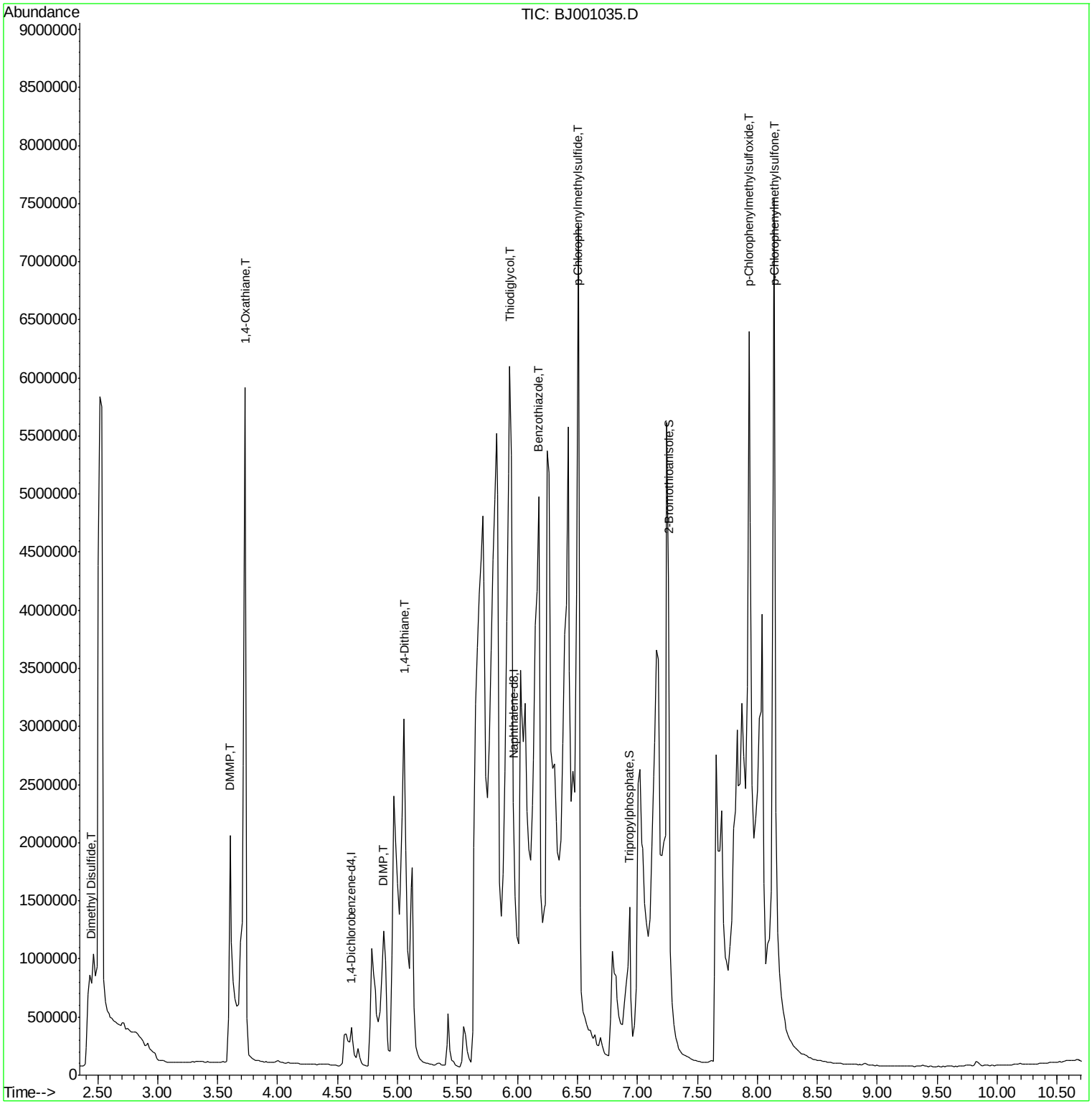
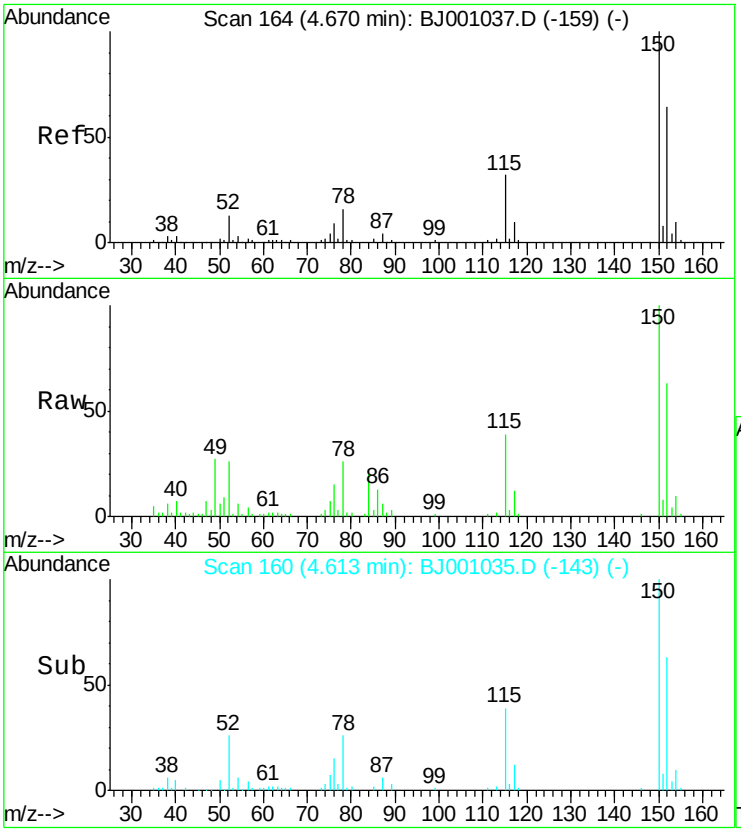
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ072012\
Data File : BJ001035.D
Acq On : 20 Jul 2012 11:49
Operator : HLM
Sample : CWA-6
Misc : BNA_J HLM
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 21 04:53:09 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M
Quant Title : CWA degredation products by GCMS
QLast Update : Fri Jul 20 13:59:18 2012
Response via : Initial Calibration

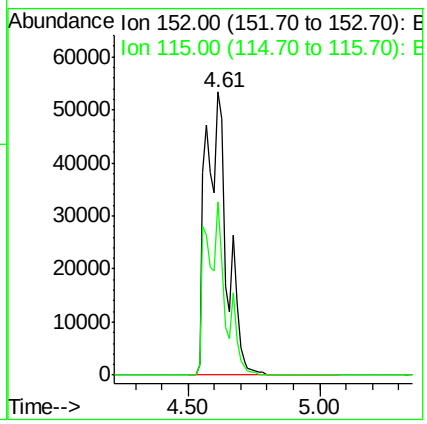


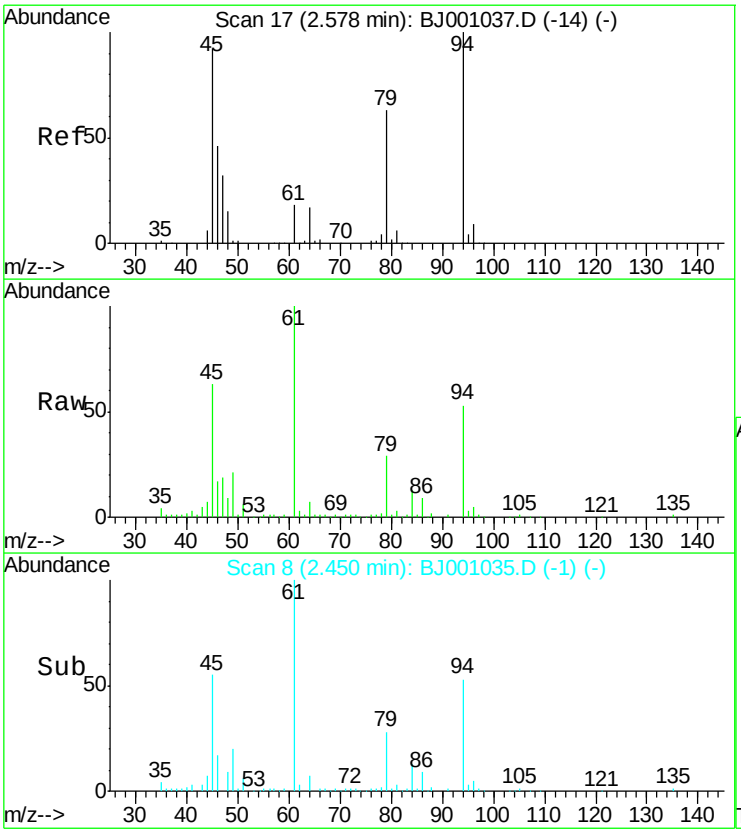


#1
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL m
RT: 4.61 min Scan# 160
Delta R.T. -0.06 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion:152 Resp: 292064

Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.0	69.0

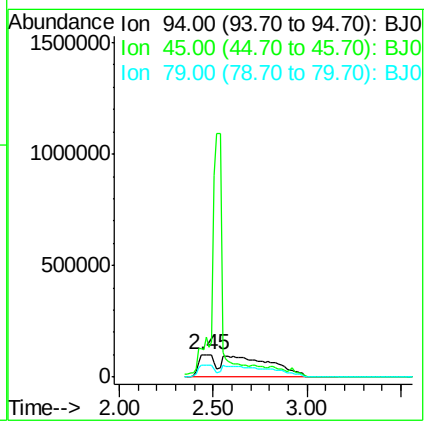


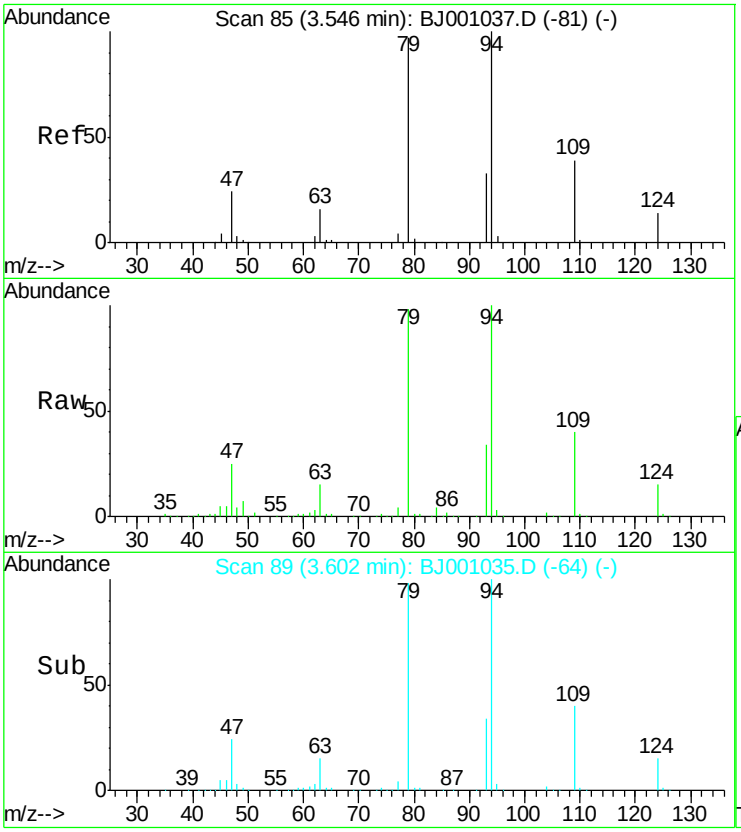


#2
Dimethyl Disulfide
Concen: 23.89 ug/mL m
RT: 2.45 min Scan# 8
Delta R.T. -0.13 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion: 94 Resp: 2368638

Ion	Ratio	Lower	Upper
94	100		
45	118.6	75.2	115.2#
79	53.5	43.1	83.1

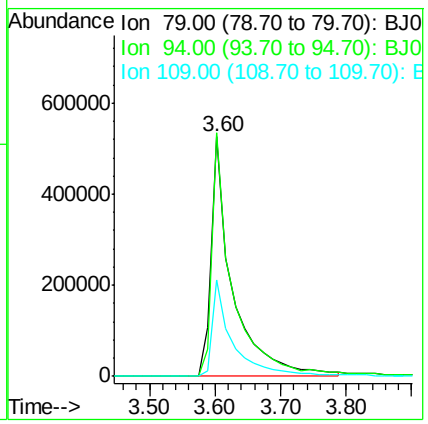


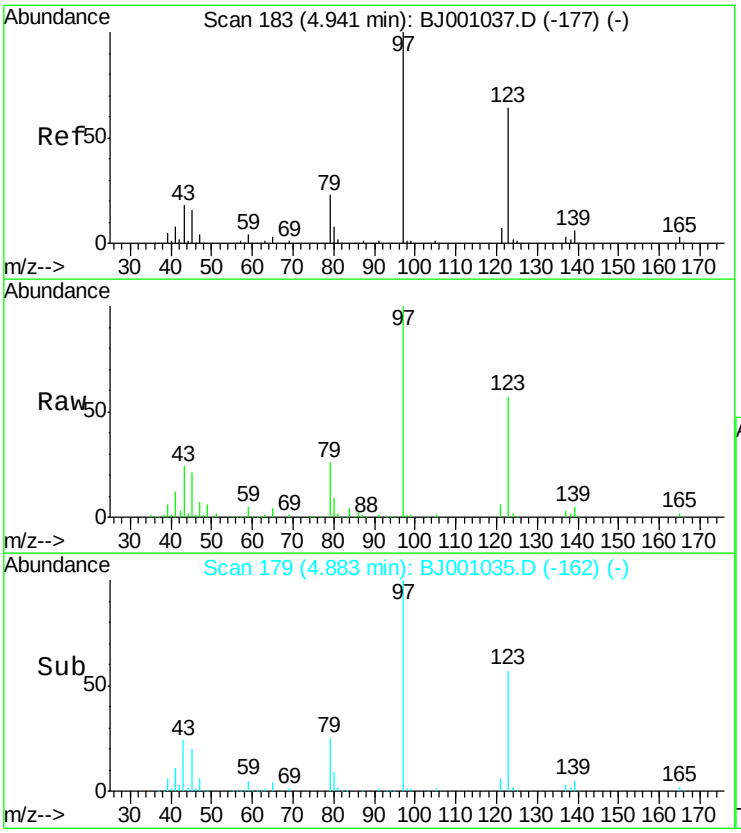


#3
DMMP
Concen: 10.97 ug/mL
RT: 3.60 min Scan# 89
Delta R.T. 0.06 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion: 79 Resp: 1210968

Ion	Ratio	Lower	Upper
79	100		
94	101.6	83.0	123.0
109	40.4	20.0	60.0

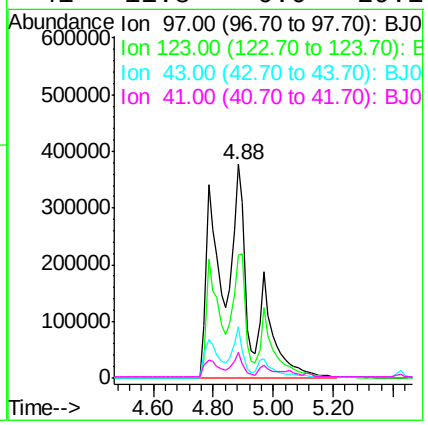


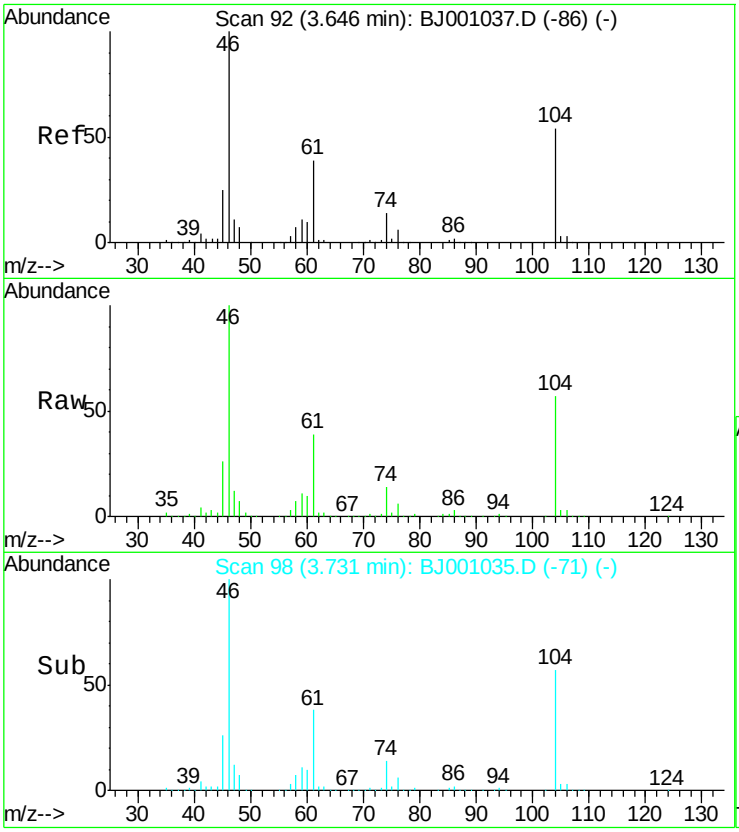


#4
DIMP
Concen: 10.91 ug/mL m
RT: 4.88 min Scan# 179
Delta R.T. -0.06 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion: 97 Resp: 2722848

Ion	Ratio	Lower	Upper
97	100		
123	57.3	43.8	83.8
43	24.2	0.0	38.6
41	11.8	0.0	29.1

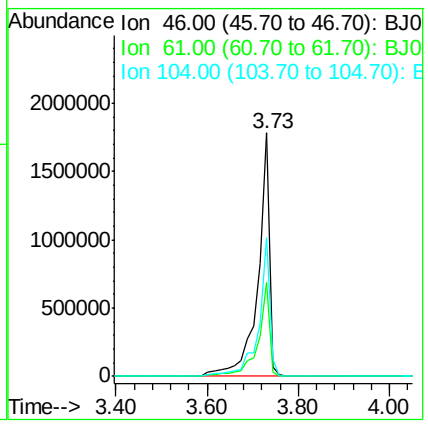


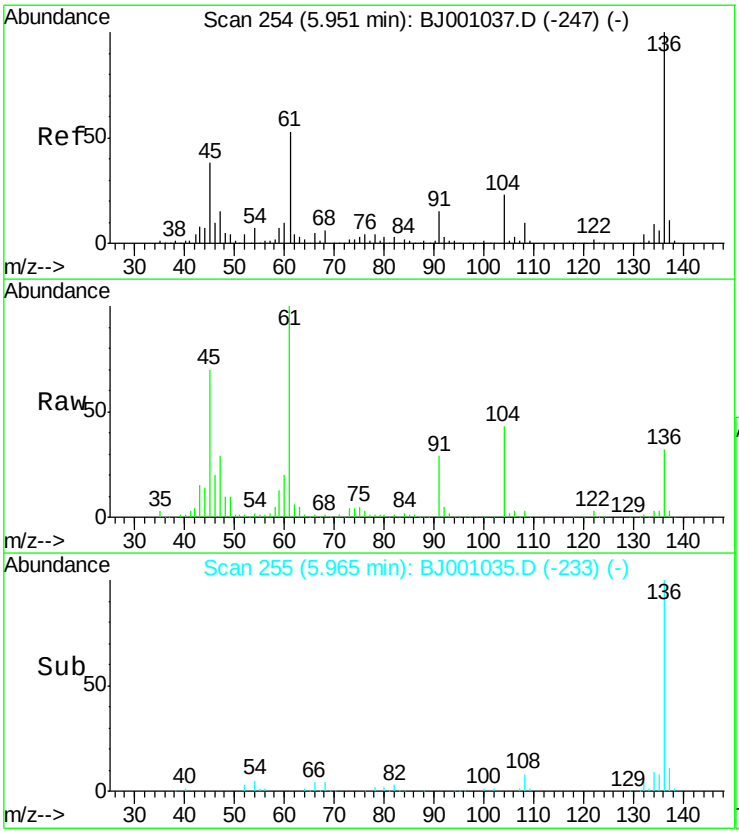


#5
1,4-Oxathiane
Concen: 32.59 ug/mL
RT: 3.73 min Scan# 98
Delta R.T. 0.08 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion: 46 Resp: 3178123

Ion	Ratio	Lower	Upper
46	100		
61	38.5	19.4	59.4
104	57.2	34.1	74.1

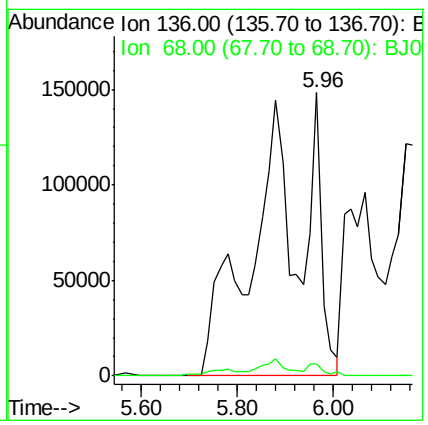


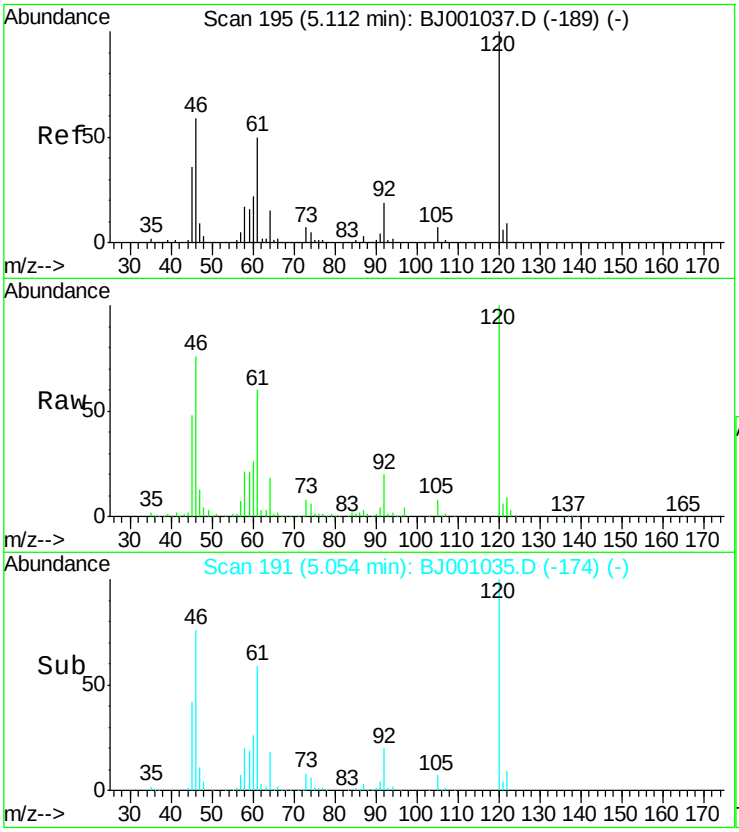


#6
Naphthalene-d8
Concen: 2.00 ug/mL m
RT: 5.96 min Scan# 255
Delta R.T. 0.01 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion:136 Resp: 1080882

Ion	Ratio	Lower	Upper
136	100		
68	4.1	0.0	25.5

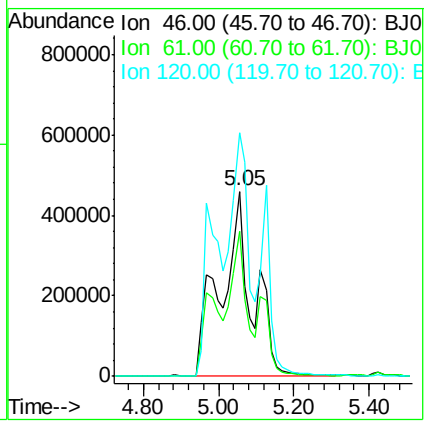


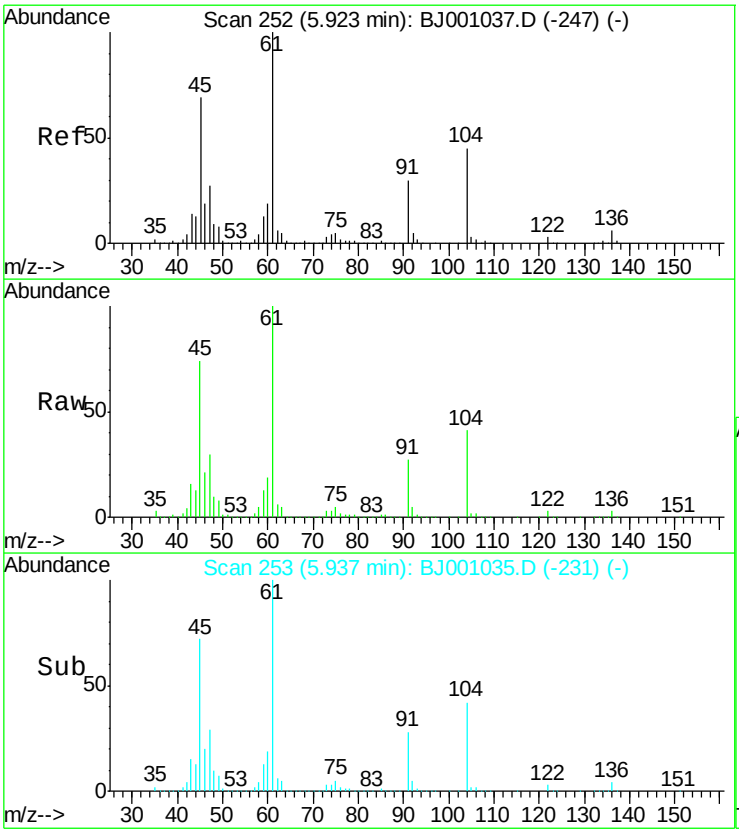


#7
1,4-Dithiane
Concen: 34.32 ug/mL m
RT: 5.05 min Scan# 191
Delta R.T. -0.06 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion: 46 Resp: 2642792

Ion	Ratio	Lower	Upper
46	100		
61	78.2	63.7	103.7
120	131.5	148.0	188.0#

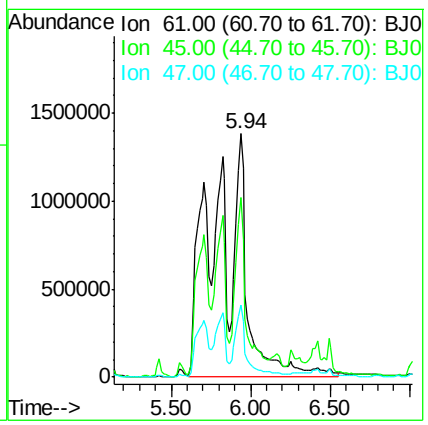


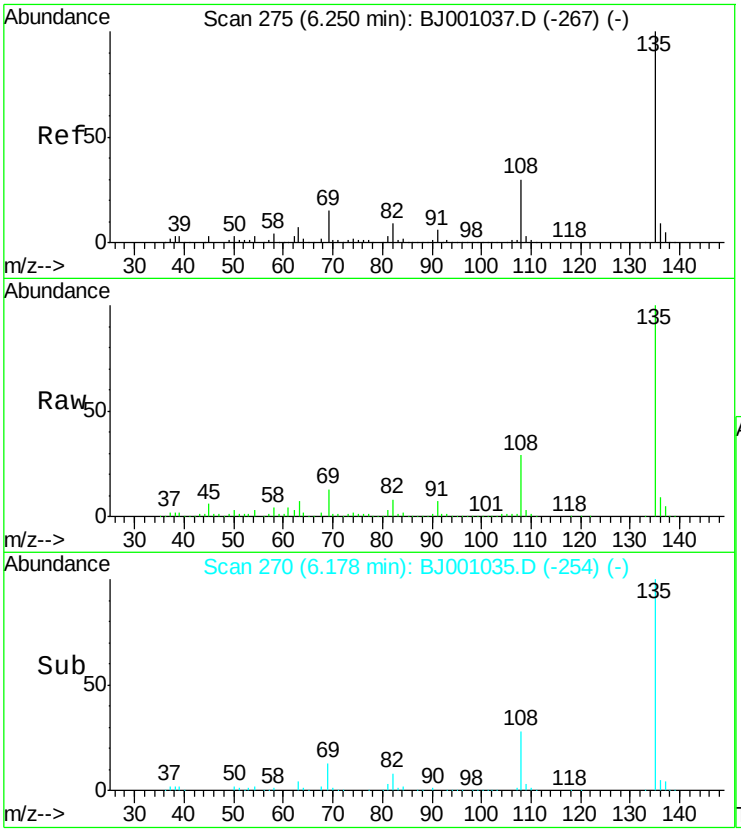


#8
Thiodiglycol
Concen: 217.06 ug/mL m
RT: 5.94 min Scan# 253
Delta R.T. 0.01 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion: 61 Resp:19810134

Ion	Ratio	Lower	Upper
61	100		
45	73.7	49.0	89.0
47	29.5	7.6	47.6

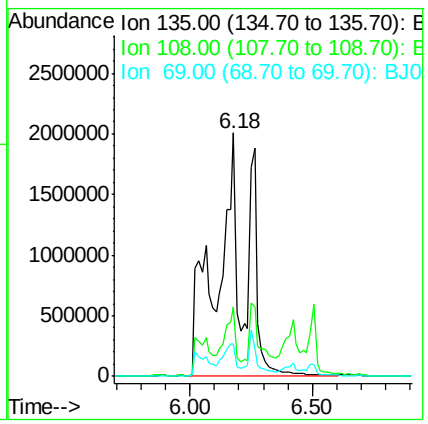


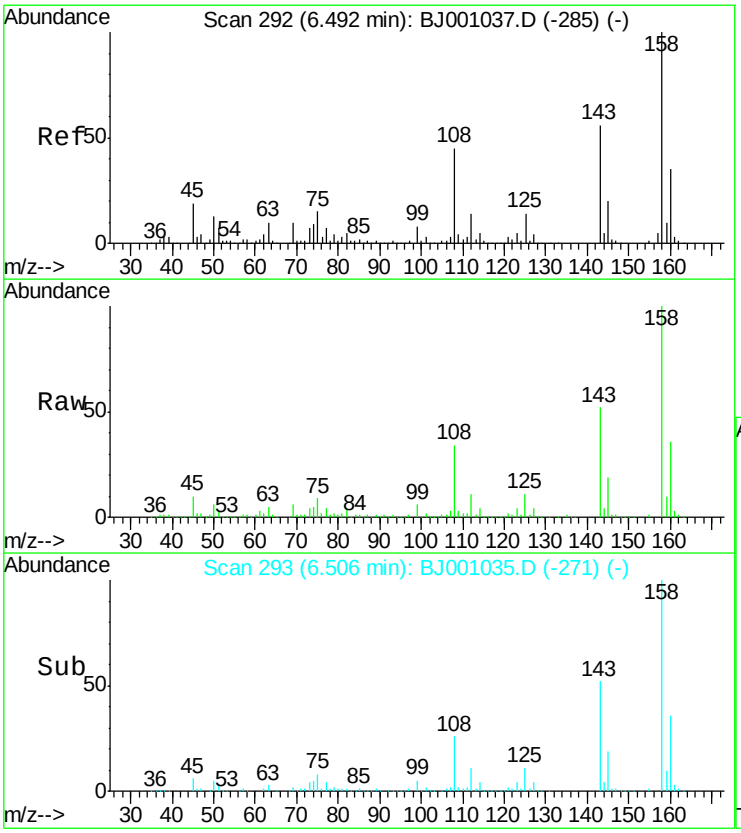


#9
Benzothiazole
Concen: 53.28 ug/mL m
RT: 6.18 min Scan# 270
Delta R.T. -0.07 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion:135 Resp:15821187

Ion	Ratio	Lower	Upper
135	100		
108	28.8	9.9	49.9
69	13.3	0.0	35.1

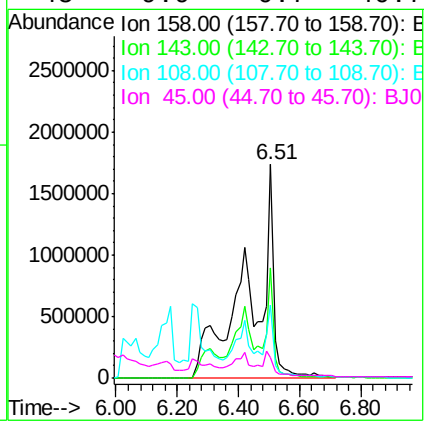


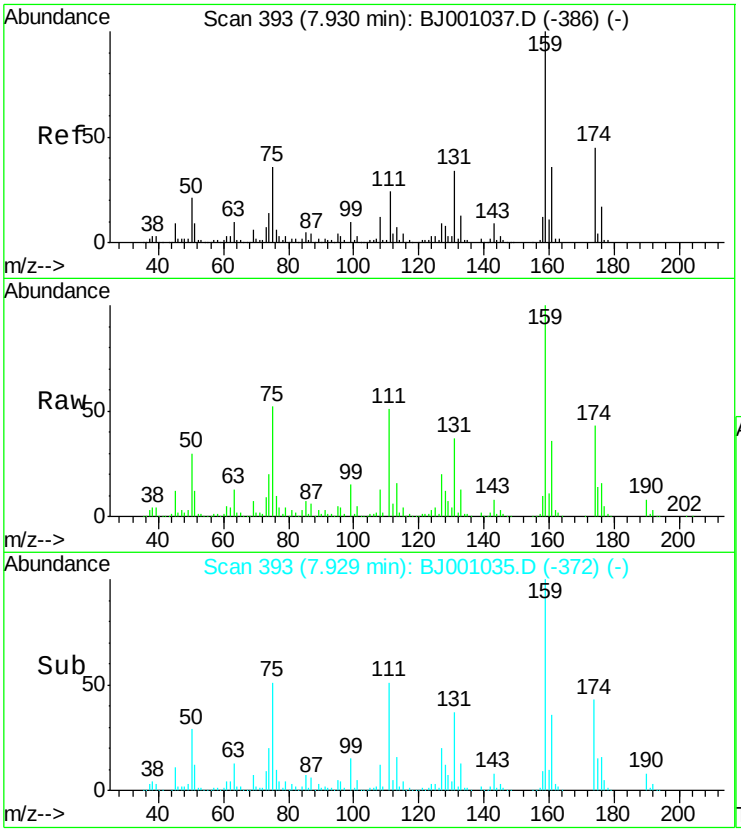


#11
p-Chlorophenylmethylsulfide
Concen: 49.77 ug/mL m
RT: 6.51 min Scan# 293
Delta R.T. 0.01 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion:158 Resp: 9277504

Ion	Ratio	Lower	Upper
158	100		
143	51.6	36.2	76.2
108	34.3	25.5	65.5
45	9.9	0.7	40.7

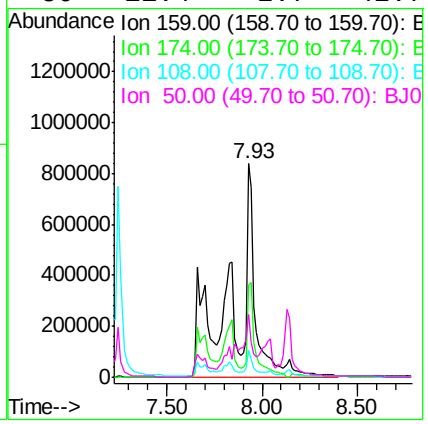


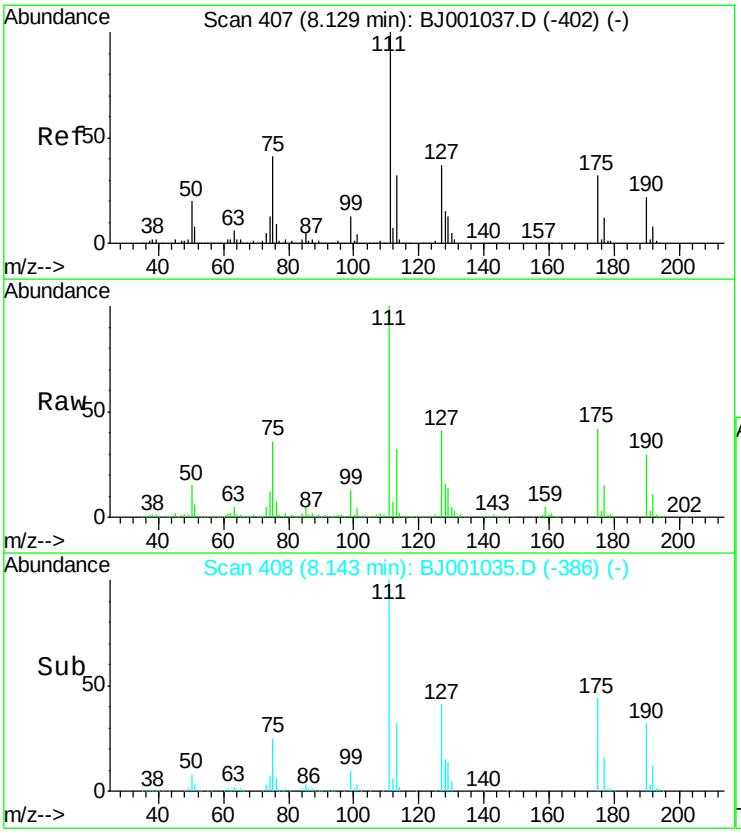


#13
p-Chlorophenylmethylsulfoxide
Concen: 41.72 ug/mL m
RT: 7.93 min Scan# 393
Delta R.T. -0.00 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion:159 Resp: 6558925

Ion	Ratio	Lower	Upper
159	100		
174	17.7	27.6	67.6#
108	2.2	0.0	31.8
50	11.4	2.7	42.7

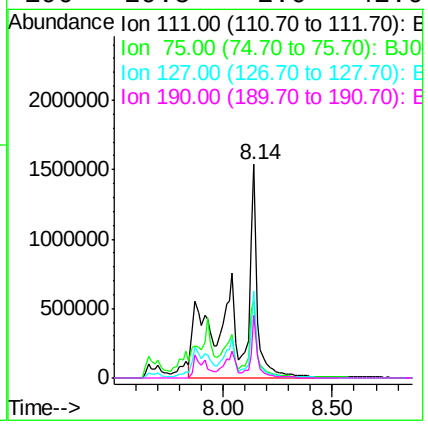




#14
p-Chlorophenylmethylsulfone
Concen: 59.02 ug/mL m
RT: 8.14 min Scan# 408
Delta R.T. 0.01 min
Lab File: BJ001035.D
Acq: 20 Jul 2012 11:49

Tgt Ion:111 Resp: 9283364

Ion	Ratio	Lower	Upper
111	100		
75	35.7	22.6	62.6
127	40.5	17.2	57.2
190	29.5	2.0	42.0



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ072012\
Data File : BJ001035.D
Acq On : 20 Jul 2012 11:49
Operator : HLM
Sample : CWA-6
Misc : BNA_J HLM
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 21 04:53:09 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ072012.M
Quant Title : CWA degredation 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	4.61	152	292064m	2.00	ug/mL	-0.06
6) Naphthalene-d8	5.96	136	1080882m	2.00	ug/mL	0.01
System Monitoring Compounds						
10) Tripropylphosphate	6.93	99	4504569m	10.67	ug/mL	-0.07
Spiked Amount 0.500	Range 70 - 130		Recovery = 2134.00%#			
12) 2-Bromothioanisole	7.26	204	4563391m	61.84	ug/mL	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 1236.80%#			
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.45	94	2368638m	23.89	ug/mL	
3) DMMP	3.60	79	1210968	10.97	ug/mL	99
4) DIMP	4.88	97	2722848m	10.91	ug/mL	
5) 1,4-Oxathiane	3.73	46	3178123	32.59	ug/mL	97
7) 1,4-Dithiane	5.05	46	2642792m	34.32	ug/mL	
8) Thiodiglycol	5.94	61	19810134m	217.06	ug/mL	
9) Benzothiazole	6.18	135	15821187m	53.28	ug/mL	
11) p-Chlorophenylmethylsulfid	6.51	158	9277504m	49.77	ug/mL	
13) p-Chlorophenylmethylsulfox	7.93	159	6558925m	41.72	ug/mL	
14) p-Chlorophenylmethylsulfon	8.14	111	9283364m	59.02	ug/mL	

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