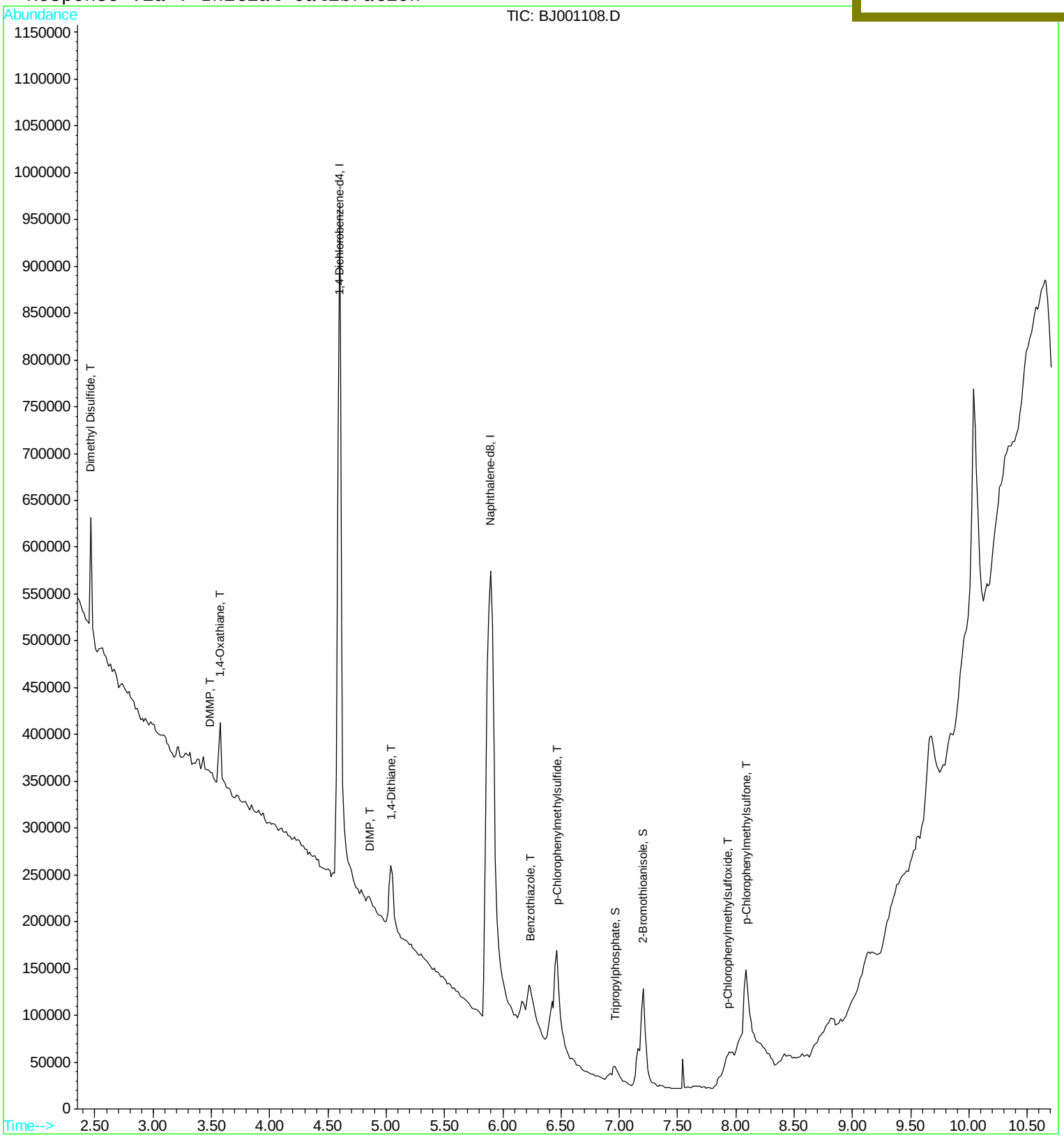
Quantitation Report

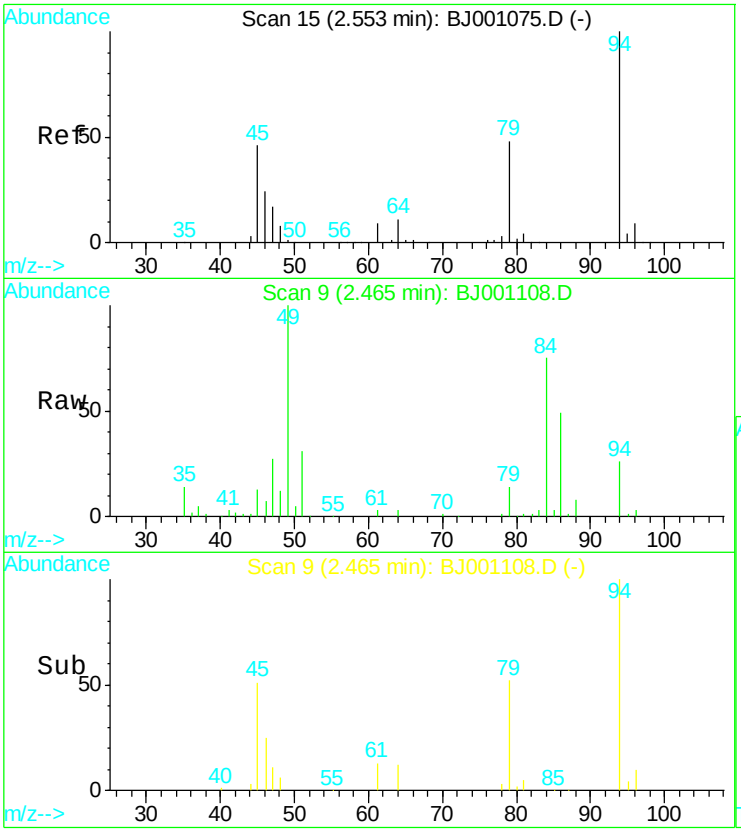
Data File : H:\VOL1\GCMSDATA\J\120911\BJ001108.D Vial: 7
Acq On : 11 Sep 2012 14:45 Operator: HLM
Sample : CWA-1 Inst : BNA J
Misc : CWA STD BNA J HLM Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 11 15:32 2012 Quant Results File: BJ091112.RES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
Title : CWA degredation products by GCMS
Last Update : Tue Sep 11 15:29:36 2012
Response via : Initial Calibration

Instrument :
BNA_J
LabSampleId :
CWA-1

Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:26 AM

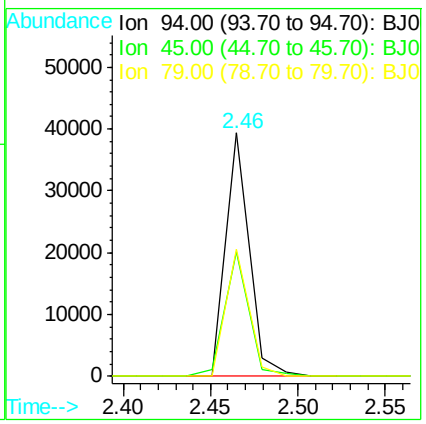




#2
Dimethyl Disulfide
Concen: 0.31 ug/mL
RT: 2.46 min Scan# 9
Delta R.T. 0.00 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion: 94 Resp: 36636

Ion	Ratio	Lower	Upper
94	100		
45	51.0	12.7	52.7
79	52.1	22.9	62.9



Instrument :
BNA_J
LabSampleId :
CWA-1

Manual Integrations APPROVED
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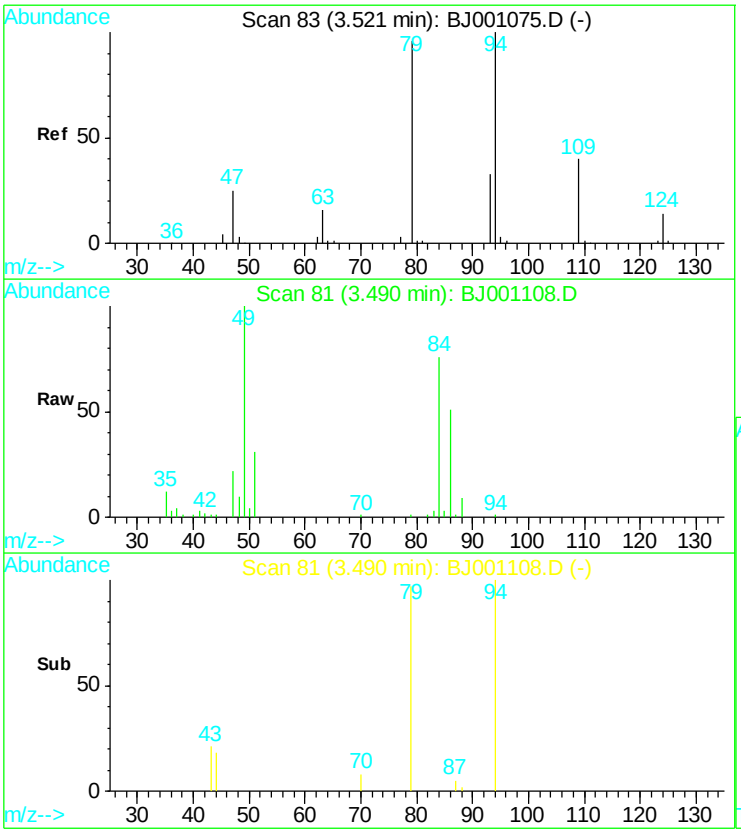
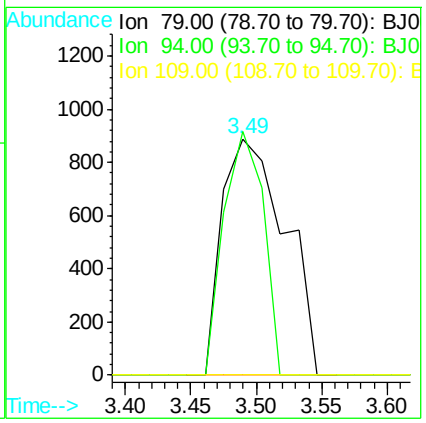
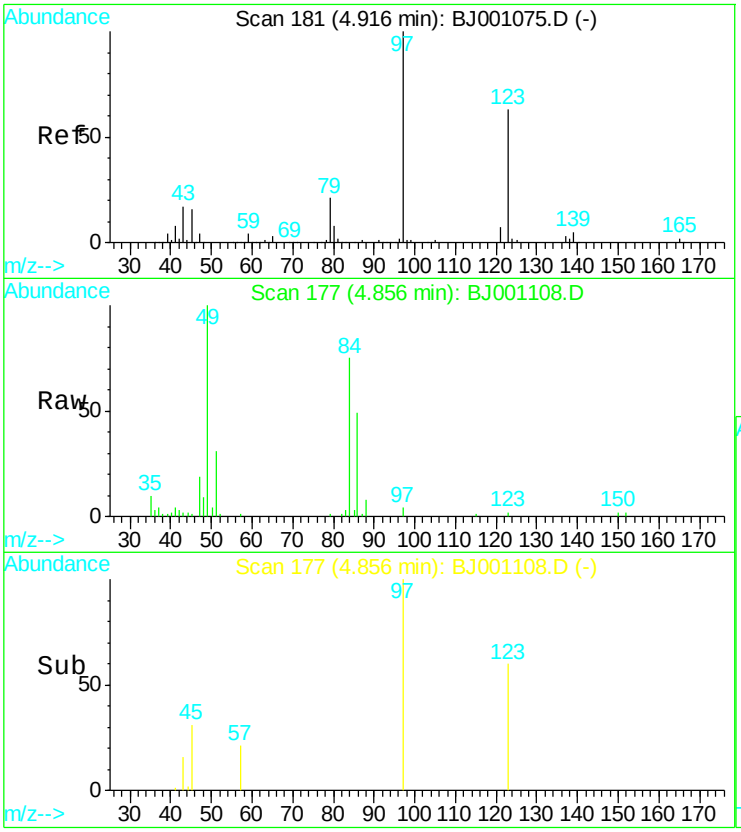


#3
DMMP
Concen: 0.02 ug/mL
RT: 3.49 min Scan# 81
Delta R.T. 0.02 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion: 79 Resp: 2965

Ion	Ratio	Lower	Upper
79	100		
94	103.2	80.9	120.9
109	0.0	20.3	60.3#

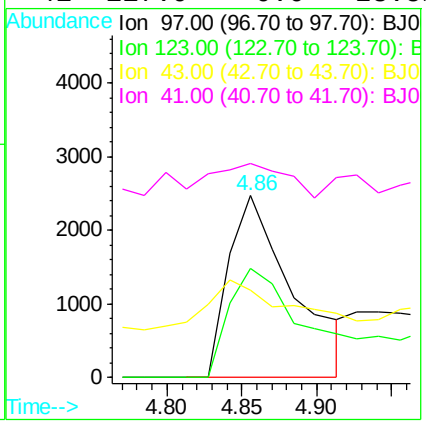




#4
DIMP
Concen: 0.05 ug/mL
RT: 4.86 min Scan# 177
Delta R.T. -0.03 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion: 97 Resp: 7365

Ion	Ratio	Lower	Upper
97	100		
123	60.3	47.2	87.2
43	47.9	0.0	36.5#
41	117.9	0.0	28.5#



Instrument :
BNA_J
LabSampleId :
CWA-1

Manual Integrations APPROVED
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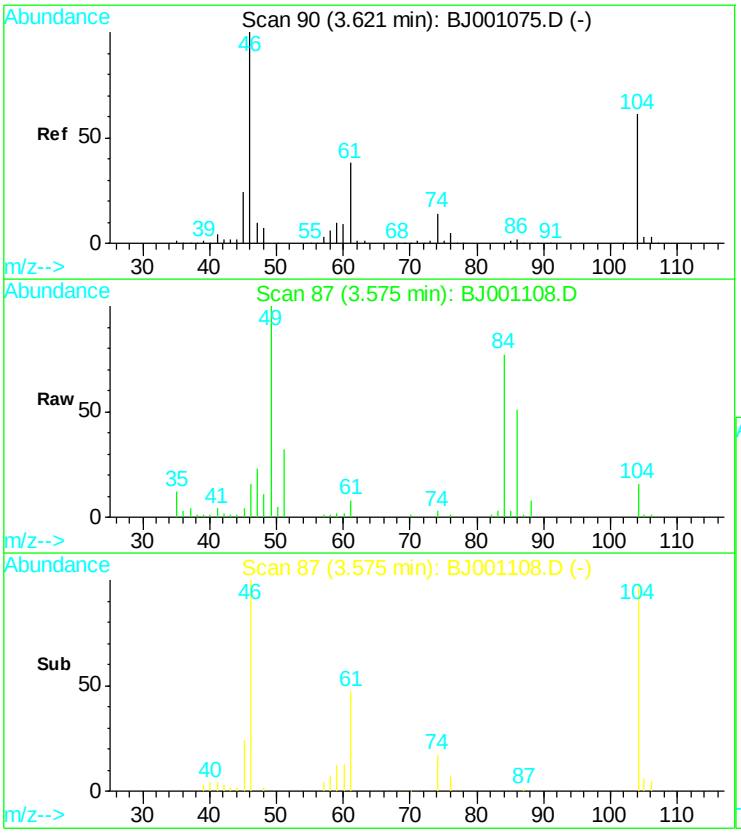
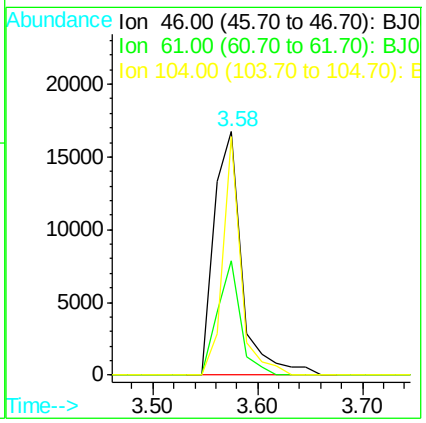
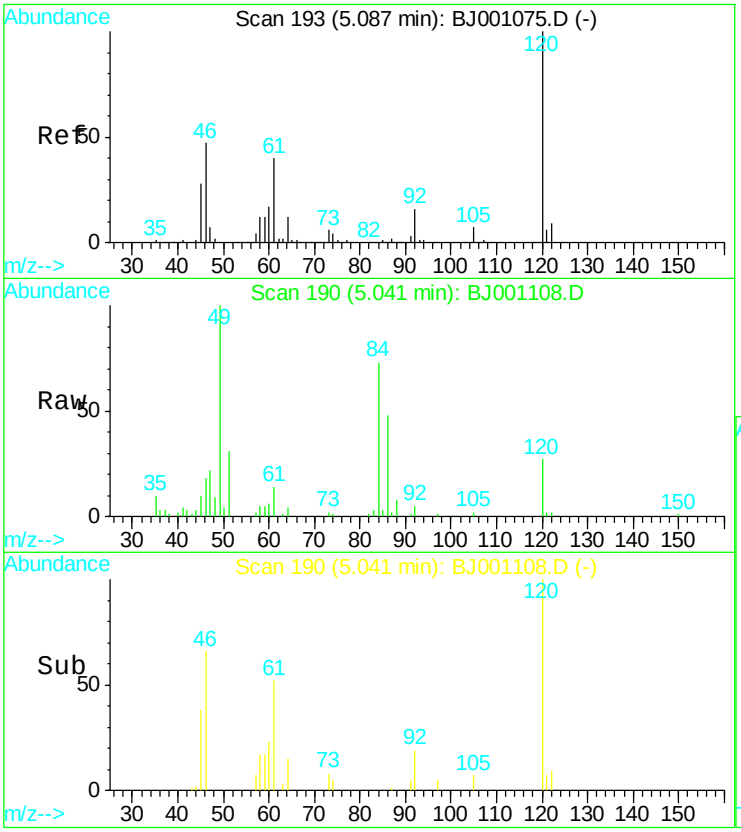


#5
1,4-Oxathiane
Concen: 0.21 ug/mL
RT: 3.58 min Scan# 87
Delta R.T. 0.00 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion: 46 Resp: 31026

Ion	Ratio	Lower	Upper
46	100		
61	46.9	17.1	57.1
104	98.1	29.3	69.3#

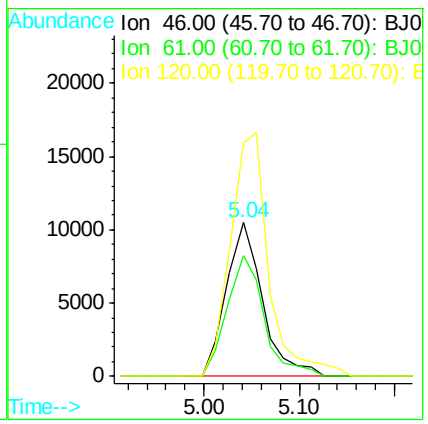




#7
1,4-Dithiane
Concen: 0.23 ug/mL
RT: 5.04 min Scan# 190
Delta R.T. 0.00 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion: 46 Resp: 27691

Ion	Ratio	Lower	Upper
46	100		
61	78.4	60.0	100.0
120	151.8	138.1	178.1



Instrument :
BNA_J
LabSampleId :
CWA-1

Manual Integrations APPROVED
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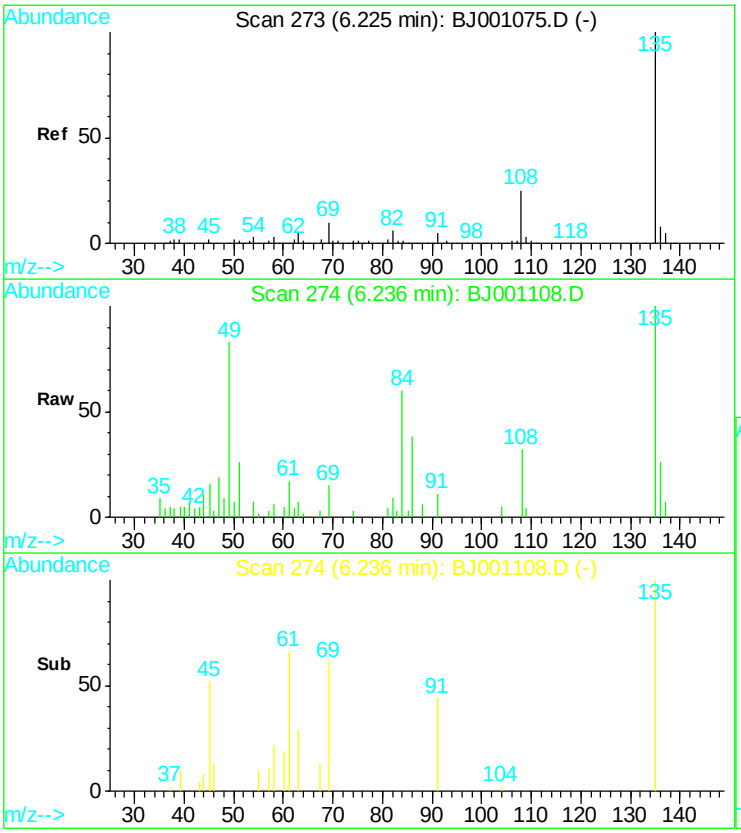
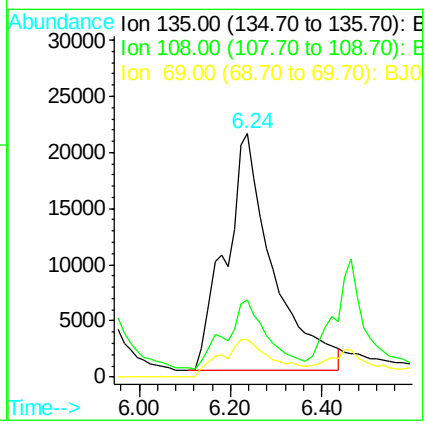
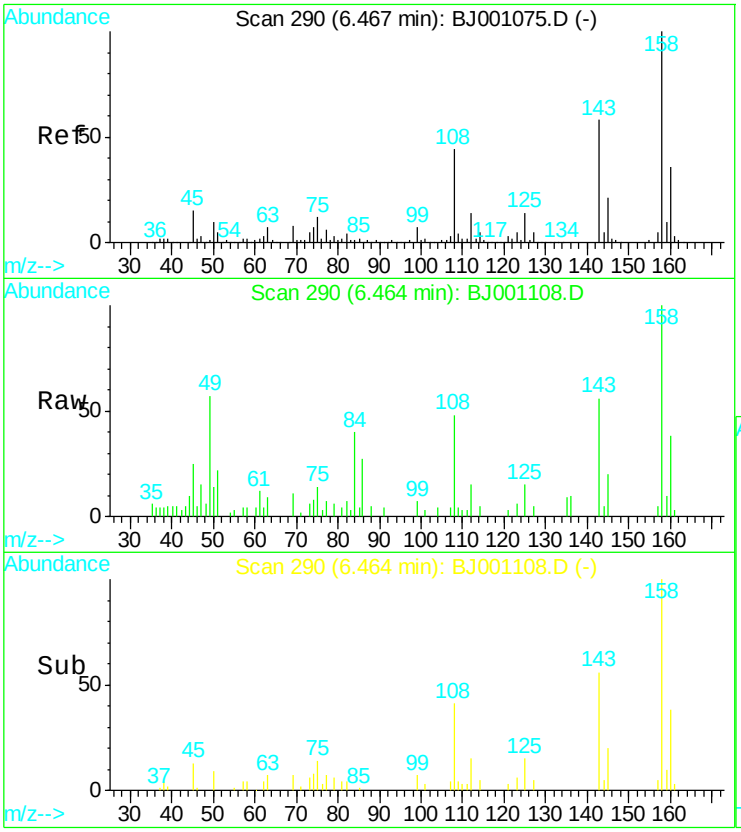


#9
Benzothiazole
Concen: 0.45 ug/mL
RT: 6.24 min Scan# 274
Delta R.T. 0.04 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion:135 Resp: 151513

Ion	Ratio	Lower	Upper
135	100		
108	31.6	5.8	45.8
69	15.4	0.0	30.2

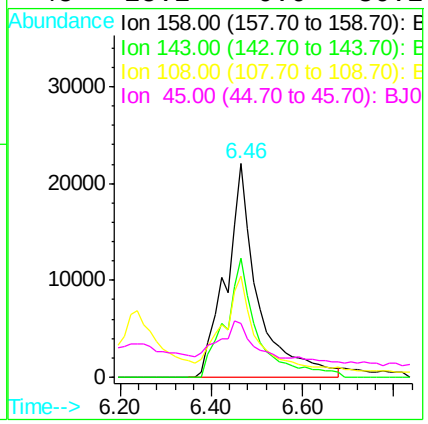




#11
p-Chlorophenylmethylsulfide
Concen: 0.52 ug/mL
RT: 6.46 min Scan# 290
Delta R.T. 0.03 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion:158 Resp: 106978

Ion	Ratio	Lower	Upper
158	100		
143	55.7	39.2	79.2
108	47.6	24.9	64.9
45	25.2	0.0	36.2



Instrument :
BNA_J
LabSampleId :
CWA-1

Manual Integrations APPROVED
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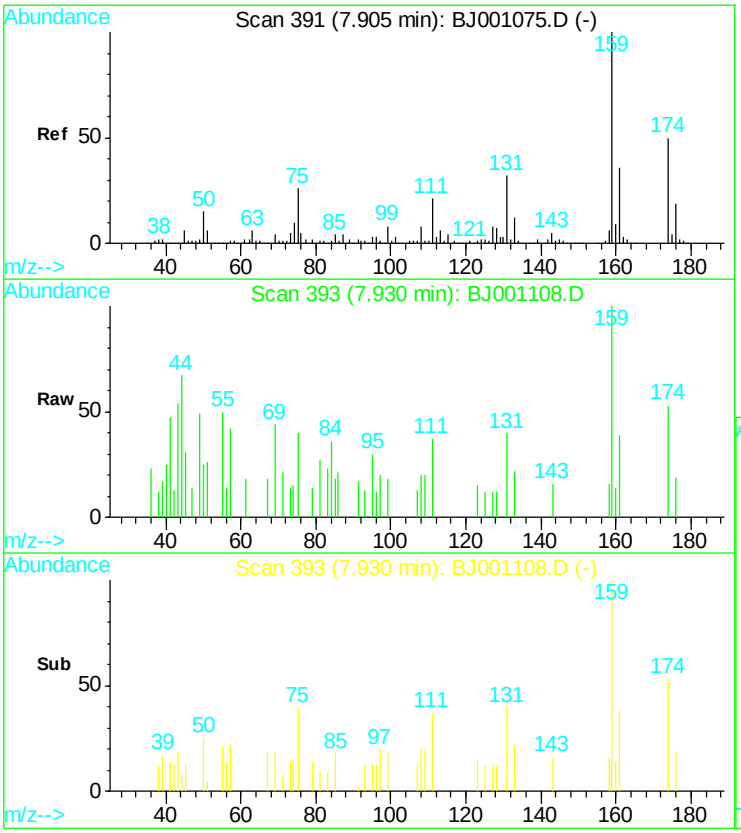
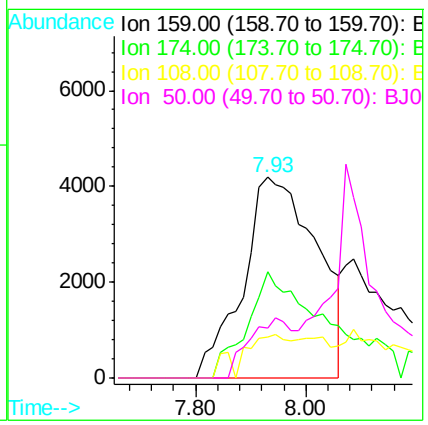
9/20/2012 5:29:26 AM

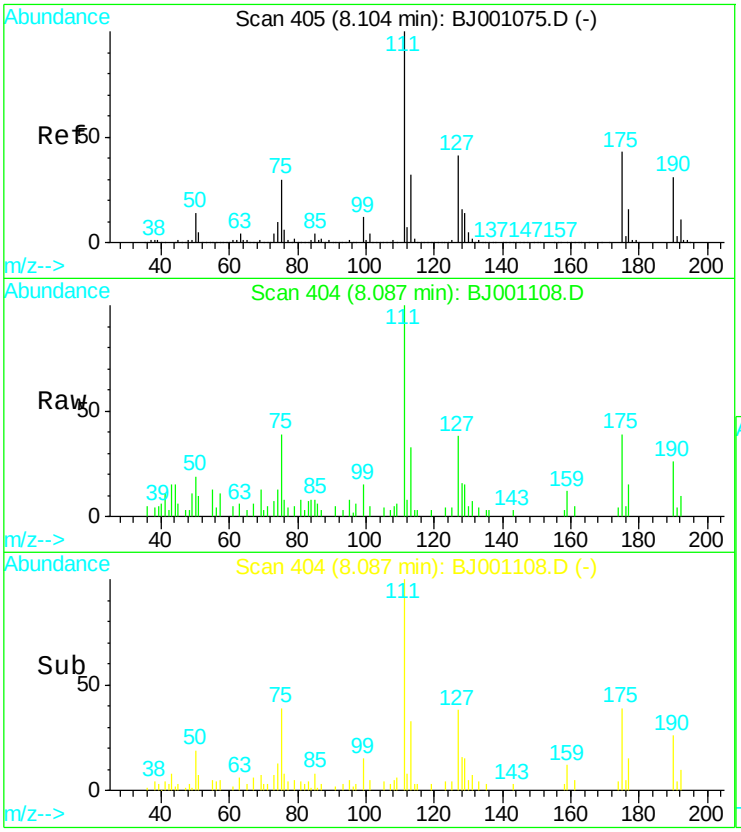


#13
p-Chlorophenylmethylsulfoxide
Concen: 0.36 ug/mL
RT: 7.93 min Scan# 393
Delta R.T. 0.07 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion:159 Resp: 38884

Ion	Ratio	Lower	Upper
159	100		
174	50.4	27.2	67.2
108	11.9	0.0	29.4
50	18.8	0.7	40.7

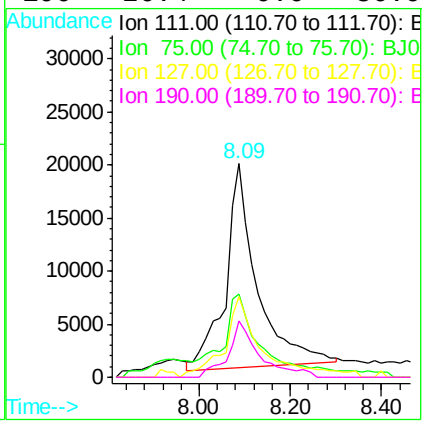




#14
p-Chlorophenylmethylsulfone
Concen: 0.45 ug/mL
RT: 8.09 min Scan# 404
Delta R.T. 0.03 min
Lab File: BJ001108.D
Acq: 11 Sep 2012 14:45

Tgt Ion:111 Resp: 92624

Ion	Ratio	Lower	Upper
111	100		
75	38.8	21.3	61.3
127	37.8	16.0	56.0
190	26.4	0.0	36.9



Instrument :
BNA_J
LabSampleId :
CWA-1

Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:26 AM

Quantitation Report (Not Reviewed)

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001108.D Vial: 7
Acq On : 11 Sep 2012 14:45 Operator: HLM
Sample : CWA-1 Inst : BNA J
Misc : CWA STD BNA J HLM Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 11 15:32 2012 Quant Results File: BJ091112.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
Title : CWA degredation products by GCMS
Last Update : Tue Sep 11 15:29:36 2012
Response via : Initial Calibration
DataAcq Meth : CWAJ

Instrument :
BNA_J
LabSampleId :
CWA-1

Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:26 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.60	152	311140	2.00	ug/mL	0.00
6) Naphthalene-d8	5.89	136	1301482	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.96	99	54407	0.11	ug/mL	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 22.00%#			
12) 2-Bromothioanisole	7.20	204	50732	0.50	ug/mL	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 10.00%#			
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.46	94	36636	0.31	ug/mL	78
3) DMMP	3.49	79	2965	0.02	ug/mL#	80
4) DIMP	4.86	97	7365	0.05	ug/mL#	52
5) 1,4-Oxathiane	3.58	46	31026	0.21	ug/mL#	52
7) 1,4-Dithiane	5.04	46	27691	0.23	ug/mL	96
9) Benzothiazole	6.24	135	151513	0.45	ug/mL	88
11) p-Chlorophenylmethylsulfid	6.46	158	106978	0.52	ug/mL	93
13) p-Chlorophenylmethylsulfox	7.93	159	38884	0.36	ug/mL	95
14) p-Chlorophenylmethylsulfon	8.09	111	92624	0.45	ug/mL	93

(#) = qualifier out of range (m) = manual integration