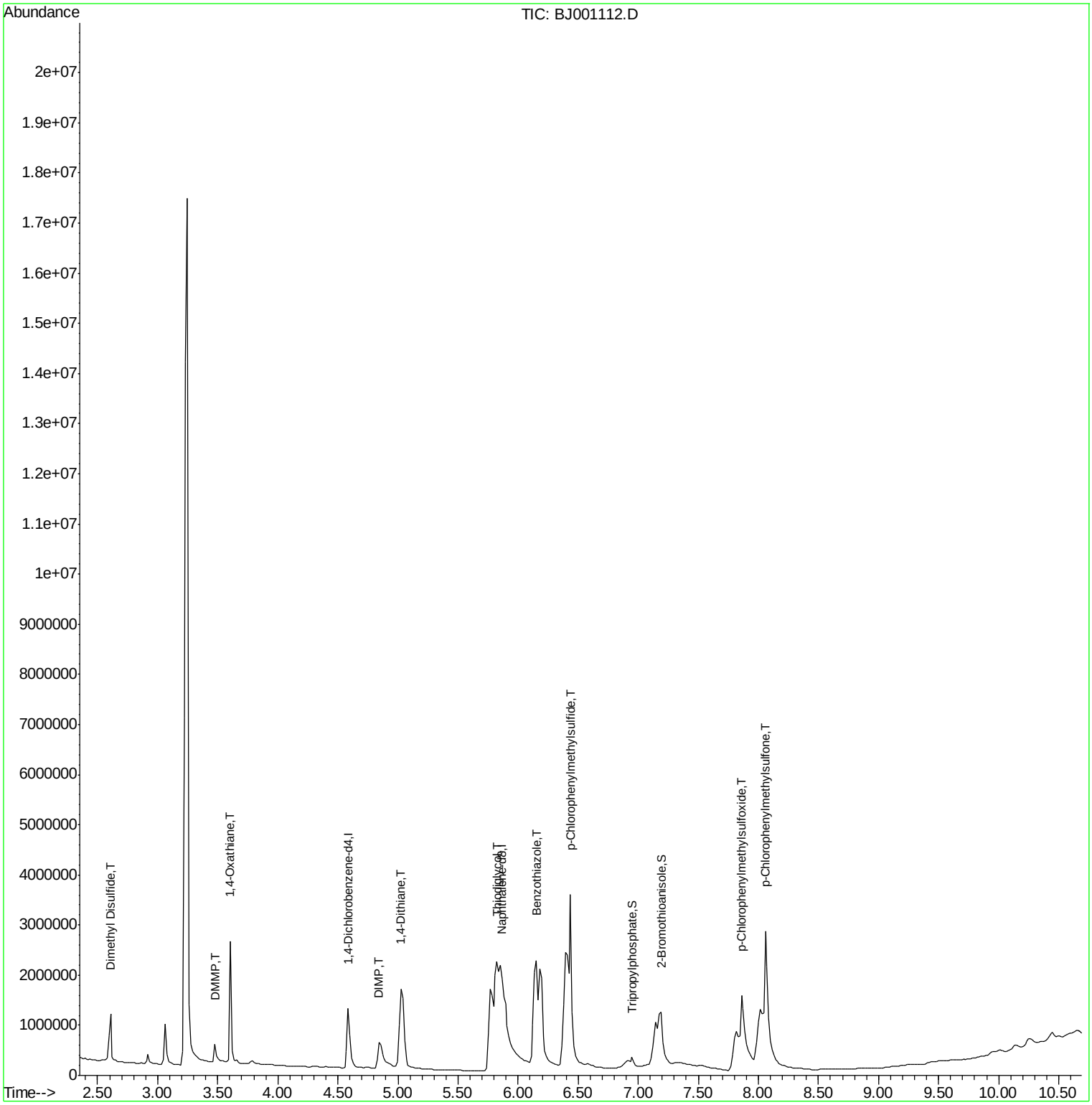
Quantitation Report (QT Reviewed)

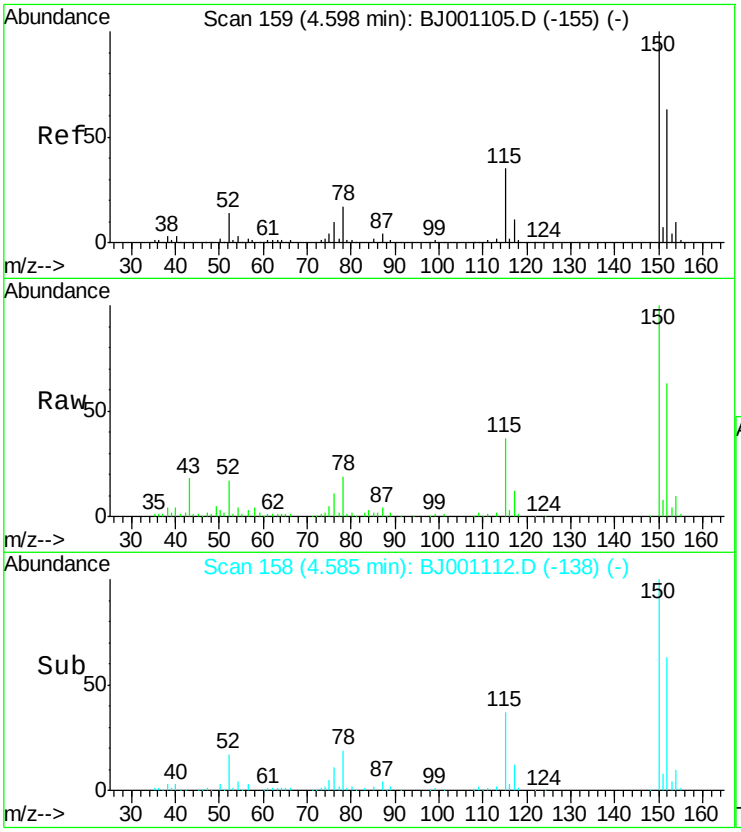
Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ091112\
Data File : BJ001112.D
Acq On : 11 Sep 2012 20:04
Operator : HLM
Sample : PB65544BSD
Misc : WATER BNA_J HLM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 20 04:58:44 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M
Quant Title : CWA degredation products by GCMS
QLast Update : Tue Sep 11 15:37:34 2012
Response via : Initial Calibration

Instrument :
BNA_J
ClientSampleId :
SLCSD01

Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:33 AM





#1
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.59 min Scan# 158
Delta R.T. -0.01 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion:152 Resp: 398821

Ion	Ratio	Lower	Upper
152	100		
115	57.8	35.3	75.3

Instrument :
BNA_J
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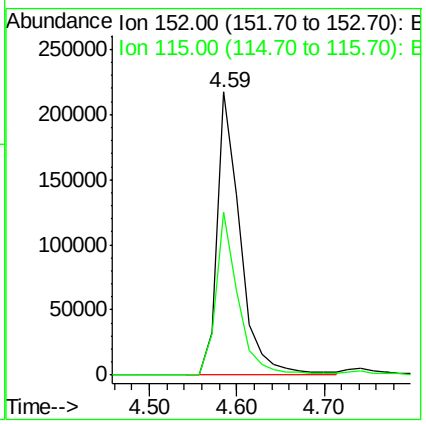
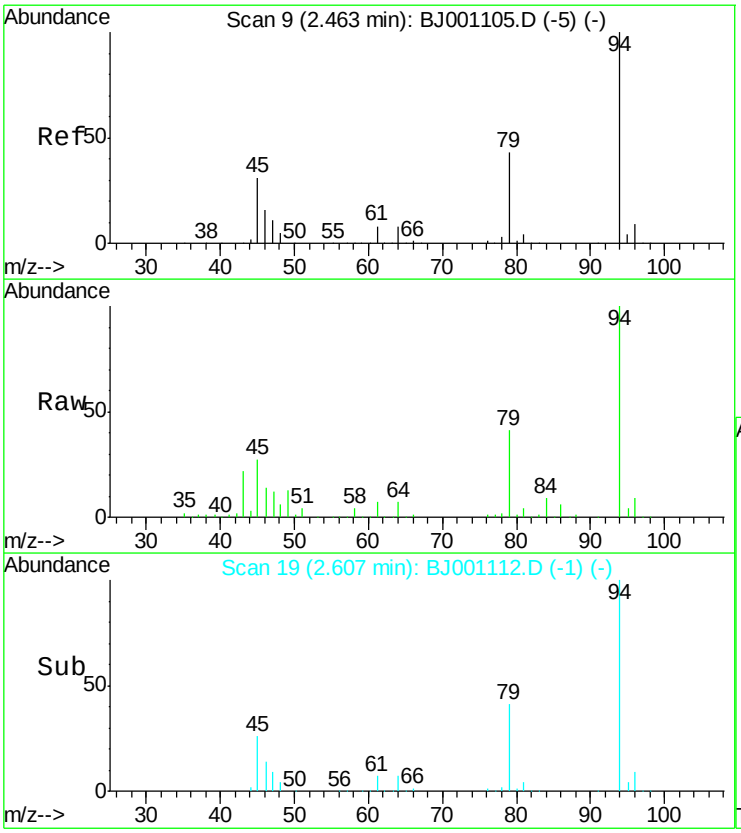
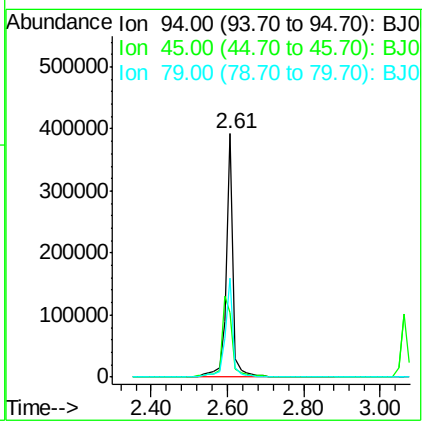


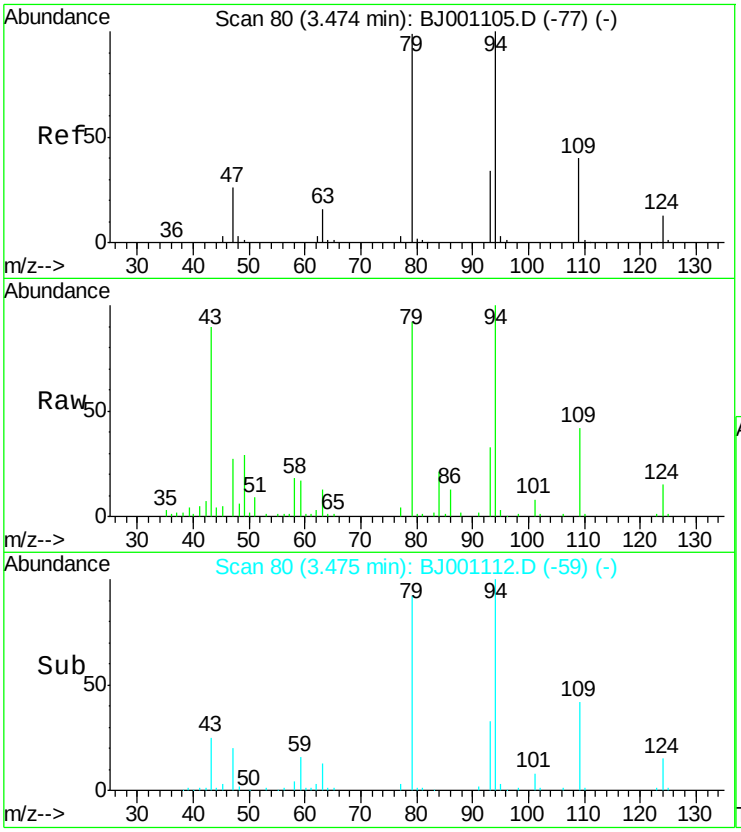


#2
Dimethyl Disulfide
Concen: 2.86 ug/mL m
RT: 2.61 min Scan# 19
Delta R.T. 0.14 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion: 94 Resp: 502237

Ion	Ratio	Lower	Upper
94	100		
45	26.7	12.7	52.7
79	40.6	22.9	62.9

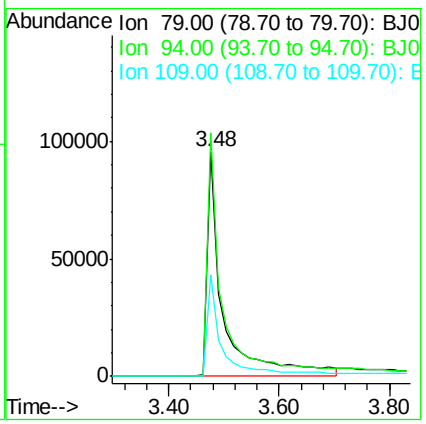




#3
DMMP
Concen: 1.53 ug/mL
RT: 3.48 min Scan# 80
Delta R.T. 0.00 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion: 79 Resp: 198440

Ion	Ratio	Lower	Upper
79	100		
94	108.3	80.9	120.9
109	45.0	20.3	60.3



Instrument :
BNA_J
ClientSampleId :
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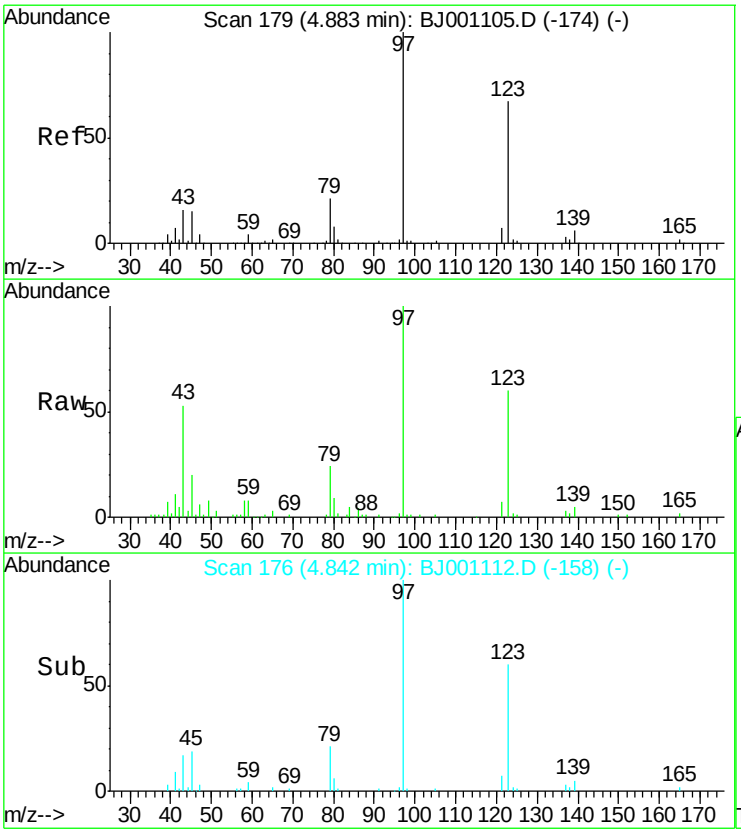
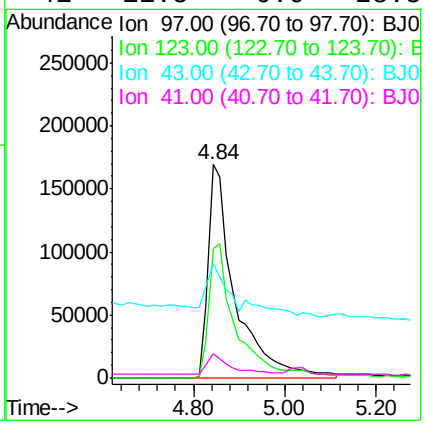
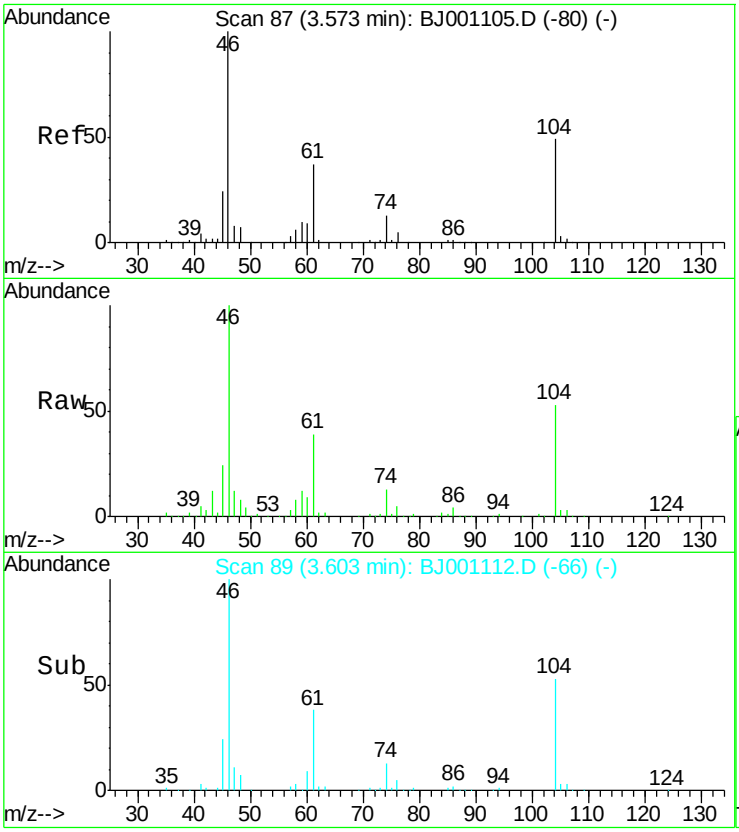


#4
DIMP
Concen: 1.69 ug/mL
RT: 4.84 min Scan# 176
Delta R.T. -0.04 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion: 97 Resp: 686906

Ion	Ratio	Lower	Upper
97	100		
123	60.4	47.2	87.2
43	53.1	0.0	36.5#
41	11.5	0.0	28.5

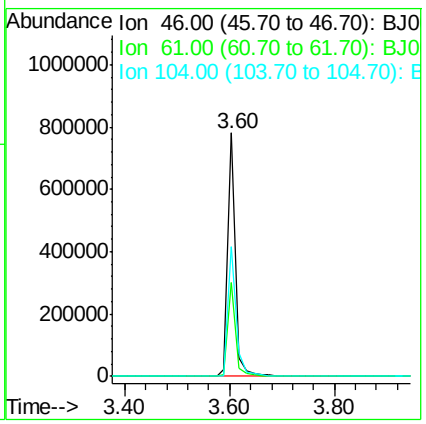




#5
1,4-Oxathiane
Concen: 4.69 ug/mL
RT: 3.60 min Scan# 89
Delta R.T. 0.03 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion: 46 Resp: 786549

Ion	Ratio	Lower	Upper
46	100		
61	38.6	17.1	57.1
104	53.4	29.3	69.3



Instrument :
BNA_J
ClientSampleId :
SLCSD01

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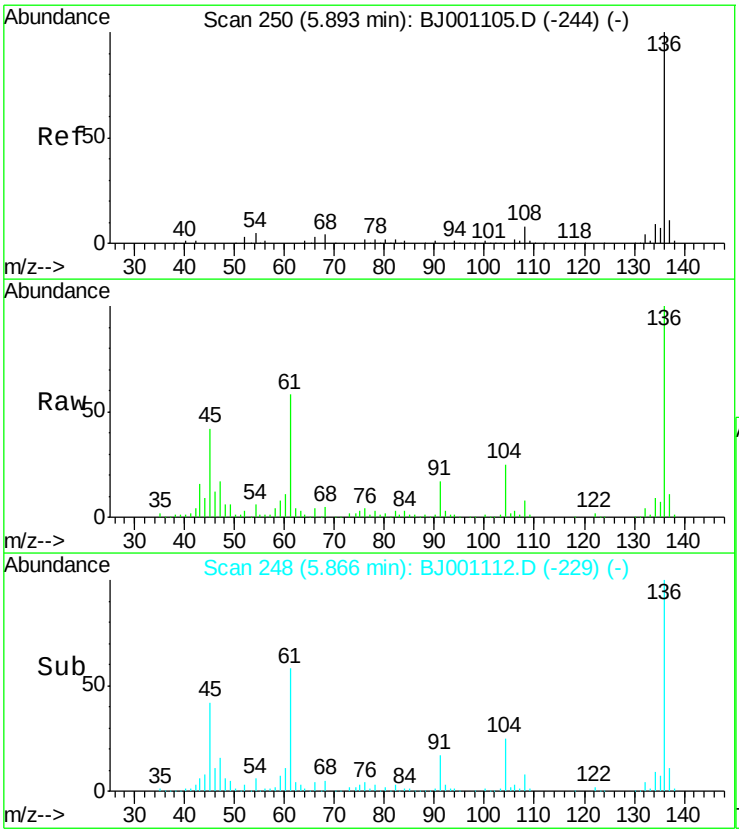
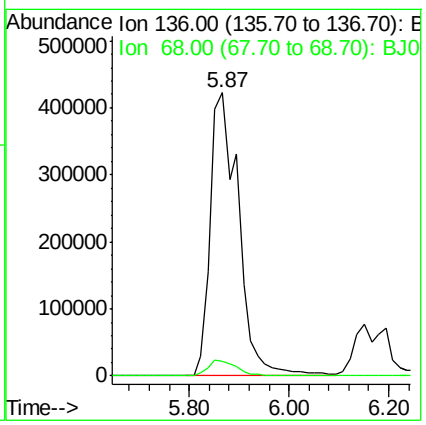
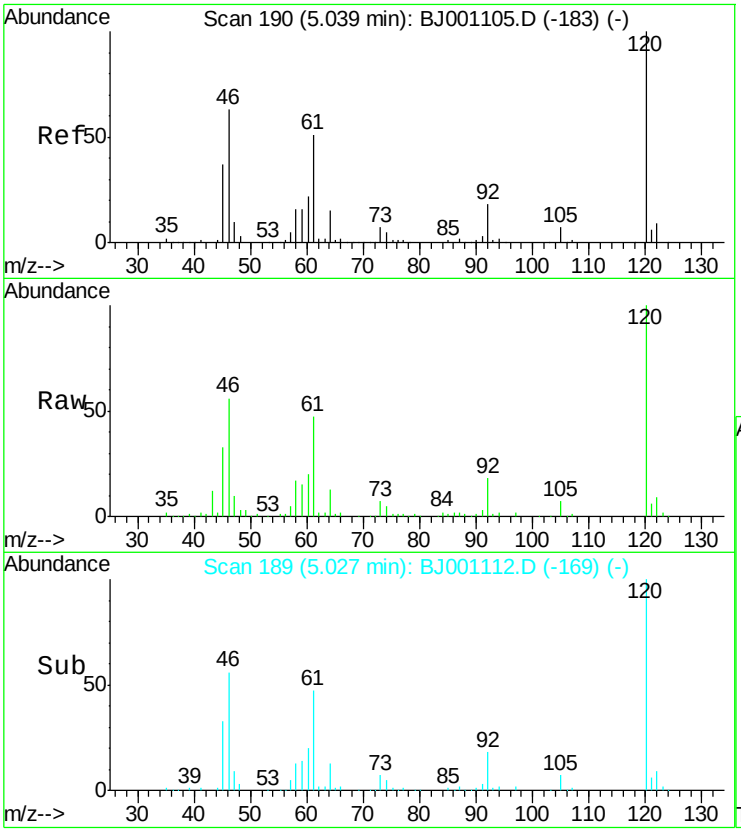


#6
Naphthalene-d8
Concen: 2.00 ug/mL
RT: 5.87 min Scan# 248
Delta R.T. -0.03 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion:136 Resp: 1648022

Ion	Ratio	Lower	Upper
136	100		
68	5.1	0.0	24.4

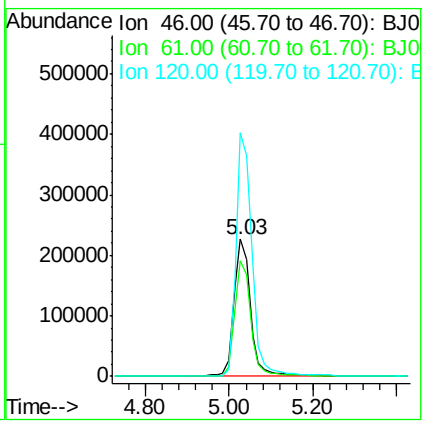




#7
1,4-Dithiane
Concen: 4.43 ug/mL
RT: 5.03 min Scan# 189
Delta R.T. -0.01 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion: 46 Resp: 622616

Ion	Ratio	Lower	Upper
46	100		
61	84.1	60.0	100.0
120	177.4	138.1	178.1



Instrument :
BNA_J
ClientSampleId :
SLCSD01

Manual Integrations APPROVED
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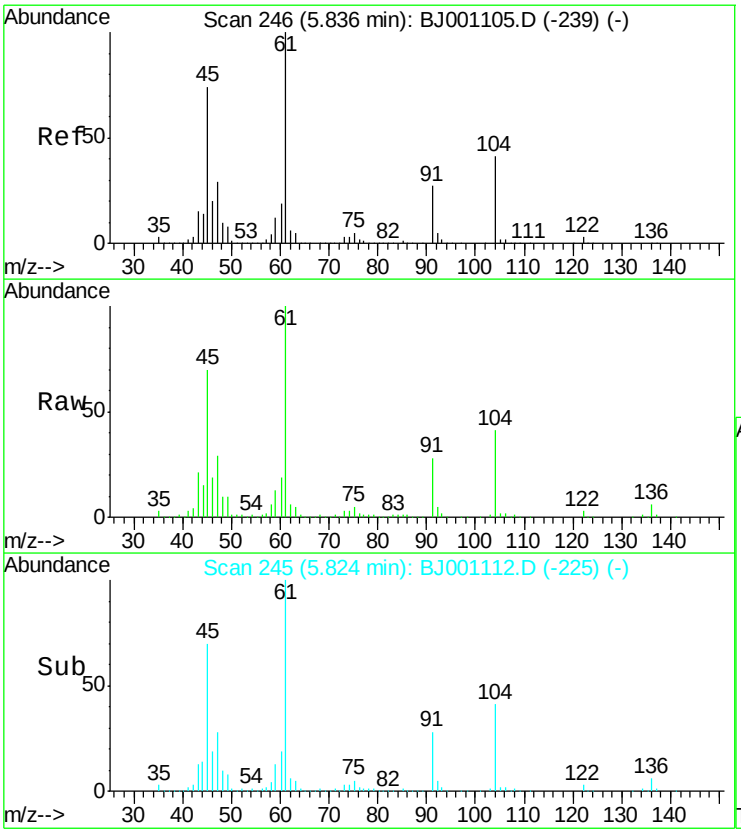
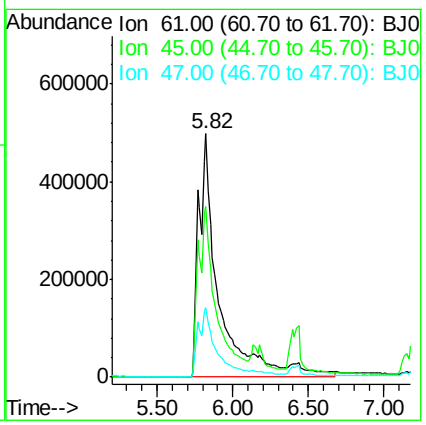
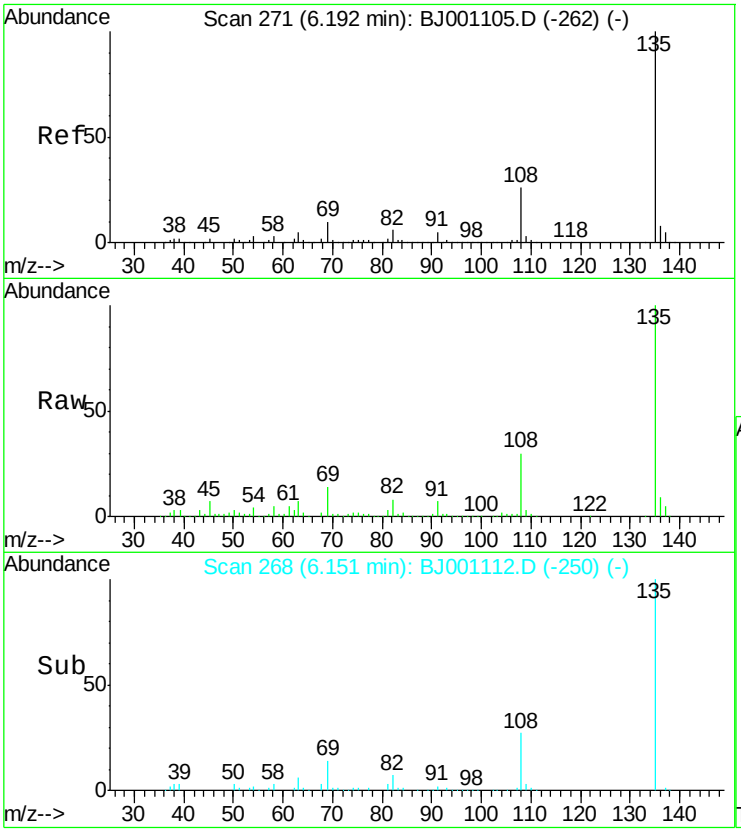


#8
Thiodiglycol
Concen: 35.43 ug/mL m
RT: 5.82 min Scan# 245
Delta R.T. -0.01 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion: 61 Resp: 4729484

Ion	Ratio	Lower	Upper
61	100		
45	70.3	54.0	94.0
47	28.6	9.6	49.6

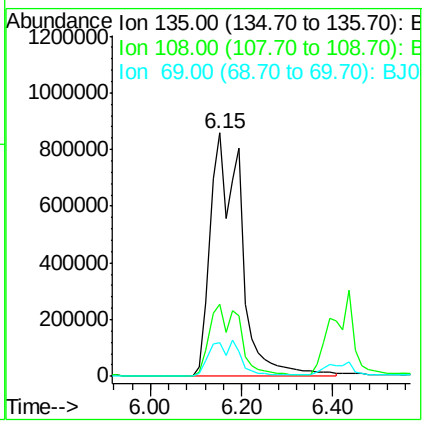




#9
Benzothiazole
Concen: 8.94 ug/mL
RT: 6.15 min Scan# 268
Delta R.T. -0.04 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion:135 Resp: 4003748

Ion	Ratio	Lower	Upper
135	100		
108	29.7	5.8	45.8
69	14.0	0.0	30.2



Instrument :
BNA_J
ClientSampleId :
SLCSD01

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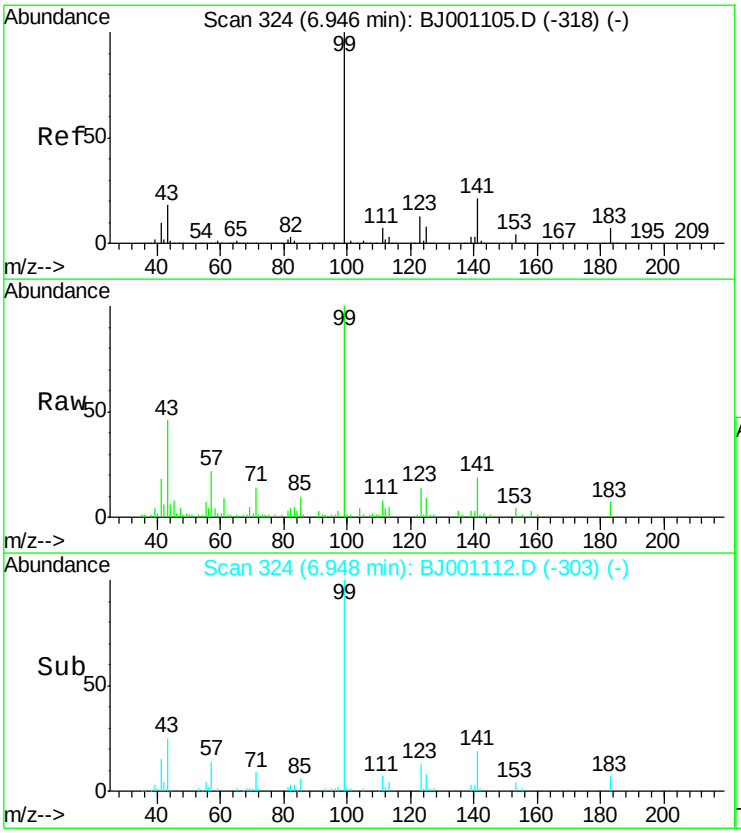
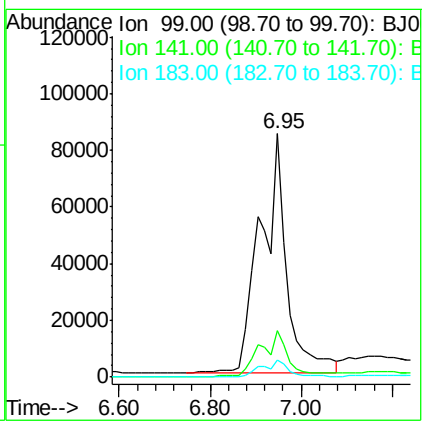
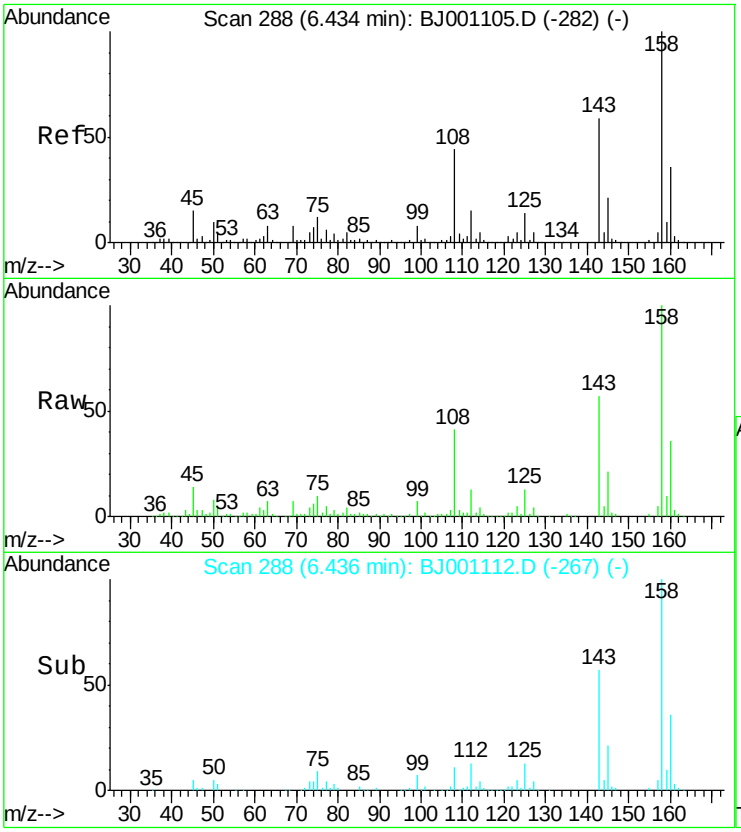


#10
Tripropylphosphate
Concen: 0.48 ug/mL
RT: 6.95 min Scan# 324
Delta R.T. 0.00 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion: 99 Resp: 343226

Ion	Ratio	Lower	Upper
99	100		
141	20.9	16.0	24.0
183	7.3	5.6	8.4

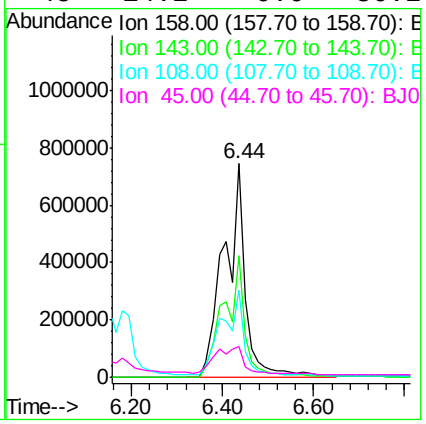




#11
p-Chlorophenylmethylsulfide
Concen: 9.20 ug/mL
RT: 6.44 min Scan# 288
Delta R.T. 0.00 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion:158 Resp: 2434024

Ion	Ratio	Lower	Upper
158	100		
143	56.8	39.2	79.2
108	40.8	24.9	64.9
45	14.2	0.0	36.2



Instrument :
BNA_J
ClientSampleId :
SLCSD01

Manual Integrations APPROVED
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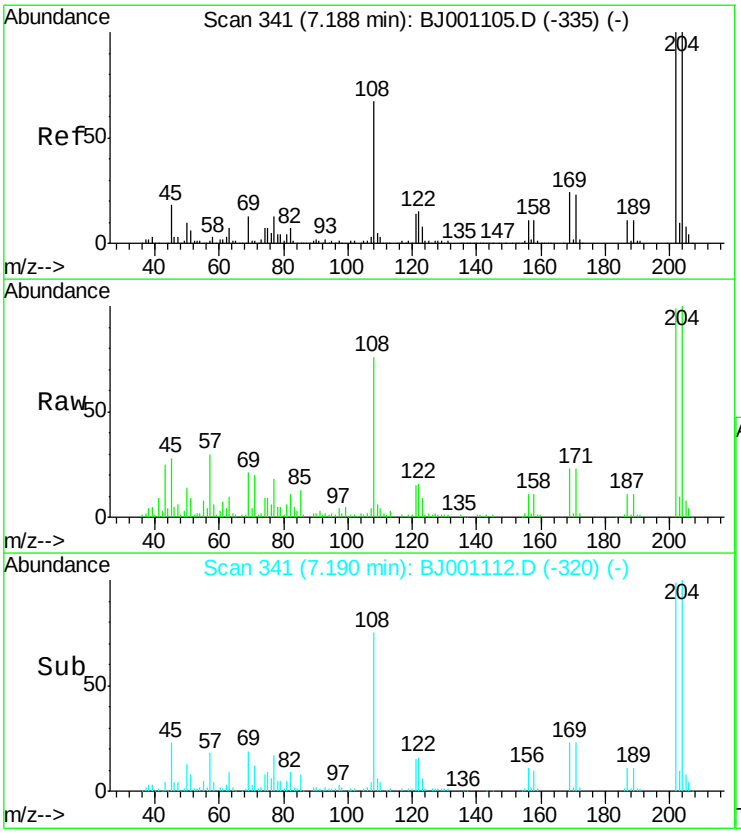
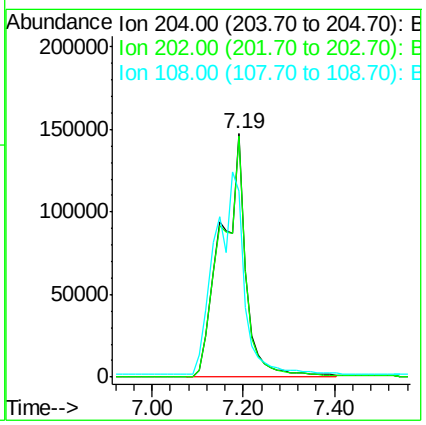
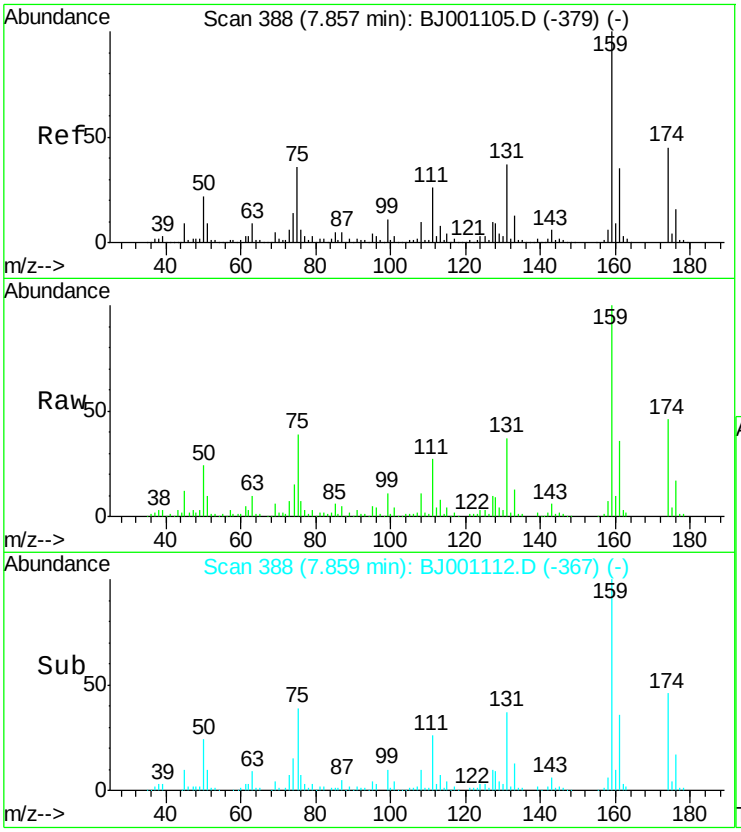


#12
2-Bromothioanisole
Concen: 4.36 ug/mL
RT: 7.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion:204 Resp: 555178

Ion	Ratio	Lower	Upper
204	100		
202	99.3	79.8	119.8
108	76.5	47.7	87.7

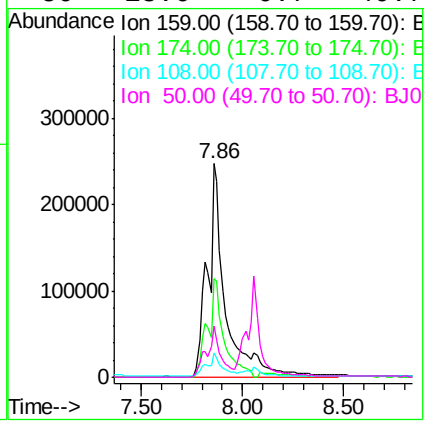




#13
p-Chlorophenylmethylsulfoxide
Concen: 9.26 ug/mL m
RT: 7.86 min Scan# 388
Delta R.T. 0.00 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion:159 Resp: 1567778

Ion	Ratio	Lower	Upper
159	100		
174	41.3	27.2	67.2
108	8.3	0.0	29.4
50	18.6	0.7	40.7



Instrument :
BNA_J
ClientSampleId :
SLCSD01

Manual Integrations APPROVED
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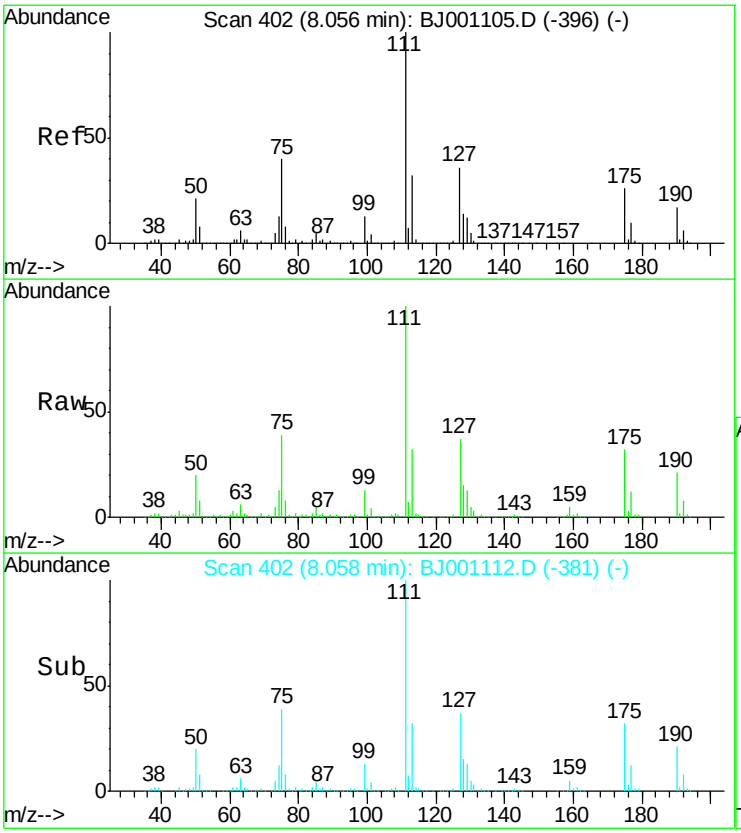
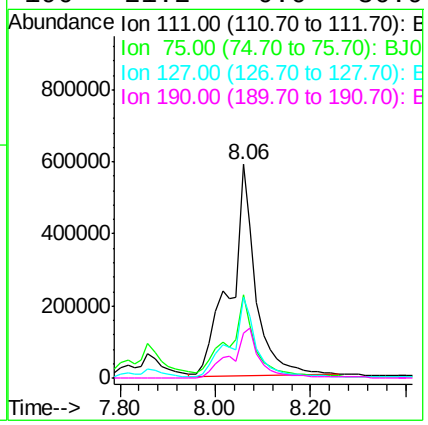


#14
p-Chlorophenylmethylsulfone
Concen: 10.15 ug/mL
RT: 8.06 min Scan# 402
Delta R.T. 0.00 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion:111 Resp: 2133597

Ion	Ratio	Lower	Upper
111	100		
75	38.8	21.3	61.3
127	37.5	16.0	56.0
190	21.2	0.0	36.9



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ091112\
Data File : BJ001112.D
Acq On : 11 Sep 2012 20:04
Operator : HLM
Sample : PB65544BSD
Misc : WATER BNA_J HLM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_J
ClientSampleId :
SLCSD01

Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:33 AM

Quant Time: Sep 20 04:58:44 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M
Quant Title : CWA degredation products by GCMS
QLast Update : Tue Sep 11 15:37:34 2012
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.59	152	398821	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.87	136	1648022	2.00	ug/mL	-0.03
System Monitoring Compounds						
10) Tripropylphosphate	6.95	99	343226	0.48	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 96.00%			
12) 2-Bromothioanisole	7.19	204	555178	4.36	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.61	94	502237m	2.86	ug/mL	
3) DMMP	3.48	79	198440	1.53	ug/mL	93
4) DIMP	4.84	97	686906	1.69	ug/mL#	78
5) 1,4-Oxathiane	3.60	46	786549	4.69	ug/mL	96
7) 1,4-Dithiane	5.03	46	622616	4.43	ug/mL	89
8) Thiodiglycol	5.82	61	4729484m	35.43	ug/mL	
9) Benzothiazole	6.15	135	4003748	8.94	ug/mL	92
11) p-Chlorophenylmethylsulfid	6.44	158	2434024	9.20	ug/mL	95
13) p-Chlorophenylmethylsulfox	7.86	159	1567778m	9.26	ug/mL	
14) p-Chlorophenylmethylsulfon	8.06	111	2133597	10.15	ug/mL	96

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