Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ120412\
Data File : BJ001315.D
Acq On : 4 Dec 2012 17:41
Operator : HLM
Sample : PB67200BSD
Misc : WATER BNA_J HLM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_J
ClientSampleId : PB67200BSD

Quant Time: Dec 08 03:24:52 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
Quant Title : CWA degredation products by GCMS
QLast Update : Wed Dec 05 11:26:13 2012
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.36	152	252726	2.00	ug/mL	-0.02
6) Naphthalene-d8	5.62	136	1015078	2.00	ug/mL	-0.02
System Monitoring Compounds						
10) Tripropylphosphate	6.69	99	222293	0.44	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 88.00%			
12) 2-Bromothioanisole	6.92	204	398622	4.72	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.51	94	496130m	3.59	ug/mL	
3) DMMP	3.27	79	480702m	3.69	ug/mL	
4) DIMP	4.64	97	519022	1.77	ug/mL	92
5) 1,4-Oxathiane	3.40	46	656929	4.31	ug/mL	93
7) 1,4-Dithiane	4.78	46	538459	4.38	ug/mL	97
8) Thiodiglycol	5.55	61	4191419m	40.23	ug/mL	
9) Benzothiazole	5.91	135	2837626	10.01	ug/mL	99
11) p-Chlorophenylmethylsulfid	6.16	158	1626793	9.16	ug/mL	97
13) p-Chlorophenylmethylsulfox	7.59	159	1206596	10.06	ug/mL	97
14) p-Chlorophenylmethylsulfon	7.79	111	1555345	8.93	ug/mL	96

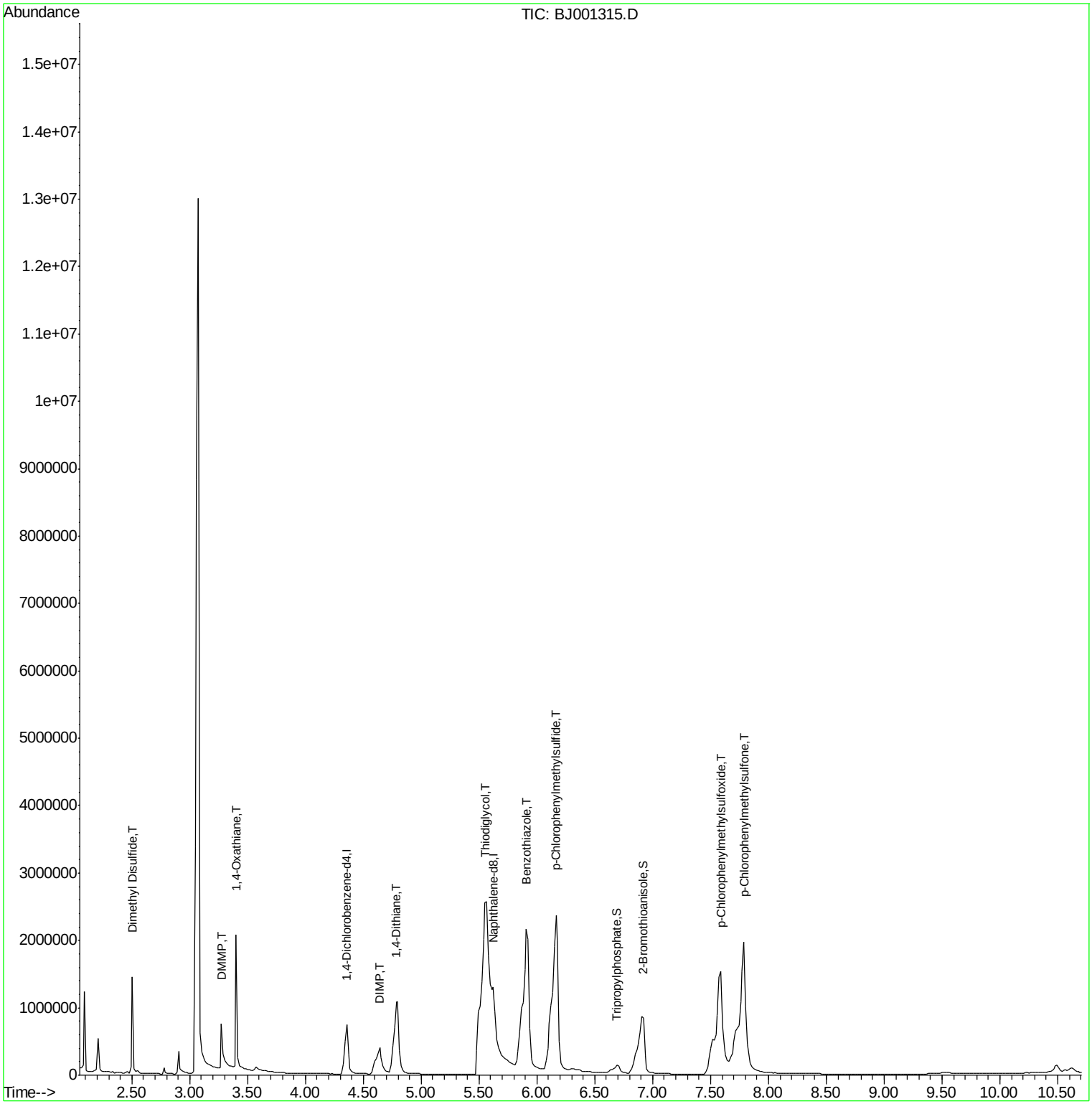
(#) = qualifier out of range (m) = manual integration (+) = signals summed

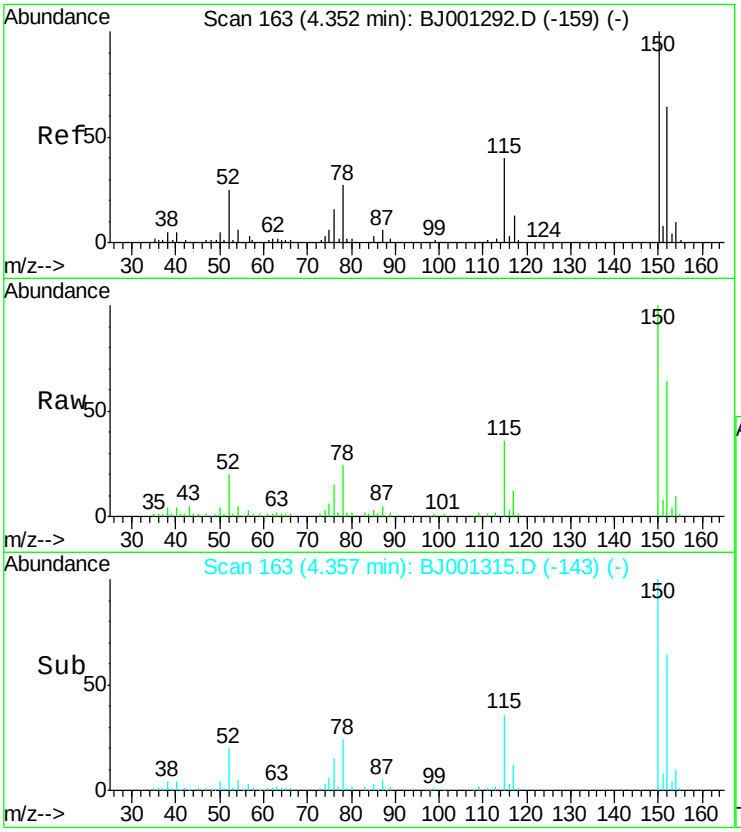
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ120412\
Data File : BJ001315.D
Acq On : 4 Dec 2012 17:41
Operator : HLM
Sample : PB67200BSD
Misc : WATER BNA_J HLM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Quant Time: Dec 08 03:24:52 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
Quant Title : CWA degredation products by GCMS
QLast Update : Wed Dec 05 11:26:13 2012
Response via : Initial Calibration



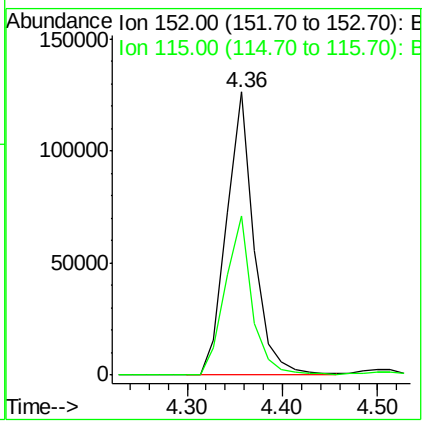


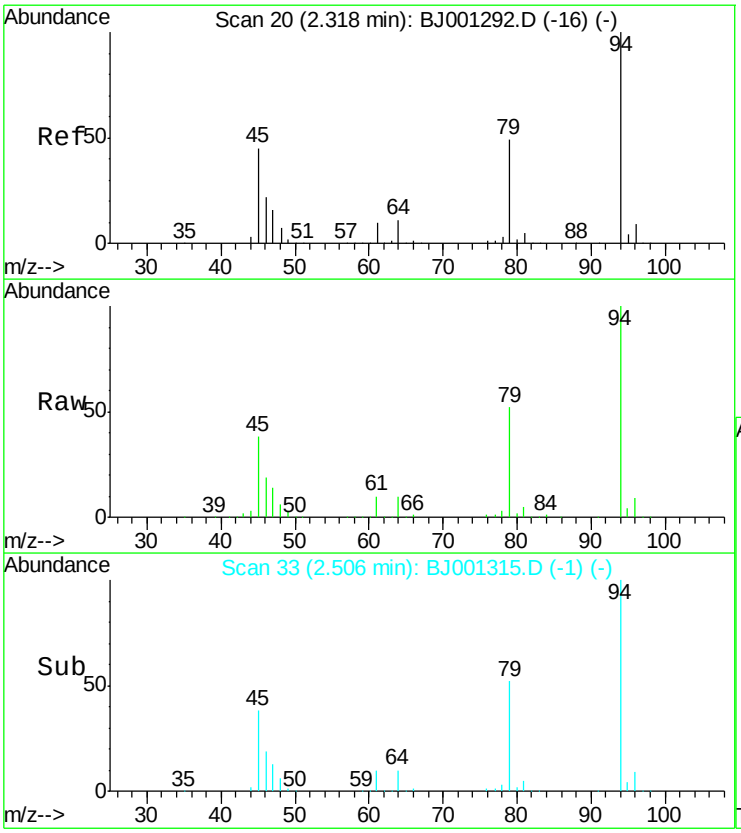
#1
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.36 min Scan# 163
Delta R.T. -0.02 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Tgt Ion:152 Resp: 252726

Ion	Ratio	Lower	Upper
152	100		
115	56.1	26.3	66.3

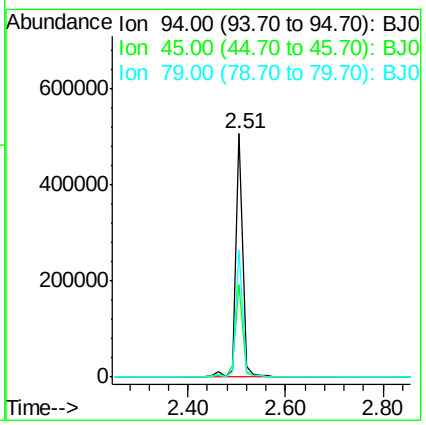


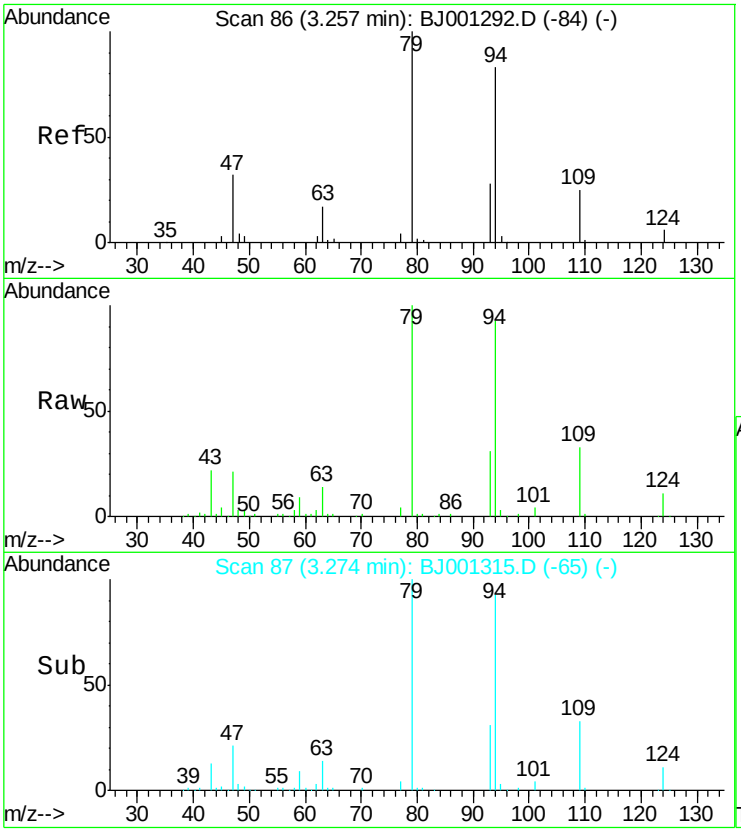


#2
Dimethyl Disulfide
Concen: 3.59 ug/mL m
RT: 2.51 min Scan# 33
Delta R.T. 0.20 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion: 94 Resp: 496130

Ion	Ratio	Lower	Upper
94	100		
45	38.1	26.5	66.5
79	52.3	33.4	73.4



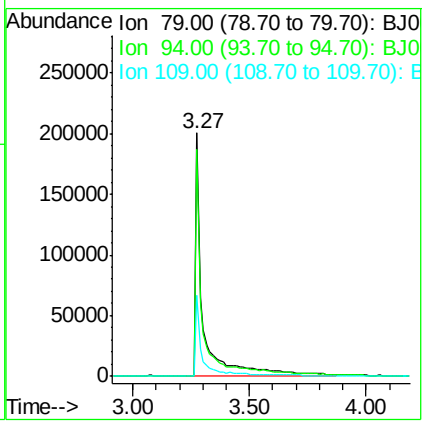


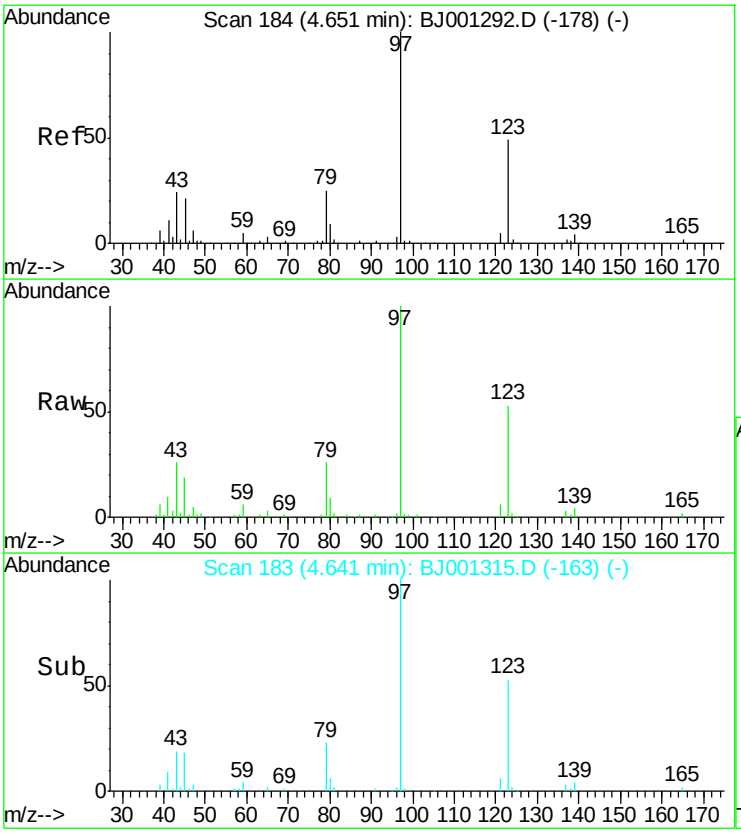
#3
DMMP
Concen: 3.69 ug/mL m
RT: 3.27 min Scan# 87
Delta R.T. 0.01 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Tgt Ion: 79 Resp: 480702

Ion	Ratio	Lower	Upper
79	100		
94	93.1	69.1	109.1
109	33.5	10.5	50.5

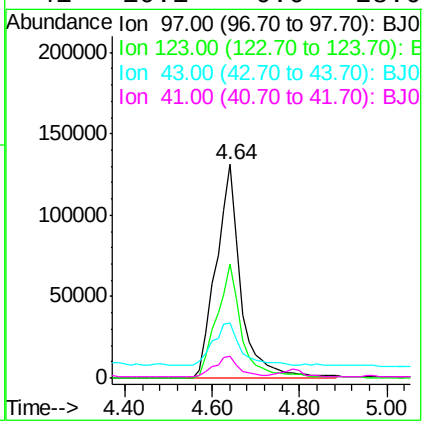


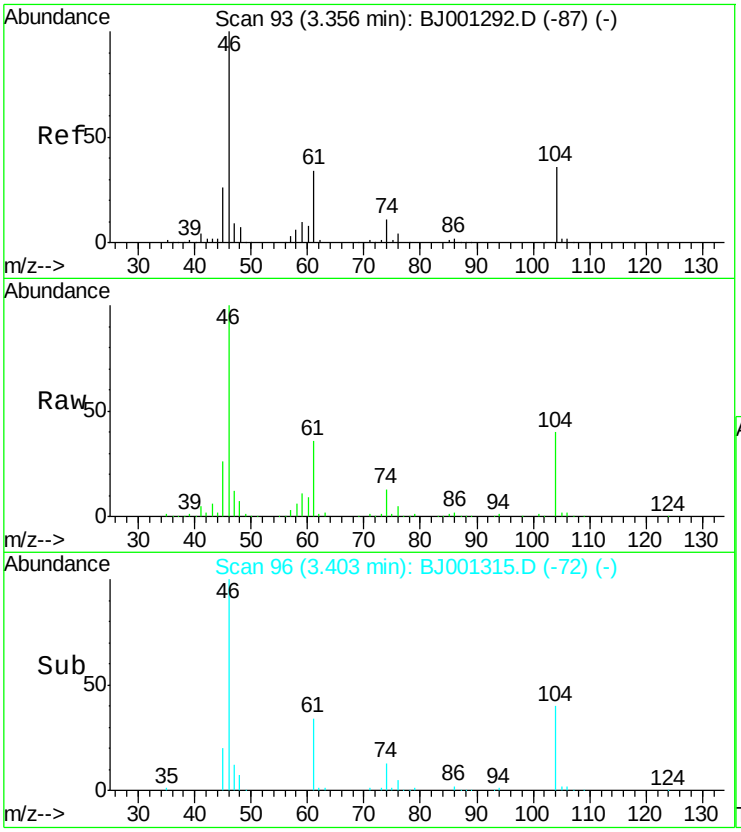


#4
DIMP
Concen: 1.77 ug/mL
RT: 4.64 min Scan# 183
Delta R.T. -0.02 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion: 97 Resp: 519022

Ion	Ratio	Lower	Upper
97	100		
123	53.4	36.4	76.4
43	26.0	0.0	37.2
41	10.1	0.0	28.0



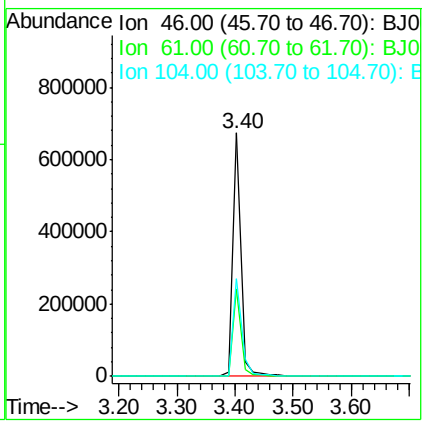


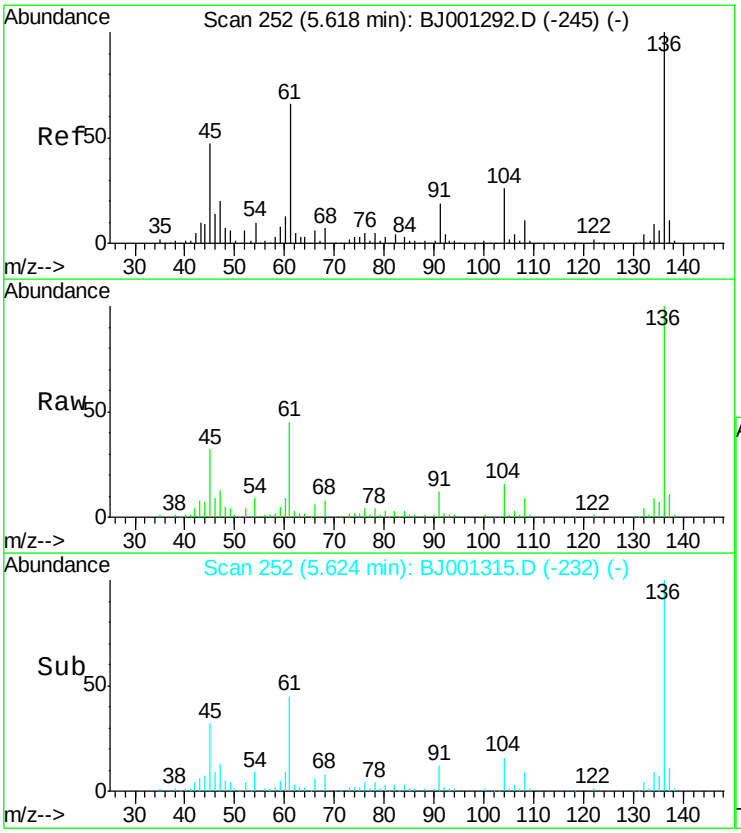
#5
1,4-Oxathiane
Concen: 4.31 ug/mL
RT: 3.40 min Scan# 96
Delta R.T. 0.04 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Tgt Ion: 46 Resp: 656929

Ion	Ratio	Lower	Upper
46	100		
61	35.8	13.2	53.2
104	39.9	14.2	54.2

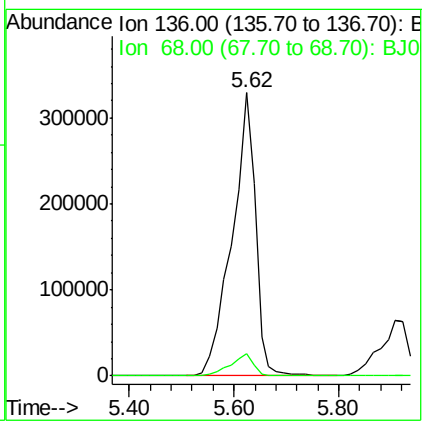


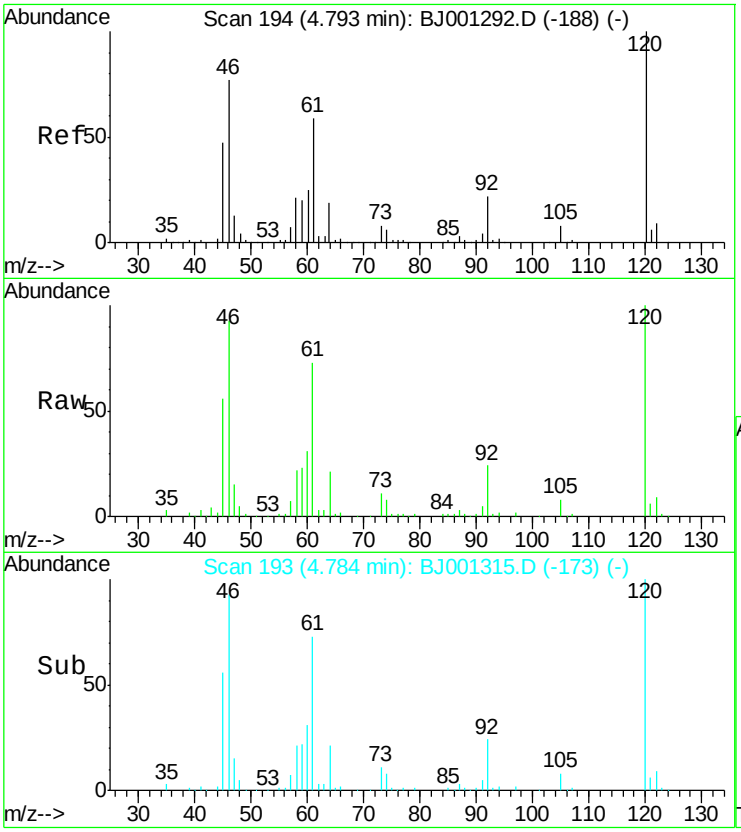


#6
Naphthalene-d8
Concen: 2.00 ug/mL
RT: 5.62 min Scan# 252
Delta R.T. -0.02 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion:136 Resp: 1015078

Ion	Ratio	Lower	Upper
136	100		
68	7.7	0.0	25.9



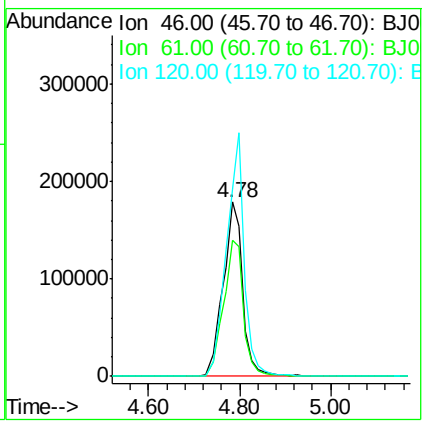


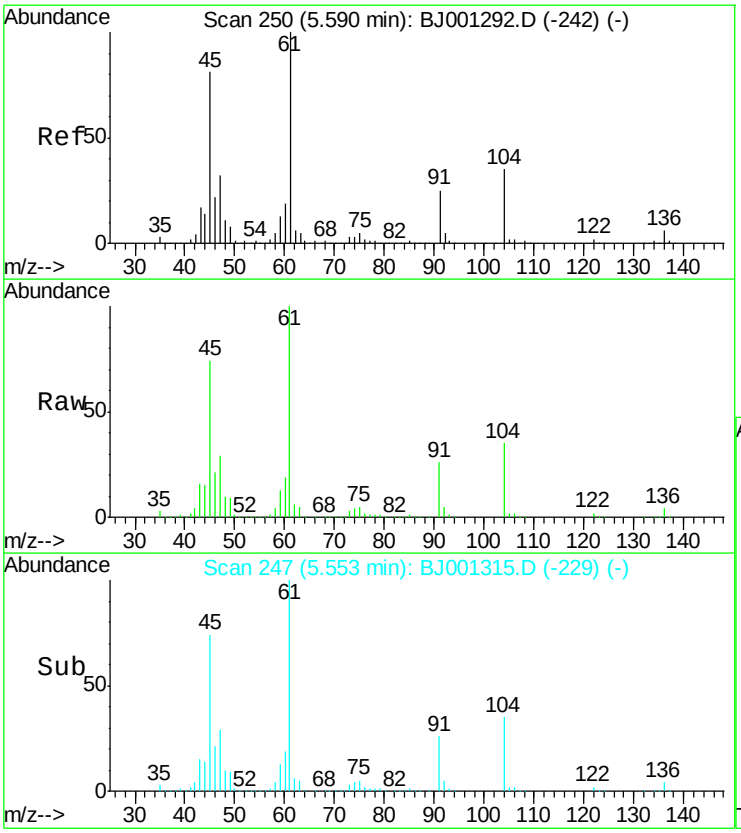
#7
1,4-Dithiane
Concen: 4.38 ug/mL
RT: 4.78 min Scan# 193
Delta R.T. -0.02 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Tgt Ion: 46 Resp: 538459

Ion	Ratio	Lower	Upper
46	100		
61	78.1	57.0	97.0
120	107.3	91.5	131.5

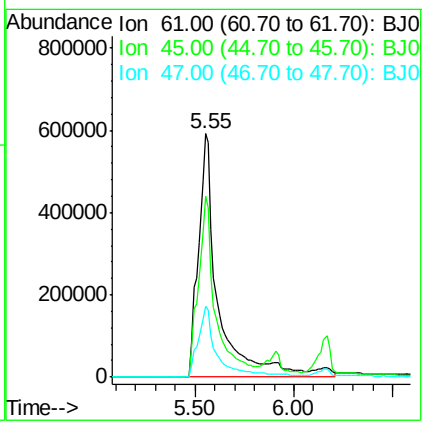


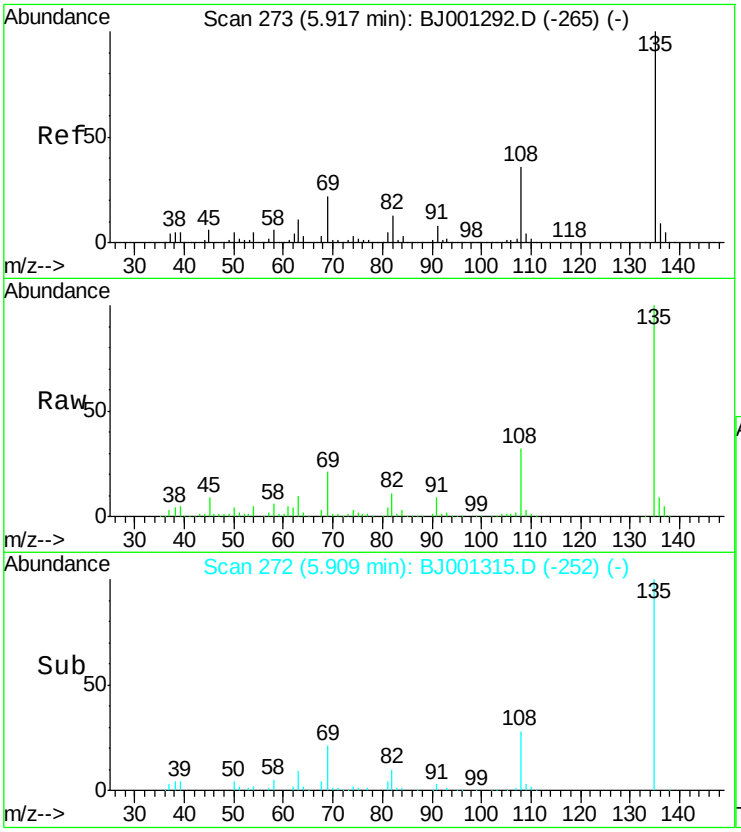


#8
Thiodiglycol
Concen: 40.23 ug/mL m
RT: 5.55 min Scan# 247
Delta R.T. -0.04 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion: 61 Resp: 4191419

Ion	Ratio	Lower	Upper
61	100		
45	74.2	56.0	96.0
47	29.2	10.0	50.0



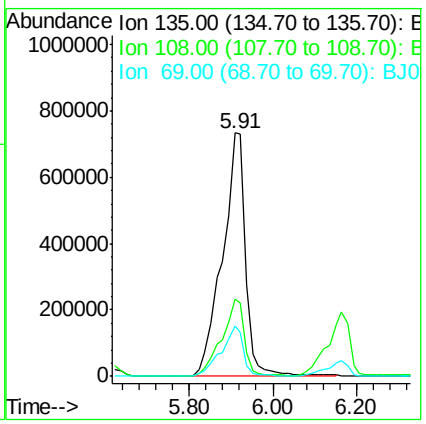


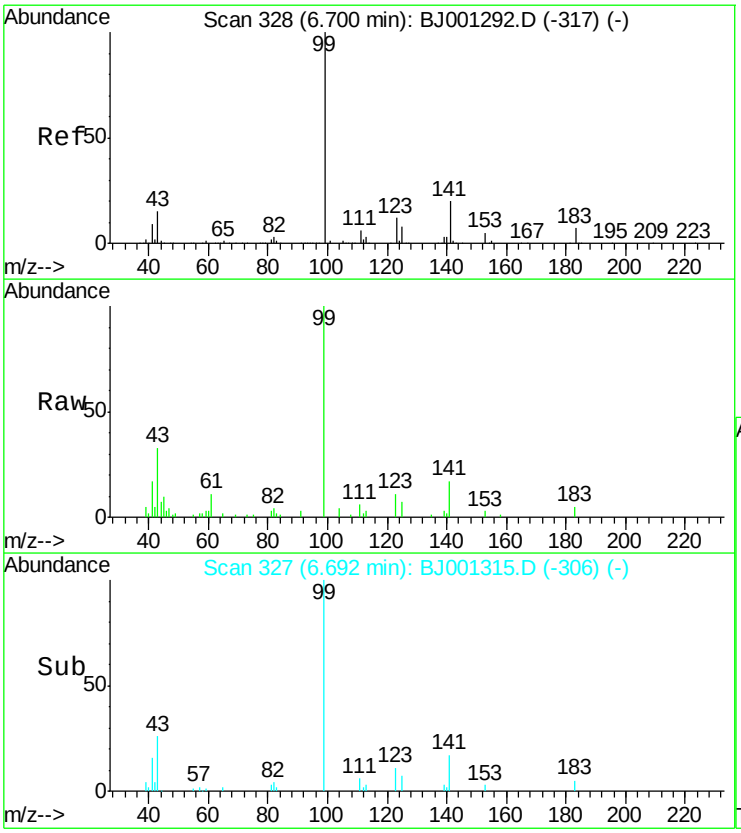
#9
Benzothiazole
Concen: 10.01 ug/mL
RT: 5.91 min Scan# 272
Delta R.T. -0.02 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Tgt Ion:135 Resp: 2837626

Ion	Ratio	Lower	Upper
135	100		
108	31.7	12.0	52.0
69	20.8	1.1	41.1

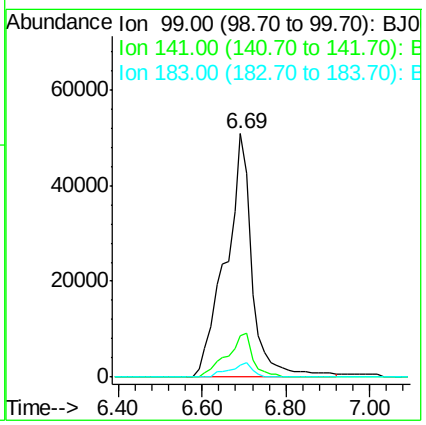


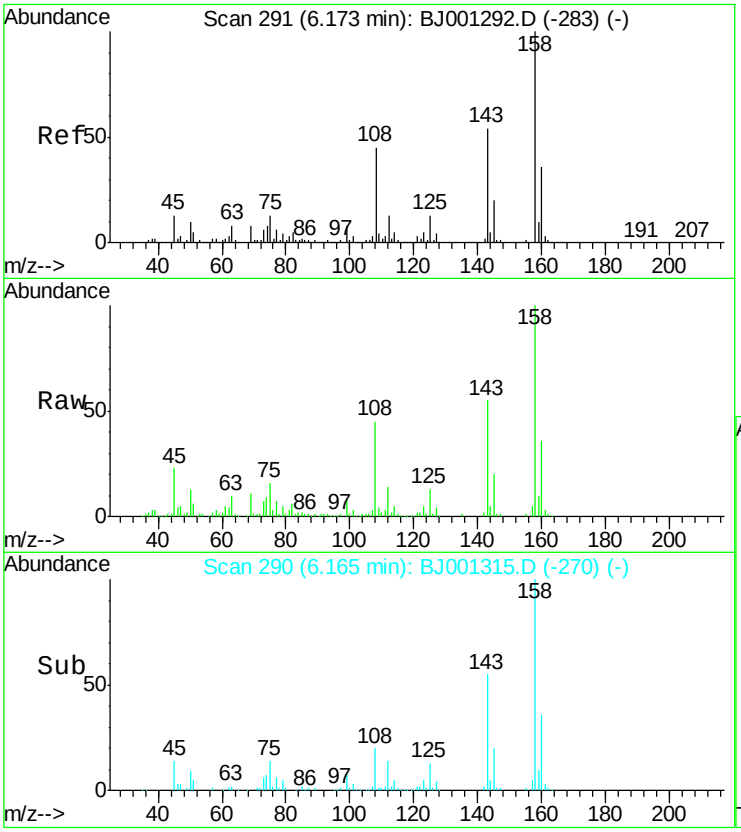


#10
Tripropylphosphate
Concen: 0.44 ug/mL
RT: 6.69 min Scan# 327
Delta R.T. -0.00 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion: 99 Resp: 222293

Ion	Ratio	Lower	Upper
99	100		
141	17.6	14.7	22.1
183	4.9	4.6	6.8



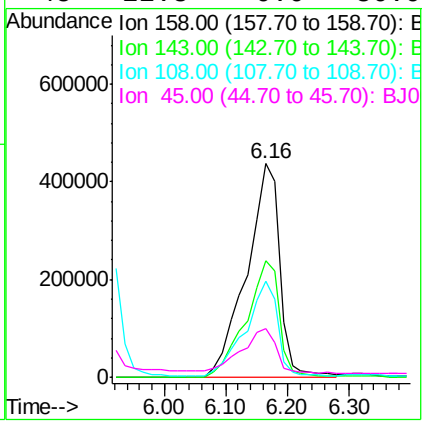


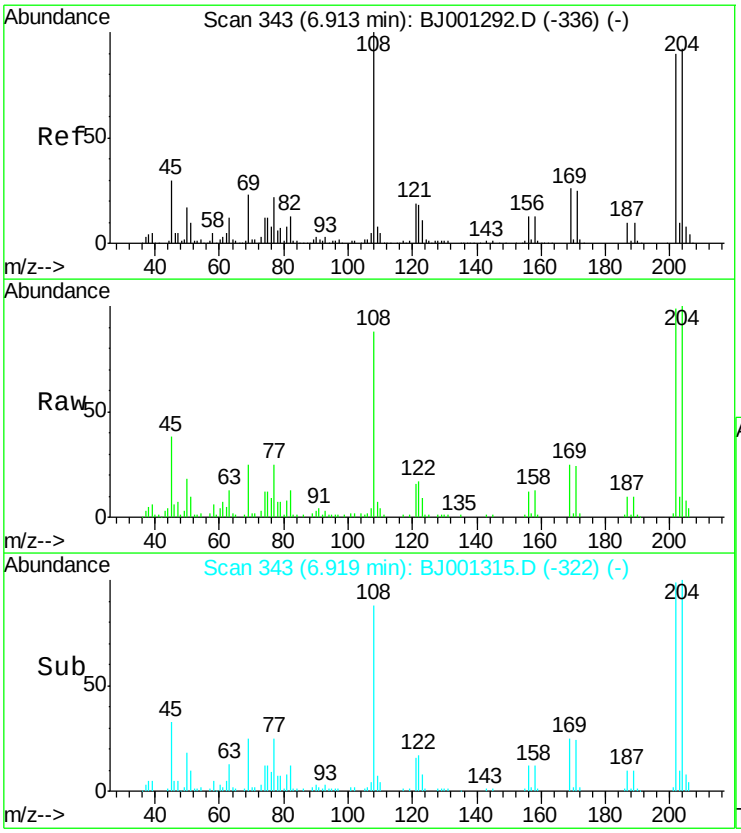
#11
p-Chlorophenylmethylsulfide
Concen: 9.16 ug/mL
RT: 6.16 min Scan# 290
Delta R.T. -0.02 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Tgt Ion:158 Resp: 1626793

Ion	Ratio	Lower	Upper
158	100		
143	54.7	34.4	74.4
108	44.7	22.9	62.9
45	22.8	0.0	36.9

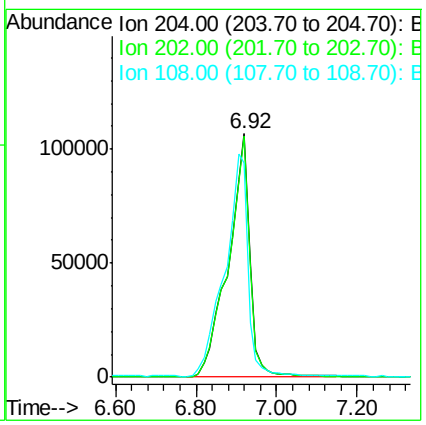


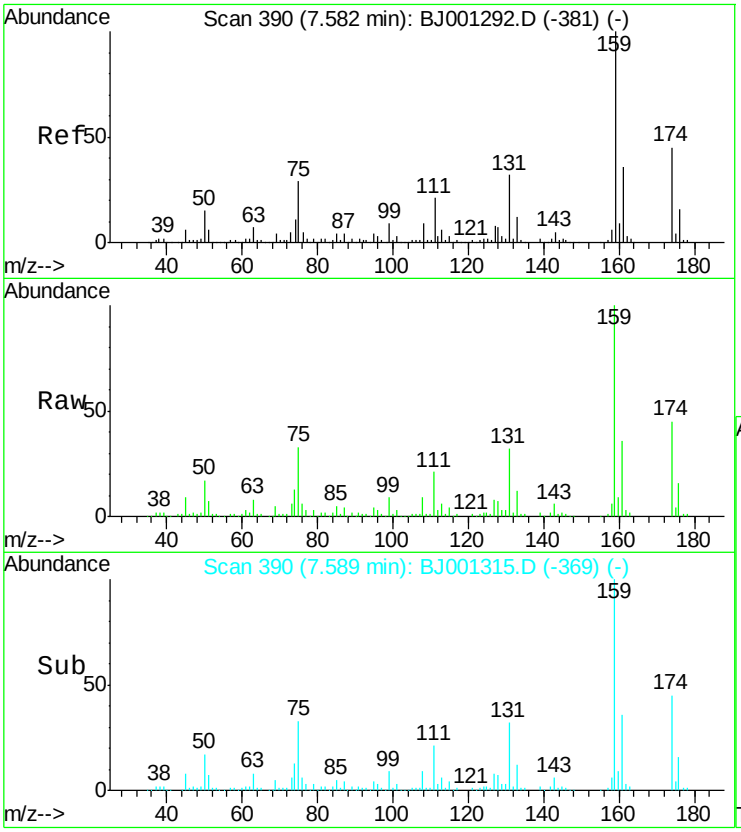


#12
2-Bromothioanisole
Concen: 4.72 ug/mL
RT: 6.92 min Scan# 343
Delta R.T. -0.00 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion:204 Resp: 398622

Ion	Ratio	Lower	Upper
204	100		
202	99.2	80.7	120.7
108	88.1	87.3	127.3



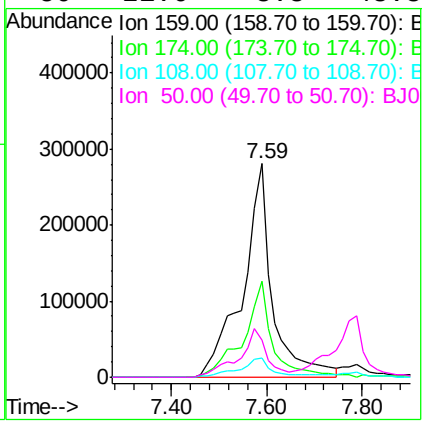


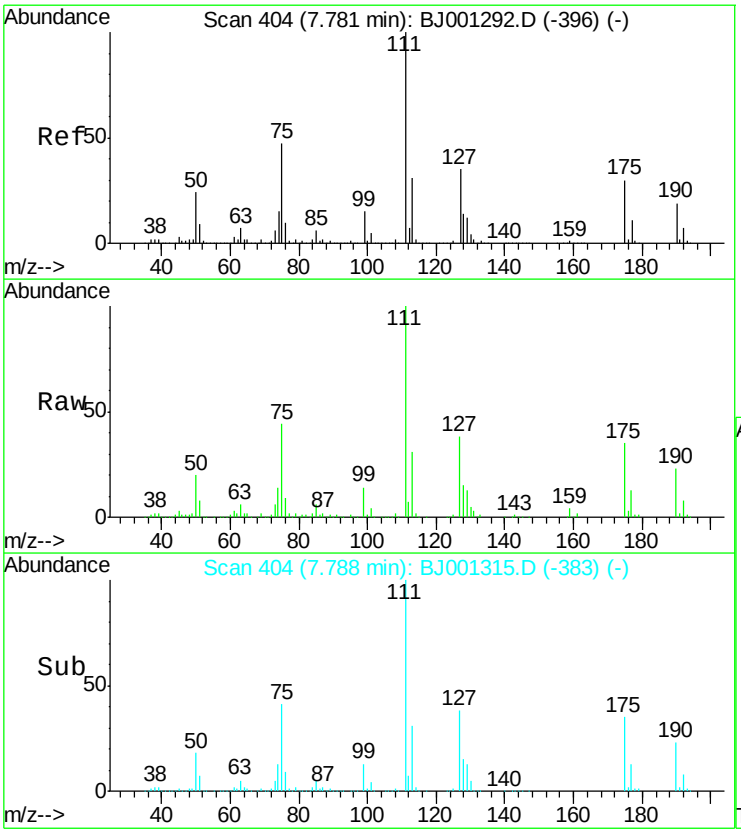
#13
p-Chlorophenylmethylsulfoxide
Concen: 10.06 ug/mL
RT: 7.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Instrument :
BNA_J
ClientSampleId :
PB67200BSD

Tgt Ion:159 Resp: 1206596

Ion	Ratio	Lower	Upper
159	100		
174	44.5	26.4	66.4
108	10.0	0.0	29.6
50	21.6	3.3	43.3





#14
p-Chlorophenylmethylsulfone
Concen: 8.93 ug/mL
RT: 7.79 min Scan# 404
Delta R.T. -0.00 min
Lab File: BJ001315.D
Acq: 4 Dec 2012 17:41

Tgt Ion:111 Resp: 1555345

Ion	Ratio	Lower	Upper
111	100		
75	44.0	27.3	67.3
127	38.4	17.0	57.0
190	22.5	0.8	40.8