

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ120412\
 Data File : BJ001314.D
 Acq On : 4 Dec 2012 17:23
 Operator : HLM
 Sample : PB67200BS
 Misc : WATER BNA_J HLM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 PB67200BS

Quant Time: Dec 08 04:29:54 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation 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	238528	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.63	136	955865	2.00	ug/mL	-0.01

System Monitoring Compounds						
10) Tripropylphosphate	6.70	99	218134	0.46	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.00%
12) 2-Bromothioanisole	6.92	204	390443	4.91	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%

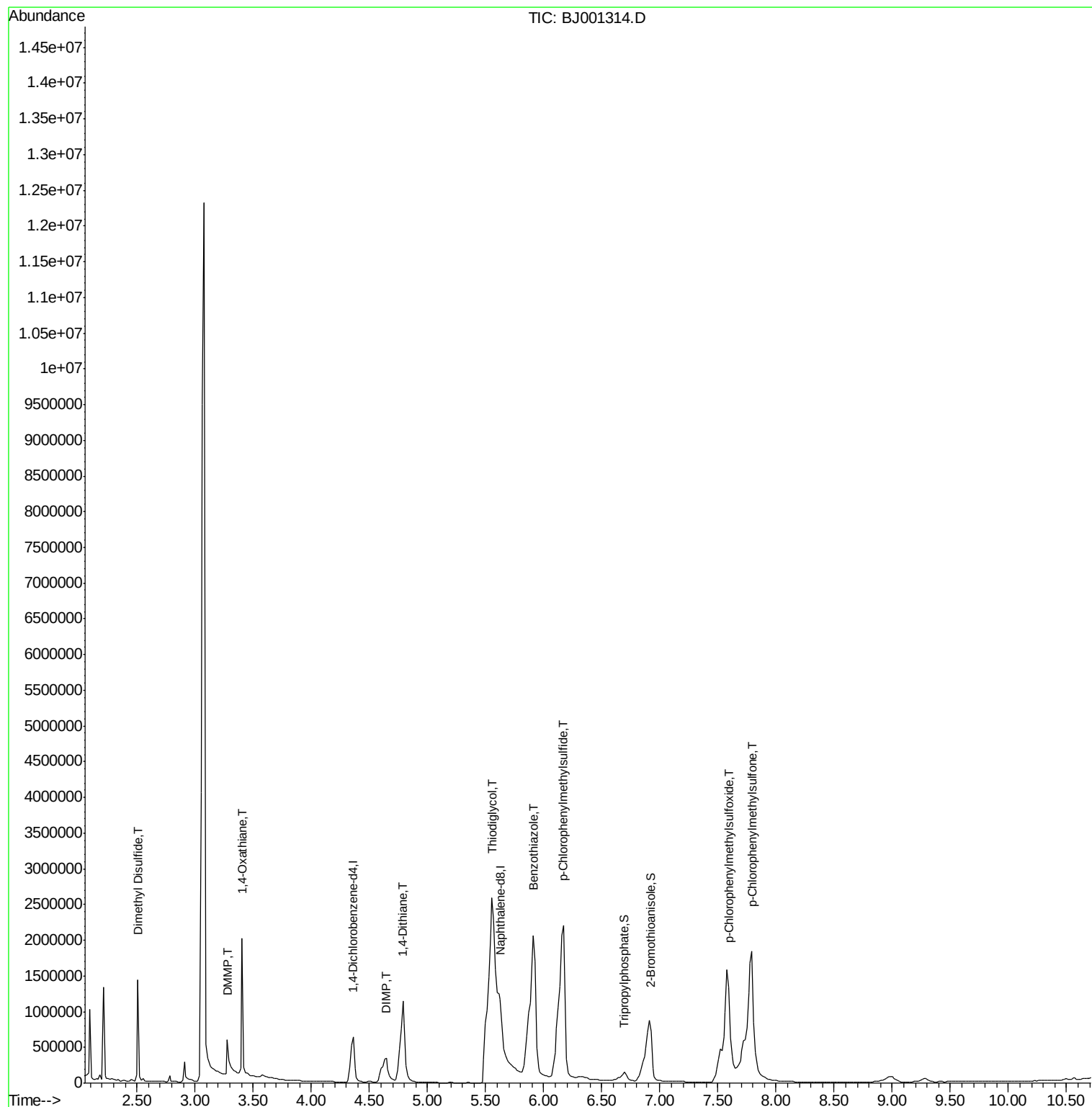
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.51	94	489173m	3.75	ug/mL	
3) DMMP	3.28	79	468219m	3.81	ug/mL	
4) DIMP	4.65	97	494053	1.79	ug/mL	95
5) 1,4-Oxathiane	3.41	46	608979	4.23	ug/mL	78
7) 1,4-Dithiane	4.79	46	513471	4.43	ug/mL	96
8) Thiodiglycol	5.56	61	4047012m	41.25	ug/mL	
9) Benzothiazole	5.91	135	2747477	10.29	ug/mL	97
11) p-Chlorophenylmethyldisulfid	6.17	158	1565279	9.36	ug/mL	98
13) p-Chlorophenylmethyldisulfox	7.59	159	1155441	10.23	ug/mL	98
14) p-Chlorophenylmethyldisulfon	7.79	111	1516711	9.25	ug/mL	93

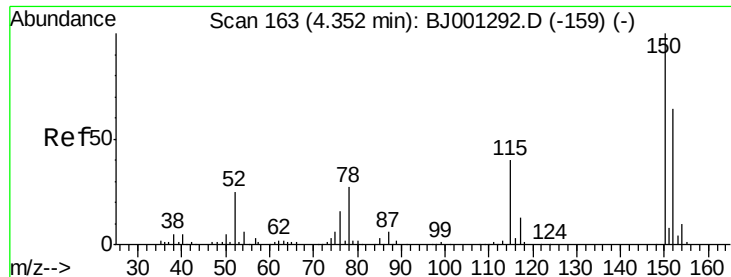
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ120412\
Data File : BJ001314.D
Acq On : 4 Dec 2012 17:23
Operator : HLM
Sample : PB67200BS
Misc : WATER BNA_J HLM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_J
ClientSampleId :
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Quant Time: Dec 08 04:29:54 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
Quant Title : CWA degradation products by GCMS
QLast Update : Wed Dec 05 11:26:13 2012
Response via : Initial Calibration



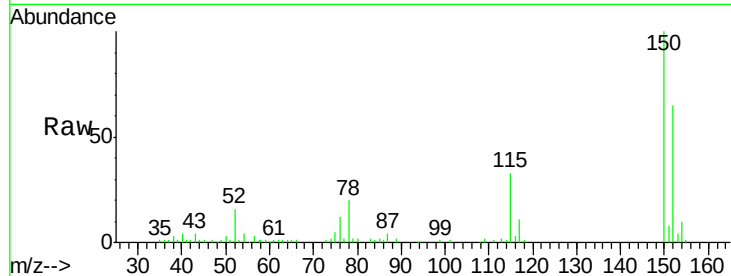


#1

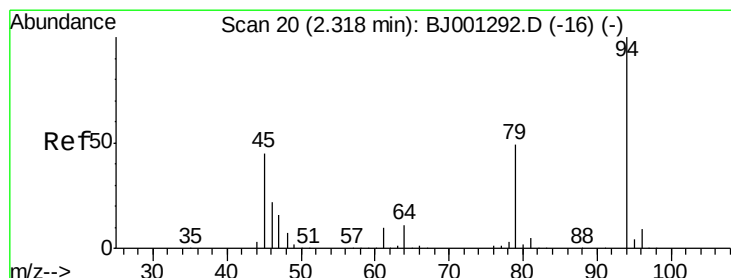
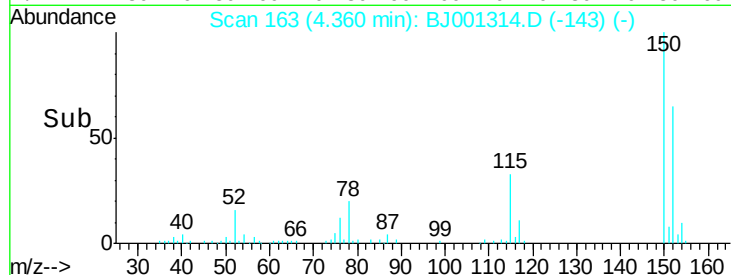
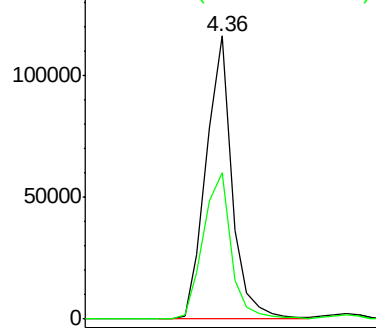
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.36 min Scan# 163
Delta R.T. -0.01 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Instrument :
BNA_J
ClientSampleId :
PB67200BS

Tgt Ion: 152 Resp: 238528
Ion Ratio Lower Upper
152 100
115 51.7 26.3 66.3



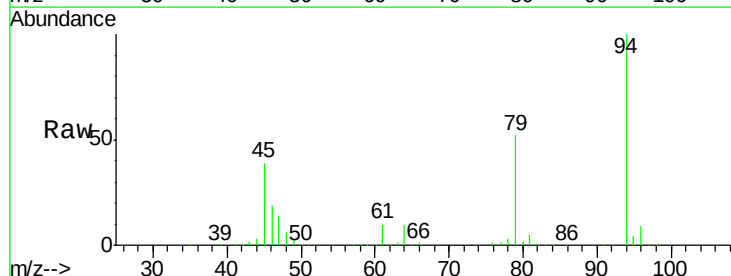
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 115.00 (114.70 to 115.70): B



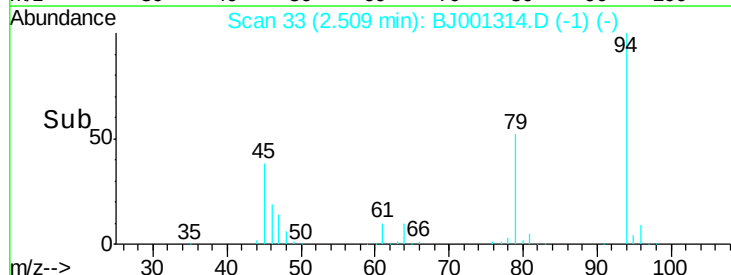
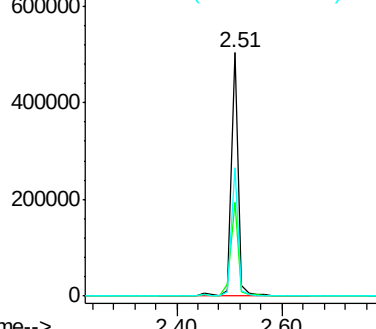
#2

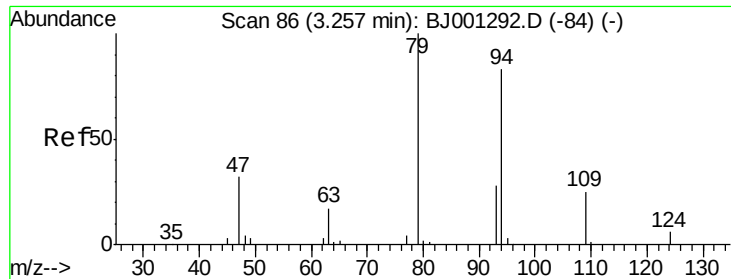
Dimethyl Disulfide
Concen: 3.75 ug/mL m
RT: 2.51 min Scan# 33
Delta R.T. 0.20 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Tgt Ion: 94 Resp: 489173
Ion Ratio Lower Upper
94 100
45 38.6 26.5 66.5
79 52.5 33.4 73.4



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

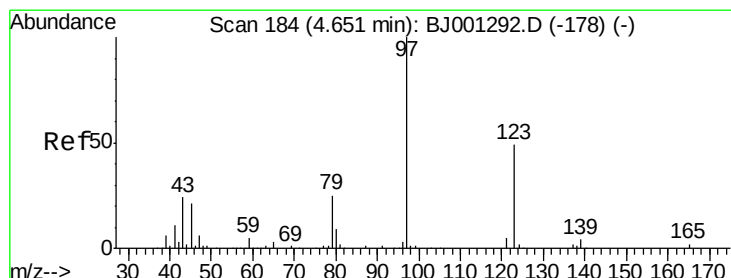
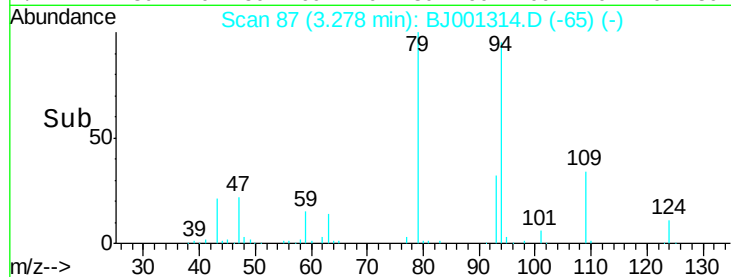
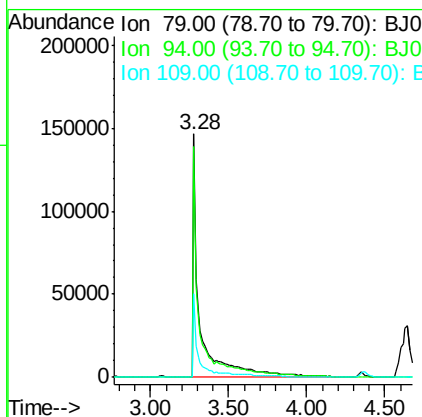
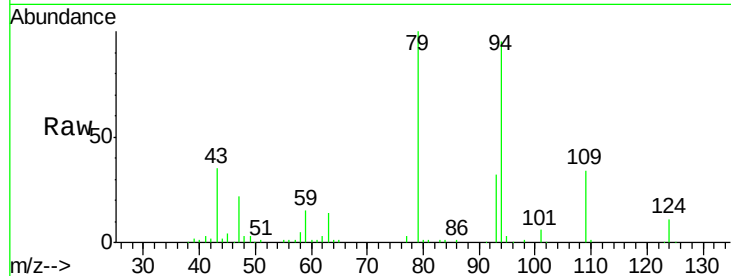




#3
DMMP
Concen: 3.81 ug/mL m
RT: 3.28 min Scan# 87
Delta R.T. 0.02 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

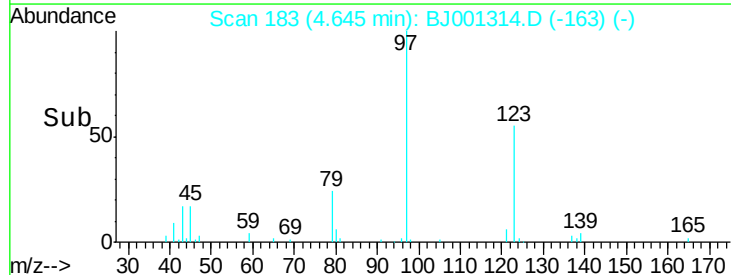
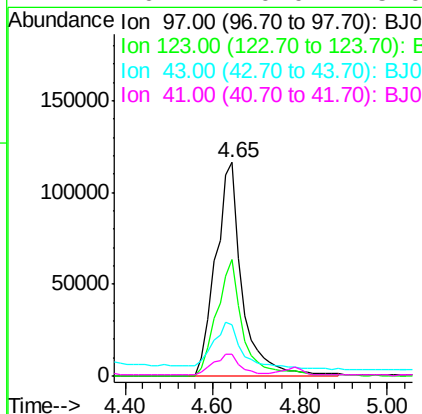
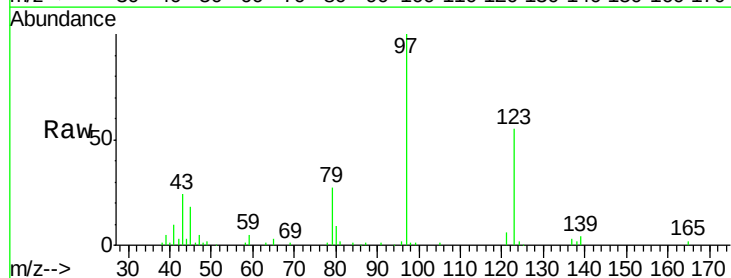
Instrument :
BNA_J
ClientSampleId :
PB67200BS

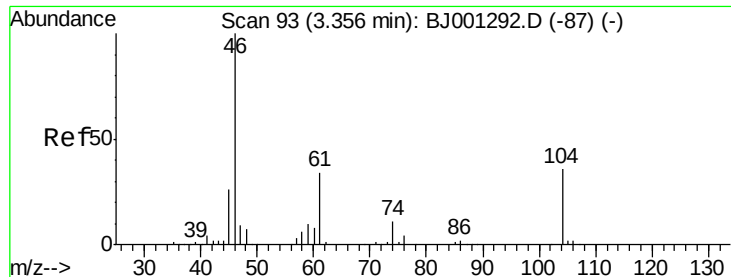
Tgt Ion: 79 Resp: 468219
Ion Ratio Lower Upper
79 100
94 95.0 69.1 109.1
109 34.3 10.5 50.5



#4
DIMP
Concen: 1.79 ug/mL
RT: 4.65 min Scan# 183
Delta R.T. -0.01 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Tgt Ion: 97 Resp: 494053
Ion Ratio Lower Upper
97 100
123 54.8 36.4 76.4
43 23.7 0.0 37.2
41 10.2 0.0 28.0





#5

1,4-Oxathiane

Concen: 4.23 ug/mL

RT: 3.41 min Scan# 96

Delta R.T. 0.05 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

Instrument :

BNA_J

ClientSampleId :

PB67200BS

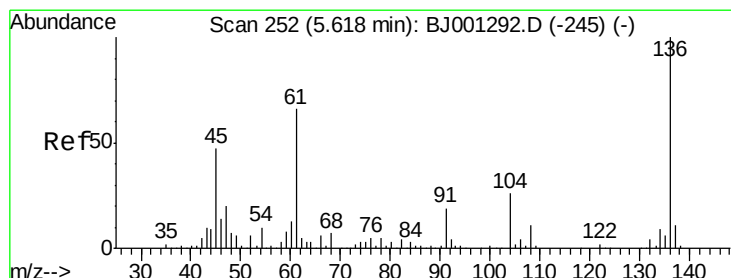
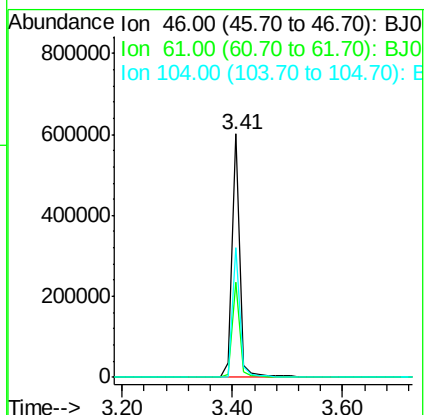
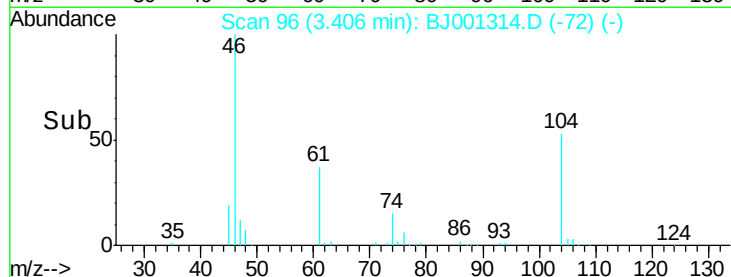
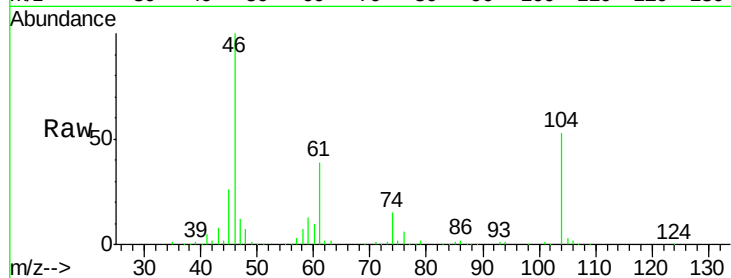
Tgt Ion: 46 Resp: 608979

Ion Ratio Lower Upper

46 100

61 38.9 13.2 53.2

104 53.2 14.2 54.2



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.63 min Scan# 252

Delta R.T. -0.01 min

Lab File: BJ001314.D

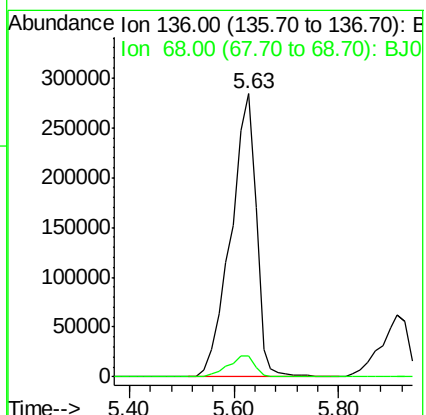
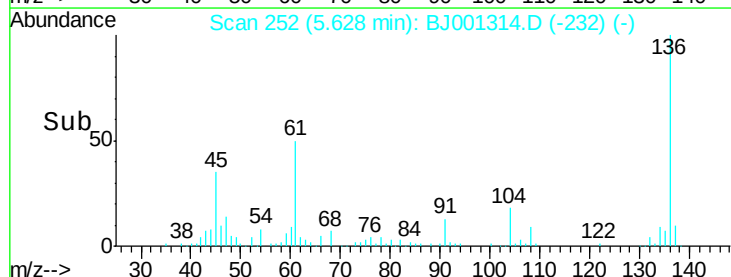
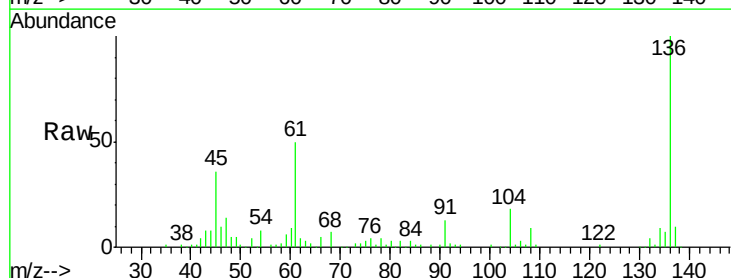
Acq: 4 Dec 2012 17:23

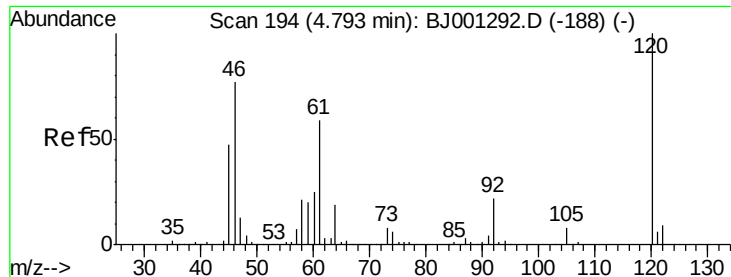
Tgt Ion: 136 Resp: 955865

Ion Ratio Lower Upper

136 100

68 7.4 0.0 25.9





#7

1,4-Dithiane

Concen: 4.43 ug/mL

RT: 4.79 min Scan# 193

Delta R.T. -0.01 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

Instrument :

BNA_J

ClientSampleId :

PB67200BS

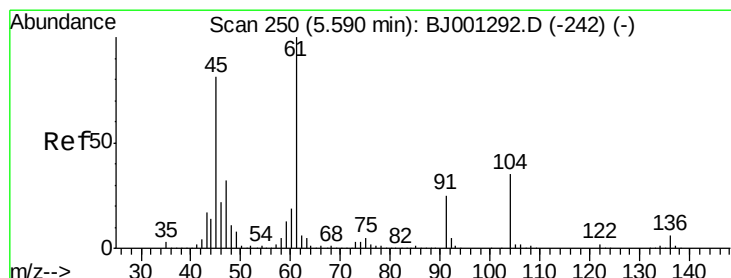
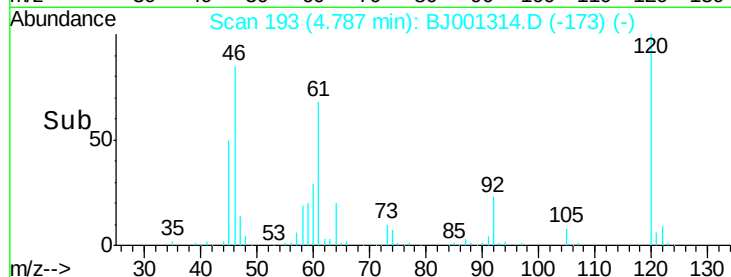
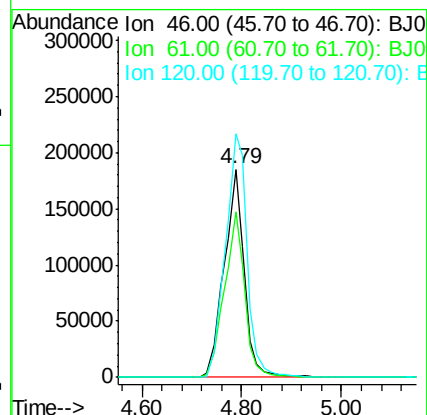
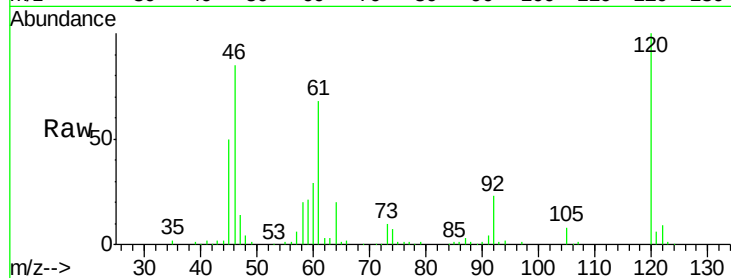
Tgt Ion: 46 Resp: 513471

Ion Ratio Lower Upper

46 100

61 79.3 57.0 97.0

120 117.1 91.5 131.5



#8

Thiodiglycol

Concen: 41.25 ug/mL m

RT: 5.56 min Scan# 247

Delta R.T. -0.04 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

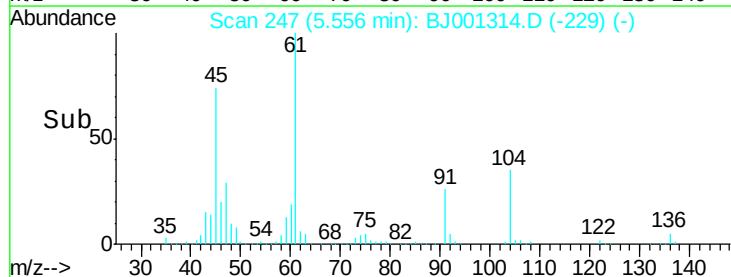
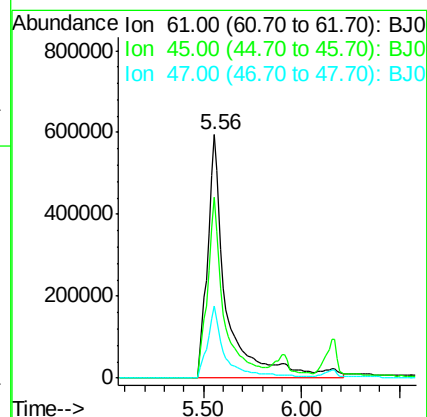
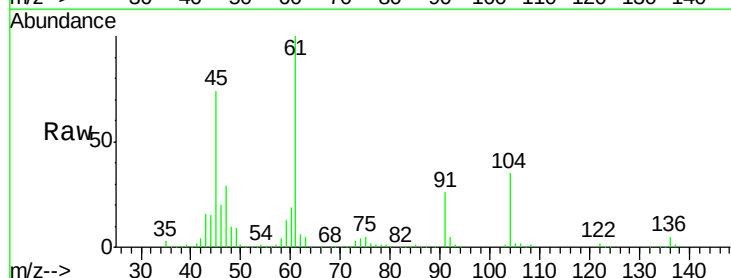
Tgt Ion: 61 Resp: 4047012

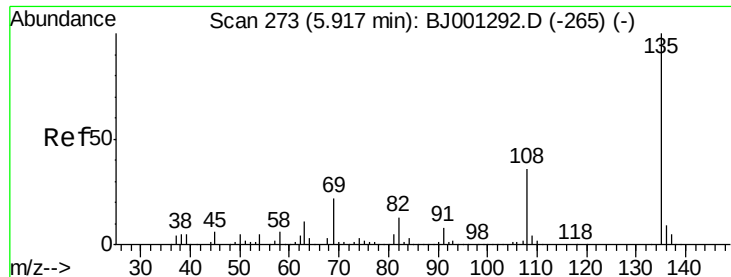
Ion Ratio Lower Upper

61 100

45 74.4 56.0 96.0

47 29.4 10.0 50.0





#9

Benzothiazole

Concen: 10.29 ug/mL

RT: 5.91 min Scan# 272

Delta R.T. -0.01 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

Instrument :

BNA_J

ClientSampleId :

PB67200BS

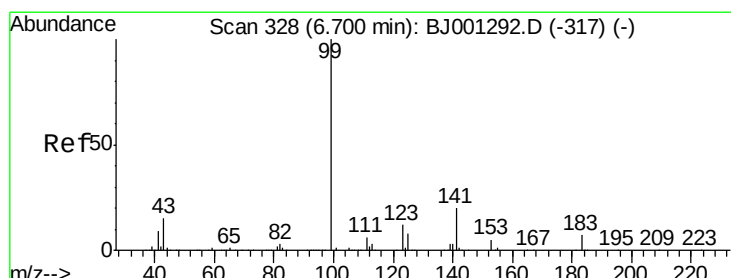
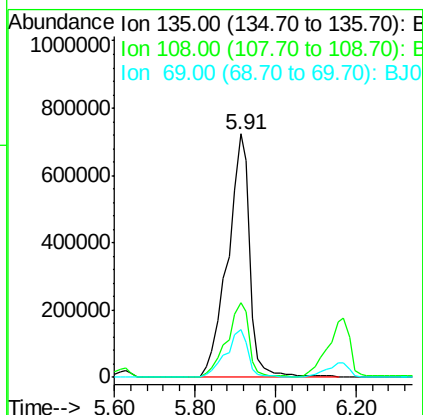
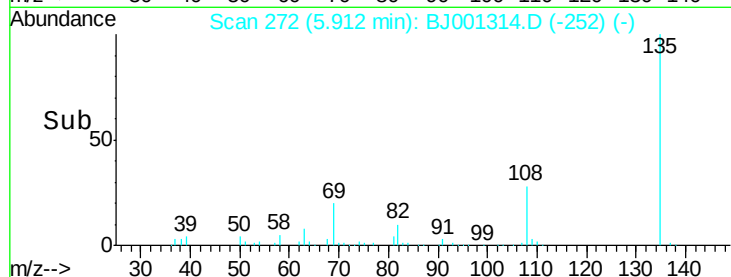
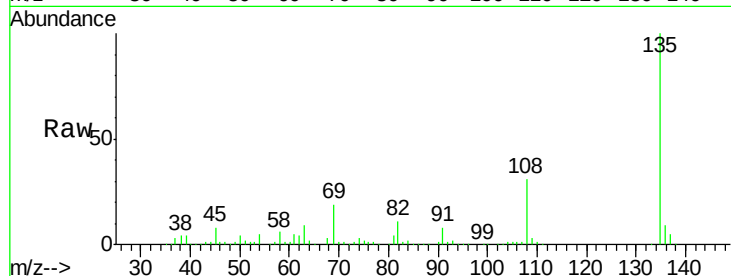
Tgt Ion:135 Resp: 2747477

Ion Ratio Lower Upper

135 100

108 30.6 12.0 52.0

69 19.4 1.1 41.1



#10

Tripropylphosphate

Concen: 0.46 ug/mL

RT: 6.70 min Scan# 327

Delta R.T. 0.00 min

Lab File: BJ001314.D

Acq: 4 Dec 2012 17:23

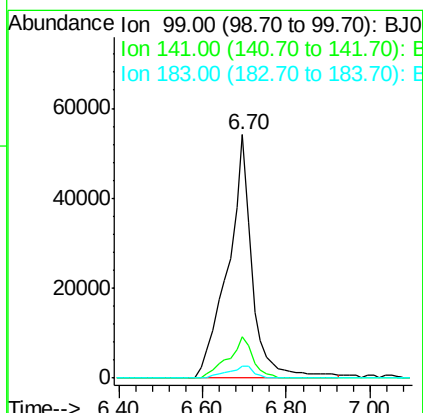
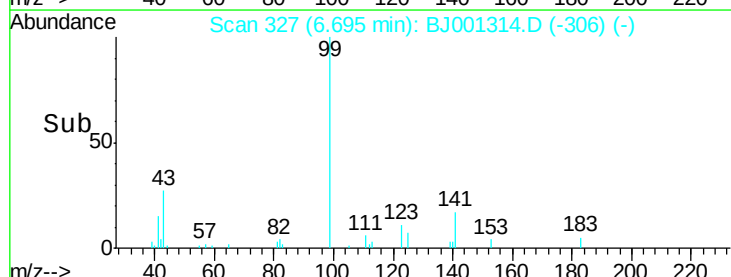
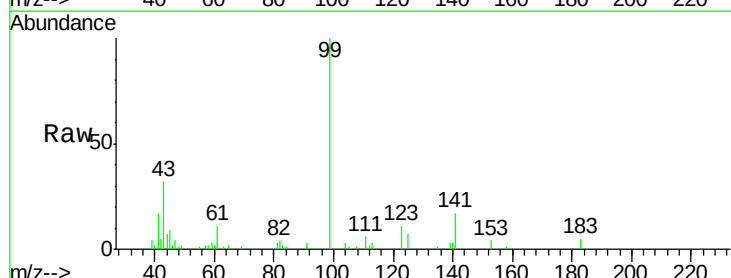
Tgt Ion: 99 Resp: 218134

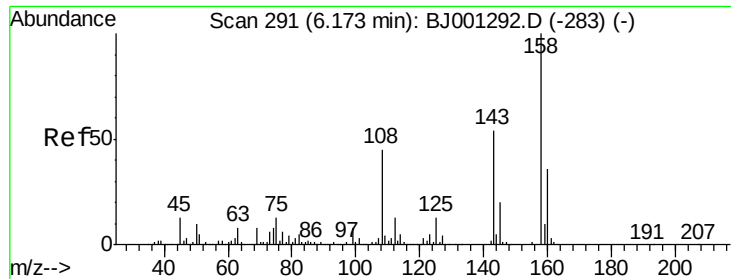
Ion Ratio Lower Upper

99 100

141 17.2 14.7 22.1

183 5.1 4.6 6.8

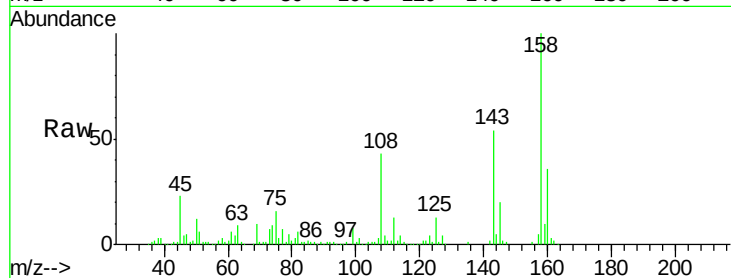




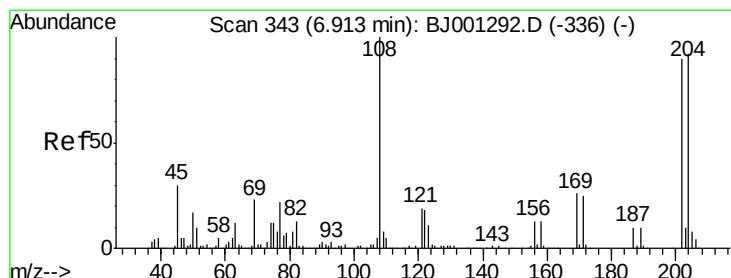
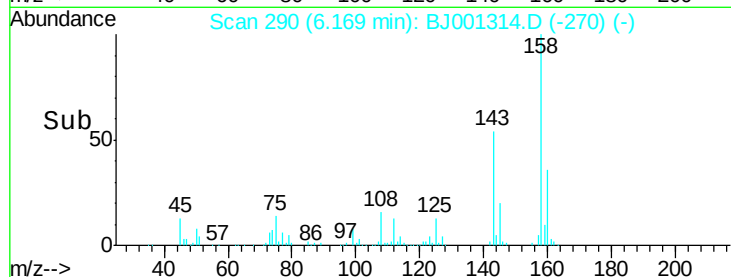
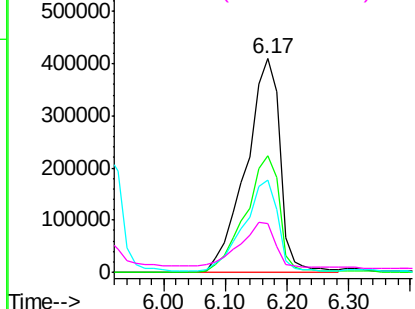
#11
p-Chlorophenylmethylsulfide
Concen: 9.36 ug/mL
RT: 6.17 min Scan# 290
Delta R.T. -0.01 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Instrument :
BNA_J
ClientSampleId :
PB67200BS

Tgt Ion:	158	Resp:	1565279
Ion	Ratio	Lower	Upper
158	100		
143	54.4	34.4	74.4
108	43.2	22.9	62.9
45	23.0	0.0	36.9

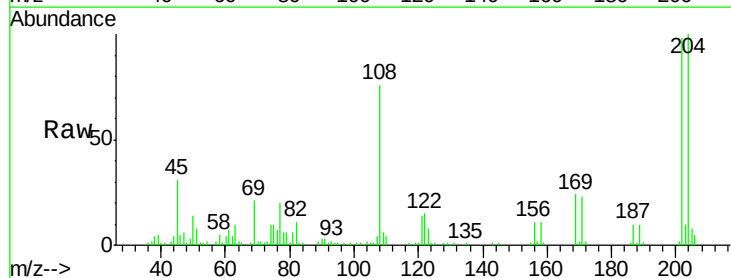


Abundance Ion 158.00 (157.70 to 158.70): E
Ion 143.00 (142.70 to 143.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 45.00 (44.70 to 45.70): BJ0

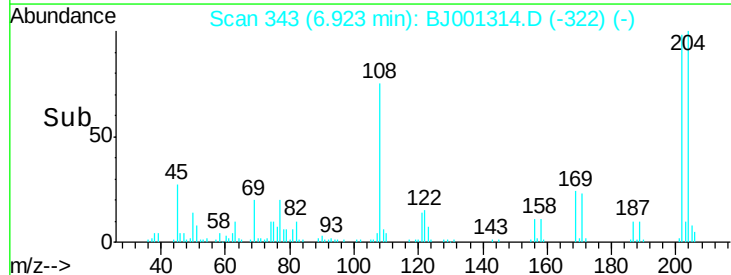
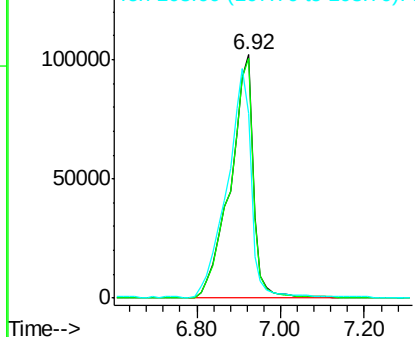


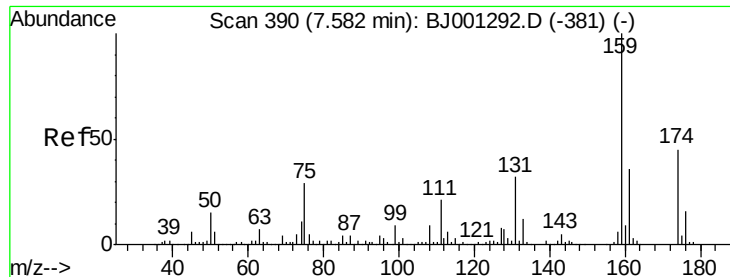
#12
2-Bromothioanisole
Concen: 4.91 ug/mL
RT: 6.92 min Scan# 343
Delta R.T. 0.00 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Tgt Ion:	204	Resp:	390443
Ion	Ratio	Lower	Upper
204	100		
202	98.3	80.7	120.7
108	75.6	87.3	127.3#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 202.00 (201.70 to 202.70): E
Ion 108.00 (107.70 to 108.70): E

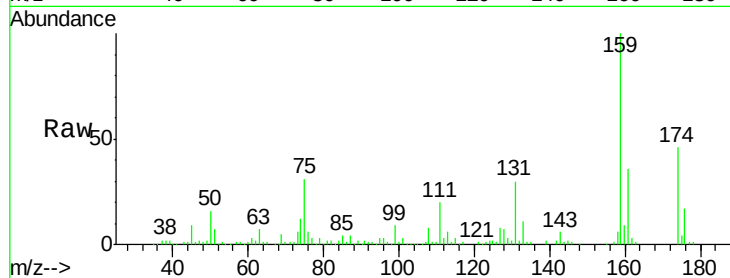




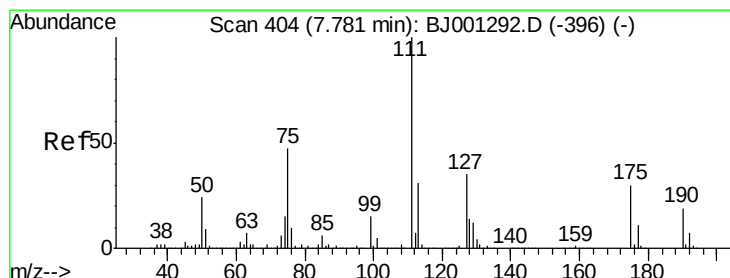
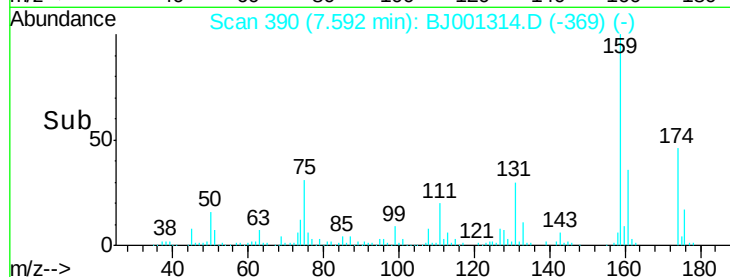
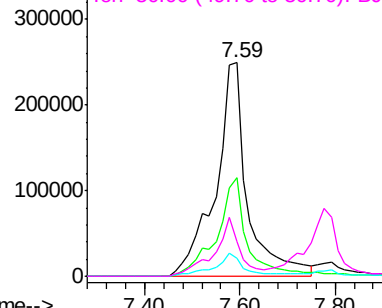
#13
p-Chlorophenylmethylsulfoxide
Concen: 10.23 ug/mL
RT: 7.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Instrument :
BNA_J
ClientSampleId :
PB67200BS

Tgt Ion:159 Resp: 1155441
Ion Ratio Lower Upper
159 100
174 44.9 26.4 66.4
108 10.1 0.0 29.6
50 22.2 3.3 43.3

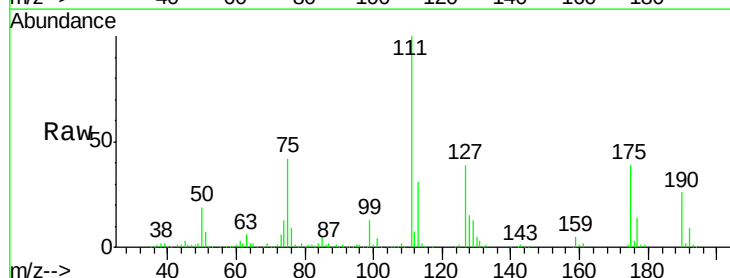


Abundance Ion 159.00 (158.70 to 159.70): E
Ion 174.00 (173.70 to 174.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 9.25 ug/mL
RT: 7.79 min Scan# 404
Delta R.T. 0.00 min
Lab File: BJ001314.D
Acq: 4 Dec 2012 17:23

Tgt Ion:111 Resp: 1516711
Ion Ratio Lower Upper
111 100
75 41.9 27.3 67.3
127 39.1 17.0 57.0
190 26.0 0.8 40.8



Abundance Ion 111.00 (110.70 to 111.70): E
Ion 75.00 (74.70 to 75.70): BJ0
Ion 127.00 (126.70 to 127.70): E
Ion 190.00 (189.70 to 190.70): E

