

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001292.D
 Acq On : 27 Nov 2012 13:41
 Operator : HLM
 Sample : CWA-4
 Misc : CWA STD BNA_J HLM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

Quant Time: Dec 05 03:14:16 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Nov 27 14:23:24 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	378432	2.00	ug/mL	0.00
6) Naphthalene-d8	5.62	136	1440778	2.00	ug/mL	0.00

System Monitoring Compounds						
10) Tripropylphosphate	6.70	99	1884312	3.41	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	682.00%#
12) 2-Bromothioanisole	6.91	204	1459095	12.93	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	258.60%#

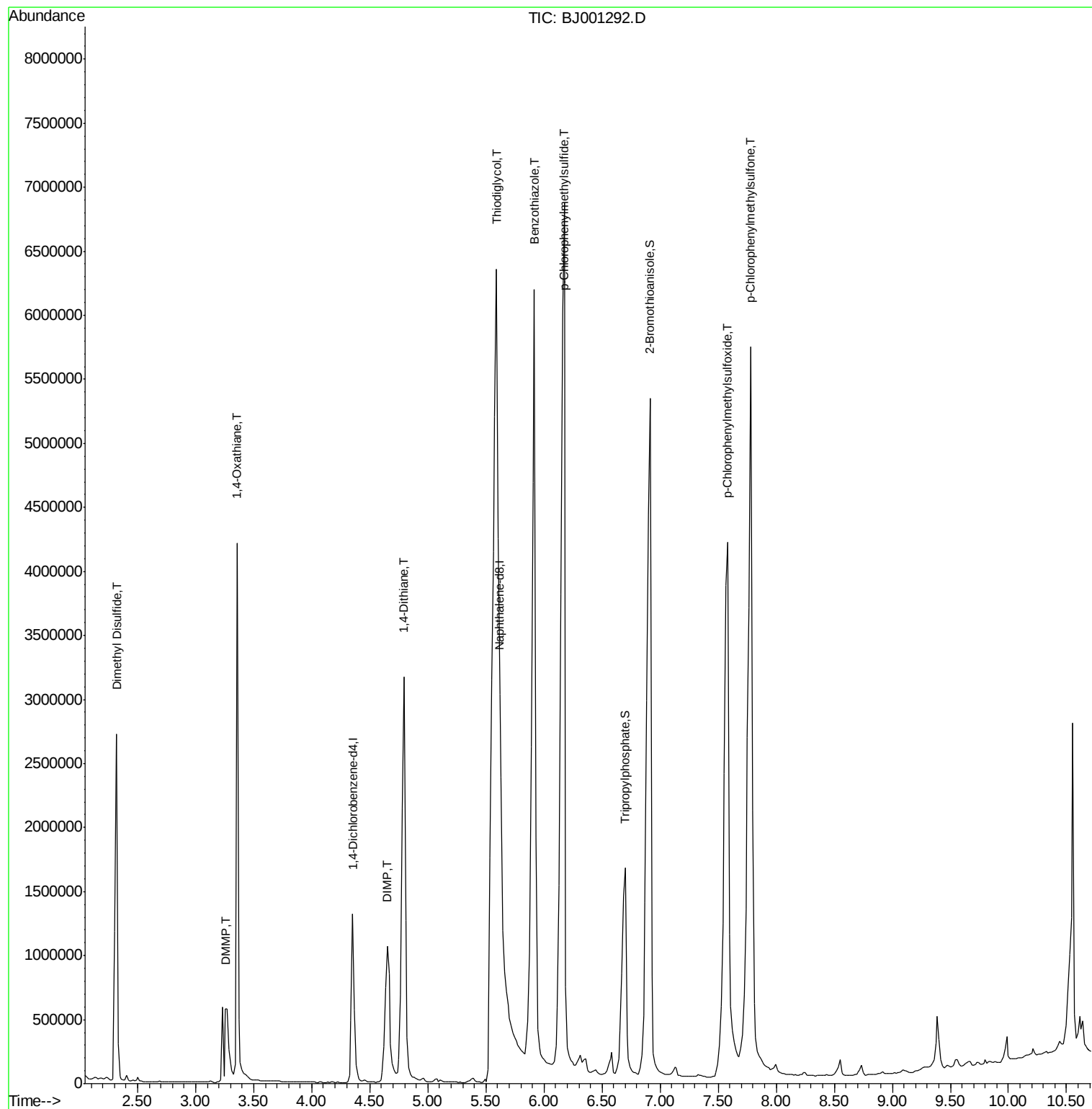
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.32	94	1054822	7.61	ug/mL	100
3) DMMP	3.26	79	489301	3.34	ug/mL	100
4) DIMP	4.65	97	1100783	3.04	ug/mL	100
5) 1,4-Oxathiane	3.36	46	1491525	10.17	ug/mL	100
7) 1,4-Dithiane	4.79	46	1121578	10.27	ug/mL	100
8) Thiodiglycol	5.59	61	6555623	65.63	ug/mL	100
9) Benzothiazole	5.92	135	4914897	12.26	ug/mL	100
11) p-Chlorophenylmethyldisulfid	6.17	158	3046333	12.29	ug/mL	100
13) p-Chlorophenylmethyldisulfox	7.58	159	2157540	14.80	ug/mL	100
14) p-Chlorophenylmethyldisulfon	7.78	111	2966014	14.56	ug/mL	100

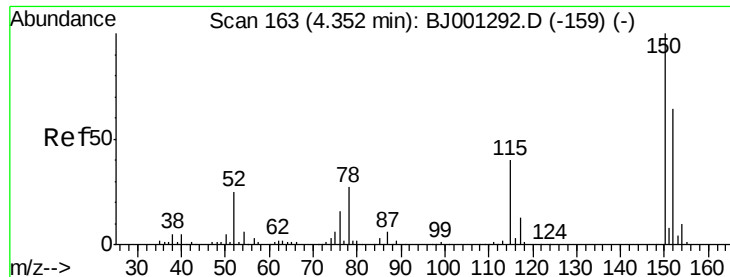
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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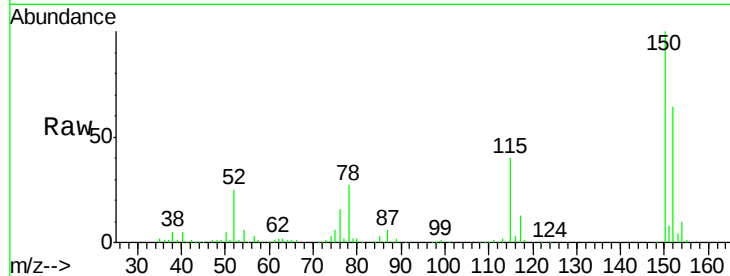


#1

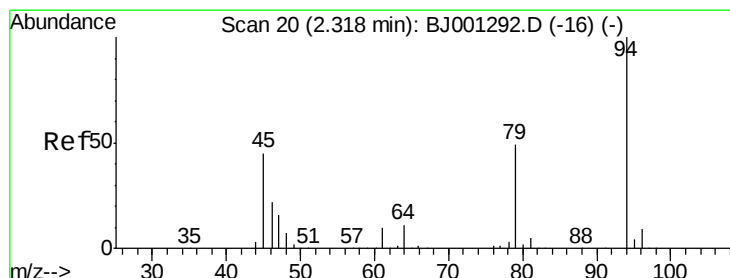
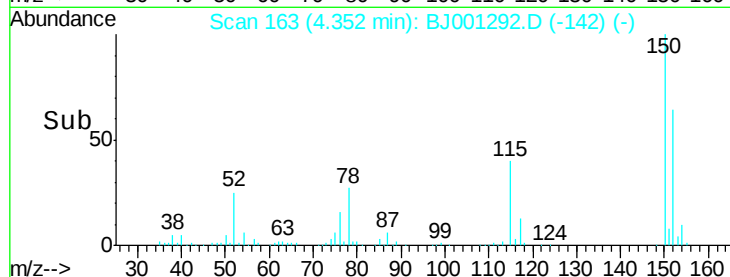
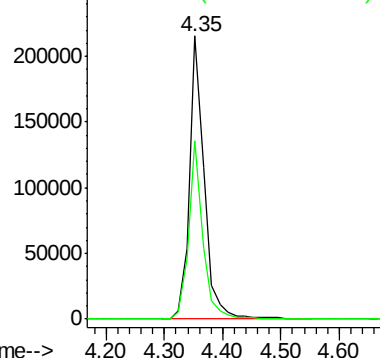
1,4-Dichlorobenzene-d4
 Concen: 2.00 ug/mL
 RT: 4.35 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: BJ001292.D
 Acq: 27 Nov 2012 13:41

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

Tgt Ion: 152 Resp: 378432
 Ion Ratio Lower Upper
 152 100
 115 62.9 42.9 82.9



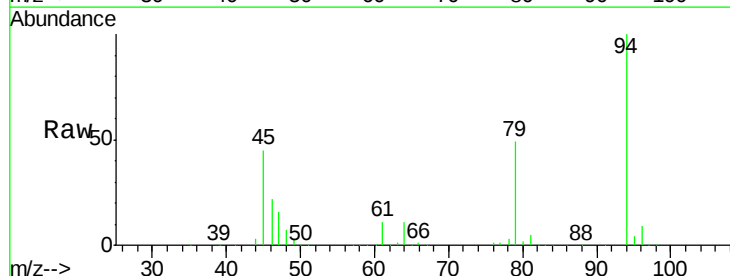
Abundance Ion 152.00 (151.70 to 152.70): B
 Ion 115.00 (114.70 to 115.70): B



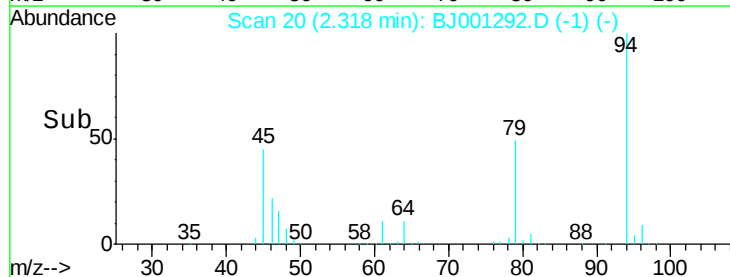
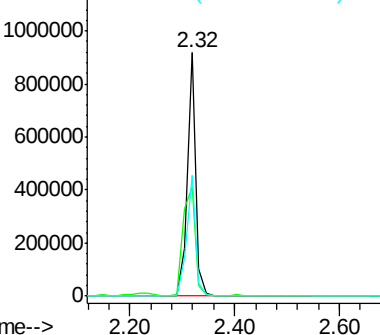
#2

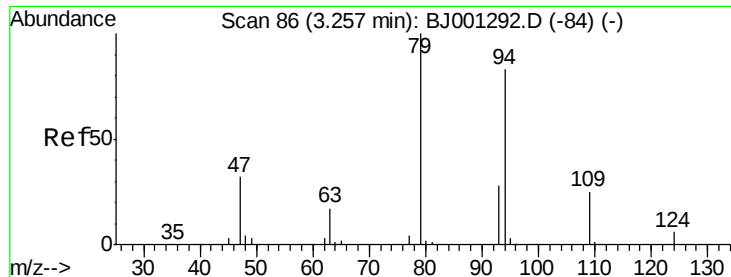
Dimethyl Disulfide
 Concen: 7.61 ug/mL
 RT: 2.32 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BJ001292.D
 Acq: 27 Nov 2012 13:41

Tgt Ion: 94 Resp: 1054822
 Ion Ratio Lower Upper
 94 100
 45 45.1 25.1 65.1
 79 49.4 29.4 69.4



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: 3.34 ug/mL

RT: 3.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :

BNA_J

LabSampleId :

CWA-4

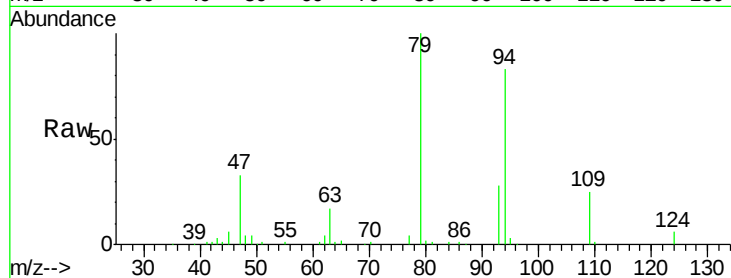
Tgt Ion: 79 Resp: 489301

Ion Ratio Lower Upper

79 100

94 83.0 63.0 103.0

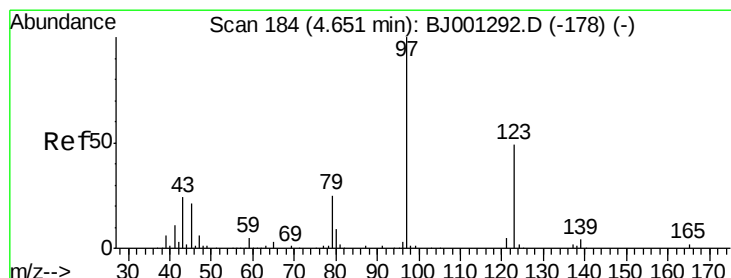
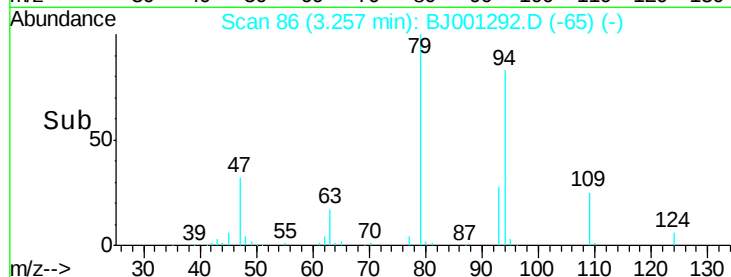
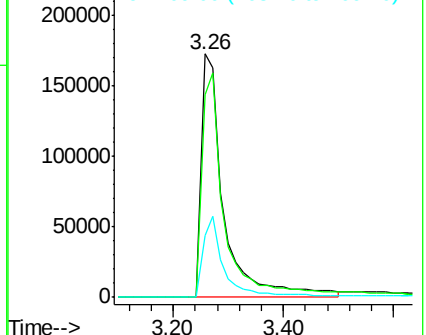
109 25.3 5.3 45.3



Abundance Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0



#4

DIMP

Concen: 3.04 ug/mL

RT: 4.65 min Scan# 184

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Tgt Ion: 97 Resp: 1100783

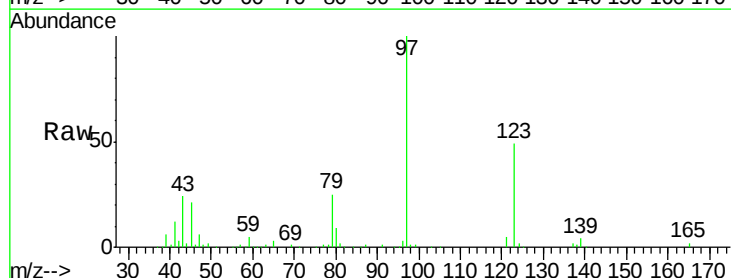
Ion Ratio Lower Upper

97 100

123 49.2 29.2 69.2

43 24.0 4.0 44.0

41 11.6 0.0 31.6

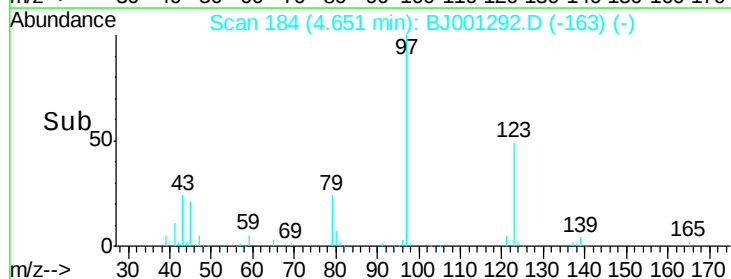
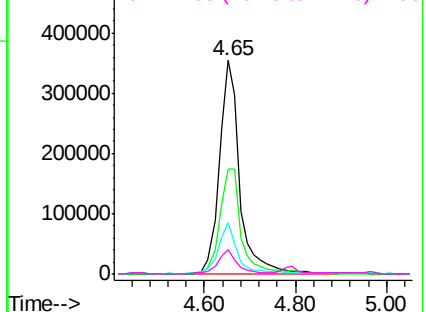


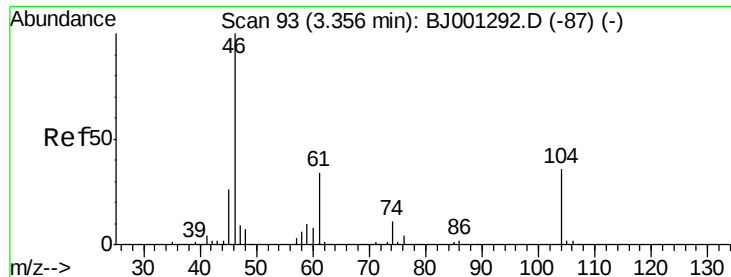
Abundance Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0





#5

1,4-Oxathiane

Concen: 10.17 ug/mL

RT: 3.36 min Scan# 93

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :

BNA_J

LabSampleId :

CWA-4

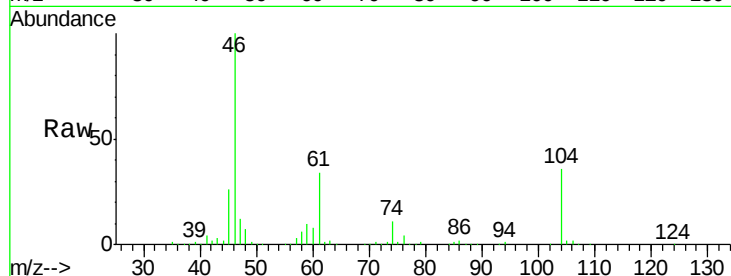
Tgt Ion: 46 Resp: 1491525

Ion Ratio Lower Upper

46 100

61 33.6 13.6 53.6

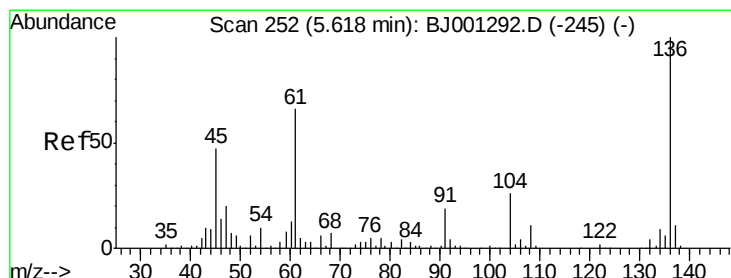
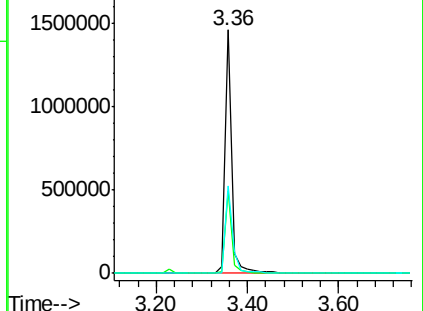
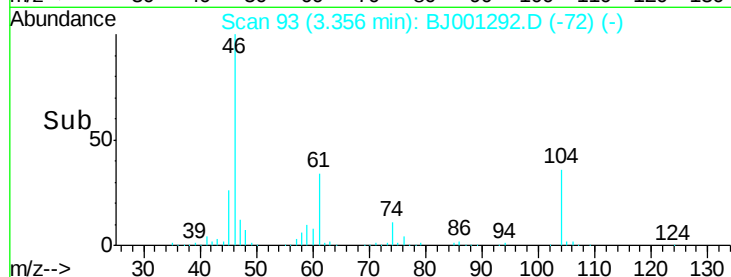
104 36.0 16.0 56.0



Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.62 min Scan# 252

Delta R.T. 0.00 min

Lab File: BJ001292.D

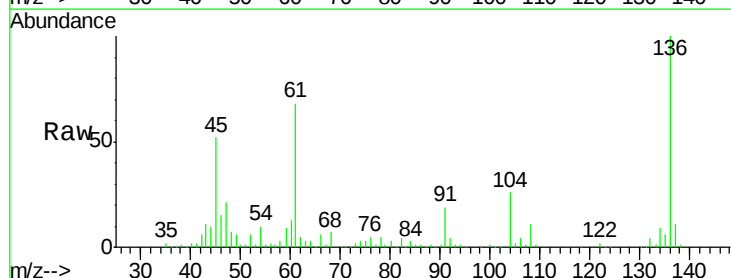
Acq: 27 Nov 2012 13:41

Tgt Ion: 136 Resp: 1440778

Ion Ratio Lower Upper

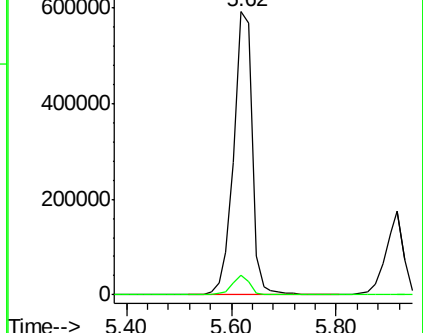
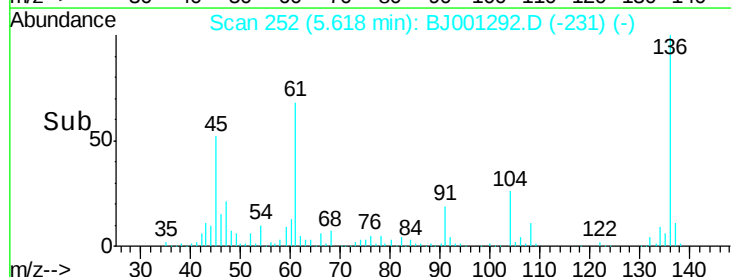
136 100

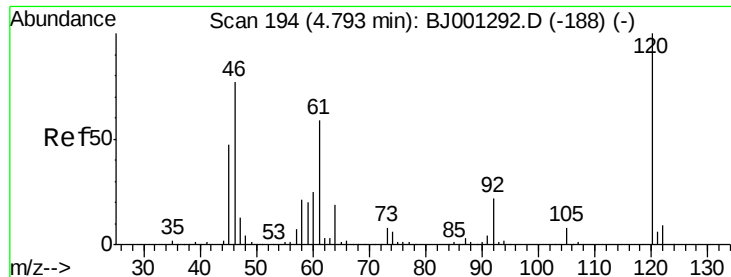
68 6.8 0.0 26.8



Abundance Ion 136.00 (135.70 to 136.70): BJ0

Ion 68.00 (67.70 to 68.70): BJ0





#7

1,4-Dithiane

Concen: 10.27 ug/mL

RT: 4.79 min Scan# 194

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :

BNA_J

LabSampleId :

CWA-4

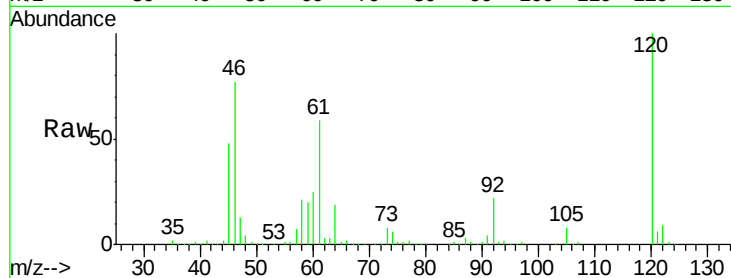
Tgt Ion: 46 Resp: 1121578

Ion Ratio Lower Upper

46 100

61 76.1 56.1 96.1

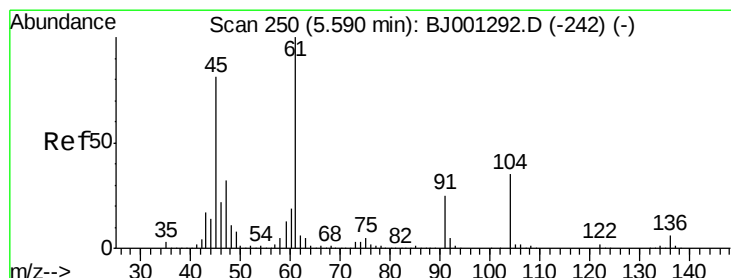
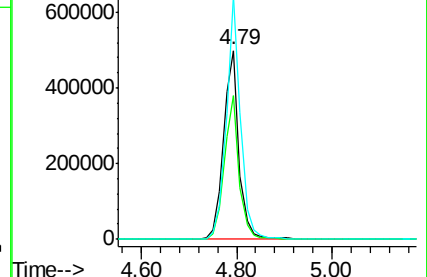
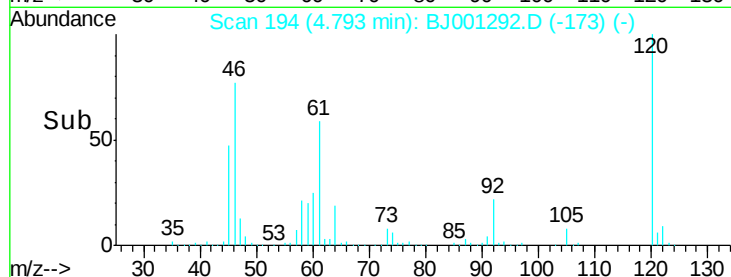
120 129.1 109.1 149.1



Abundance Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 120.00 (119.70 to 120.70): BJ0



#8

Thiodiglycol

Concen: 65.63 ug/mL

RT: 5.59 min Scan# 250

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

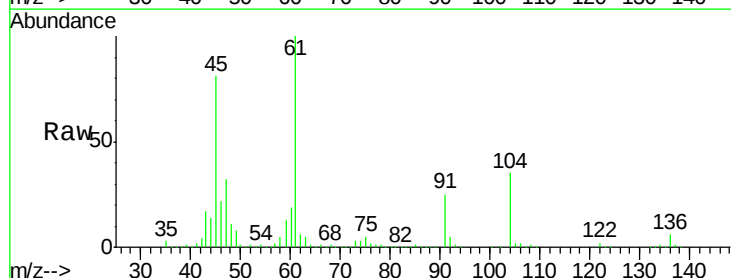
Tgt Ion: 61 Resp: 6555623

Ion Ratio Lower Upper

61 100

45 81.0 61.0 101.0

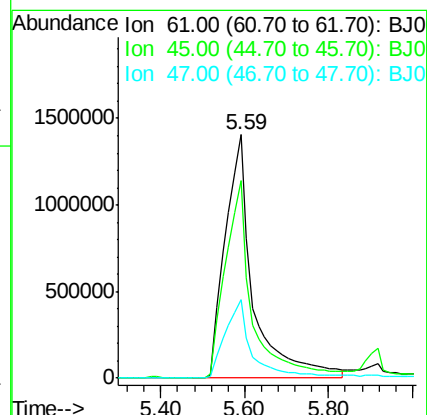
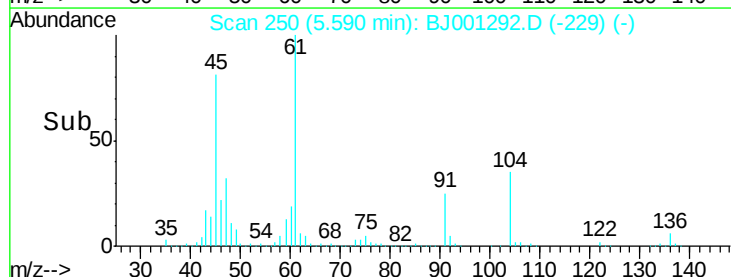
47 32.2 12.2 52.2

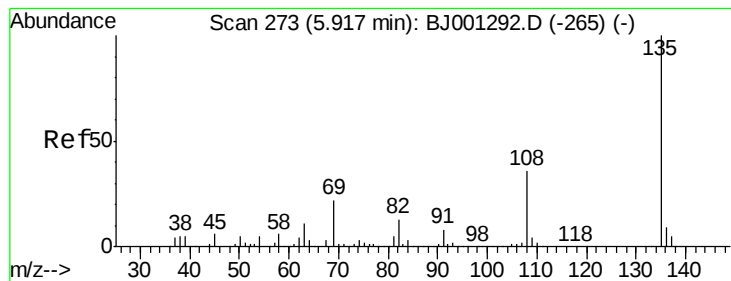


Abundance Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0





#9

Benzothiazole

Concen: 12.26 ug/mL

RT: 5.92 min Scan# 273

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

Instrument :

BNA_J

LabSampleId :

CWA-4

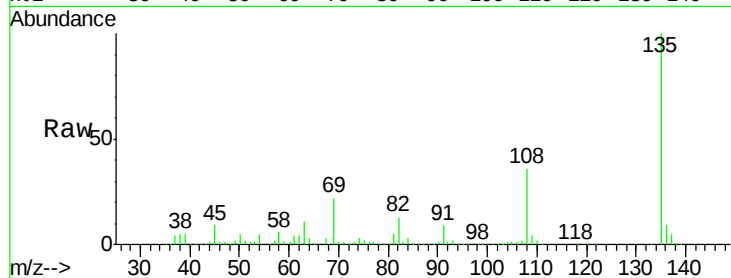
Tgt Ion:135 Resp: 4914897

Ion Ratio Lower Upper

135 100

108 35.7 15.7 55.7

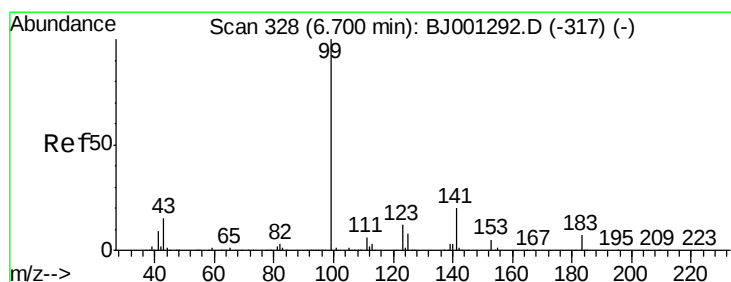
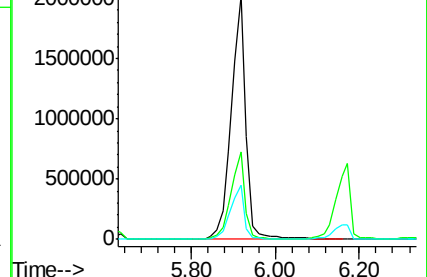
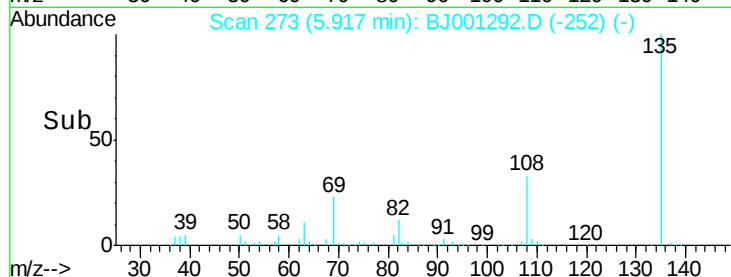
69 22.2 2.2 42.2



Abundance Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJO



#10

Tripropylphosphate

Concen: 3.41 ug/mL

RT: 6.70 min Scan# 328

Delta R.T. 0.00 min

Lab File: BJ001292.D

Acq: 27 Nov 2012 13:41

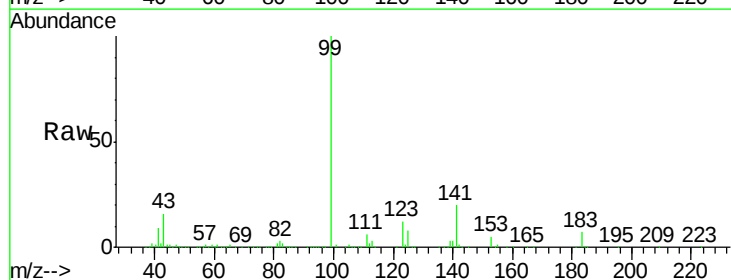
Tgt Ion: 99 Resp: 1884312

Ion Ratio Lower Upper

99 100

141 16.9 13.5 20.3

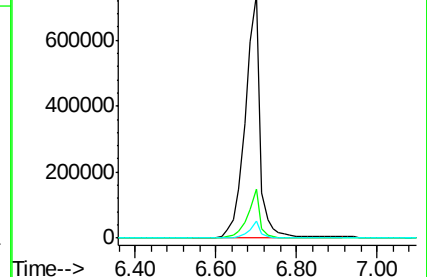
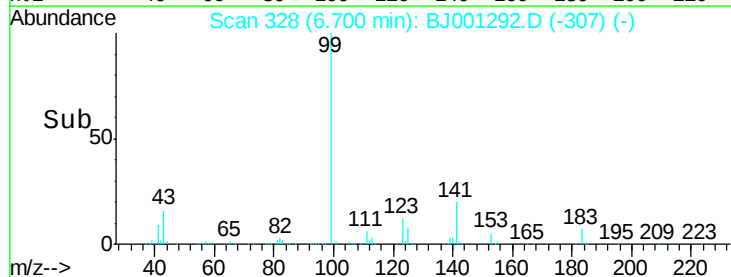
183 5.4 4.3 6.5

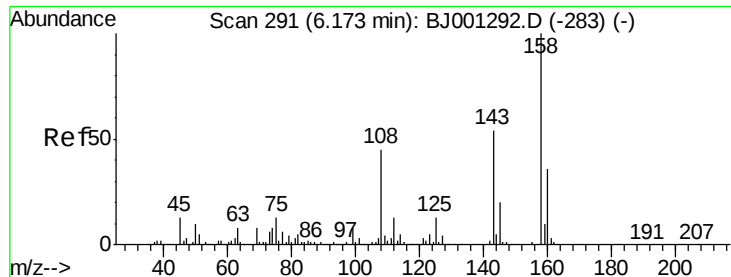


Abundance Ion 99.00 (98.70 to 99.70): BJO

Ion 141.00 (140.70 to 141.70): E

Ion 183.00 (182.70 to 183.70): E

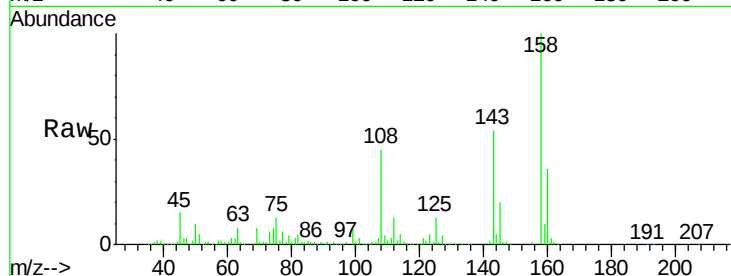




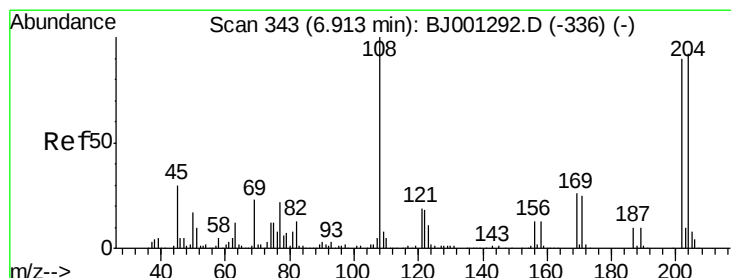
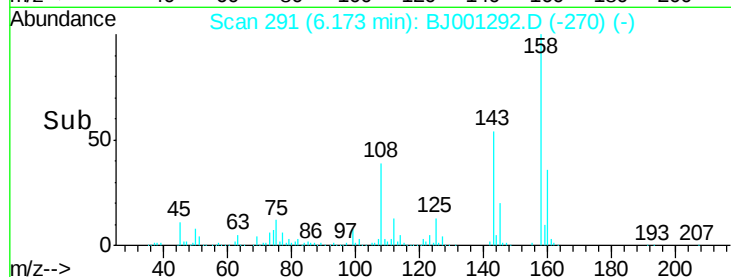
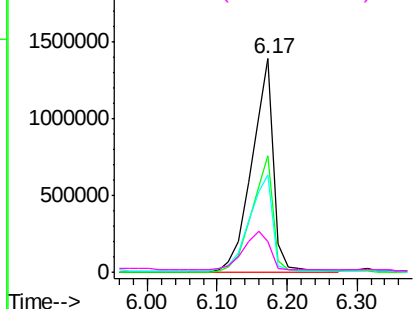
#11
p-Chlorophenylmethylsulfide
Concen: 12.29 ug/mL
RT: 6.17 min Scan# 291
Delta R.T. 0.00 min
Lab File: BJ001292.D
Acq: 27 Nov 2012 13:41

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion:158 Resp: 3046333
Ion Ratio Lower Upper
158 100
143 54.4 34.4 74.4
108 45.3 25.3 65.3
45 14.7 0.0 34.7

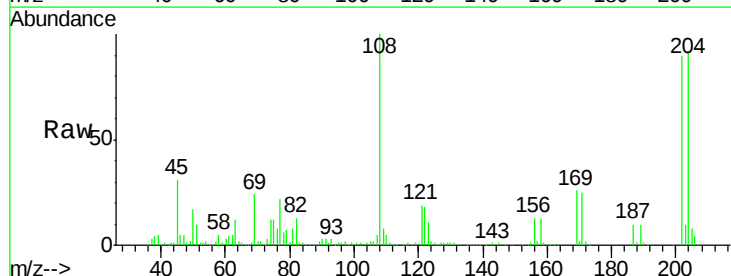


Abundance Ion 158.00 (157.70 to 158.70): E
Ion 143.00 (142.70 to 143.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 45.00 (44.70 to 45.70): BJ0

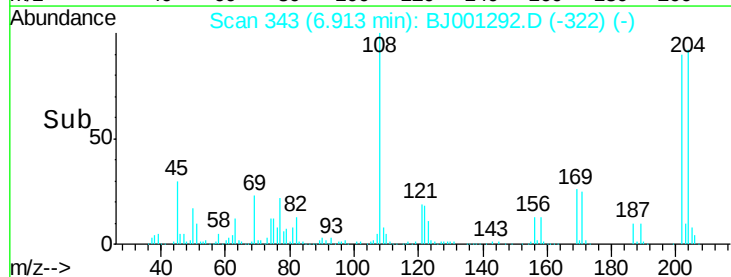
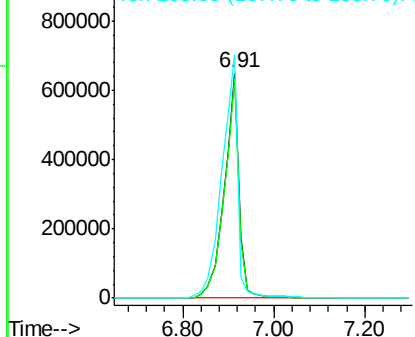


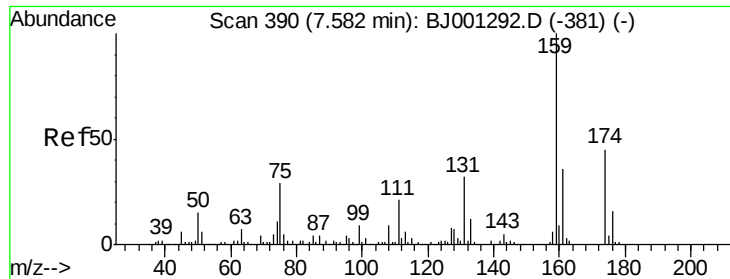
#12
2-Bromothioanisole
Concen: 12.93 ug/mL
RT: 6.91 min Scan# 343
Delta R.T. 0.00 min
Lab File: BJ001292.D
Acq: 27 Nov 2012 13:41

Tgt Ion:204 Resp: 1459095
Ion Ratio Lower Upper
204 100
202 97.8 77.8 117.8
108 108.3 88.3 128.3



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

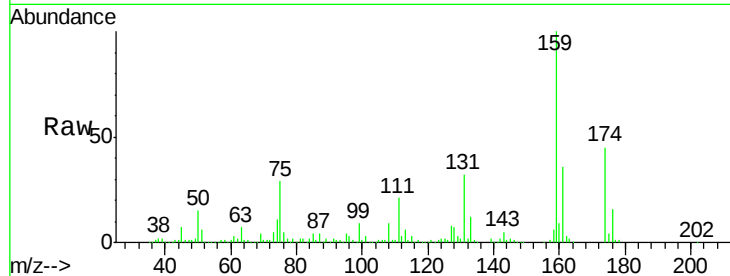




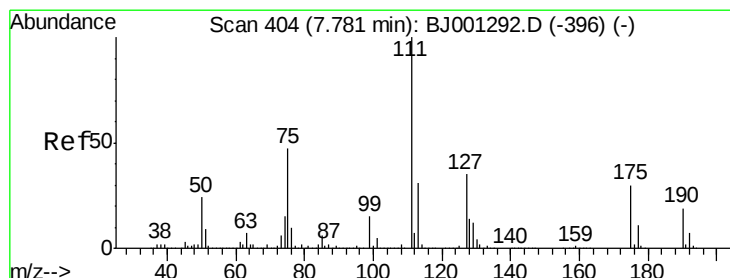
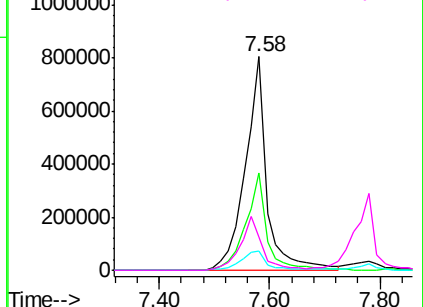
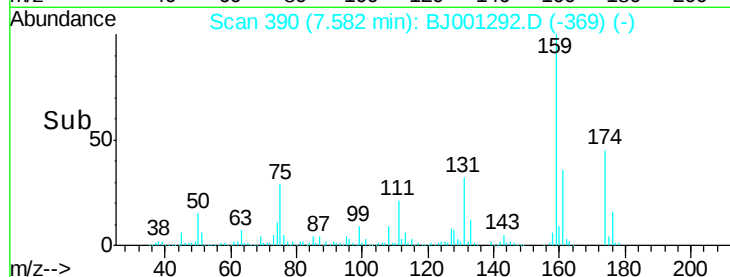
#13
p-Chlorophenylmethylsulfoxide
Concen: 14.80 ug/mL
RT: 7.58 min Scan# 390
Delta R.T. 0.00 min
Lab File: BJ001292.D
Acq: 27 Nov 2012 13:41

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion:159 Resp: 2157540
Ion Ratio Lower Upper
159 100
174 45.2 25.2 65.2
108 10.3 0.0 30.3
50 25.6 5.6 45.6

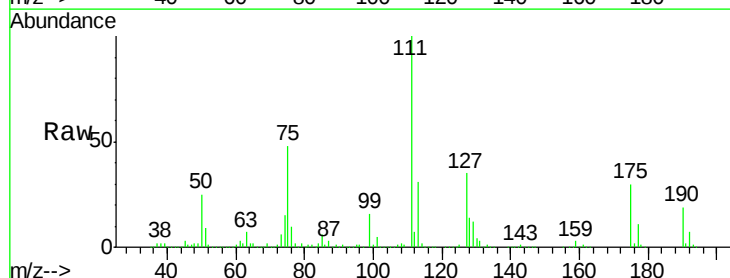


Abundance Ion 159.00 (158.70 to 159.70): E
Ion 174.00 (173.70 to 174.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 14.56 ug/mL
RT: 7.78 min Scan# 404
Delta R.T. 0.00 min
Lab File: BJ001292.D
Acq: 27 Nov 2012 13:41

Tgt Ion:111 Resp: 2966014
Ion Ratio Lower Upper
111 100
75 47.5 27.5 67.5
127 35.3 15.3 55.3
190 18.6 0.0 38.6



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

