

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ120412\
 Data File : BJ001312.D
 Acq On : 4 Dec 2012 16:33
 Operator : HLM
 Sample : CWA-CCV
 Misc : CWA CCV BNA_J HLM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-CCV

Quant Time: Dec 08 03:24:45 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	4.37	152	307587	2.00	ug/mL	0.00
6) Naphthalene-d8	5.64	136	1196443	2.00	ug/mL	0.00

System Monitoring Compounds						
10) Tripropylphosphate	6.69	99	1291237	2.16	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	432.00%#
12) 2-Bromothioanisole	6.92	204	1120573	11.25	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	225.00%#

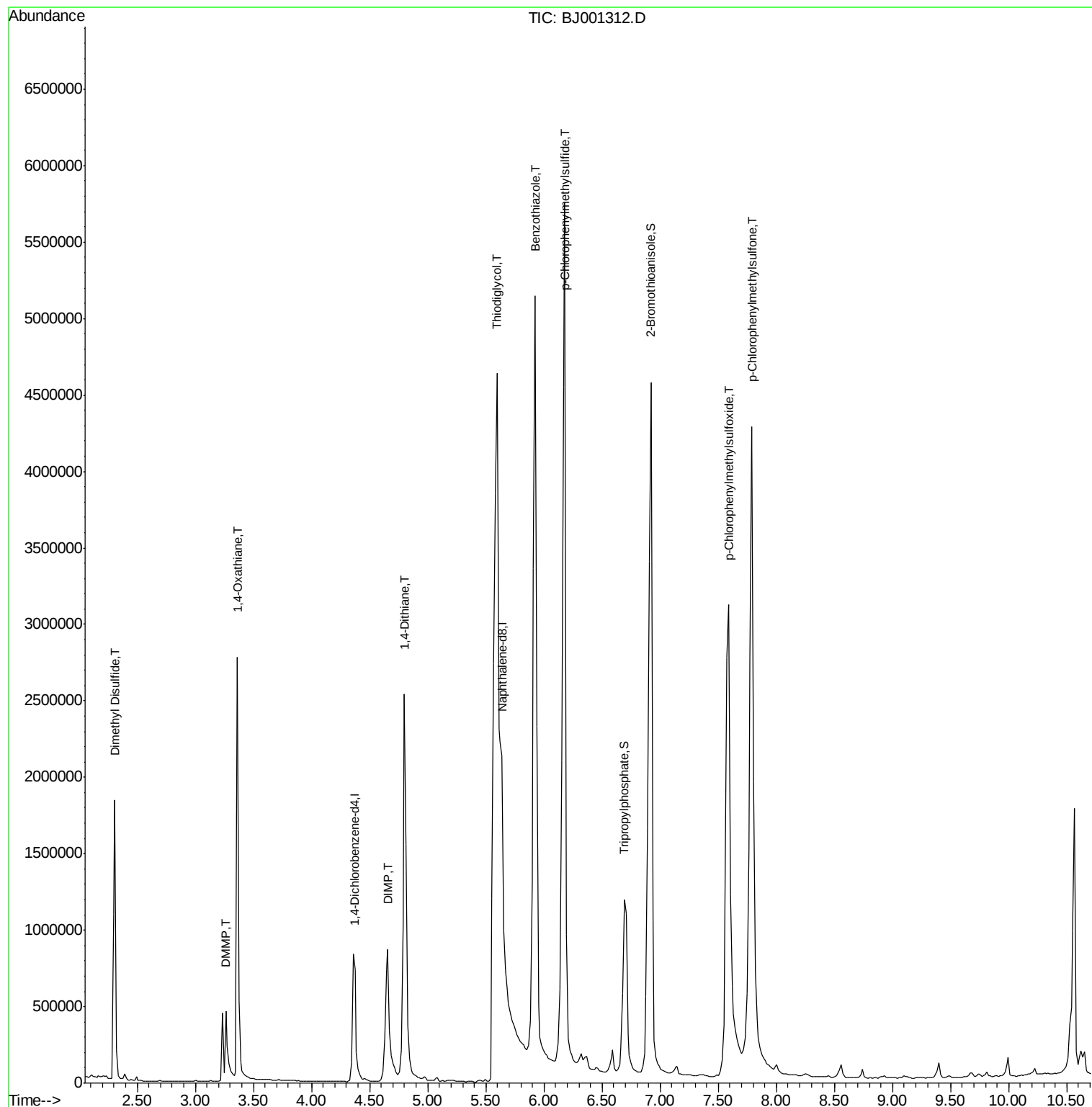
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.31	94	764276	4.56	ug/mL	100
3) DMMP	3.26	79	379537m	2.40	ug/mL	
4) DIMP	4.66	97	832493	2.33	ug/mL	100
5) 1,4-Oxathiane	3.36	46	1025620	5.52	ug/mL	100
7) 1,4-Dithiane	4.80	46	830417	5.73	ug/mL	100
8) Thiodiglycol	5.60	61	5093174m	41.48	ug/mL	
9) Benzothiazole	5.92	135	3948275	11.81	ug/mL	100
11) p-Chlorophenylmethyldisulfid	6.18	158	2226395	10.64	ug/mL	100
13) p-Chlorophenylmethyldisulfox	7.59	159	1570544	11.10	ug/mL	100
14) p-Chlorophenylmethyldisulfon	7.79	111	2132858	10.39	ug/mL	100

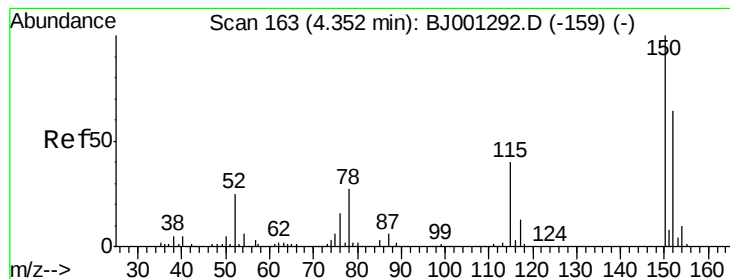
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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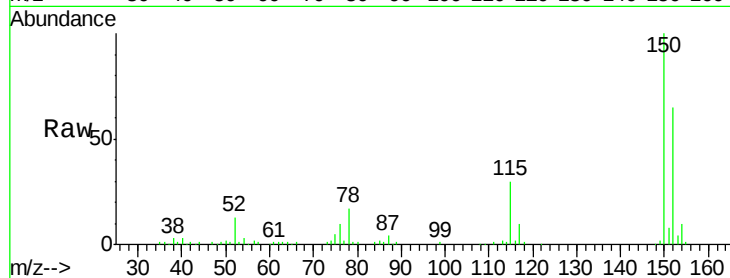


#1

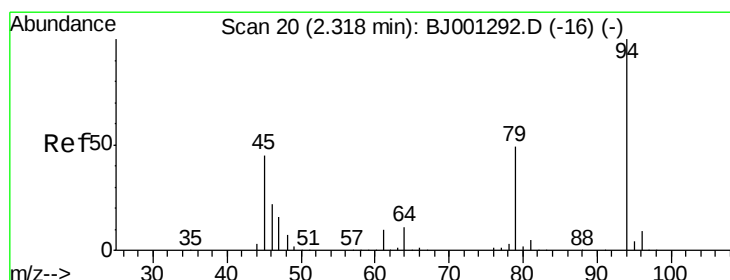
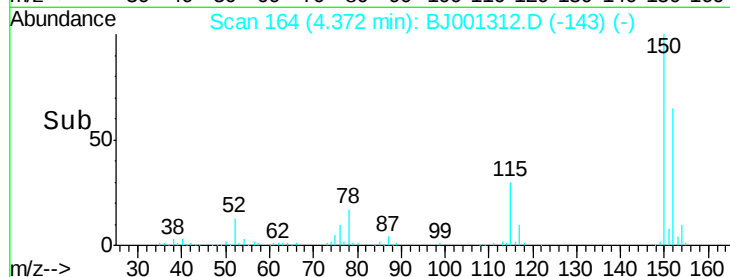
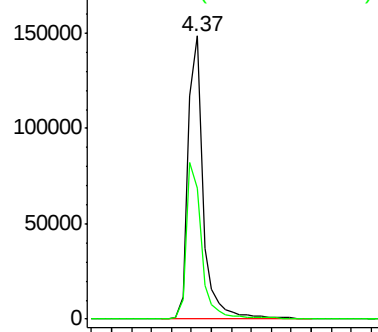
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.37 min Scan# 164
Delta R.T. 0.00 min
Lab File: BJ001312.D
Acq: 4 Dec 2012 16:33

Instrument :
BNA_J
LabSampleId :
CWA-CCV

Tgt Ion:152 Resp: 307587
Ion Ratio Lower Upper
152 100
115 46.3 26.3 66.3



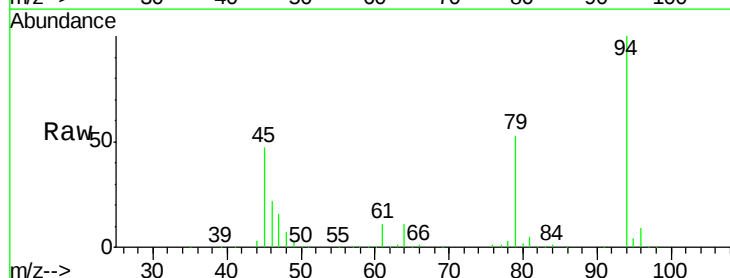
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 115.00 (114.70 to 115.70): B



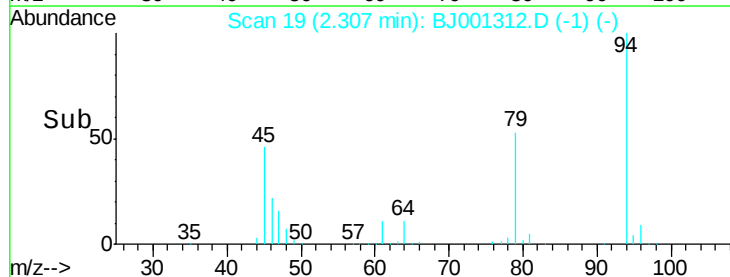
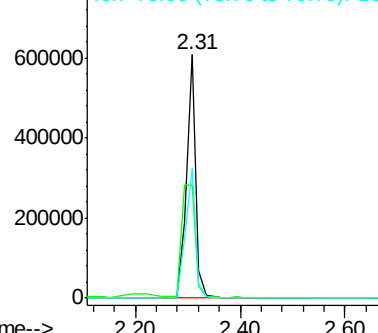
#2

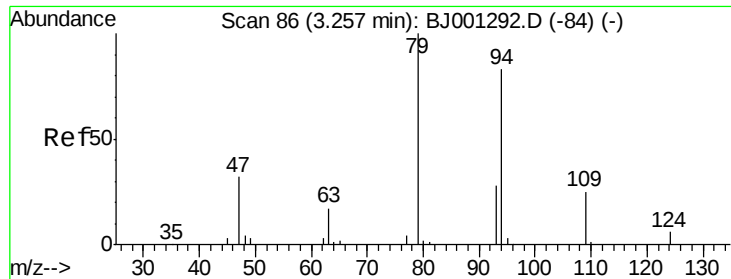
Dimethyl Disulfide
Concen: 4.56 ug/mL
RT: 2.31 min Scan# 19
Delta R.T. 0.00 min
Lab File: BJ001312.D
Acq: 4 Dec 2012 16:33

Tgt Ion: 94 Resp: 764276
Ion Ratio Lower Upper
94 100
45 46.5 26.5 66.5
79 53.4 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: 2.40 ug/mL m

RT: 3.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

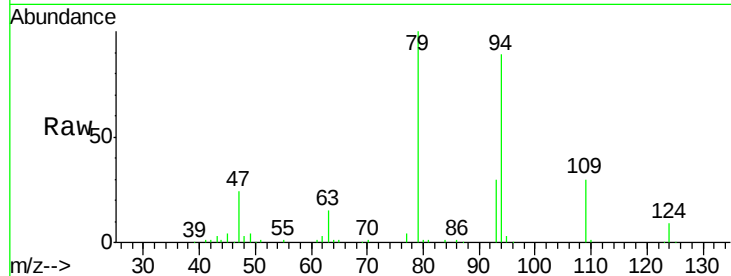
Tgt Ion: 79 Resp: 379537

Ion Ratio Lower Upper

79 100

94 89.1 69.1 109.1

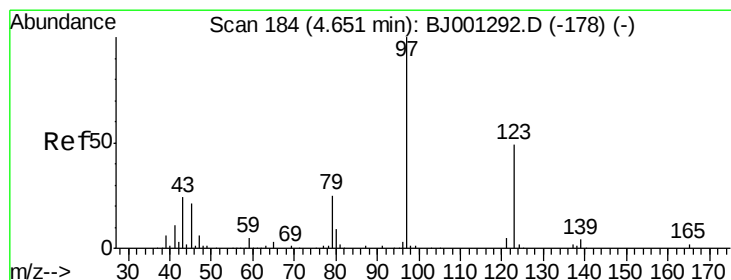
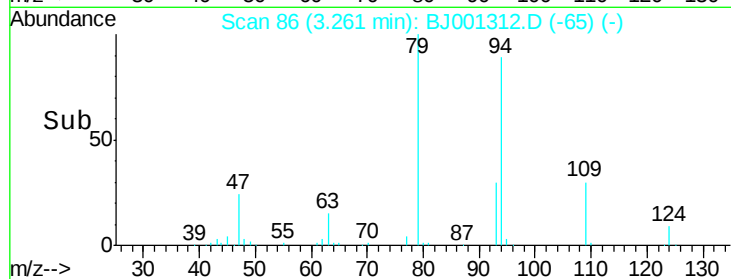
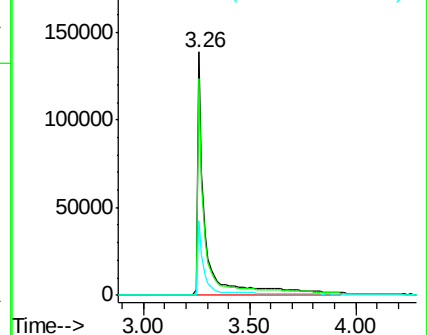
109 30.5 10.5 50.5



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: 2.33 ug/mL

RT: 4.66 min Scan# 184

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Tgt Ion: 97 Resp: 832493

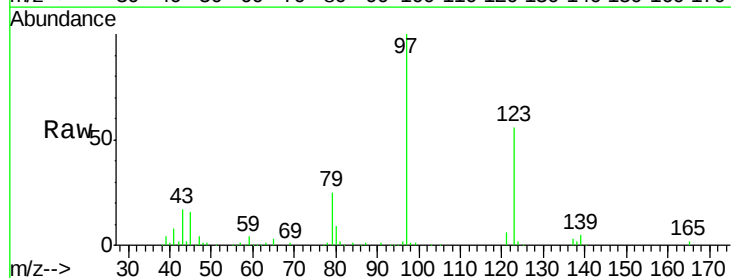
Ion Ratio Lower Upper

97 100

123 56.4 36.4 76.4

43 17.2 0.0 37.2

41 8.0 0.0 28.0

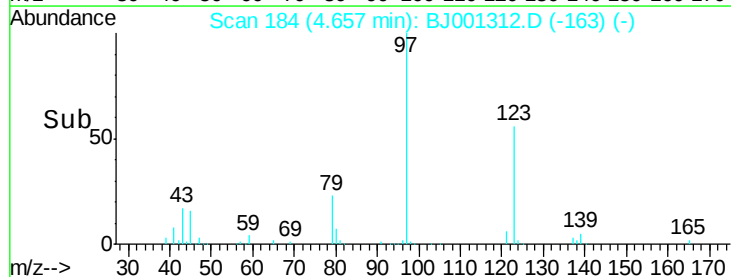
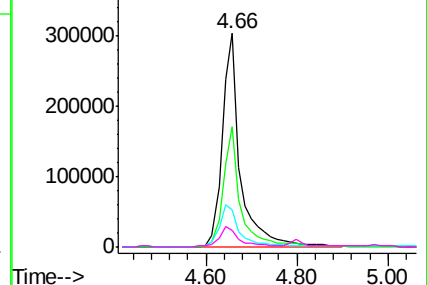


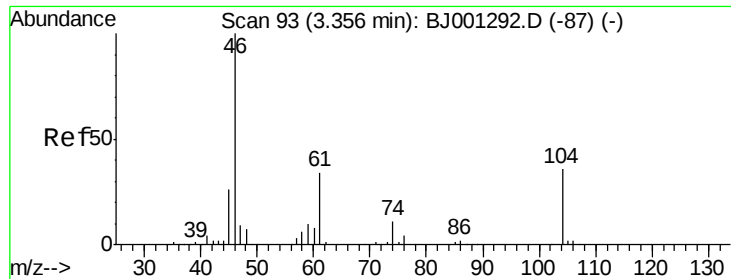
Abundance Ion 97.00 (96.70 to 97.70): BJ0

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: 5.52 ug/mL

RT: 3.36 min Scan# 93

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

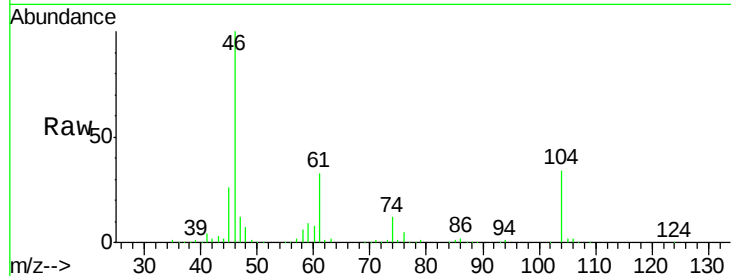
Tgt Ion: 46 Resp: 1025620

Ion Ratio Lower Upper

46 100

61 33.2 13.2 53.2

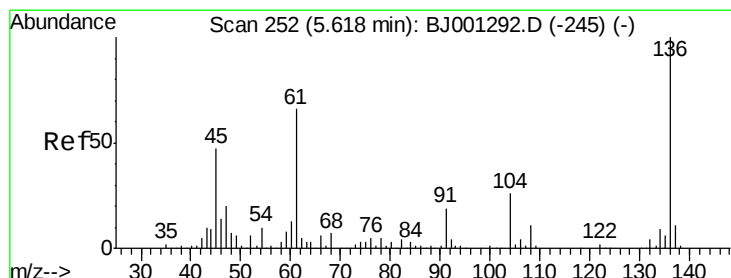
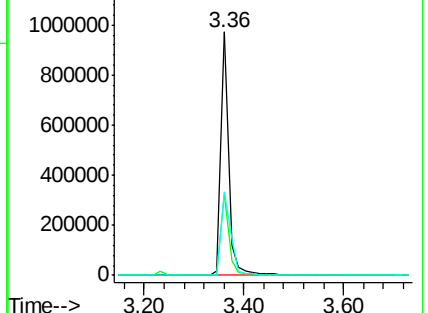
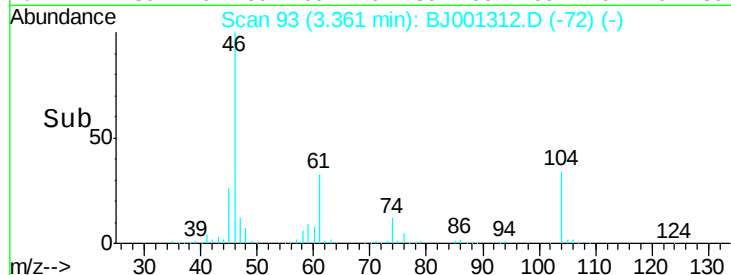
104 34.2 14.2 54.2



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: 5.64 min Scan# 253

Delta R.T. 0.00 min

Lab File: BJ001312.D

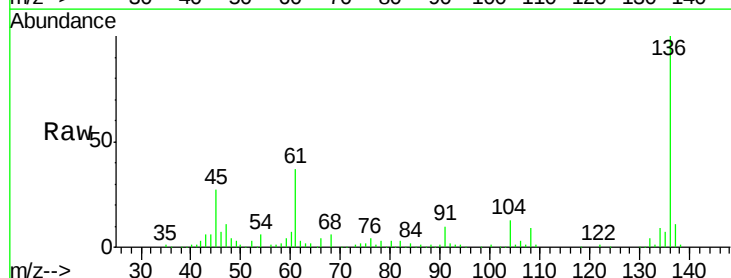
Acq: 4 Dec 2012 16:33

Tgt Ion: 136 Resp: 1196443

Ion Ratio Lower Upper

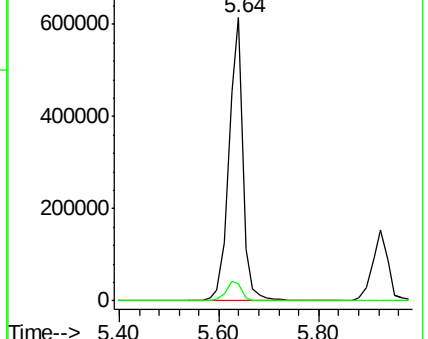
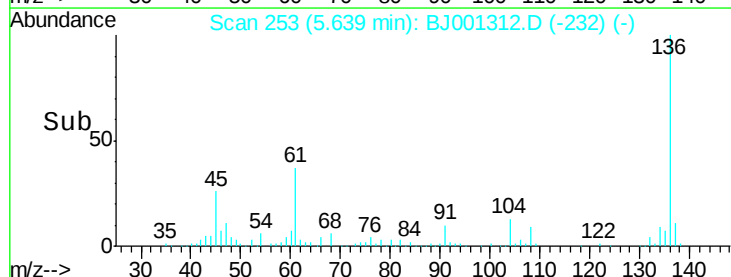
136 100

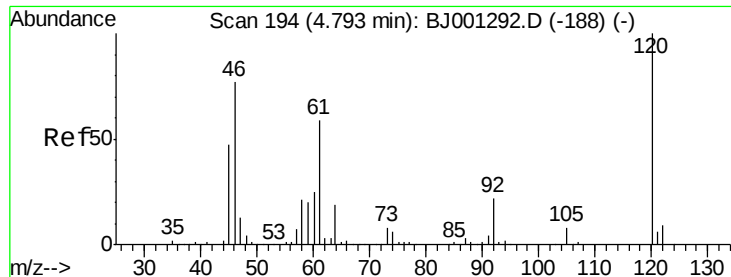
68 5.9 0.0 25.9



Abundance Ion 136.00 (135.70 to 136.70): BJ0

Ion 68.00 (67.70 to 68.70): BJ0





#7

1,4-Dithiane

Concen: 5.73 ug/mL

RT: 4.80 min Scan# 194

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

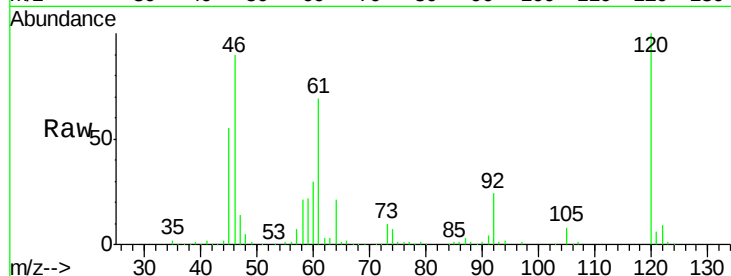
Tgt Ion: 46 Resp: 830417

Ion Ratio Lower Upper

46 100

61 77.0 57.0 97.0

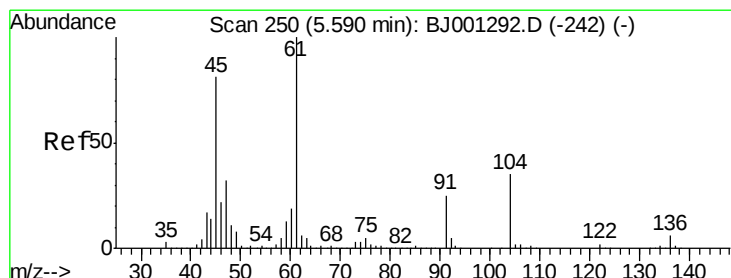
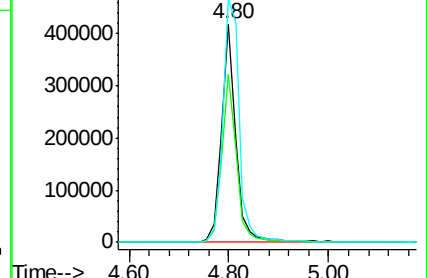
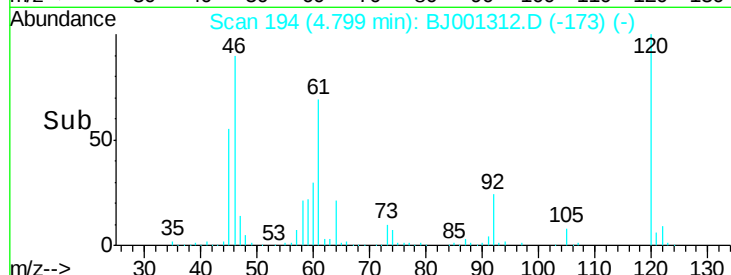
120 111.5 91.5 131.5



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: 41.48 ug/mL m

RT: 5.60 min Scan# 250

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

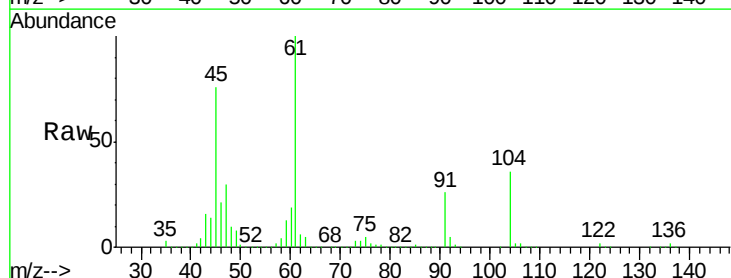
Tgt Ion: 61 Resp: 5093174

Ion Ratio Lower Upper

61 100

45 76.0 56.0 96.0

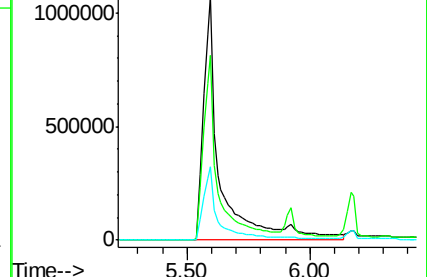
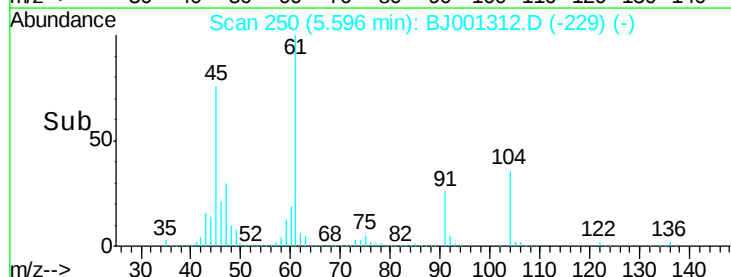
47 30.0 10.0 50.0

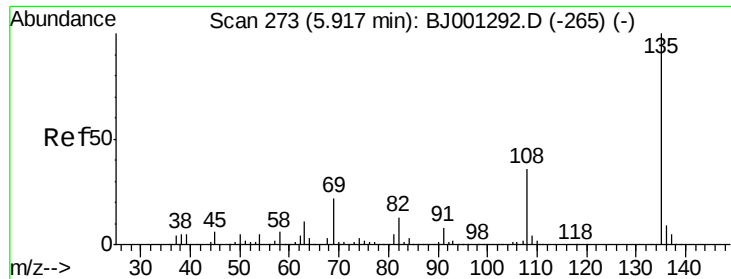


Abundance Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0





#9

Benzothiazole

Concen: 11.81 ug/mL

RT: 5.92 min Scan# 273

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

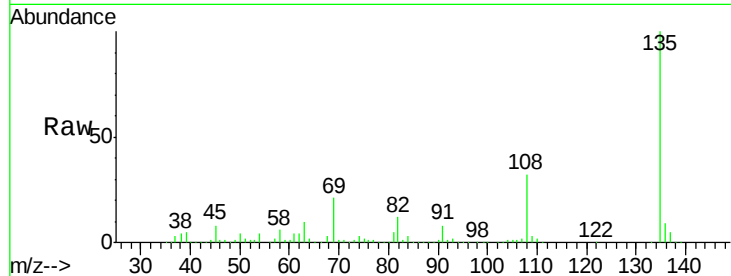
Tgt Ion:135 Resp: 3948275

Ion Ratio Lower Upper

135 100

108 32.0 12.0 52.0

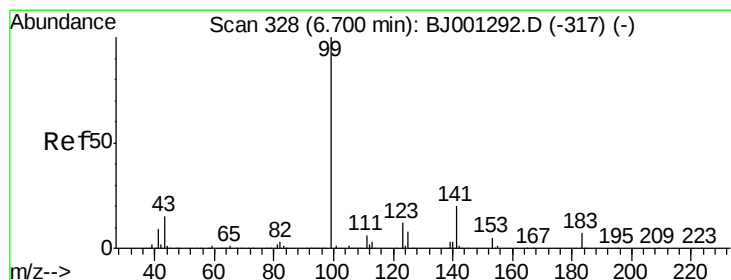
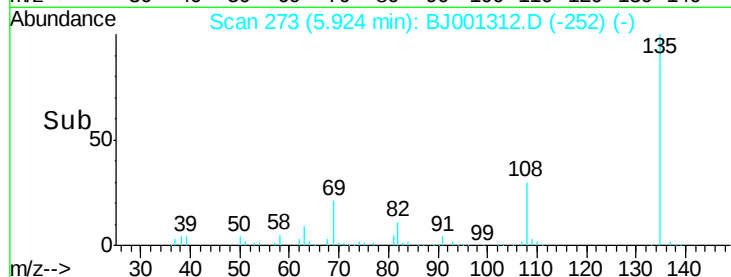
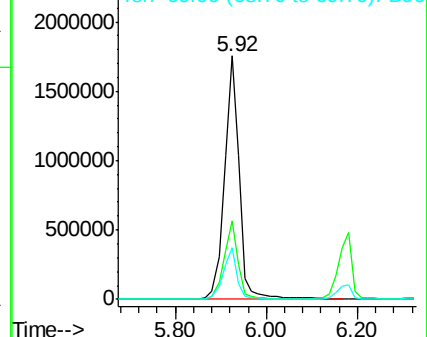
69 21.1 1.1 41.1



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: 2.16 ug/mL

RT: 6.69 min Scan# 327

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

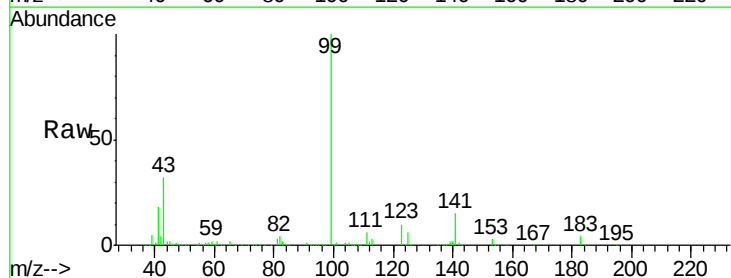
Tgt Ion: 99 Resp: 1291237

Ion Ratio Lower Upper

99 100

141 18.5 14.7 22.1

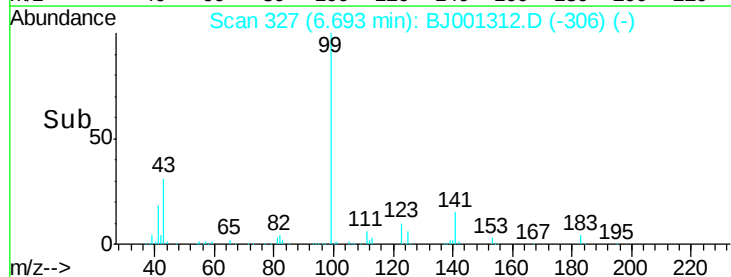
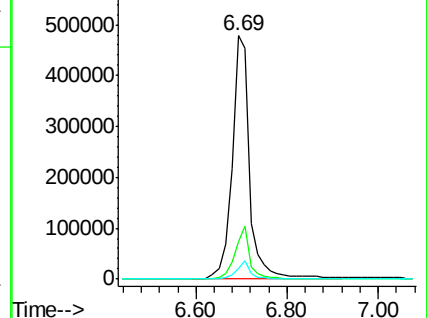
183 5.7 4.6 6.8

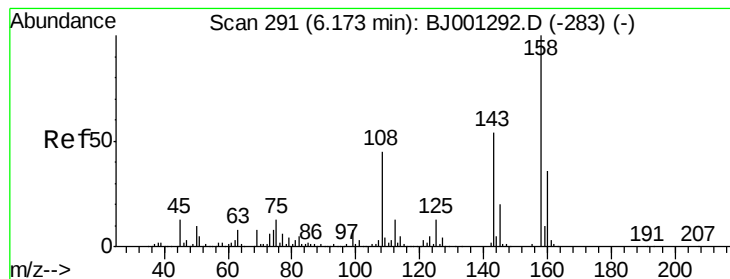


Abundance Ion 99.00 (98.70 to 99.70): BJO

Ion 141.00 (140.70 to 141.70): E

Ion 183.00 (182.70 to 183.70): E





#11

p-Chlorophenylmethylsulfide

Concen: 10.64 ug/mL

RT: 6.18 min Scan# 291

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

Tgt Ion:158 Resp: 2226395

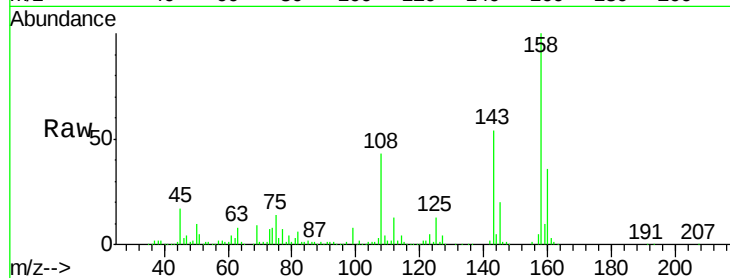
Ion Ratio Lower Upper

158 100

143 54.4 34.4 74.4

108 42.9 22.9 62.9

45 16.9 0.0 36.9

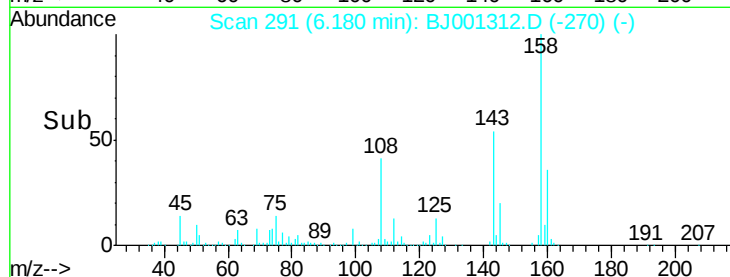


Abundance Ion 158.00 (157.70 to 158.70): E

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



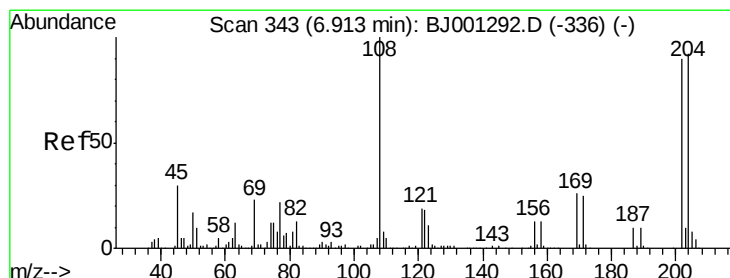
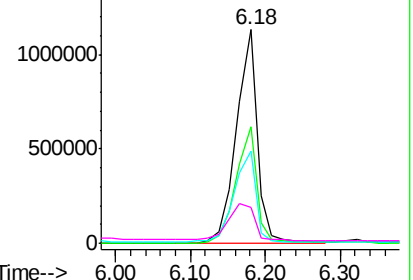
Abundance Ion 158.00 (157.70 to 158.70): E

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

Time-->



#12

2-Bromothioanisole

Concen: 11.25 ug/mL

RT: 6.92 min Scan# 343

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

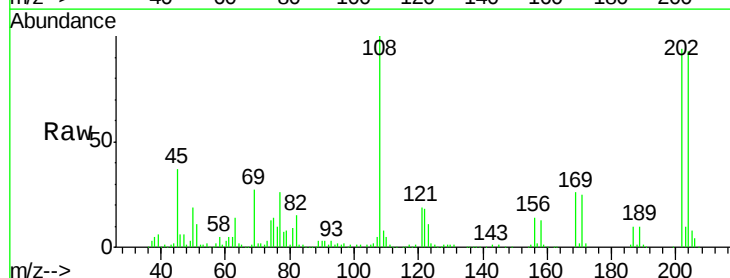
Tgt Ion:204 Resp: 1120573

Ion Ratio Lower Upper

204 100

202 100.7 80.7 120.7

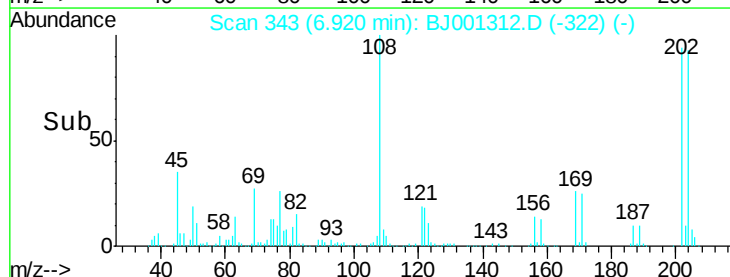
108 107.3 87.3 127.3



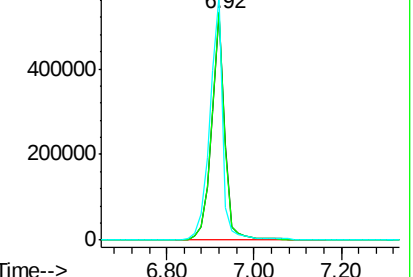
Abundance Ion 204.00 (203.70 to 204.70): E

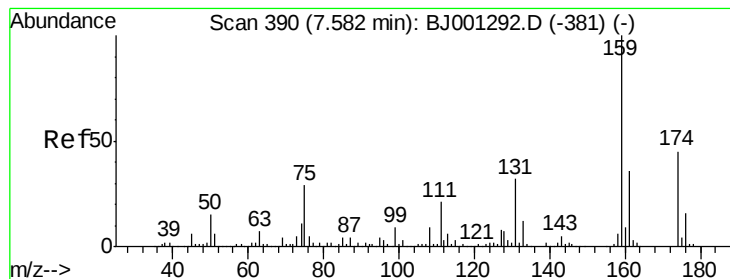
Ion 202.00 (201.70 to 202.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->





#13

p-Chlorophenylmethylsulfoxide

Concen: 11.10 ug/mL

RT: 7.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Instrument :

BNA_J

LabSampleId :

CWA-CCV

Tgt Ion:159 Resp: 1570544

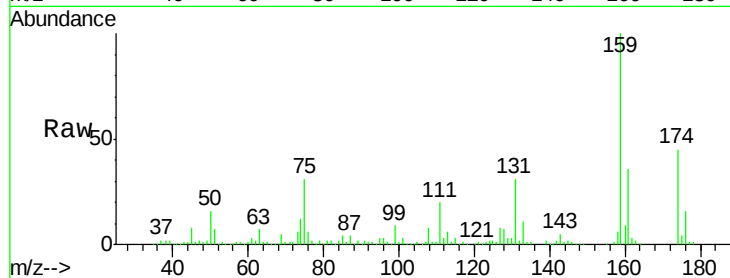
Ion Ratio Lower Upper

159 100

174 46.1 26.4 66.4

108 9.6 0.0 29.6

50 23.3 3.3 43.3

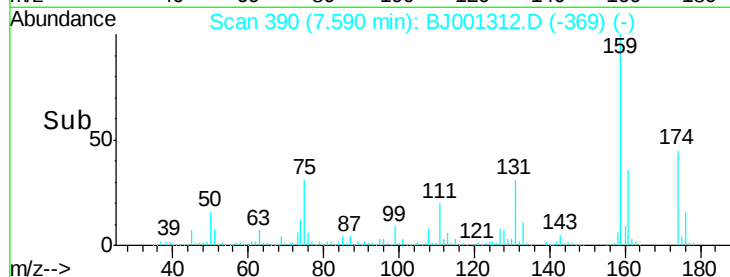


Abundance Ion 159.00 (158.70 to 159.70): E

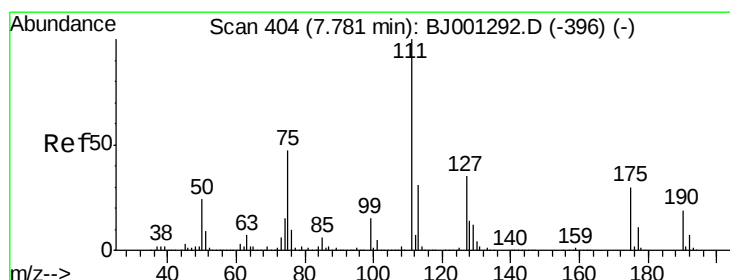
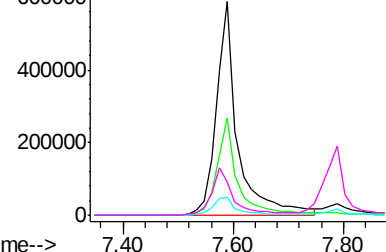
Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



Time-->



#14

p-Chlorophenylmethylsulfone

Concen: 10.39 ug/mL

RT: 7.79 min Scan# 404

Delta R.T. 0.00 min

Lab File: BJ001312.D

Acq: 4 Dec 2012 16:33

Tgt Ion:111 Resp: 2132858

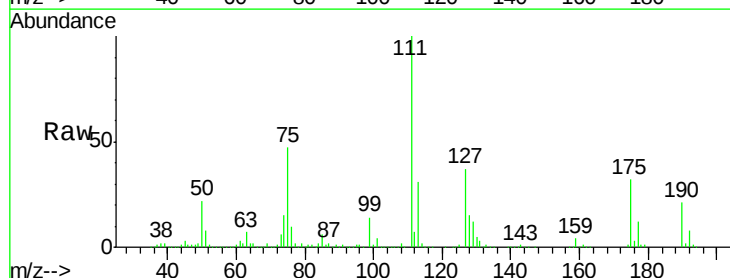
Ion Ratio Lower Upper

111 100

75 47.3 27.3 67.3

127 37.0 17.0 57.0

190 20.8 0.8 40.8

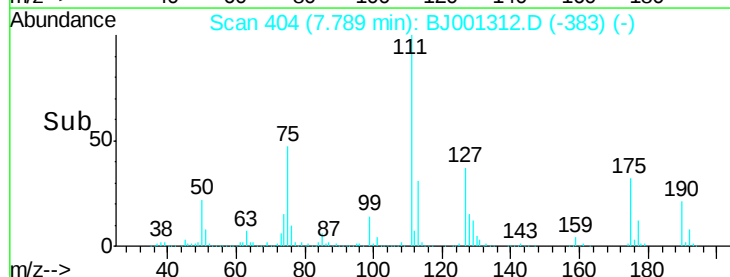


Abundance Ion 111.00 (110.70 to 111.70): E

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



Time-->

