

Data Path : Z:\HPCHEM1\BNA_J\data\BJ121012\
 Data File : BJ001322.D
 Acq On : 10 Dec 2012 17:02
 Operator : HLM
 Sample : CWA-6
 Misc : BNA_J HLM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-6

Quant Time: Dec 13 07:32:12 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Wed Dec 05 11:26:13 2012
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

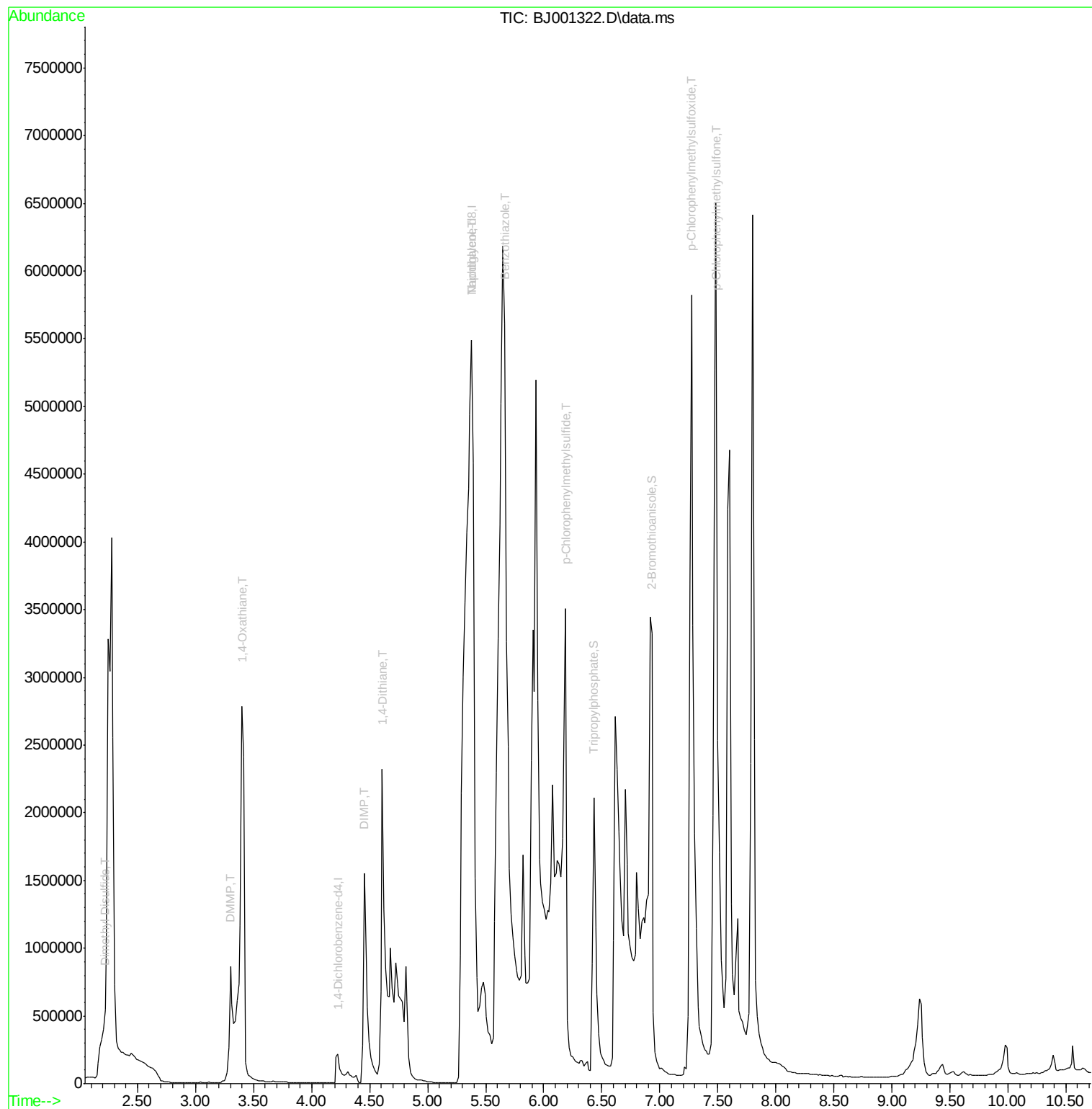
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.226	152	154571m	2.00	ug/mL	-0.15
6) Naphthalene-d8	5.378	136	528254m	2.00	ug/mL	-0.26
System Monitoring Compounds						
10) Tripropylphosphate	6.432	99	3046866m	11.56	ug/mL	-0.26
Spiked Amount 0.500	Range 70	- 130	Recovery	= 2312.00%#		
12) 2-Bromothioanisole	6.930	204	3369899m	76.63	ug/mL	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	= 1532.60%#		
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.219	94	1210388m	17.98	ug/mL	90
3) DMMP	3.301	79	801941m	10.06	ug/mL	
4) DIMP	4.453	97	1555436m	8.66	ug/mL	
5) 1,4-Oxathiane	3.400	46	2124987	22.78	ug/mL	
7) 1,4-Dithiane	4.610	46	1820215m	28.44	ug/mL	
8) Thiodiglycol	5.378	61	12301249m	226.89	ug/mL	
9) Benzothiazole	5.663	135	8594751m	58.25	ug/mL	
11) p-Chlorophenylmethylsu...	6.190	158	5701193m	61.69	ug/mL	
13) p-Chlorophenylmethylsu...	7.271	159	4620429m	73.99	ug/mL	
14) p-Chlorophenylmethylsu...	7.485	111	6786493m	74.91	ug/mL	

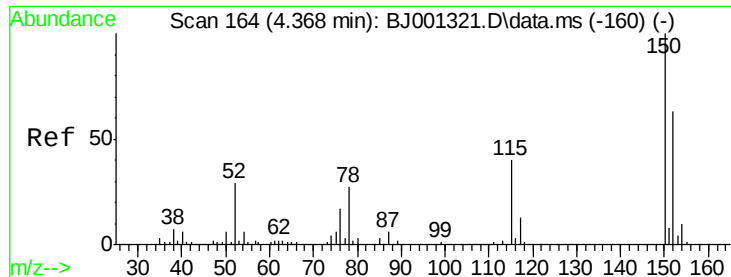
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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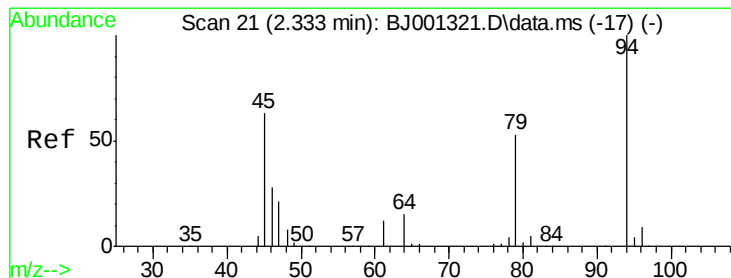
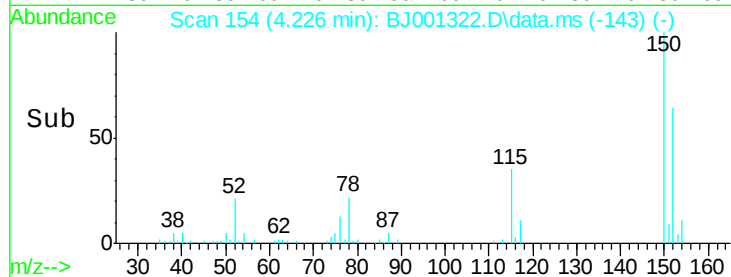
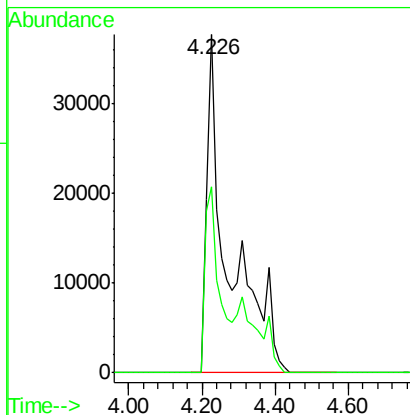
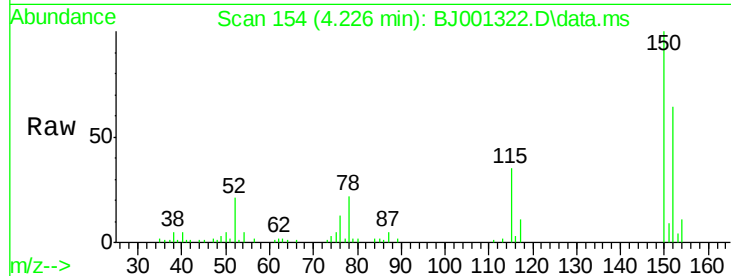


#1

1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL m
RT: 4.226 min Scan# 15
Delta R.T. -0.146 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

Instrument :
BNA_J
LabSampleId :
CWA-6

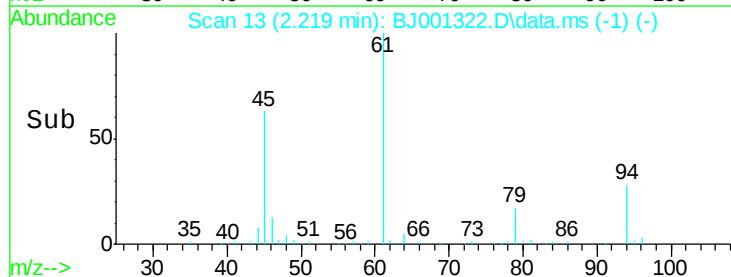
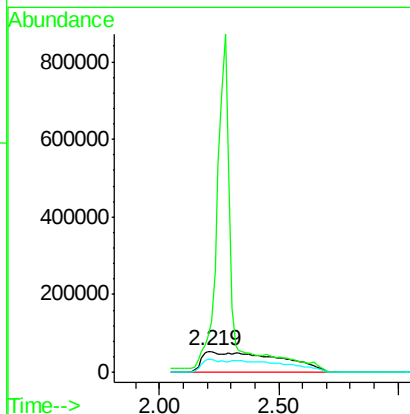
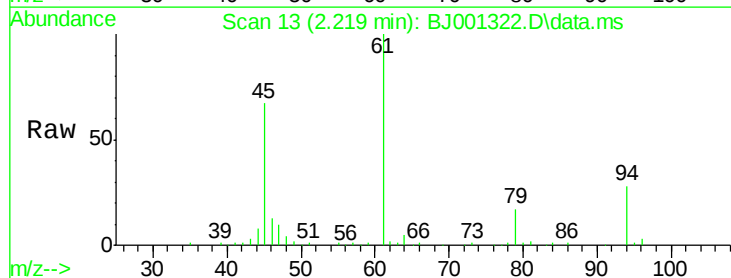
Tgt Ion: 152 Resp: 154571
Ion Ratio Lower Upper
152 100
115 54.8 26.3 66.3

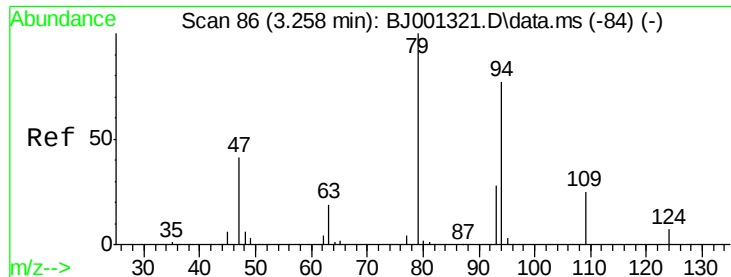


#2

Dimethyl Disulfide
Concen: 17.98 ug/mL m
RT: 2.219 min Scan# 13
Delta R.T. -0.088 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

Tgt Ion: 94 Resp: 1210388
Ion Ratio Lower Upper
94 100
45 240.1 26.5 66.5#
79 61.1 33.4 73.4





#3

DMMP

Concen: 10.06 ug/mL m

RT: 3.301 min Scan# 89

Delta R.T. 0.039 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Instrument :

BNA_J

LabSampleId :

CWA-6

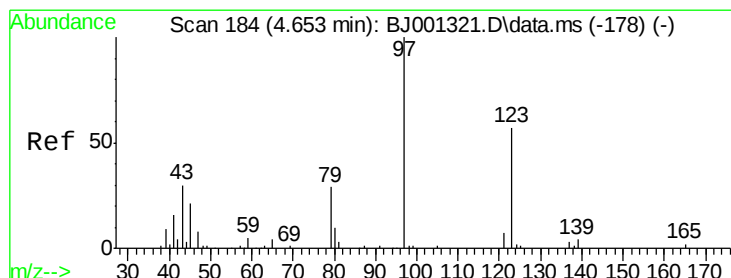
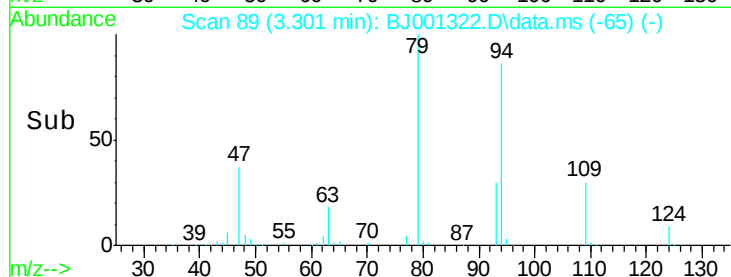
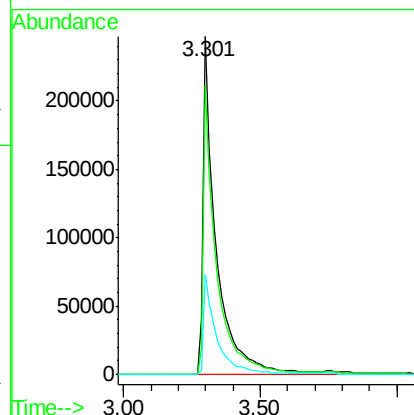
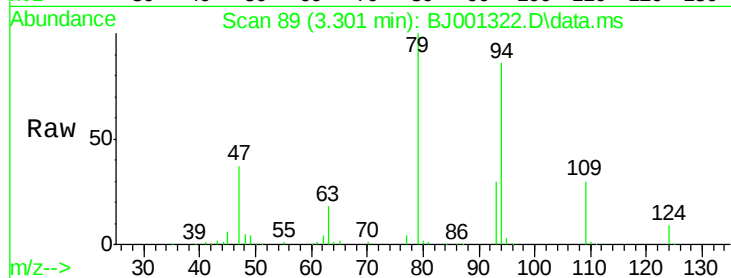
Tgt Ion: 79 Resp: 801941

Ion Ratio Lower Upper

79 100

94 85.5 69.1 109.1

109 29.5 10.5 50.5



#4

DIMP

Concen: 8.66 ug/mL m

RT: 4.453 min Scan# 170

Delta R.T. -0.203 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Tgt Ion: 97 Resp: 1555436

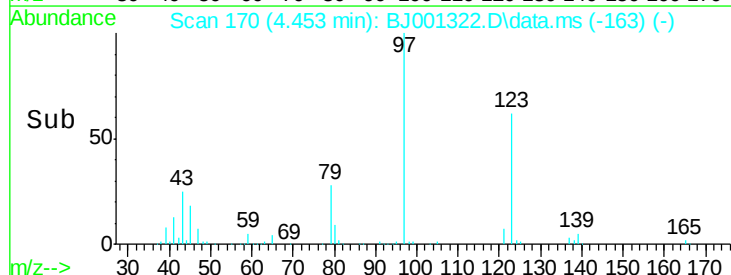
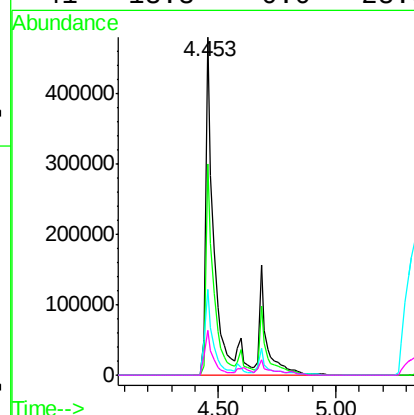
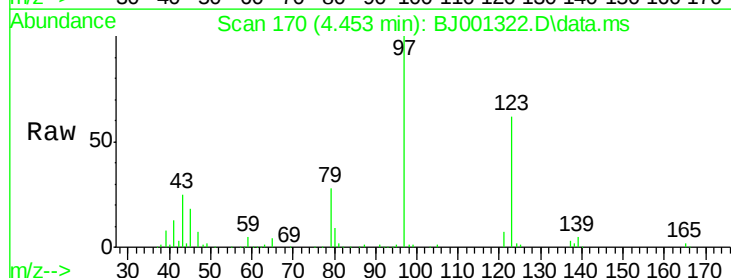
Ion Ratio Lower Upper

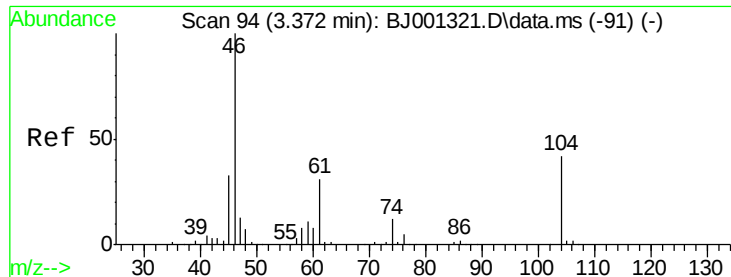
97 100

123 62.5 36.4 76.4

43 25.4 0.0 37.2

41 13.3 0.0 28.0





#5

1,4-Oxathiane

Concen: 22.78 ug/mL

RT: 3.400 min Scan# 96

Delta R.T. 0.039 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Instrument :

BNA_J

LabSampleId :

CWA-6

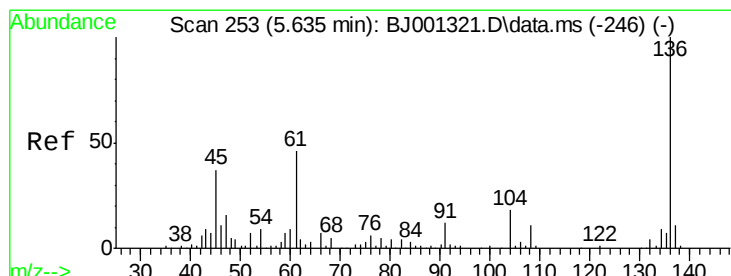
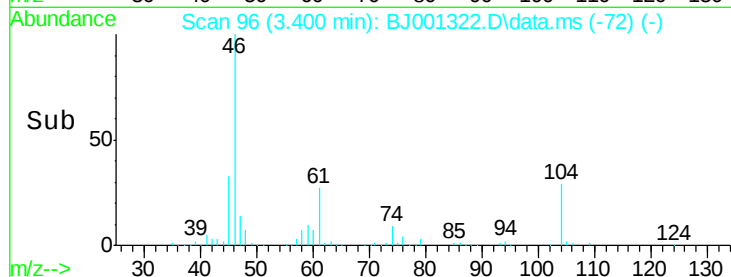
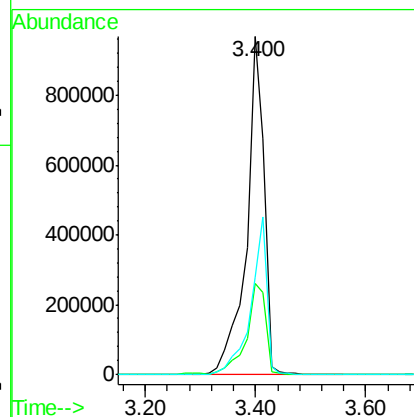
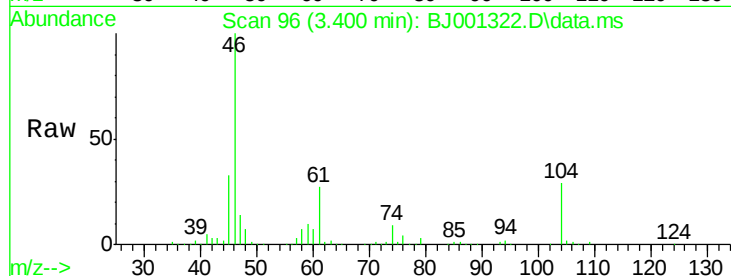
Tgt Ion: 46 Resp: 2124987

Ion Ratio Lower Upper

46 100

61 27.0 13.2 53.2

104 28.8 14.2 54.2



#6

Naphthalene-d8

Concen: 2.00 ug/mL m

RT: 5.378 min Scan# 235

Delta R.T. -0.261 min

Lab File: BJ001322.D

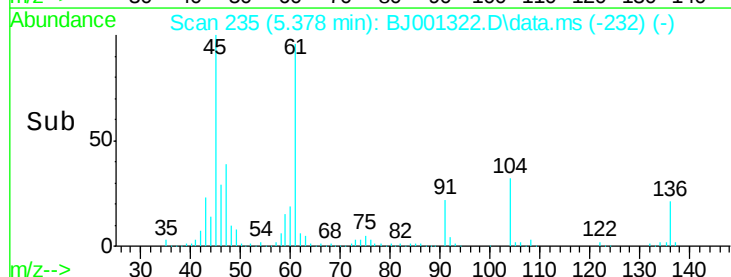
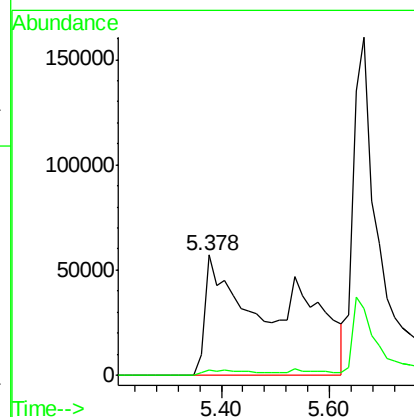
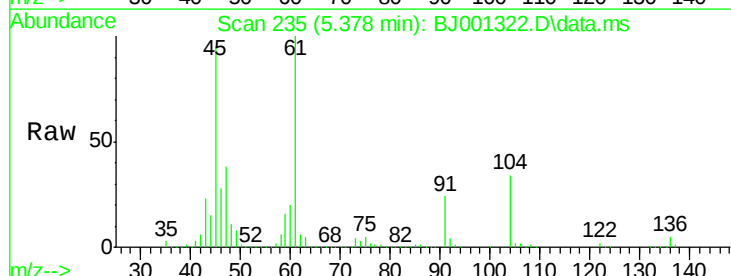
Acq: 10 Dec 2012 17:02

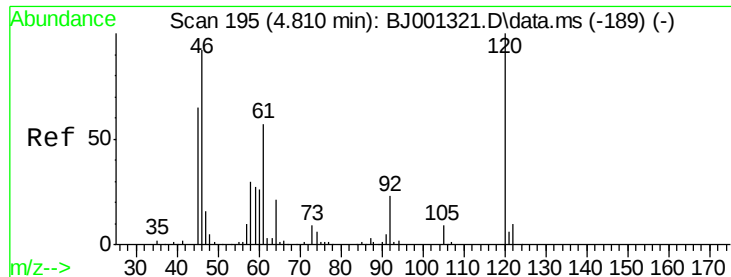
Tgt Ion: 136 Resp: 528254

Ion Ratio Lower Upper

136 100

68 4.8 0.0 25.9





#7

1,4-Dithiane

Concen: 28.44 ug/mL m

RT: 4.610 min Scan# 181

Delta R.T. -0.189 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

Instrument :

BNA_J

LabSampleId :

CWA-6

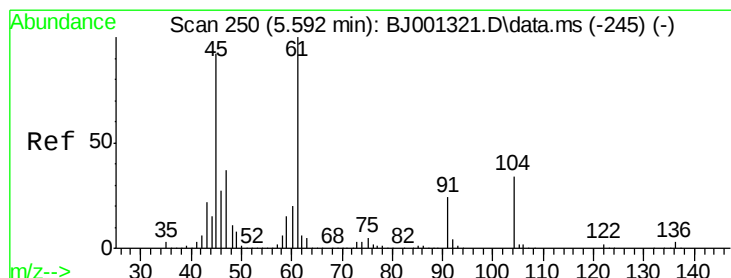
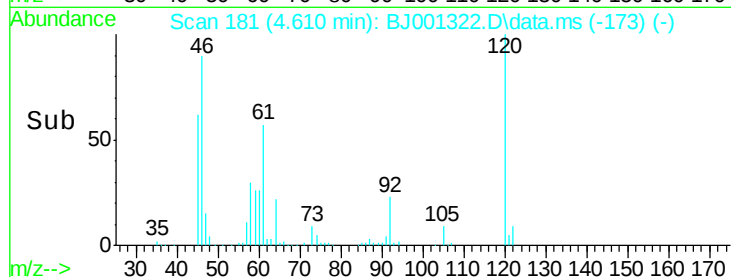
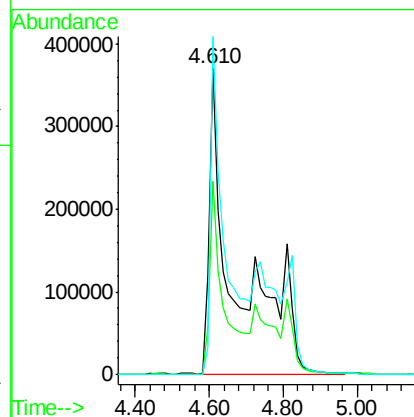
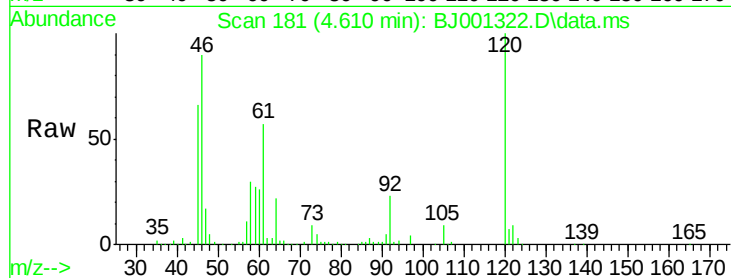
Tgt Ion: 46 Resp: 1820215

Ion Ratio Lower Upper

46 100

61 63.4 57.0 97.0

120 110.6 91.5 131.5



#8

Thiodiglycol

Concen: 226.89 ug/mL m

RT: 5.378 min Scan# 235

Delta R.T. -0.218 min

Lab File: BJ001322.D

Acq: 10 Dec 2012 17:02

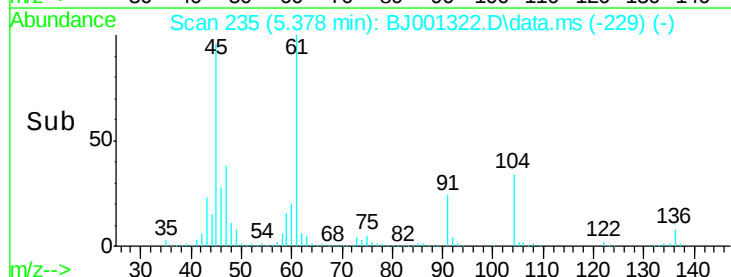
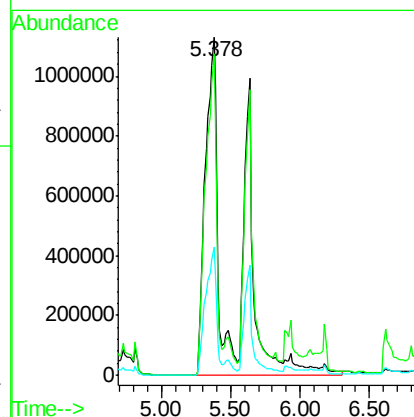
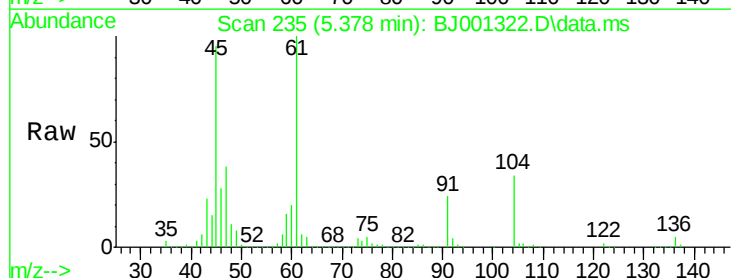
Tgt Ion: 61 Resp: 12301249

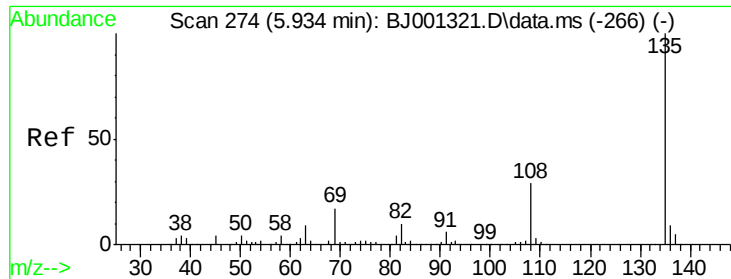
Ion Ratio Lower Upper

61 100

45 95.2 56.0 96.0

47 37.7 10.0 50.0

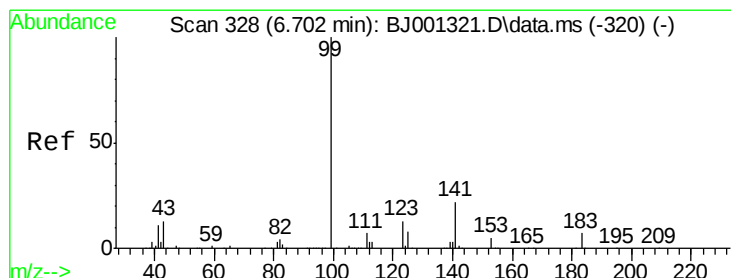
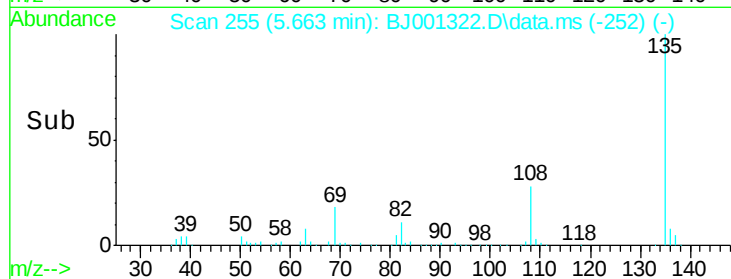
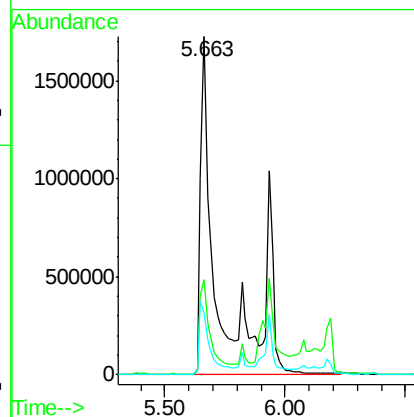
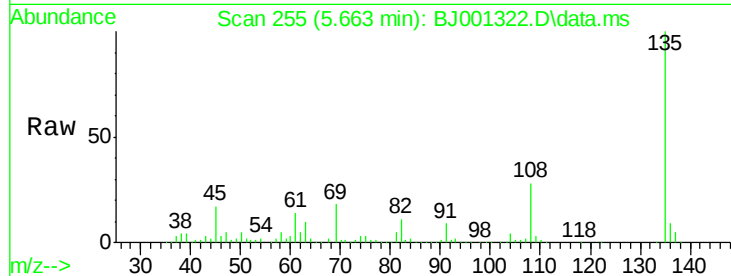




#9
Benzothiazole
Concen: 58.25 ug/mL m
RT: 5.663 min Scan# 25
Delta R.T. -0.261 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

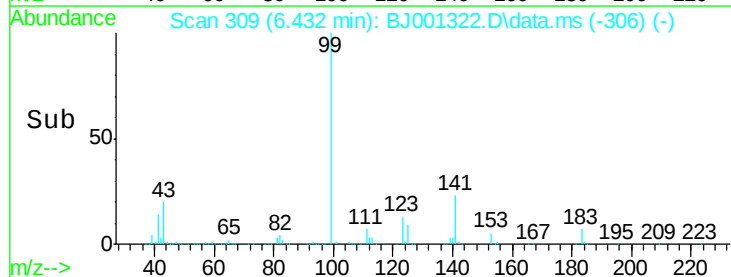
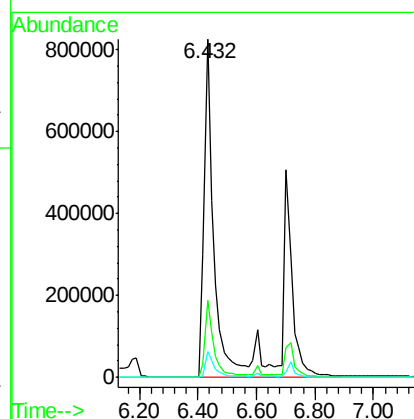
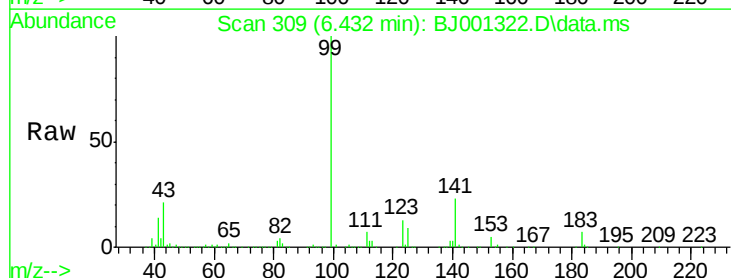
Instrument :
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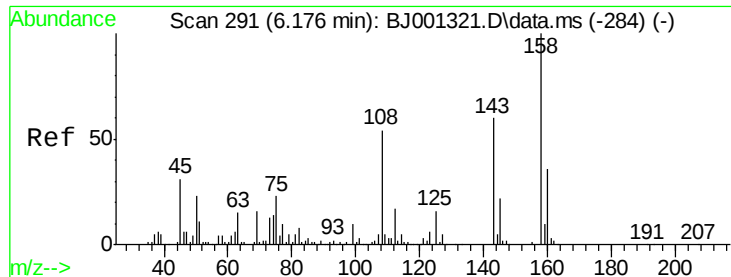
Tgt Ion:135 Resp: 8594751
Ion Ratio Lower Upper
135 100
108 28.2 12.0 52.0
69 18.1 1.1 41.1



#10
Tripropylphosphate
Concen: 11.56 ug/mL m
RT: 6.432 min Scan# 309
Delta R.T. -0.261 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

Tgt Ion: 99 Resp: 3046866
Ion Ratio Lower Upper
99 100
141 1.7 14.7 22.1#
183 0.5 4.6 6.8#

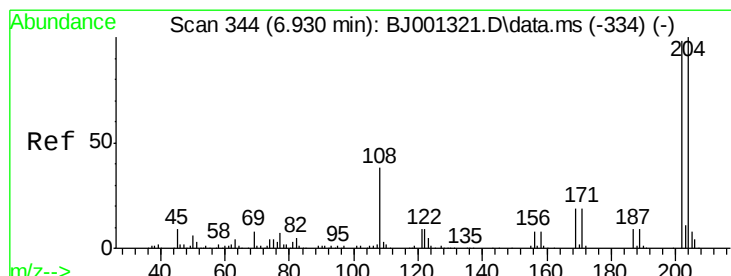
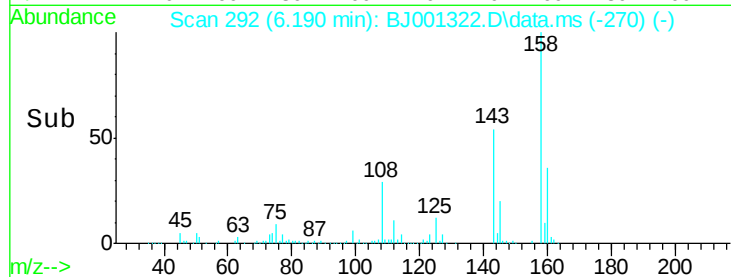
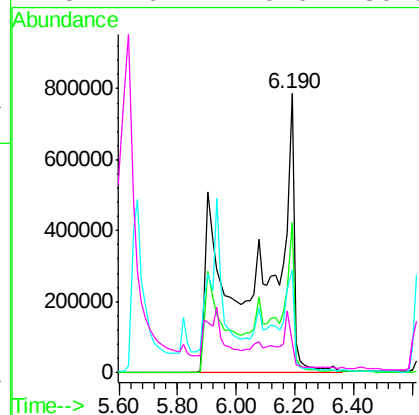
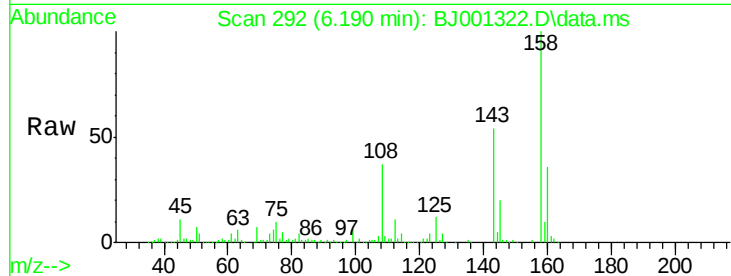




#11
p-Chlorophenylmethylsulfide
Concen: 61.69 ug/mL m
RT: 6.190 min Scan# 291
Delta R.T. 0.010 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

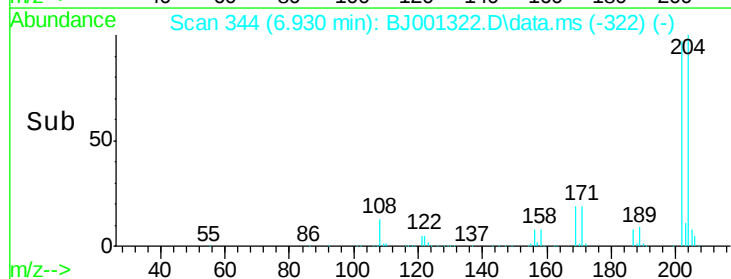
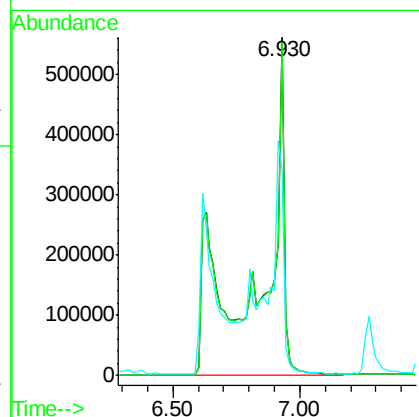
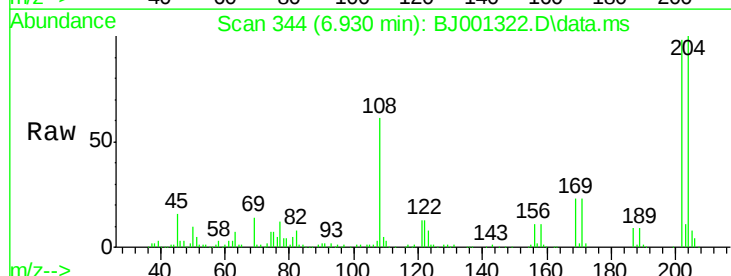
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LabSampleId :
CWA-6

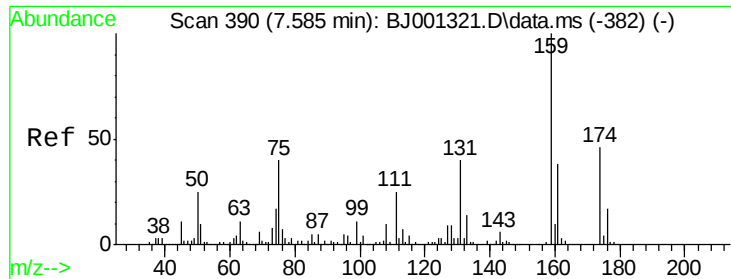
Tgt Ion:158 Resp: 5701193
Ion Ratio Lower Upper
158 100
143 53.6 34.4 74.4
108 36.8 22.9 62.9
45 10.7 0.0 36.9



#12
2-Bromothioanisole
Concen: 76.63 ug/mL m
RT: 6.930 min Scan# 344
Delta R.T. 0.009 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

Tgt Ion:204 Resp: 3369899
Ion Ratio Lower Upper
204 100
202 98.4 80.7 120.7
108 60.8 87.3 127.3#

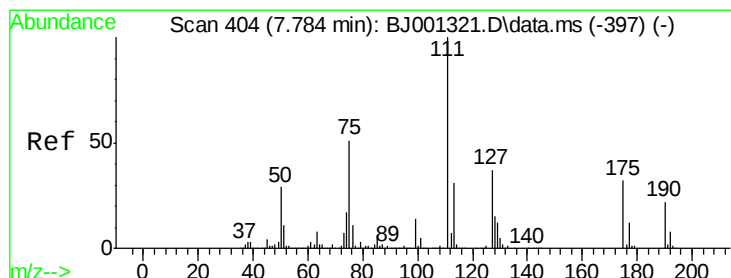
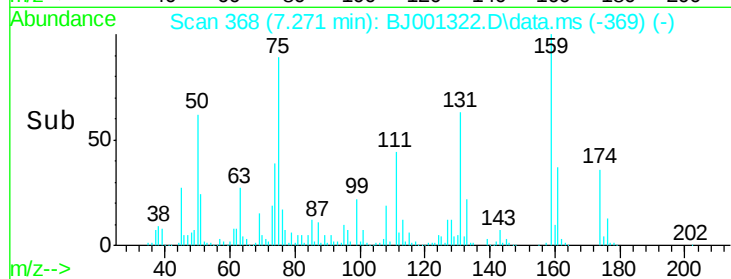
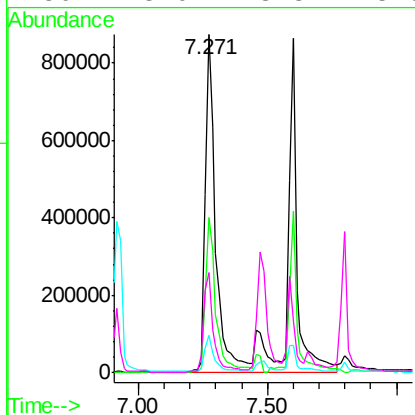
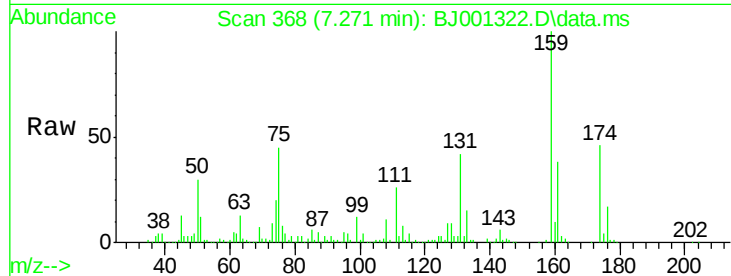




#13
p-Chlorophenylmethylsulfoxide
Concen: 73.99 ug/mL m
RT: 7.271 min Scan# 361
Delta R.T. -0.318 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

Instrument :
BNA_J
LabSampleId :
CWA-6

Tgt Ion:159 Resp: 4620429
Ion Ratio Lower Upper
159 100
174 17.8 26.4 66.4#
108 3.0 0.0 29.6
50 8.0 3.3 43.3



#14
p-Chlorophenylmethylsulfone
Concen: 74.91 ug/mL m
RT: 7.485 min Scan# 383
Delta R.T. -0.304 min
Lab File: BJ001322.D
Acq: 10 Dec 2012 17:02

Tgt Ion:111 Resp: 6786493
Ion Ratio Lower Upper
111 100
75 43.9 27.3 67.3
127 37.5 17.0 57.0
190 25.9 0.8 40.8

