

Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
 Data File : BJ001143.D
 Acq On : 24 Sep 2012 15:34
 Operator : HLM
 Sample : CWA-6
 Misc : CWA STD BNA_J HLM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CWA-6

Quant Time: Oct 05 08:20:55 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Sep 11 15:38:38 2012
 Response via : Initial Calibration

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

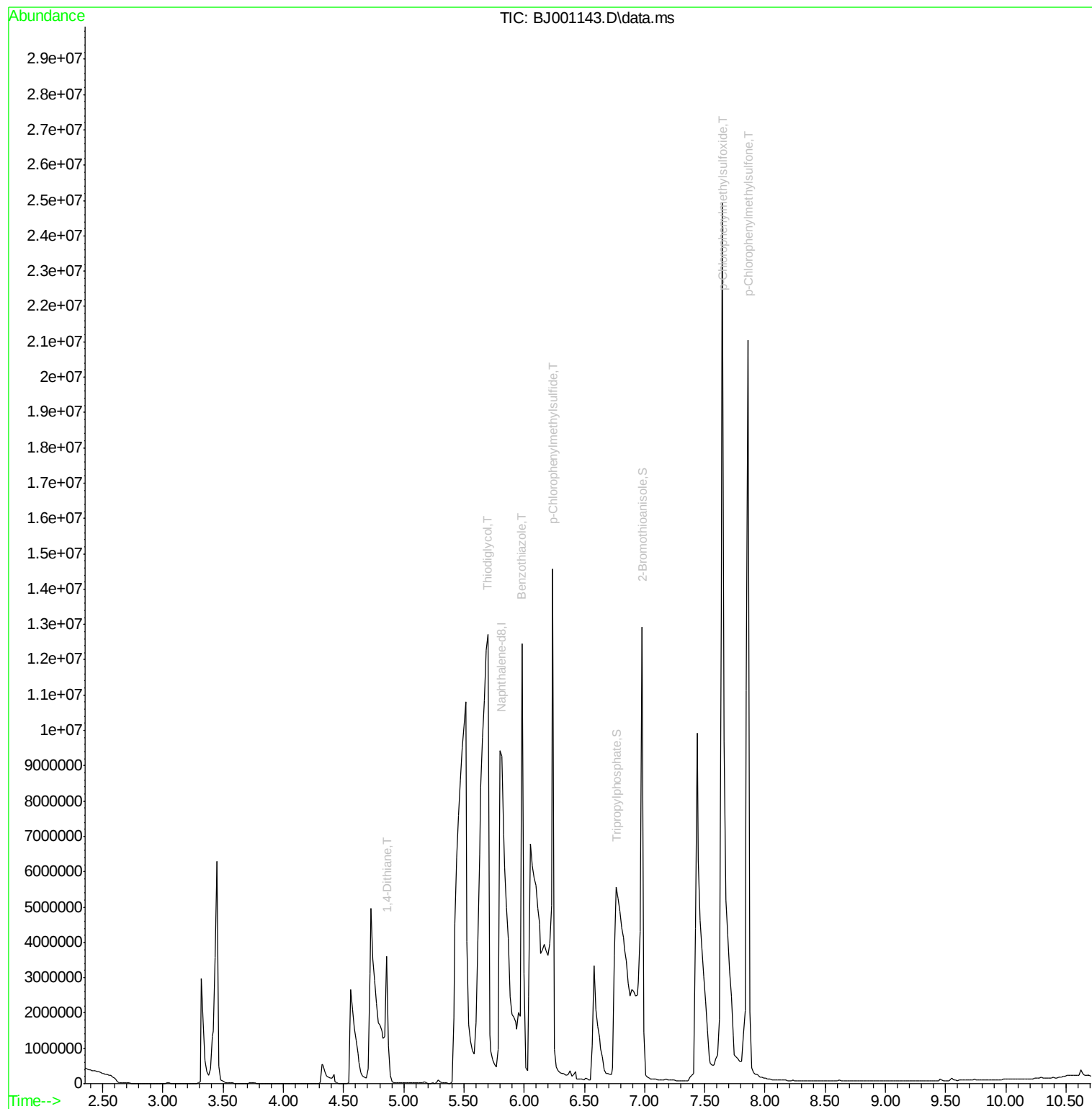
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ug/mL	-4.60
6) Naphthalene-d8	5.812	136	1493695	2.00	ug/mL	-0.08
System Monitoring Compounds						
10) Tripropylphosphate	6.765	99	3046855	4.72	ug/mL	-0.18
Spiked Amount 0.500	Range 70 - 130		Recovery	=	944.00%#	
12) 2-Bromothioanisole	6.979	204	2274245	19.72	ug/mL	-0.21
Spiked Amount 5.000	Range 70 - 130		Recovery	=	394.40%#	
Target Compounds						
						Qvalue
7) 1,4-Dithiane	4.858	46	749853	5.88	ug/mL	96
8) Thiodiglycol	5.698	61	12310535	101.75	ug/mL	99
9) Benzothiazole	5.982	135	6958549	17.15	ug/mL	85
11) p-Chlorophenylmethyisu...	6.239	158	4337544	18.08	ug/mL	90
13) p-Chlorophenylmethyisu...	7.648	159	5051945	32.90	ug/mL	87
14) p-Chlorophenylmethyisu...	7.861	111	6922326	29.13	ug/mL	91

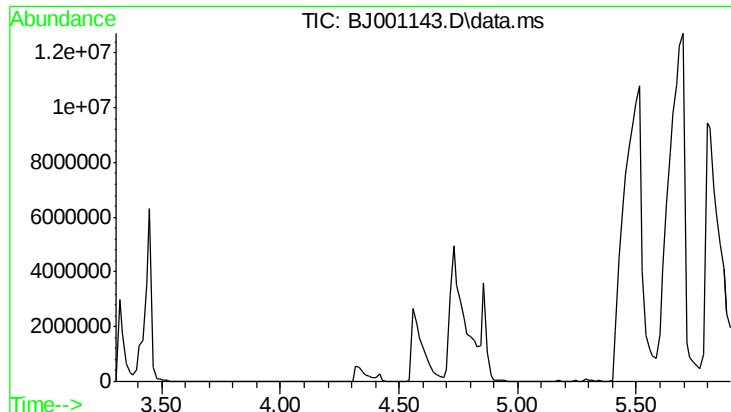
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ug/mL

Expected RT: 4.60 min

Lab File: BJ001143.D

Acq: 24 Sep 2012 15:34

Tgt Ion: 152

Sig Exp Ratio

152 100

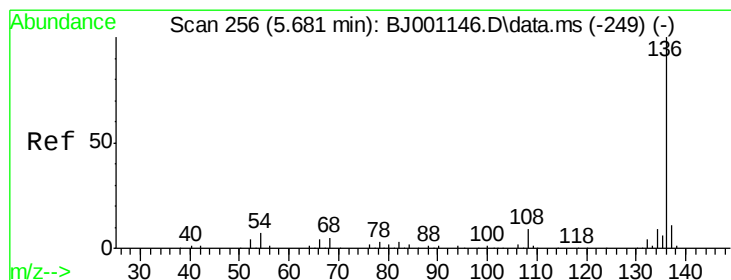
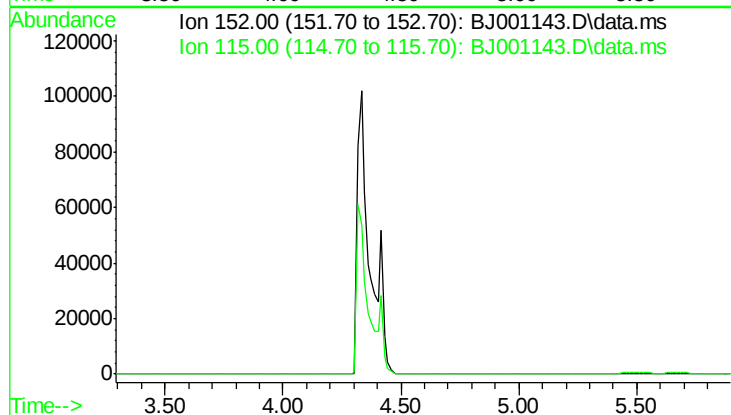
115 55.3

Instrument :

BNA_J

ClientSampleId :

CWA-6



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.812 min Scan# 244

Delta R.T. -0.081 min

Lab File: BJ001143.D

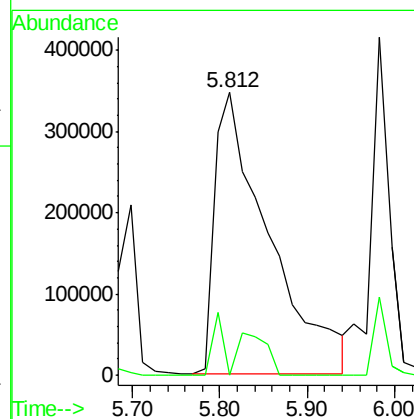
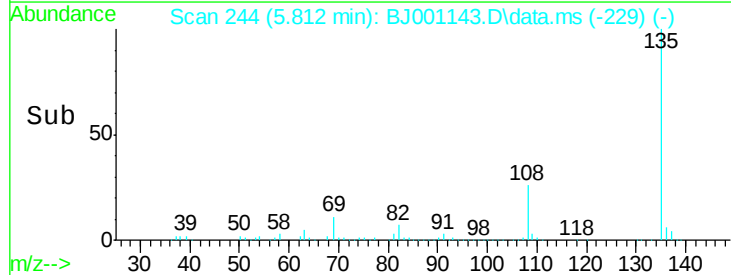
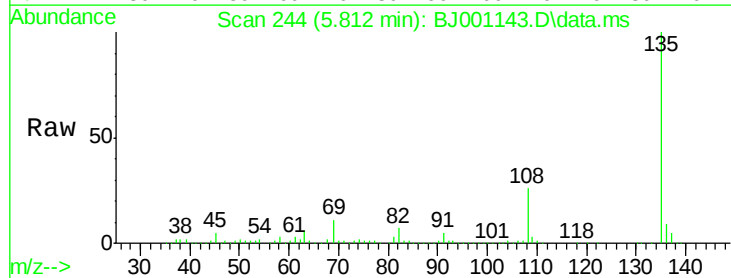
Acq: 24 Sep 2012 15:34

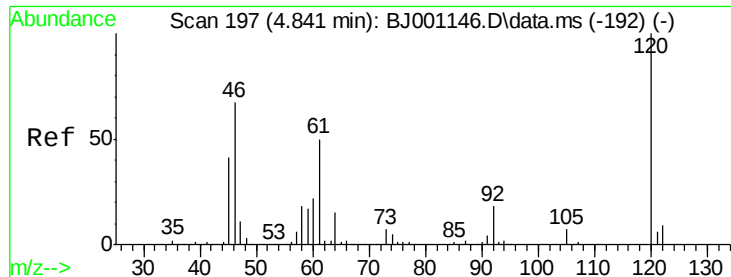
Tgt Ion: 136 Resp: 1493695

Ion Ratio Lower Upper

136 100

68 0.0 0.0 24.4





#7

1,4-Dithiane

Concen: 5.88 ug/mL

RT: 4.858 min Scan# 17

Delta R.T. -0.181 min

Lab File: BJ001143.D

Acq: 24 Sep 2012 15:34

Instrument :

BNA_J

ClientSampleId :

CWA-6

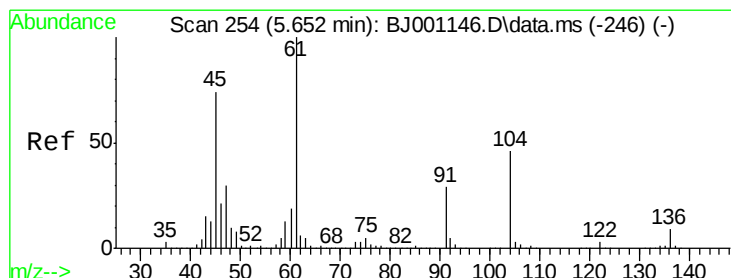
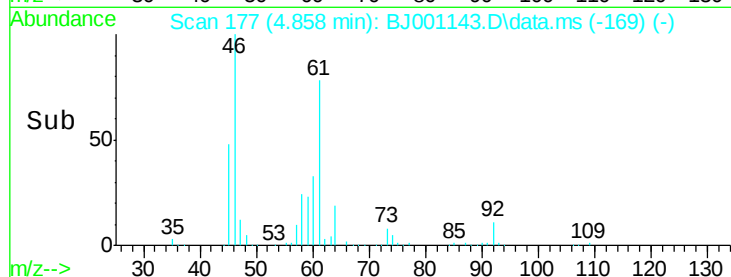
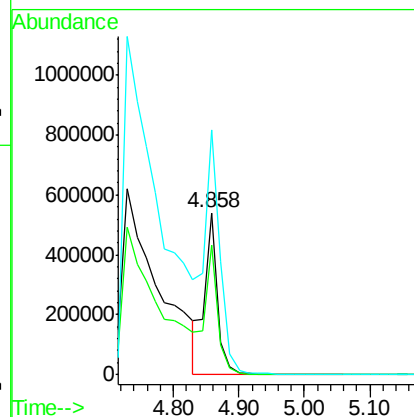
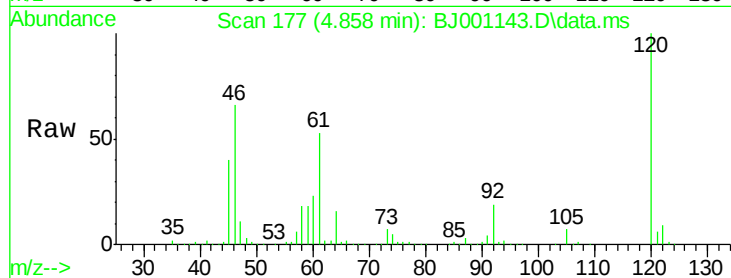
Tgt Ion: 46 Resp: 749853

Ion Ratio Lower Upper

46 100

61 79.8 60.0 100.0

120 150.9 138.1 178.1



#8

Thiodiglycol

Concen: 101.75 ug/mL

RT: 5.698 min Scan# 236

Delta R.T. -0.138 min

Lab File: BJ001143.D

Acq: 24 Sep 2012 15:34

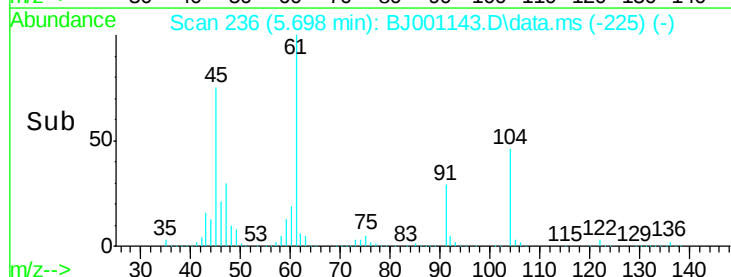
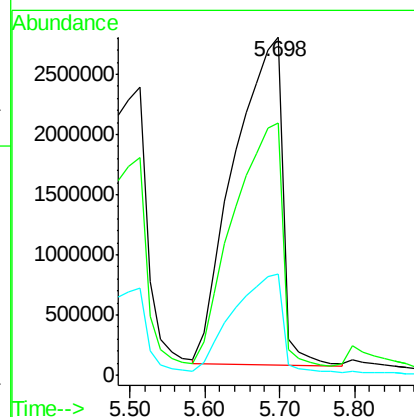
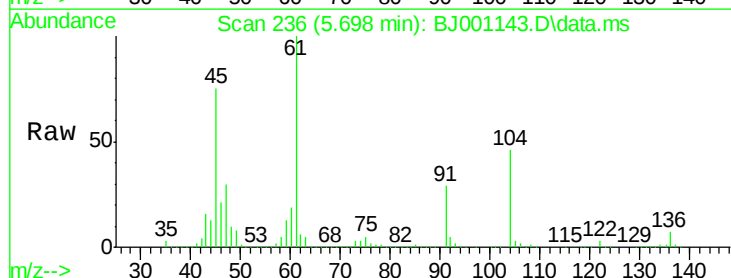
Tgt Ion: 61 Resp: 12310535

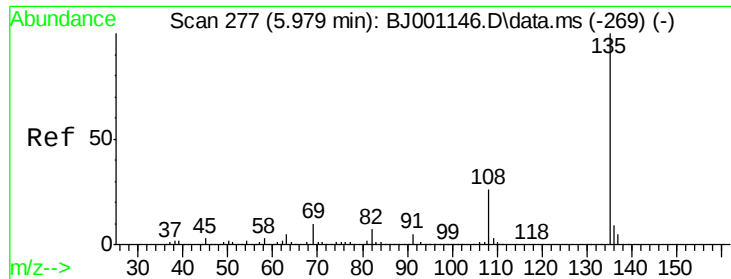
Ion Ratio Lower Upper

61 100

45 74.6 54.0 94.0

47 29.9 9.6 49.6





#9

Benzothiazole

Concen: 17.15 ug/mL

RT: 5.982 min Scan# 25

Delta R.T. -0.210 min

Lab File: BJ001143.D

Acq: 24 Sep 2012 15:34

Instrument :

BNA_J

ClientSampleId :

CWA-6

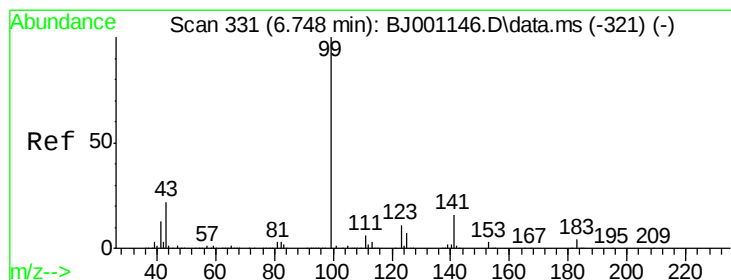
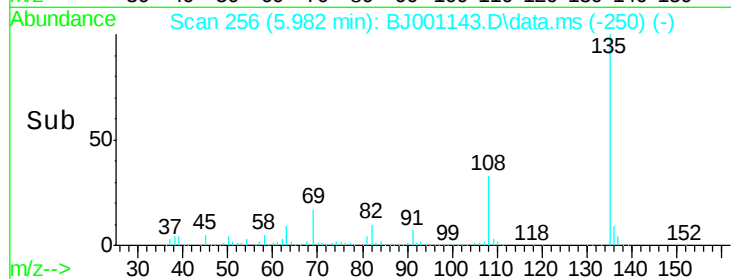
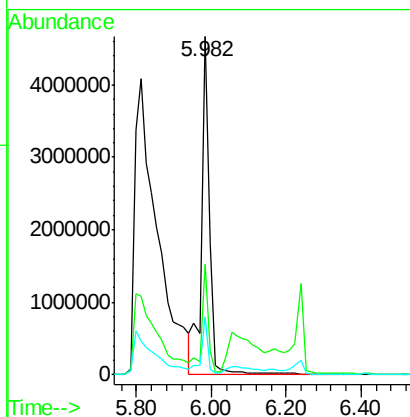
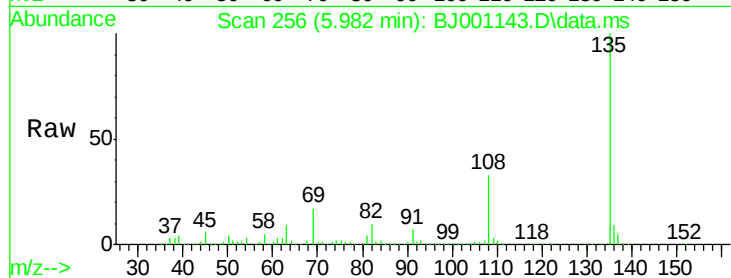
Tgt Ion:135 Resp: 6958549

Ion Ratio Lower Upper

135 100

108 32.5 5.8 45.8

69 17.0 0.0 30.2



#10

Tripropylphosphate

Concen: 4.72 ug/mL

RT: 6.765 min Scan# 311

Delta R.T. -0.181 min

Lab File: BJ001143.D

Acq: 24 Sep 2012 15:34

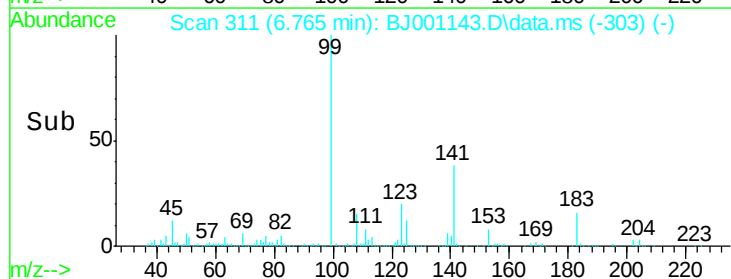
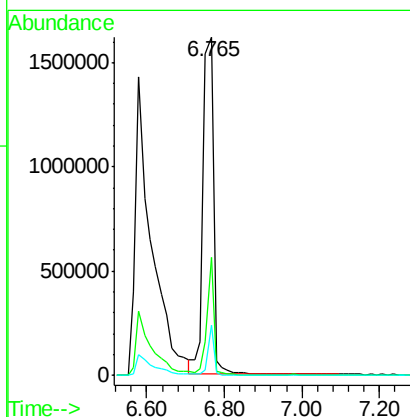
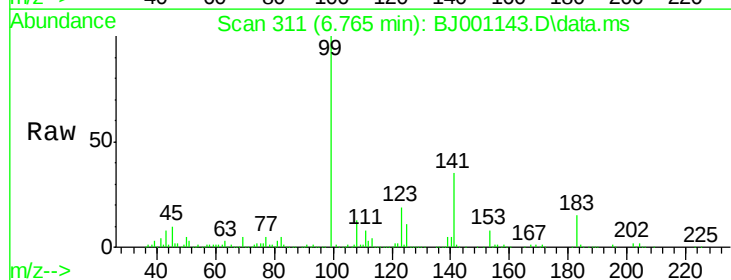
Tgt Ion: 99 Resp: 3046855

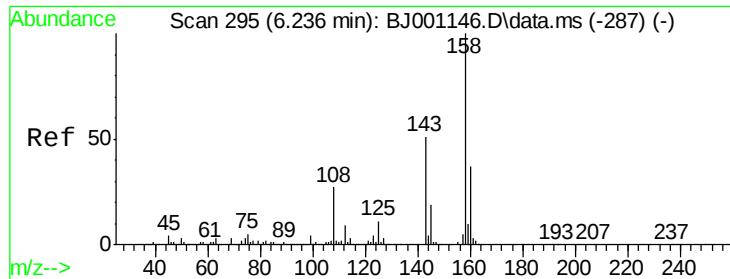
Ion Ratio Lower Upper

99 100

141 22.5 16.0 24.0

183 8.0 5.6 8.4

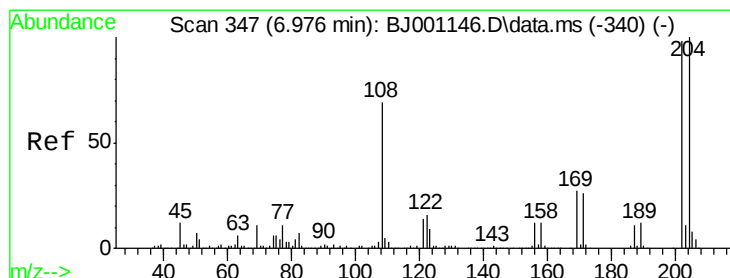
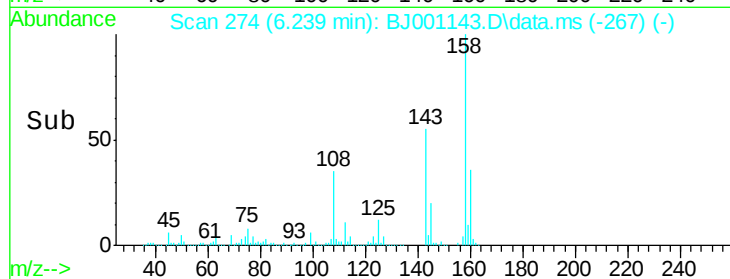
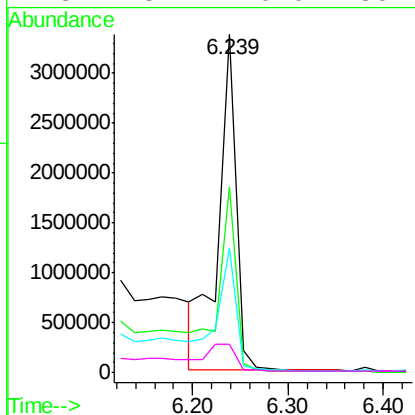
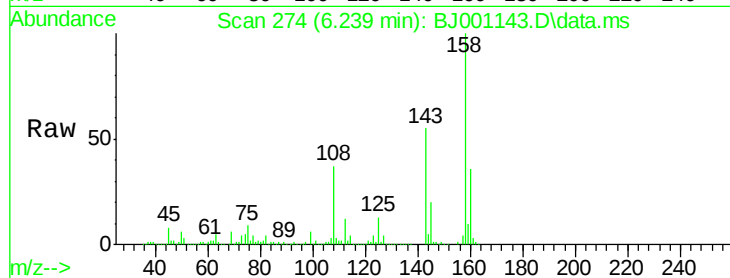




#11
p-Chlorophenylmethylsulfide
Concen: 18.08 ug/mL
RT: 6.239 min Scan# 27
Delta R.T. -0.195 min
Lab File: BJ001143.D
Acq: 24 Sep 2012 15:34

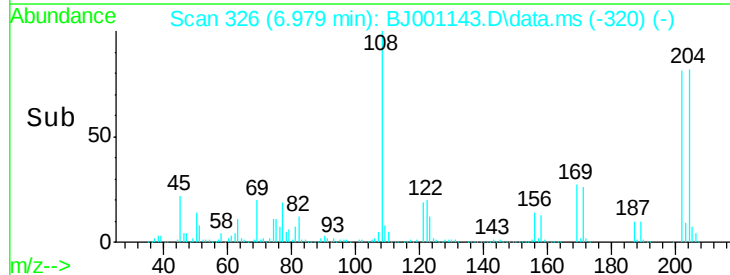
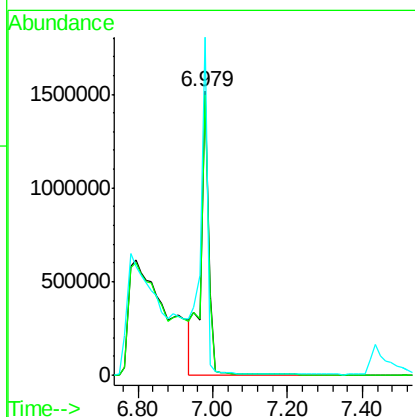
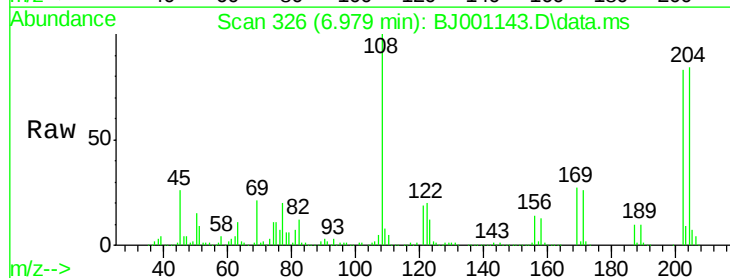
Instrument :
BNA_J
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CWA-6

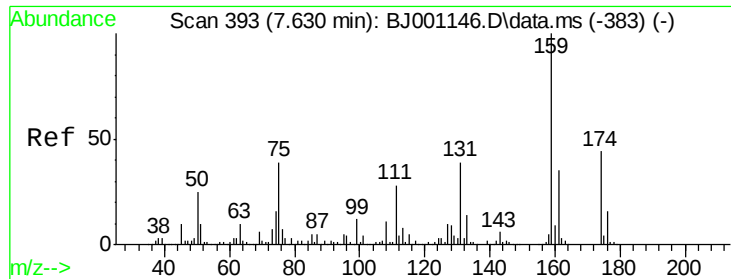
Tgt Ion:	158	Resp:	4337544
Ion	Ratio	Lower	Upper
158	100		
143	55.0	39.2	79.2
108	37.0	24.9	64.9
45	8.4	0.0	36.2



#12
2-Bromothioanisole
Concen: 19.72 ug/mL
RT: 6.979 min Scan# 326
Delta R.T. -0.210 min
Lab File: BJ001143.D
Acq: 24 Sep 2012 15:34

Tgt Ion:	204	Resp:	2274245
Ion	Ratio	Lower	Upper
204	100		
202	99.0	79.8	119.8
108	119.1	47.7	87.7#

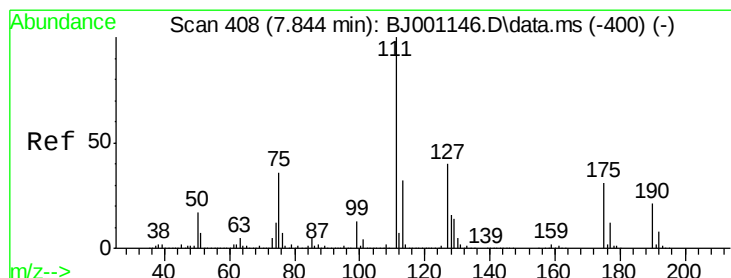
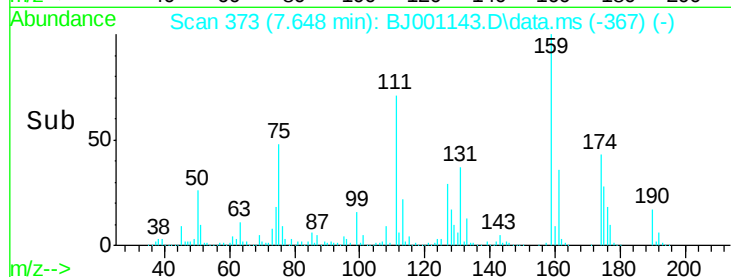
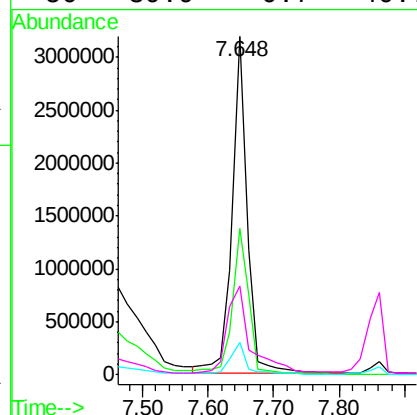
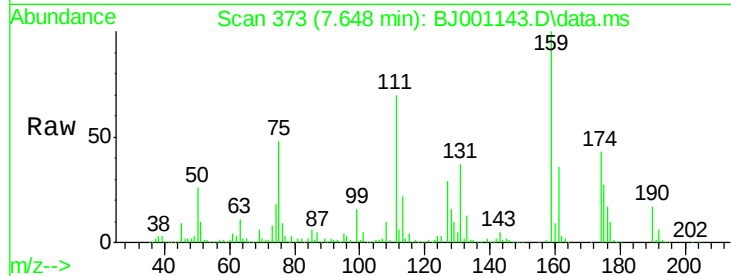




#13
p-Chlorophenylmethylsulfoxide
Concen: 32.90 ug/mL
RT: 7.648 min Scan# 371
Delta R.T. -0.209 min
Lab File: BJ001143.D
Acq: 24 Sep 2012 15:34

Instrument :
BNA_J
ClientSampleId :
CWA-6

Tgt Ion:159 Resp: 5051945
Ion Ratio Lower Upper
159 100
174 48.8 27.2 67.2
108 10.1 0.0 29.4
50 39.9 0.7 40.7



#14
p-Chlorophenylmethylsulfone
Concen: 29.13 ug/mL
RT: 7.861 min Scan# 388
Delta R.T. -0.195 min
Lab File: BJ001143.D
Acq: 24 Sep 2012 15:34

Tgt Ion:111 Resp: 6922326
Ion Ratio Lower Upper
111 100
75 35.9 21.3 61.3
127 40.4 16.0 56.0
190 23.7 0.0 36.9

