

Data Path : Z:\HPCHEM1\BNA_J\data\BJ121012\
 Data File : BJ001325.D
 Acq On : 10 Dec 2012 17:53
 Operator : HLM
 Sample : CWA-2
 Misc : BNA_J HLM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-2

Quant Time: Dec 14 21:38:23 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)

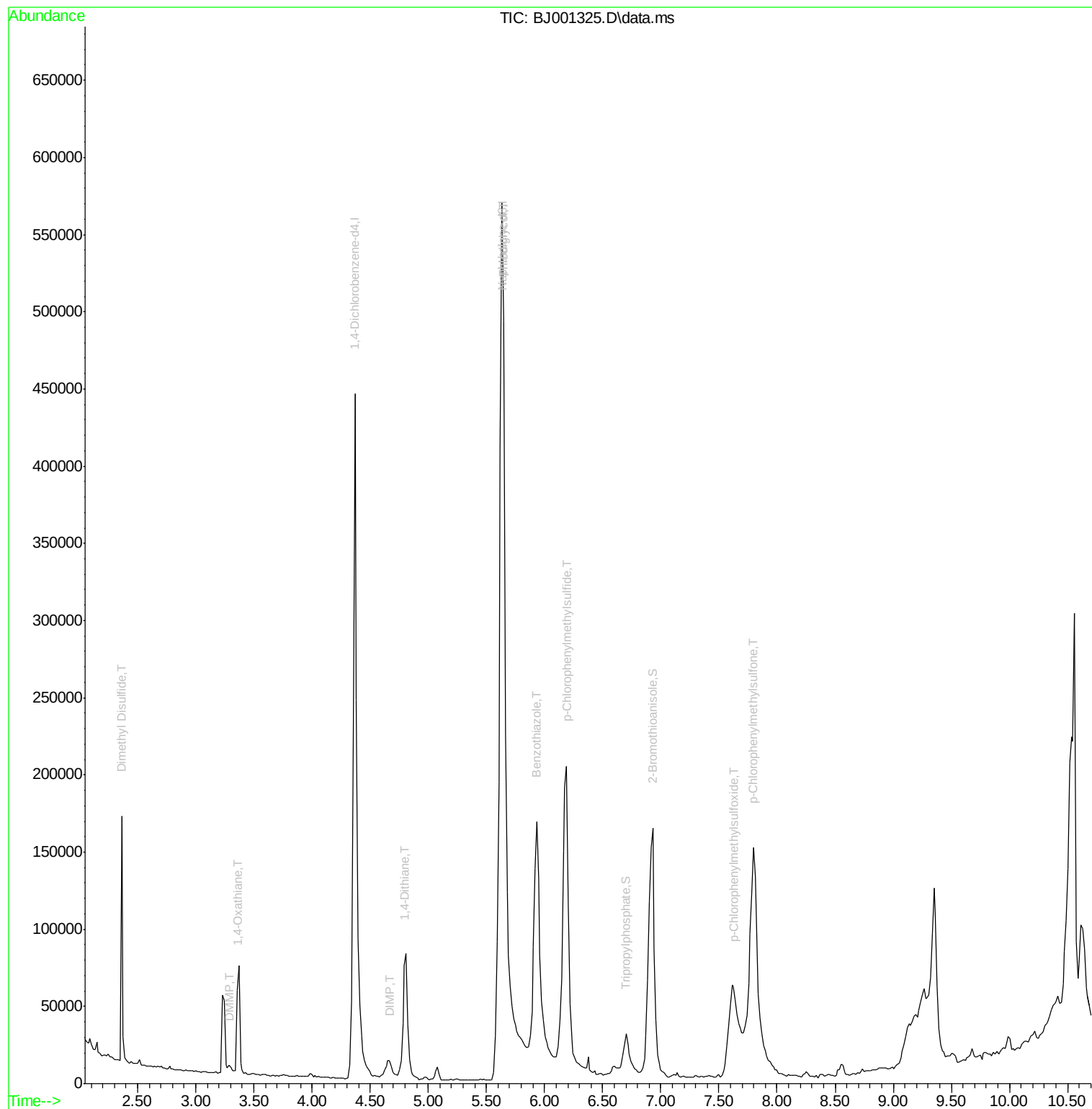
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.368	152	169537	2.00	ug/mL	0.00
6) Naphthalene-d8	5.634	136	839121	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.702	99	60727	0.15	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	30.00%#	
12) 2-Bromothioanisole	6.929	204	74241	1.06	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	21.20%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.361	94	29972	0.47	ug/mL#	7
3) DMMP	3.286	79	5542	0.07	ug/mL	89
4) DIMP	4.667	97	21455	0.12	ug/mL	84
5) 1,4-Oxathiane	3.357	46	39392	0.38	ug/mL#	73
7) 1,4-Dithiane	4.795	46	38690	0.38	ug/mL	86
8) Thiodiglycol	5.649	61	294852m	3.42	ug/mL	
9) Benzothiazole	5.933	135	226257	0.97	ug/mL	98
11) p-Chlorophenylmethyisu...	6.189	158	135032	0.92	ug/mL	96
13) p-Chlorophenylmethyisu...	7.627	159	102641m	1.03	ug/mL	
14) p-Chlorophenylmethyisu...	7.798	111	137318	0.95	ug/mL	97

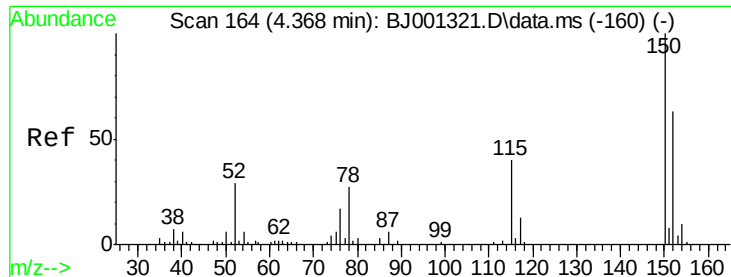
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.368 min Scan# 16

Delta R.T. -0.004 min

Lab File: BJ001325.D

Acq: 10 Dec 2012 17:53

Instrument :

BNA_J

LabSampleId :

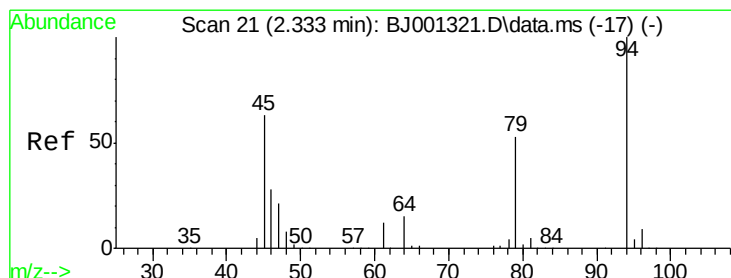
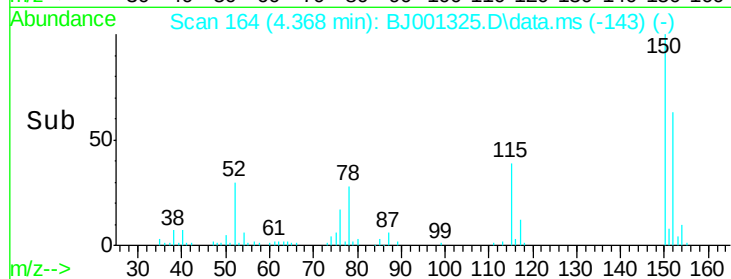
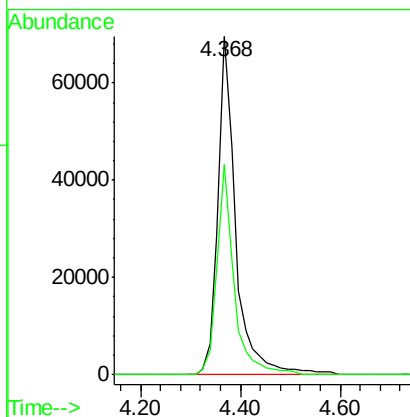
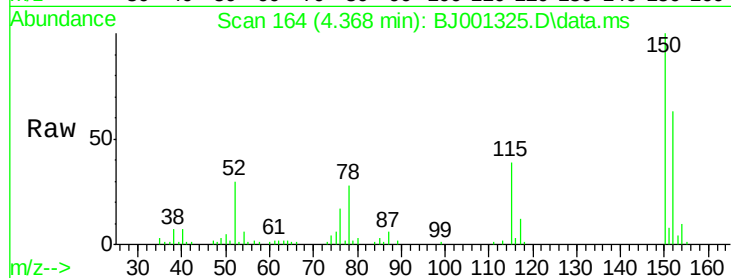
CWA-2

Tgt Ion:152 Resp: 169537

Ion Ratio Lower Upper

152 100

115 62.2 26.3 66.3



#2

Dimethyl Disulfide

Concen: 0.47 ug/mL

RT: 2.361 min Scan# 23

Delta R.T. 0.054 min

Lab File: BJ001325.D

Acq: 10 Dec 2012 17:53

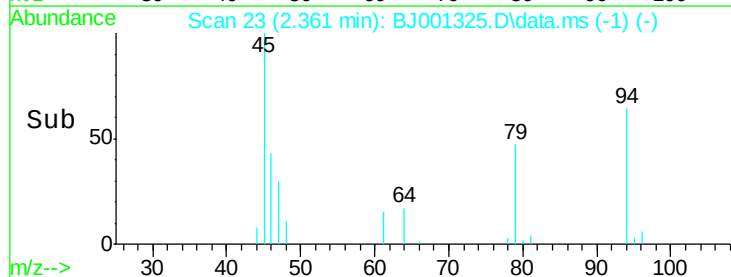
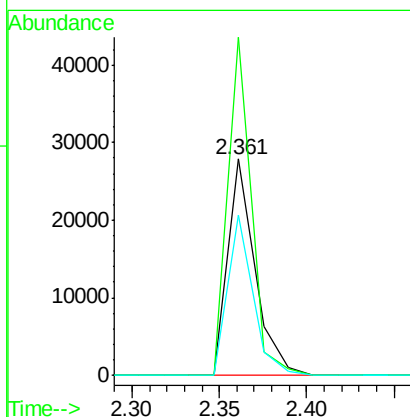
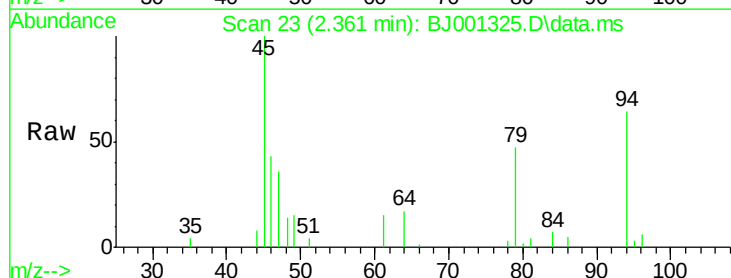
Tgt Ion: 94 Resp: 29972

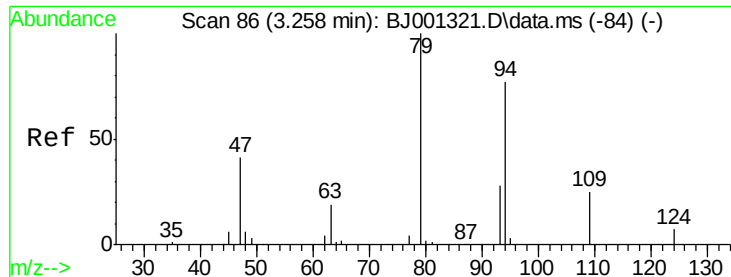
Ion Ratio Lower Upper

94 100

45 156.5 26.5 66.5#

79 74.1 33.4 73.4#

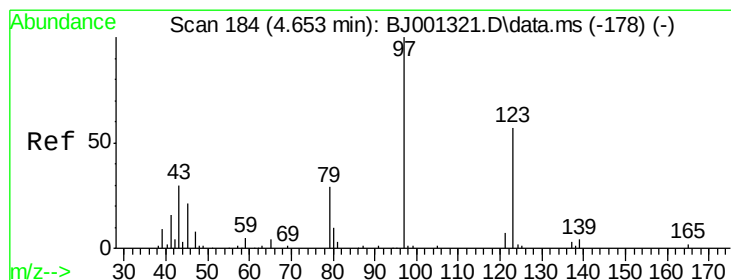
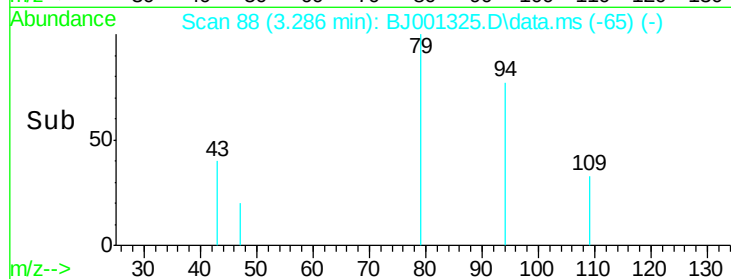
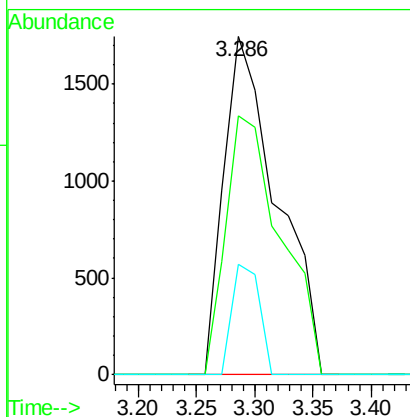
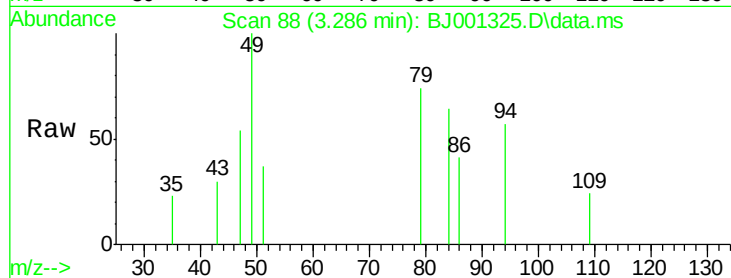




#3
DMMP
Concen: 0.07 ug/mL
RT: 3.286 min Scan# 88
Delta R.T. 0.025 min
Lab File: BJ001325.D
Acq: 10 Dec 2012 17:53

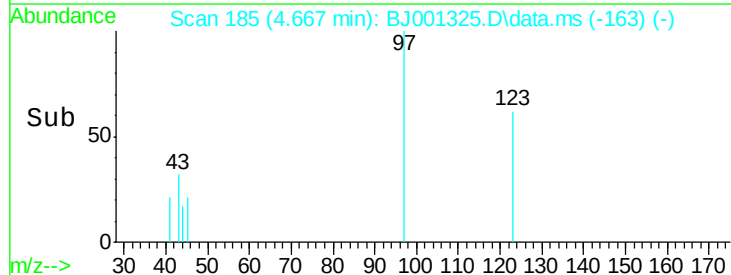
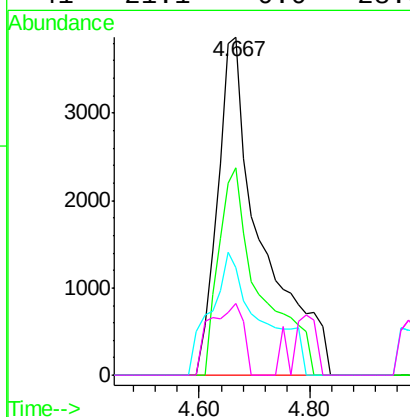
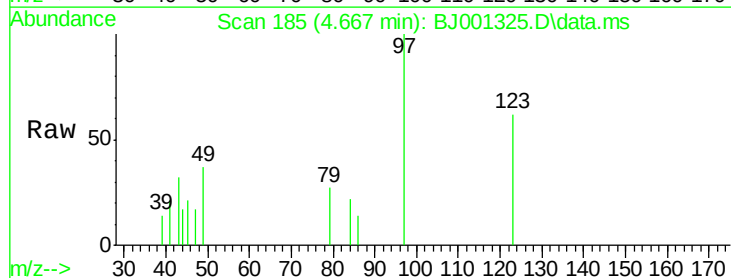
Instrument :
BNA_J
LabSampleId :
CWA-2

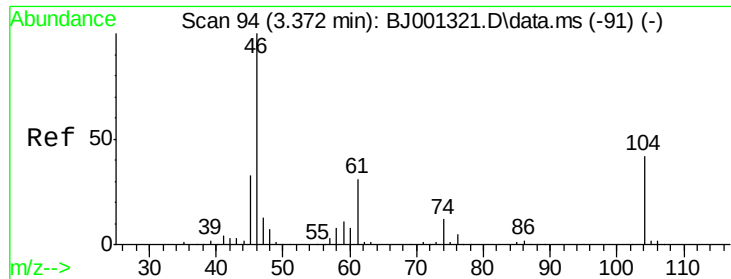
Tgt Ion: 79 Resp: 5542
Ion Ratio Lower Upper
79 100
94 76.6 69.1 109.1
109 32.8 10.5 50.5



#4
DIMP
Concen: 0.12 ug/mL
RT: 4.667 min Scan# 185
Delta R.T. 0.010 min
Lab File: BJ001325.D
Acq: 10 Dec 2012 17:53

Tgt Ion: 97 Resp: 21455
Ion Ratio Lower Upper
97 100
123 61.6 36.4 76.4
43 31.8 0.0 37.2
41 21.1 0.0 28.0

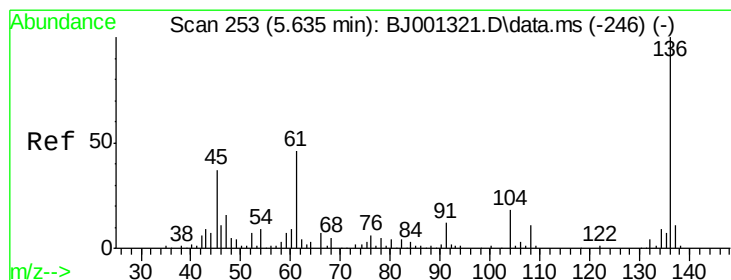
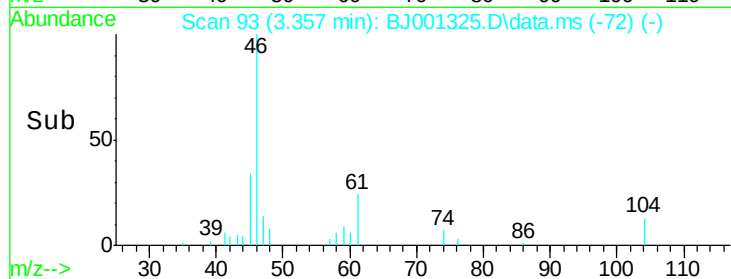
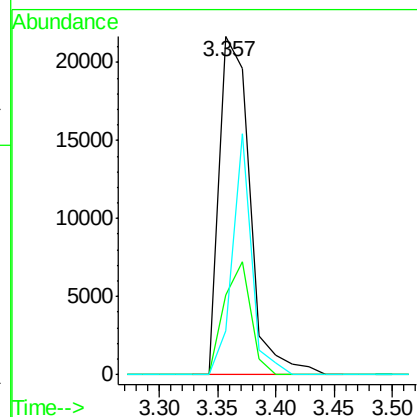
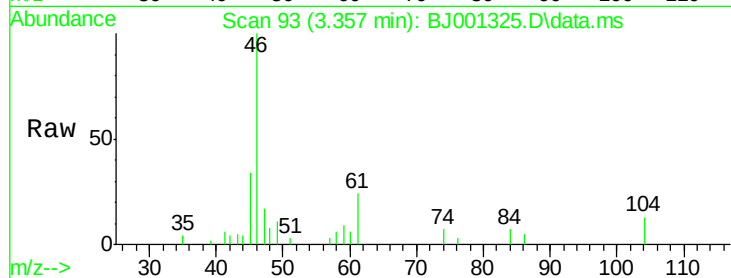




#5
1,4-Oxathiane
Concen: 0.38 ug/mL
RT: 3.357 min Scan# 93
Delta R.T. -0.004 min
Lab File: BJ001325.D
Acq: 10 Dec 2012 17:53

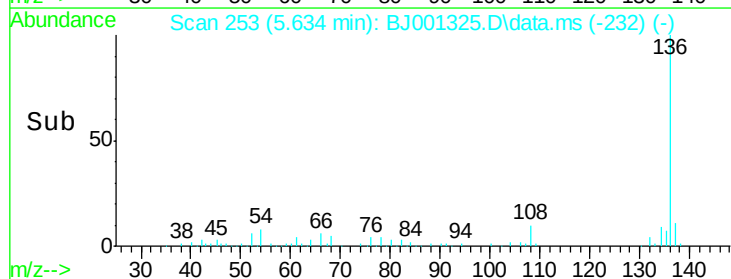
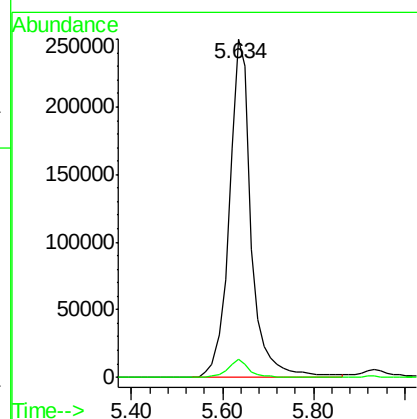
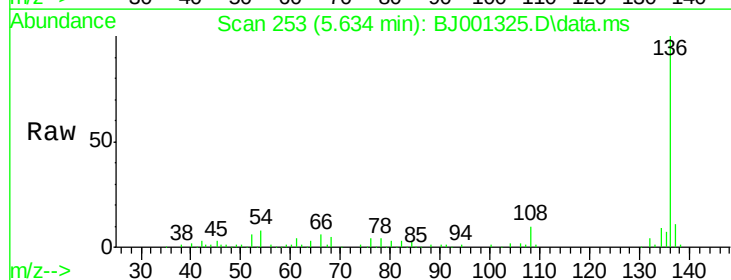
Instrument :
BNA_J
LabSampleId :
CWA-2

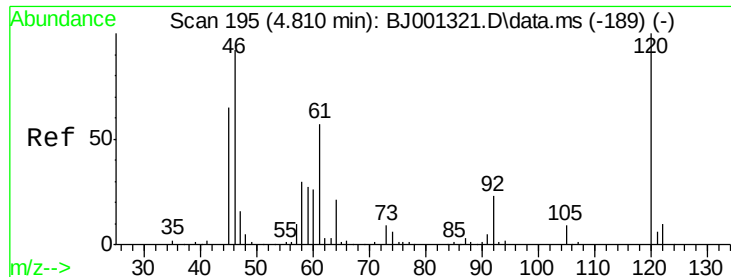
Tgt Ion: 46 Resp: 39392
Ion Ratio Lower Upper
46 100
61 23.5 13.2 53.2
104 12.9 14.2 54.2#



#6
Naphthalene-d8
Concen: 2.00 ug/mL
RT: 5.634 min Scan# 253
Delta R.T. -0.005 min
Lab File: BJ001325.D
Acq: 10 Dec 2012 17:53

Tgt Ion: 136 Resp: 839121
Ion Ratio Lower Upper
136 100
68 5.3 0.0 25.9





#7

1,4-Dithiane

Concen: 0.38 ug/mL

RT: 4.795 min Scan# 19

Delta R.T. -0.004 min

Lab File: BJ001325.D

Acq: 10 Dec 2012 17:53

Instrument :

BNA_J

LabSampleId :

CWA-2

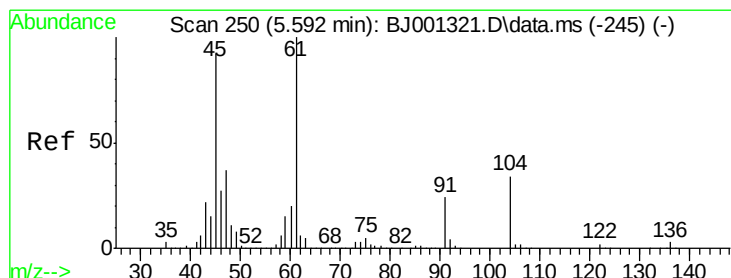
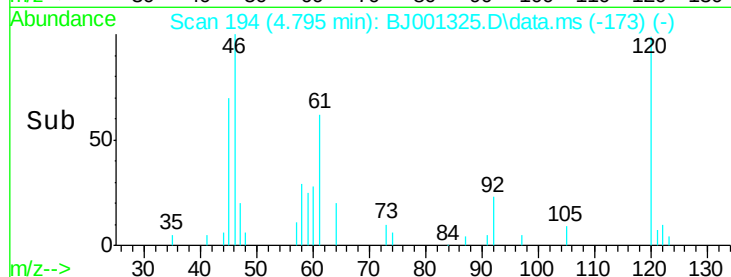
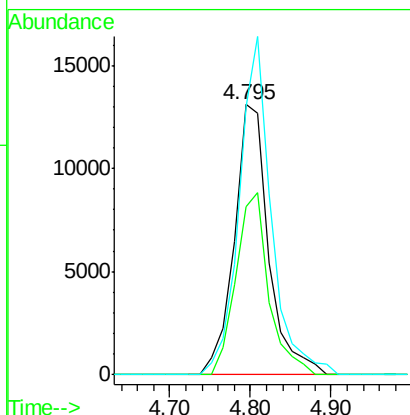
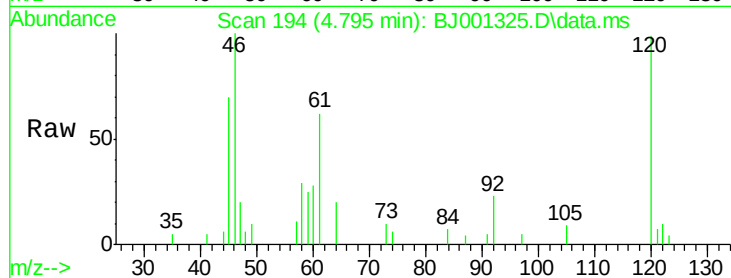
Tgt Ion: 46 Resp: 38690

Ion Ratio Lower Upper

46 100

61 62.3 57.0 97.0

120 99.2 91.5 131.5



#8

Thiodiglycol

Concen: 3.42 ug/mL m

RT: 5.649 min Scan# 254

Delta R.T. 0.052 min

Lab File: BJ001325.D

Acq: 10 Dec 2012 17:53

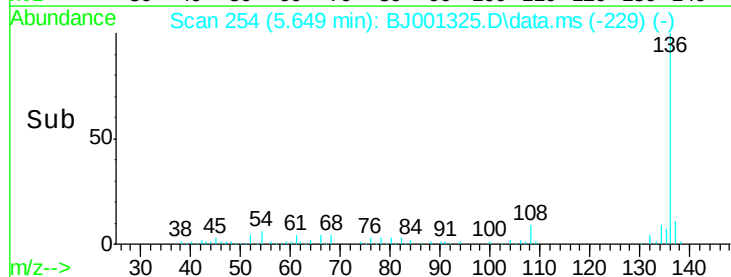
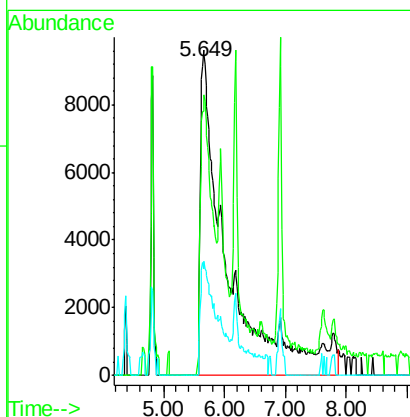
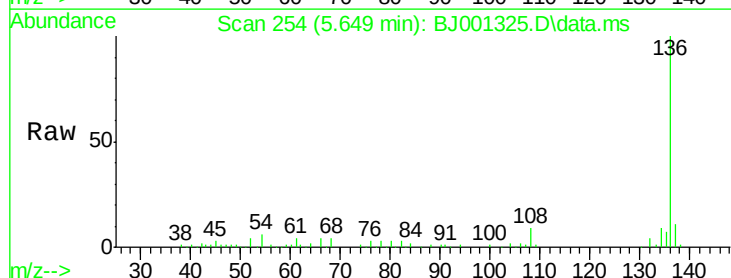
Tgt Ion: 61 Resp: 294852

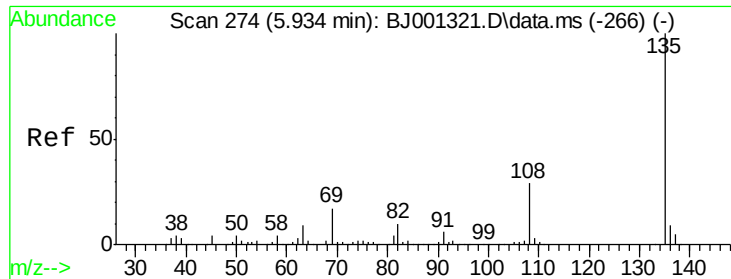
Ion Ratio Lower Upper

61 100

45 80.8 56.0 96.0

47 32.7 10.0 50.0





#9

Benzothiazole

Concen: 0.97 ug/mL

RT: 5.933 min Scan# 27

Delta R.T. 0.009 min

Lab File: BJ001325.D

Acq: 10 Dec 2012 17:53

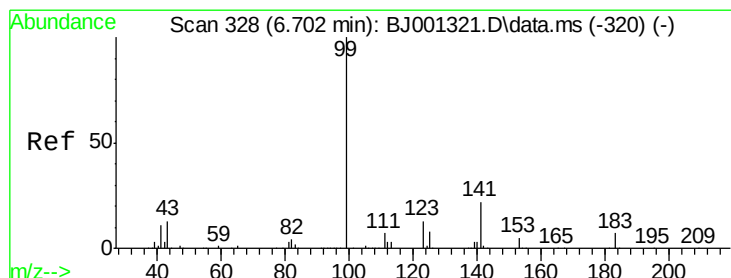
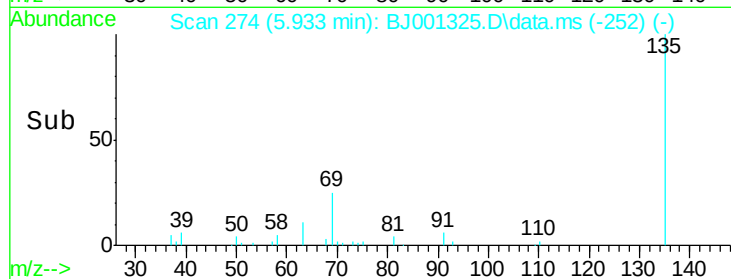
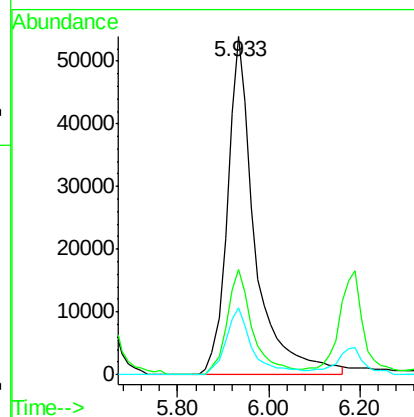
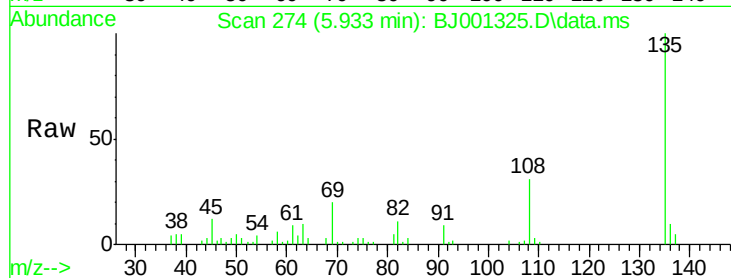
Instrument :

BNA_J

LabSampleId :

CWA-2

Tgt Ion:	135	Resp:	226257
Ion Ratio	Lower	Upper	
135	100		
108	30.9	12.0	52.0
69	19.6	1.1	41.1



#10

Tripropylphosphate

Concen: 0.15 ug/mL

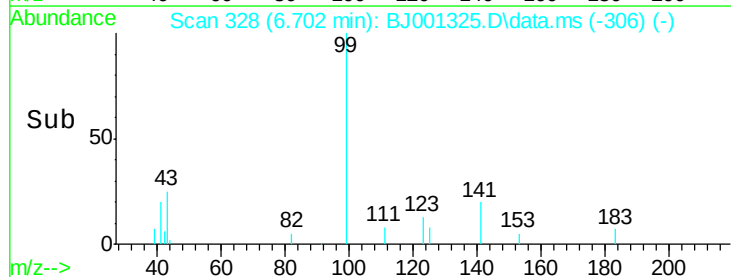
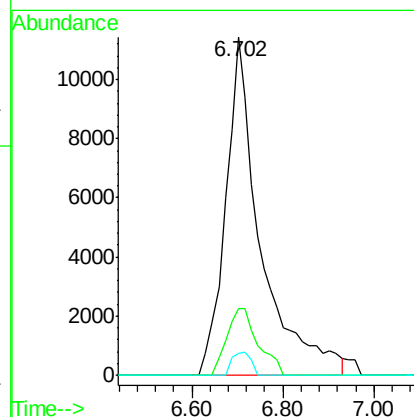
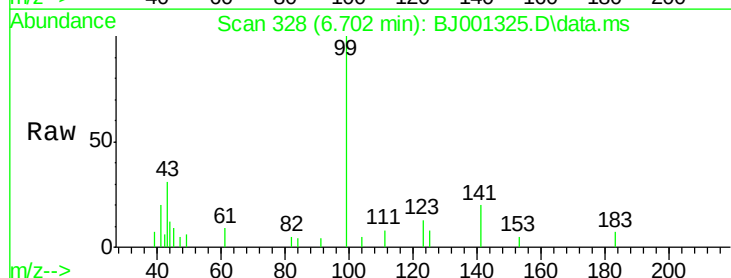
RT: 6.702 min Scan# 328

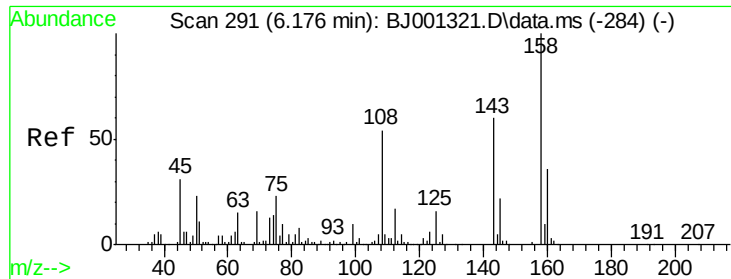
Delta R.T. 0.009 min

Lab File: BJ001325.D

Acq: 10 Dec 2012 17:53

Tgt Ion:	99	Resp:	60727
Ion Ratio	Lower	Upper	
99	100		
141	17.7	14.7	22.1
183	3.8	4.6	6.8#

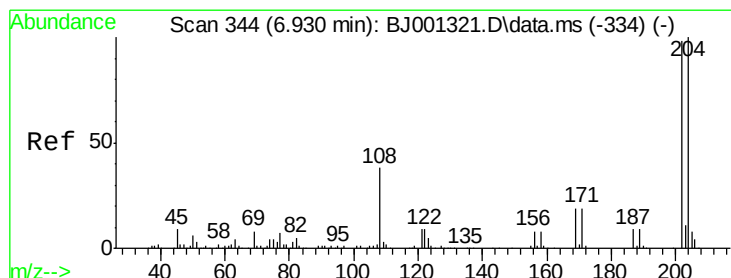
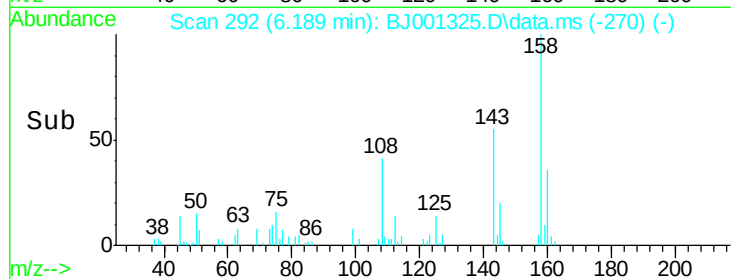
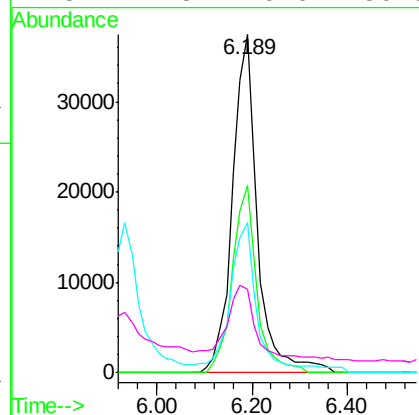
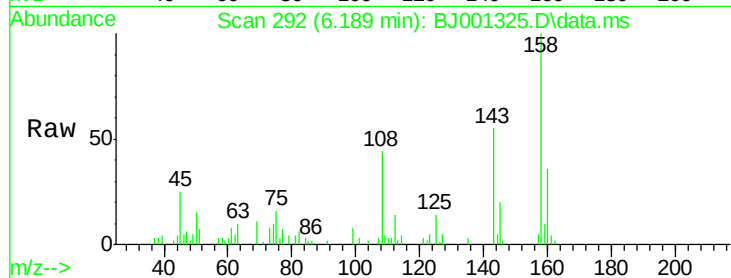




#11
p-Chlorophenylmethylsulfide
Concen: 0.92 ug/mL
RT: 6.189 min Scan# 291
Delta R.T. 0.009 min
Lab File: BJ001325.D
Acq: 10 Dec 2012 17:53

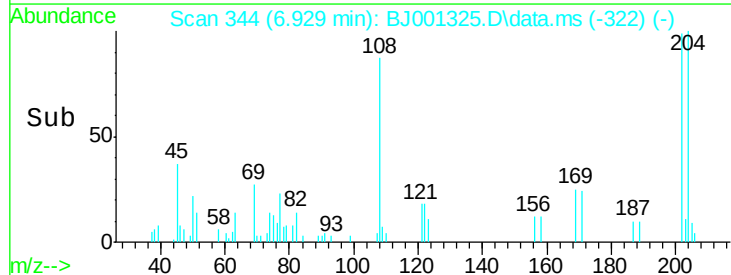
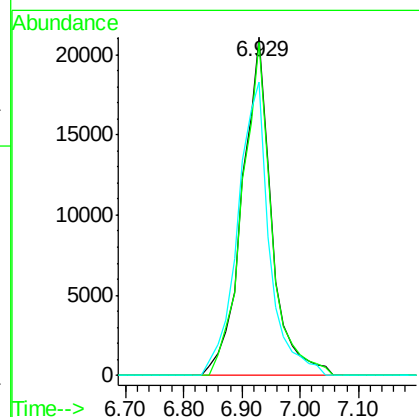
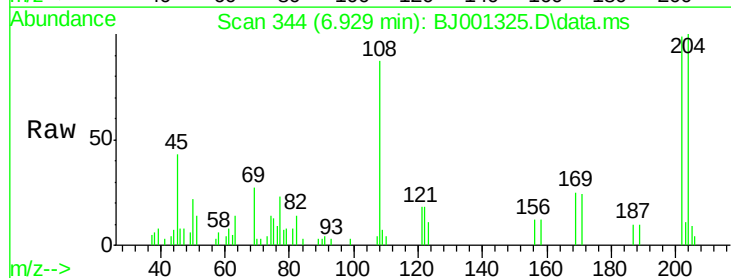
Instrument :
BNA_J
LabSampleId :
CWA-2

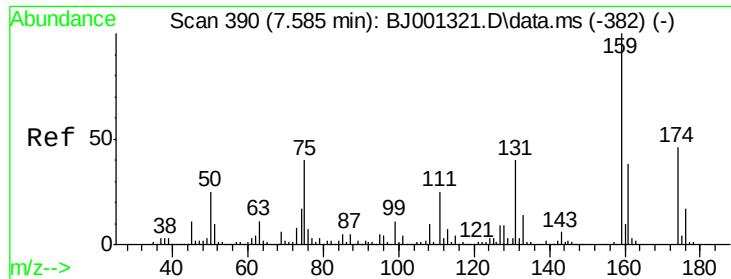
Tgt Ion:	158	Resp:	135032
Ion Ratio	Lower	Upper	
158	100		
143	55.3	34.4	74.4
108	44.4	22.9	62.9
45	24.8	0.0	36.9



#12
2-Bromothioanisole
Concen: 1.06 ug/mL
RT: 6.929 min Scan# 344
Delta R.T. 0.009 min
Lab File: BJ001325.D
Acq: 10 Dec 2012 17:53

Tgt Ion:	204	Resp:	74241
Ion Ratio	Lower	Upper	
204	100		
202	98.6	80.7	120.7
108	86.8	87.3	127.3#

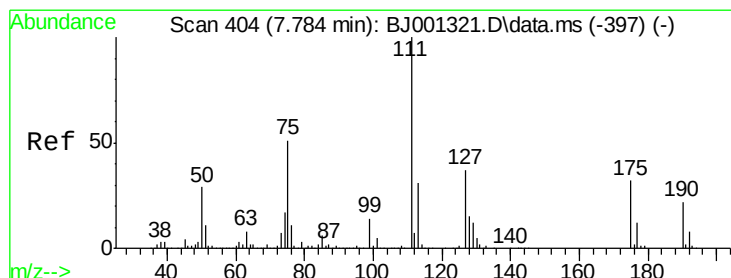
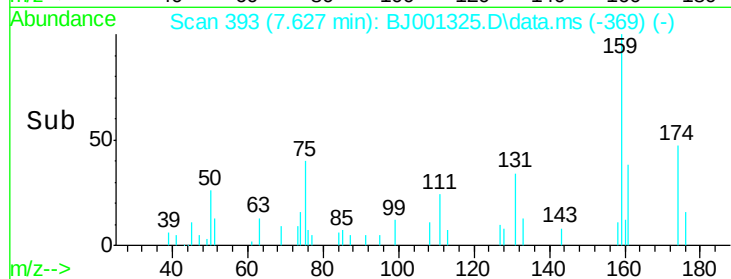
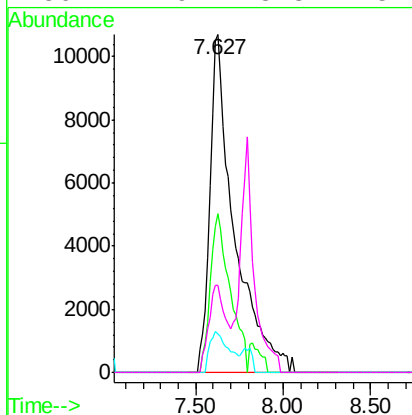
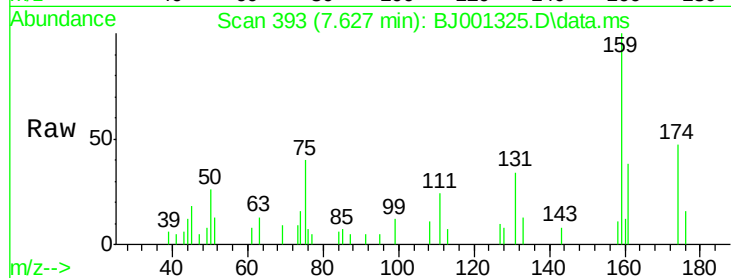




#13
p-Chlorophenylmethylsulfoxide
Concen: 1.03 ug/mL m
RT: 7.627 min Scan# 391
Delta R.T. 0.037 min
Lab File: BJ001325.D
Acq: 10 Dec 2012 17:53

Instrument :
BNA_J
LabSampleId :
CWA-2

Tgt Ion:159 Resp: 102641
Ion Ratio Lower Upper
159 100
174 38.1 26.4 66.4
108 9.9 0.0 29.6
50 17.9 3.3 43.3



#14
p-Chlorophenylmethylsulfone
Concen: 0.95 ug/mL
RT: 7.798 min Scan# 405
Delta R.T. 0.009 min
Lab File: BJ001325.D
Acq: 10 Dec 2012 17:53

Tgt Ion:111 Resp: 137318
Ion Ratio Lower Upper
111 100
75 46.6 27.3 67.3
127 39.2 17.0 57.0
190 23.5 0.8 40.8

