

Data Path : Z:\HPCHEM1\BNA_J\data\BJ121012\
 Data File : BJ001326.D
 Acq On : 10 Dec 2012 18:11
 Operator : HLM
 Sample : CWA-1
 Misc : BNA_J HLM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-1

Quant Time: Dec 14 21:38:31 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)

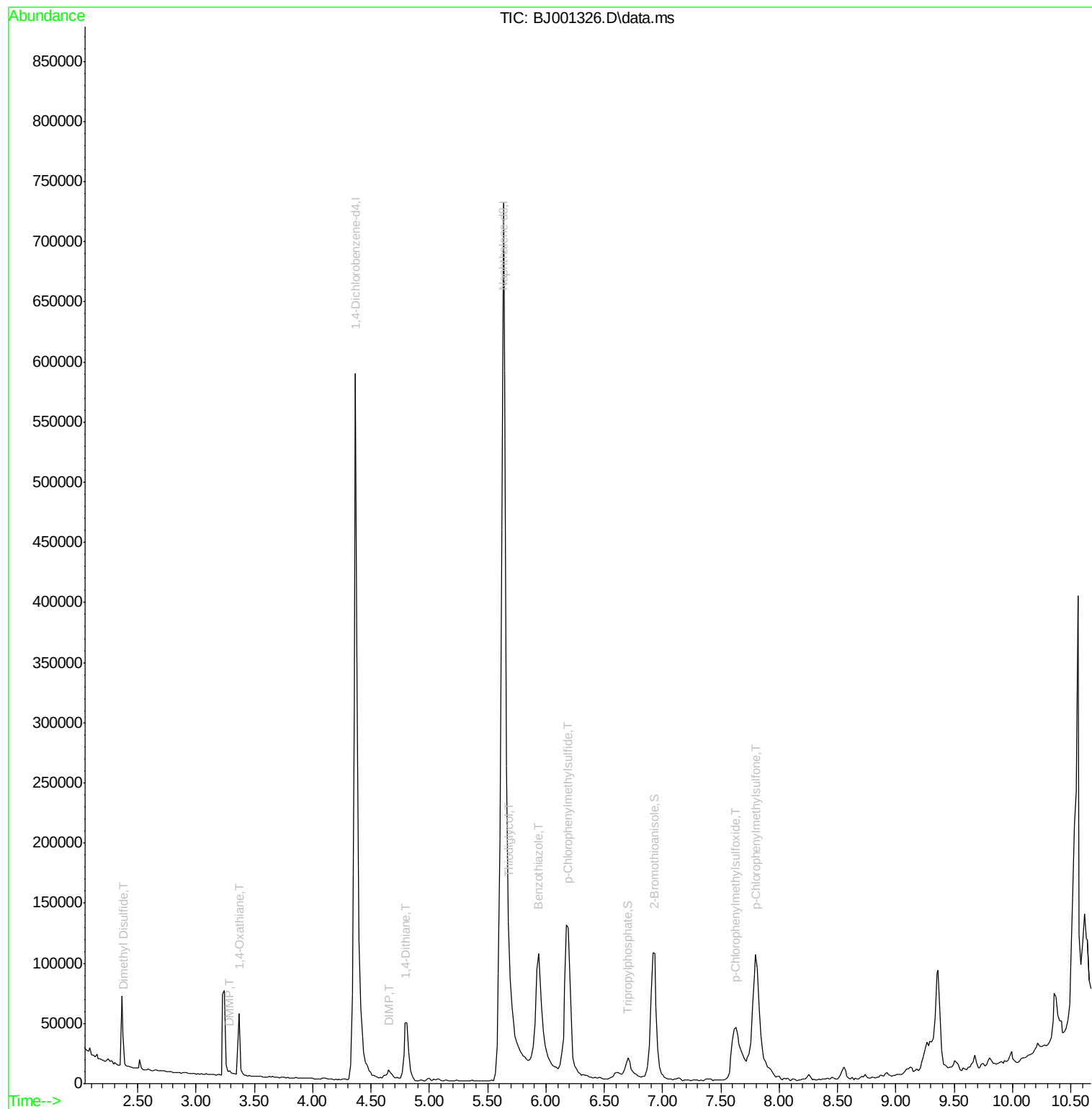
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.367	152	223843	2.00	ug/mL	0.00
6) Naphthalene-d8	5.634	136	1083245	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.701	99	39996	0.07	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	14.00%#	
12) 2-Bromothioanisole	6.929	204	49953	0.55	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	11.00%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.375	94	15415	0.29	ug/mL	88
3) DMMP	3.286	79	3278	0.03	ug/mL#	83
4) DIMP	4.652	97	13642	0.06	ug/mL#	80
5) 1,4-Oxathiane	3.371	46	26234	0.19	ug/mL#	58
7) 1,4-Dithiane	4.794	46	23412	0.18	ug/mL	88
8) Thiodiglycol	5.677	61	171776m	1.55	ug/mL	
9) Benzothiazole	5.933	135	155961	0.52	ug/mL	97
11) p-Chlorophenylmethyisu...	6.189	158	89387	0.47	ug/mL	96
13) p-Chlorophenylmethyisu...	7.627	159	68594m	0.54	ug/mL	
14) p-Chlorophenylmethyisu...	7.797	111	102507	0.55	ug/mL	95

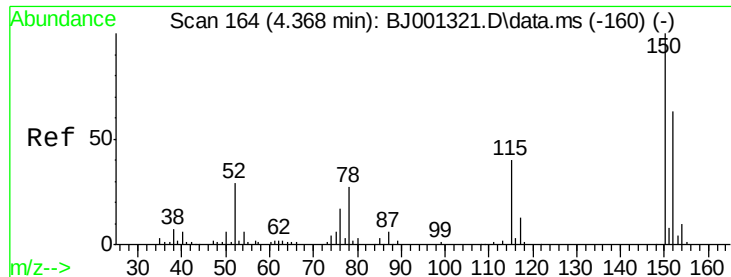
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.367 min Scan# 16

Delta R.T. -0.004 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Instrument :

BNA_J

LabSampleId :

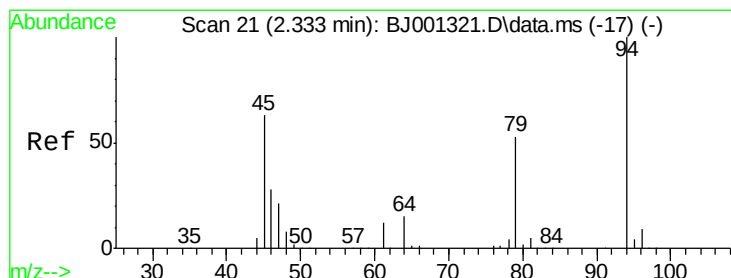
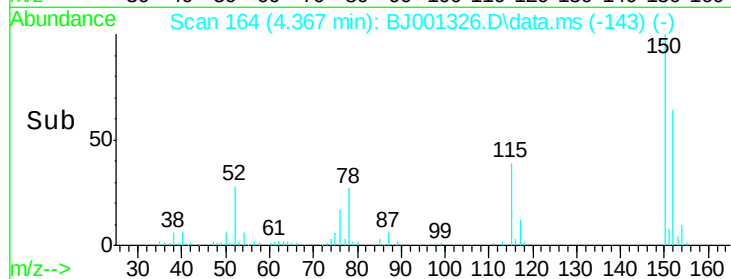
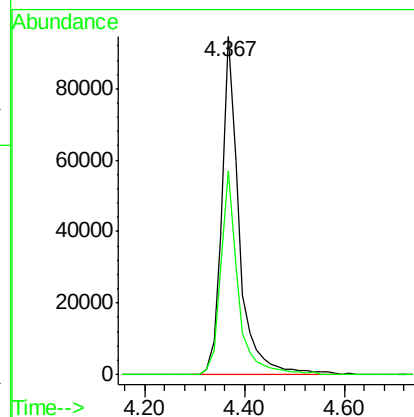
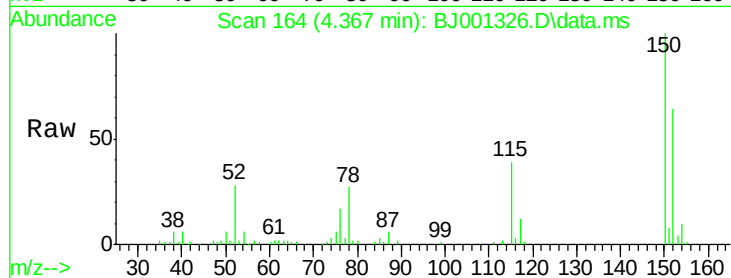
CWA-1

Tgt Ion:152 Resp: 223843

Ion Ratio Lower Upper

152 100

115 60.1 26.3 66.3



#2

Dimethyl Disulfide

Concen: 0.29 ug/mL

RT: 2.375 min Scan# 24

Delta R.T. 0.068 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

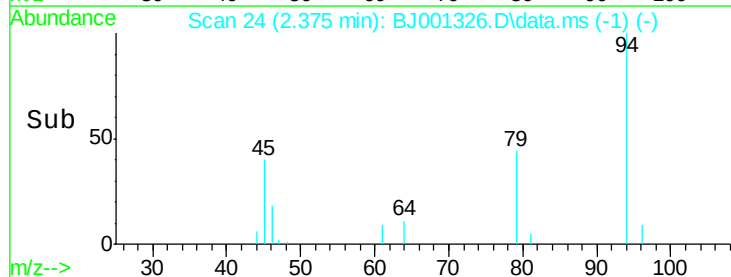
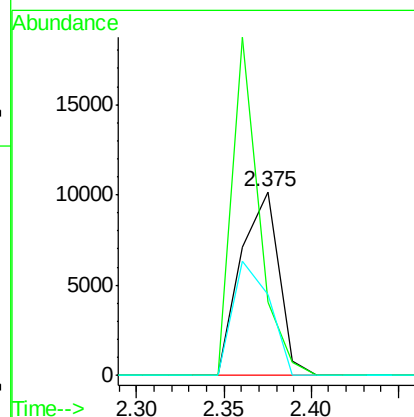
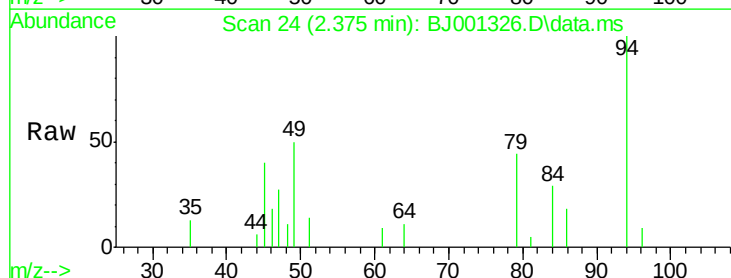
Tgt Ion: 94 Resp: 15415

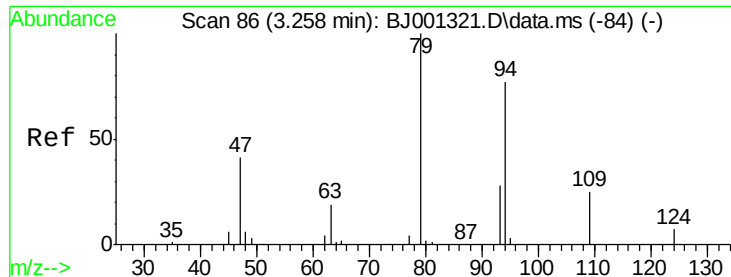
Ion Ratio Lower Upper

94 100

45 39.7 26.5 66.5

79 44.2 33.4 73.4

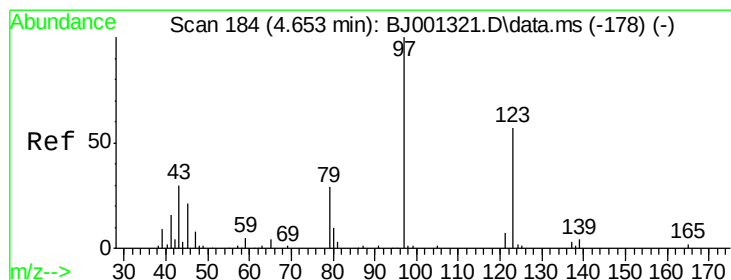
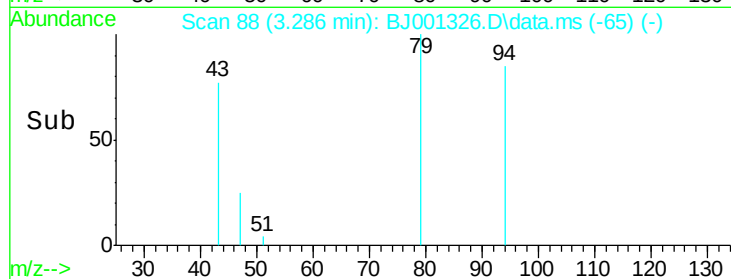
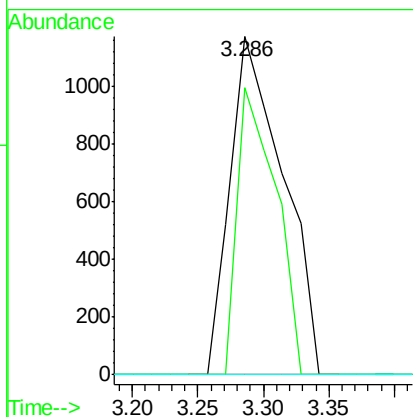
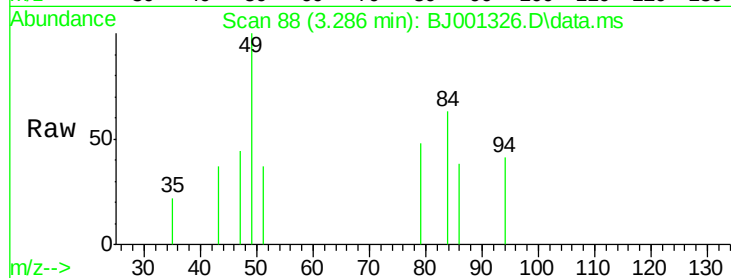




#3
DMMP
Concen: 0.03 ug/mL
RT: 3.286 min Scan# 88
Delta R.T. 0.025 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

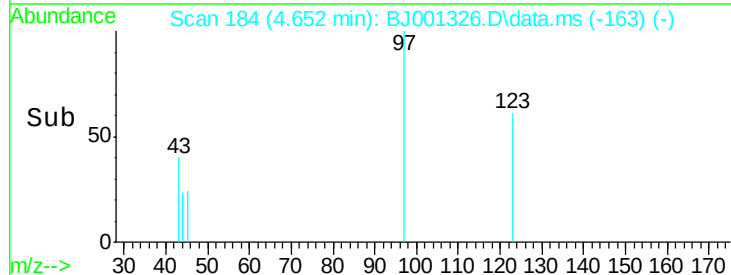
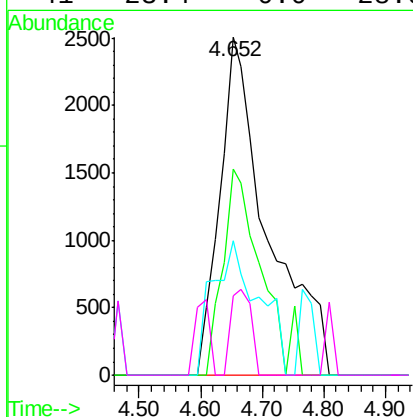
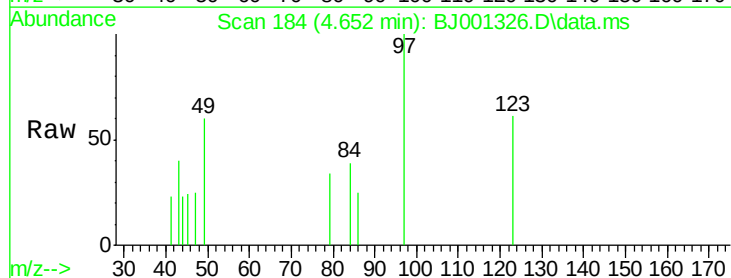
Instrument :
BNA_J
LabSampleId :
CWA-1

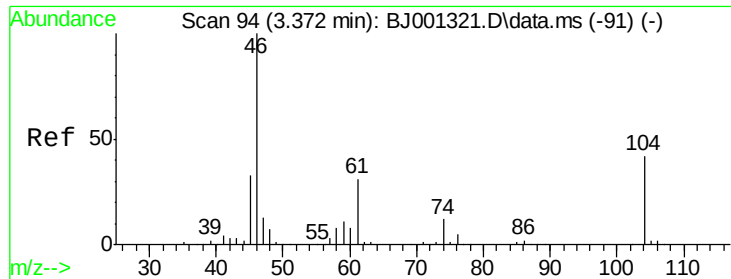
Tgt Ion: 79 Resp: 3278
Ion Ratio Lower Upper
79 100
94 85.1 69.1 109.1
109 0.0 10.5 50.5#



#4
DIMP
Concen: 0.06 ug/mL
RT: 4.652 min Scan# 184
Delta R.T. -0.005 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

Tgt Ion: 97 Resp: 13642
Ion Ratio Lower Upper
97 100
123 61.0 36.4 76.4
43 39.8 0.0 37.2#
41 23.4 0.0 28.0

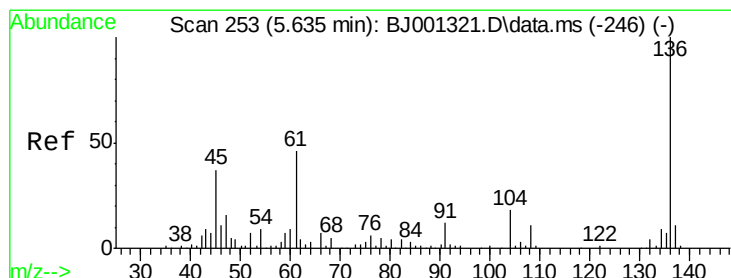
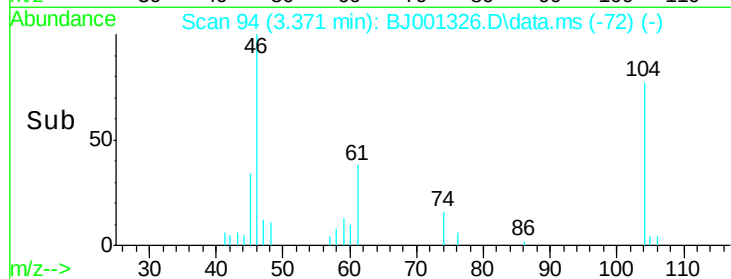
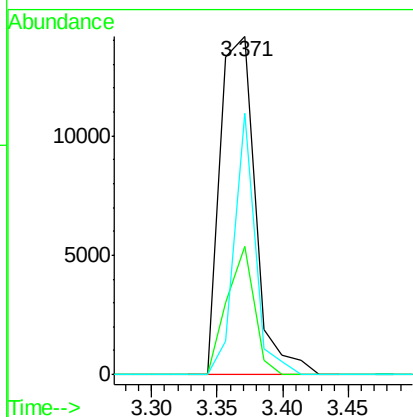
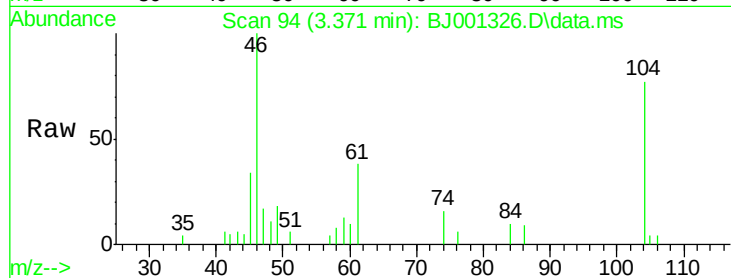




#5
1,4-Oxathiane
Concen: 0.19 ug/mL
RT: 3.371 min Scan# 94
Delta R.T. 0.010 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

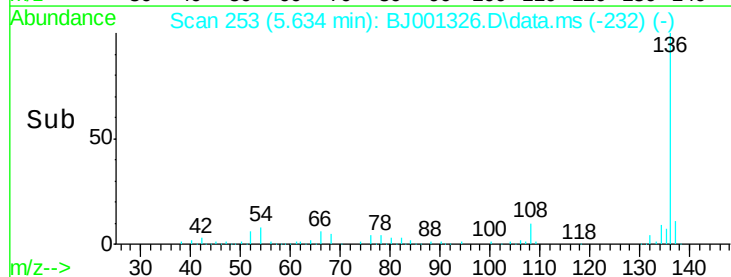
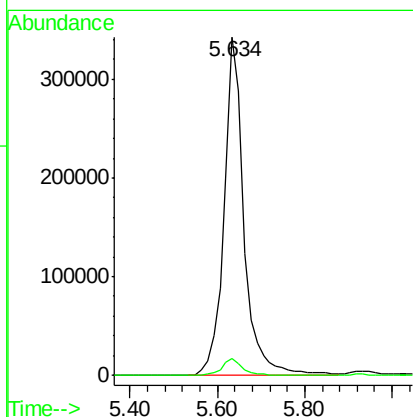
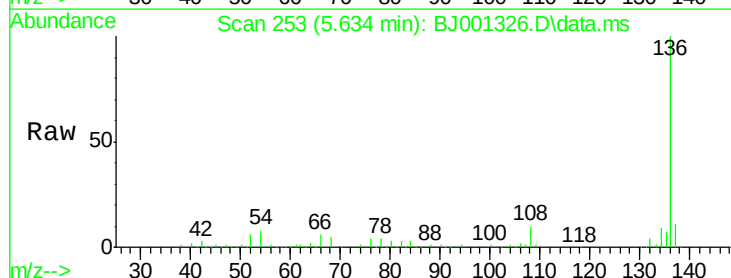
Instrument :
BNA_J
LabSampleId :
CWA-1

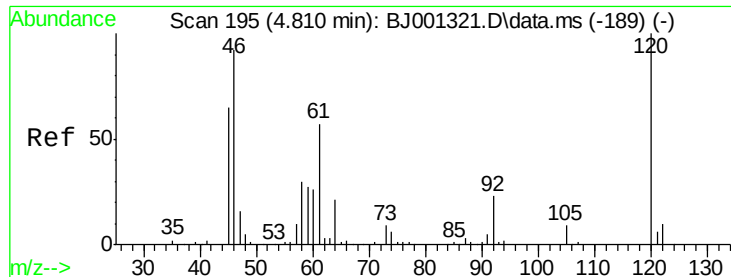
Tgt Ion: 46 Resp: 26234
Ion Ratio Lower Upper
46 100
61 38.0 13.2 53.2
104 77.3 14.2 54.2#



#6
Naphthalene-d8
Concen: 2.00 ug/mL
RT: 5.634 min Scan# 253
Delta R.T. -0.005 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

Tgt Ion: 136 Resp: 1083245
Ion Ratio Lower Upper
136 100
68 5.1 0.0 25.9





#7

1,4-Dithiane

Concen: 0.18 ug/mL

RT: 4.794 min Scan# 19

Delta R.T. -0.005 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Instrument :

BNA_J

LabSampleId :

CWA-1

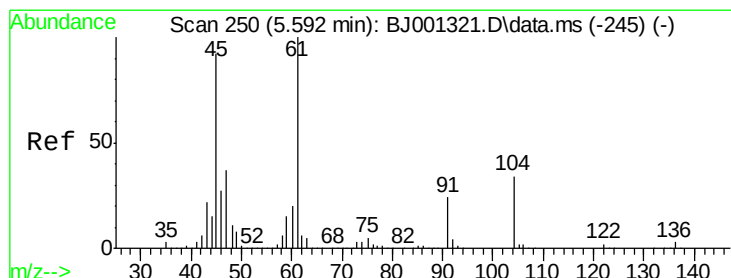
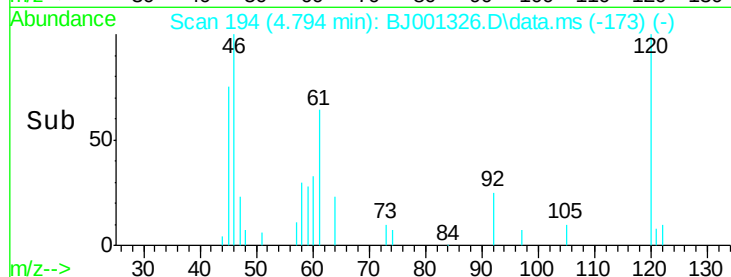
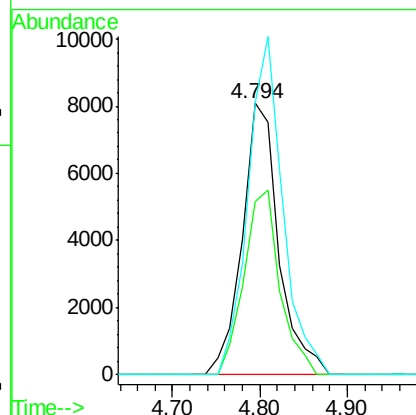
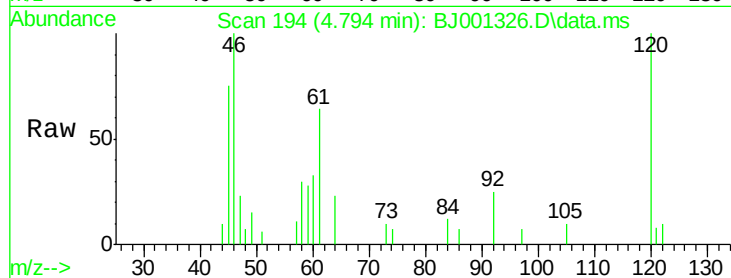
Tgt Ion: 46 Resp: 23412

Ion Ratio Lower Upper

46 100

61 64.0 57.0 97.0

120 100.1 91.5 131.5



#8

Thiodiglycol

Concen: 1.55 ug/mL m

RT: 5.677 min Scan# 256

Delta R.T. 0.080 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

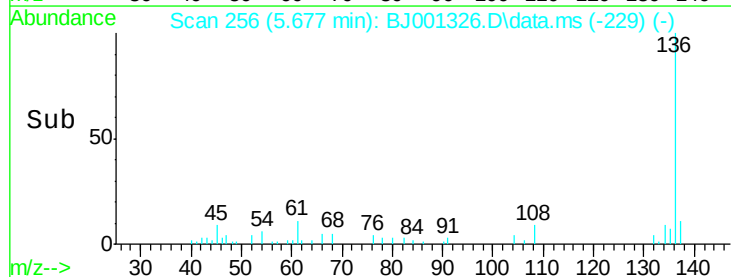
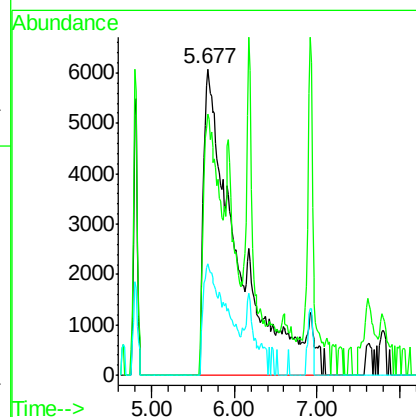
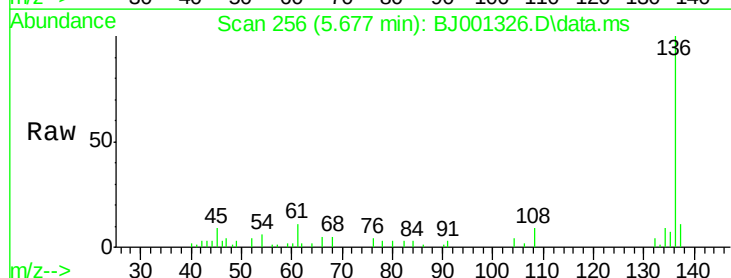
Tgt Ion: 61 Resp: 171776

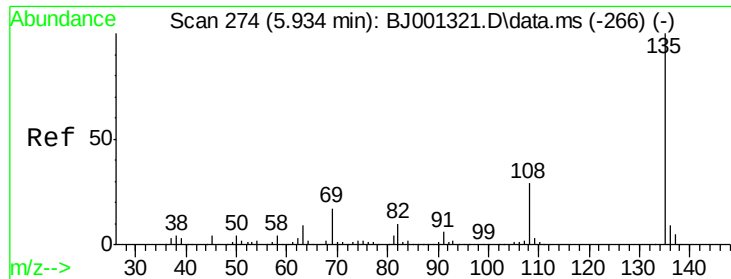
Ion Ratio Lower Upper

61 100

45 85.3 56.0 96.0

47 36.4 10.0 50.0





#9

Benzothiazole

Concen: 0.52 ug/mL

RT: 5.933 min Scan# 27

Delta R.T. 0.009 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

Instrument :

BNA_J

LabSampleId :

CWA-1

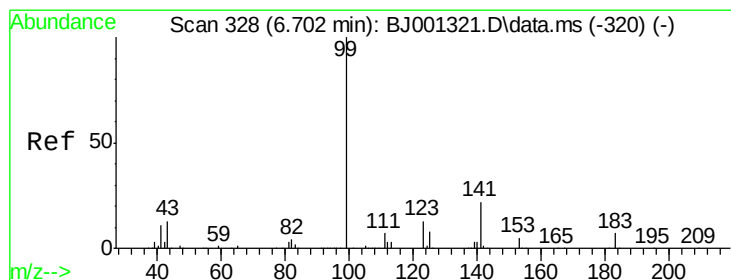
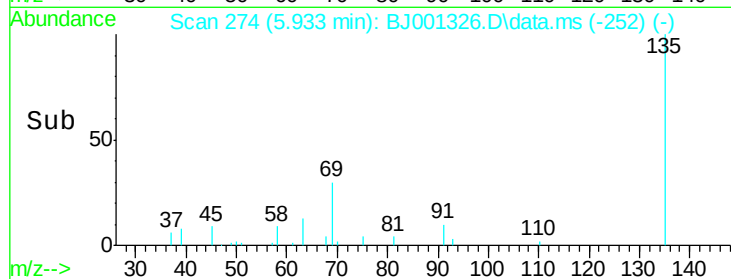
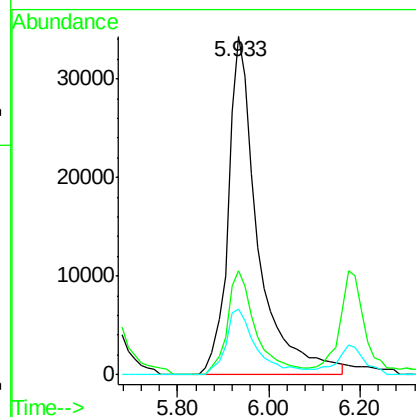
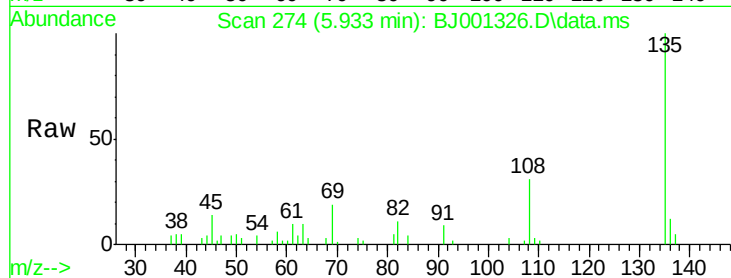
Tgt Ion:135 Resp: 155961

Ion Ratio Lower Upper

135 100

108 30.9 12.0 52.0

69 19.4 1.1 41.1



#10

Tripropylphosphate

Concen: 0.07 ug/mL

RT: 6.701 min Scan# 328

Delta R.T. 0.009 min

Lab File: BJ001326.D

Acq: 10 Dec 2012 18:11

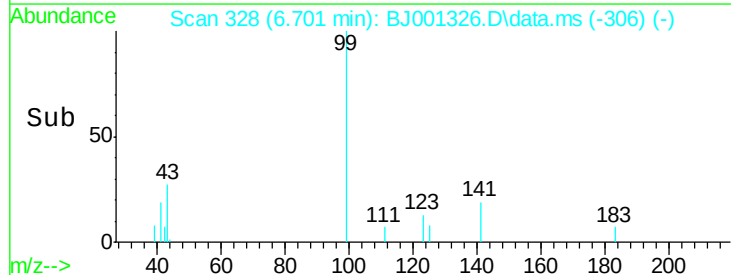
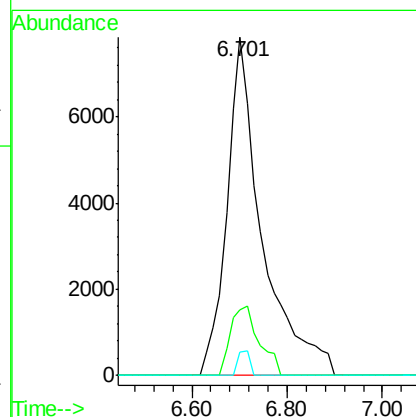
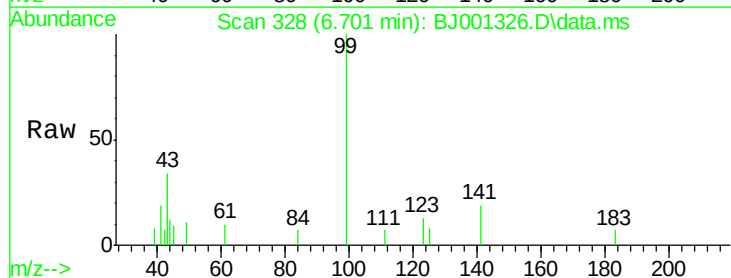
Tgt Ion: 99 Resp: 39996

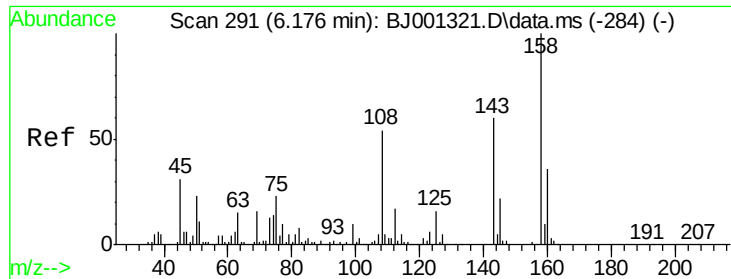
Ion Ratio Lower Upper

99 100

141 16.7 14.7 22.1

183 2.4 4.6 6.8#

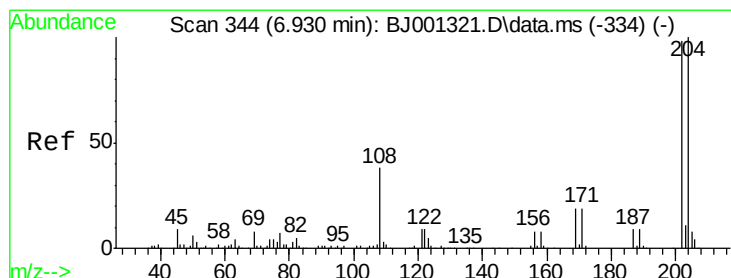
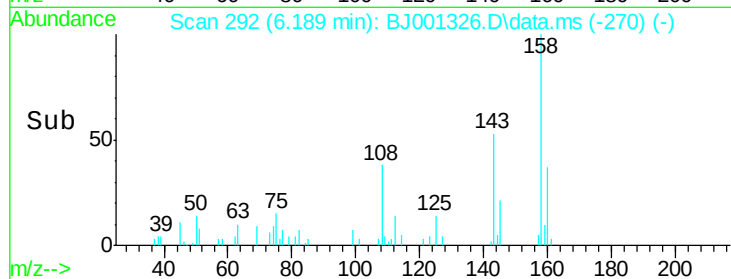
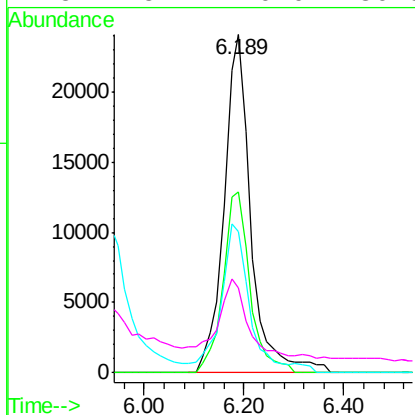
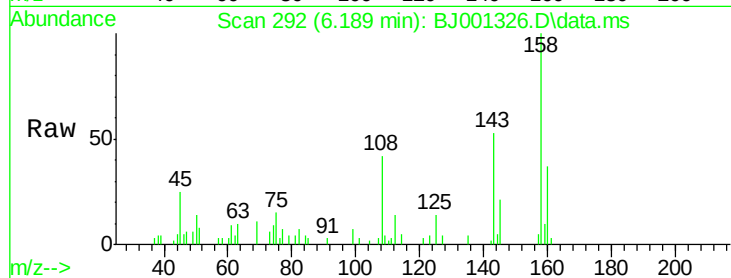




#11
p-Chlorophenylmethylsulfide
Concen: 0.47 ug/mL
RT: 6.189 min Scan# 291
Delta R.T. 0.009 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

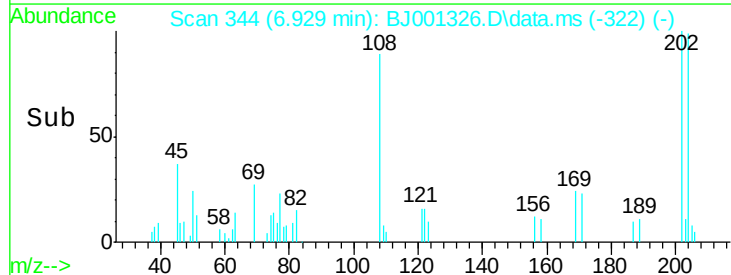
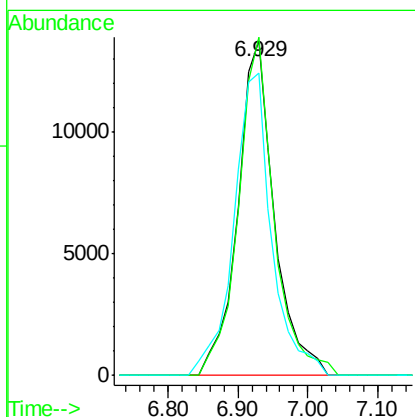
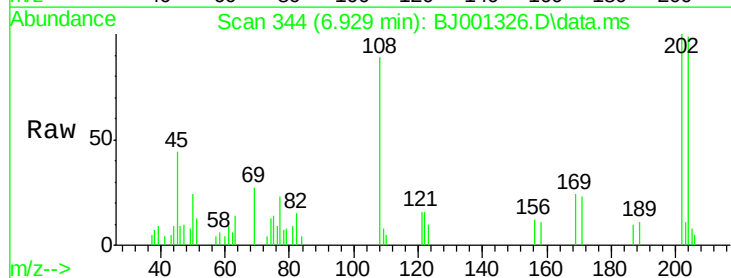
Instrument :
BNA_J
LabSampleId :
CWA-1

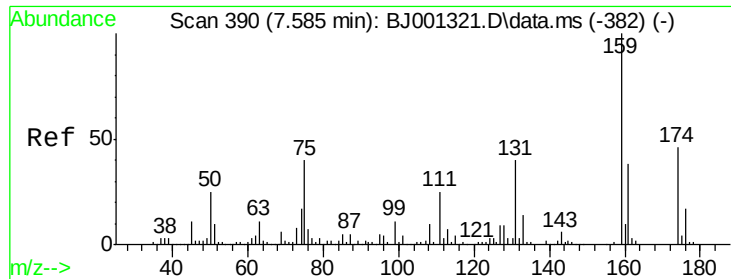
Tgt Ion:	158	Resp:	89387
Ion Ratio	Lower	Upper	
158	100		
143	53.5	34.4	74.4
108	41.7	22.9	62.9
45	25.1	0.0	36.9



#12
2-Bromothioanisole
Concen: 0.55 ug/mL
RT: 6.929 min Scan# 344
Delta R.T. 0.009 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

Tgt Ion:	204	Resp:	49953
Ion Ratio	Lower	Upper	
204	100		
202	101.3	80.7	120.7
108	90.6	87.3	127.3

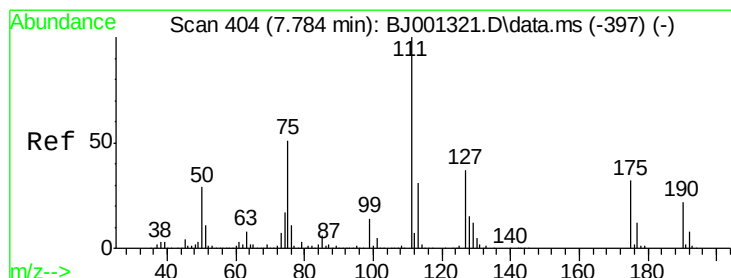
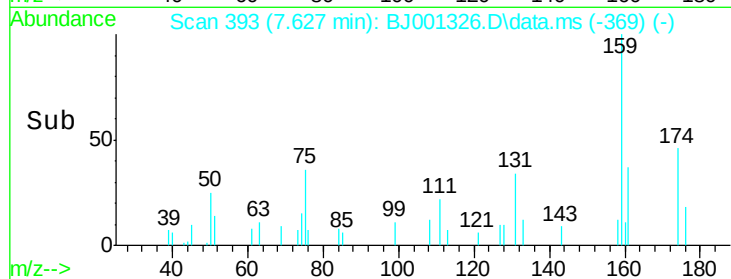
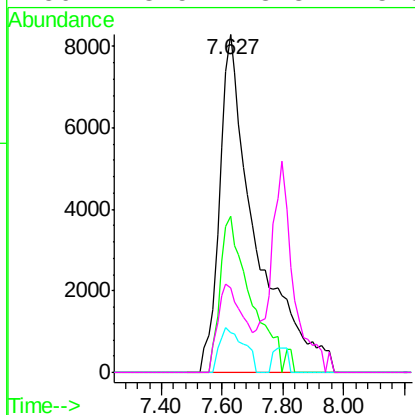
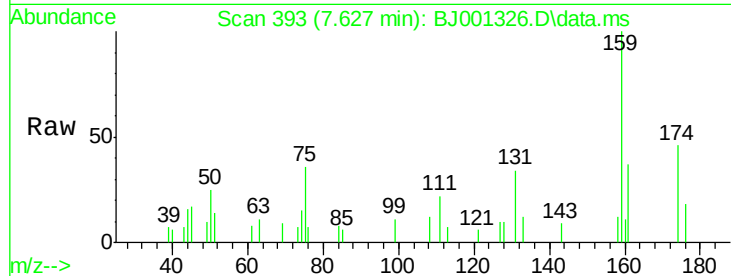




#13
p-Chlorophenylmethylsulfoxide
Concen: 0.54 ug/mL m
RT: 7.627 min Scan# 391
Delta R.T. 0.037 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

Instrument :
BNA_J
LabSampleId :
CWA-1

Tgt Ion:	159	Resp:	68594
Ion	Ratio	Lower	Upper
159	100		
174	38.6	26.4	66.4
108	8.9	0.0	29.6
50	18.5	3.3	43.3



#14
p-Chlorophenylmethylsulfone
Concen: 0.55 ug/mL
RT: 7.797 min Scan# 405
Delta R.T. 0.008 min
Lab File: BJ001326.D
Acq: 10 Dec 2012 18:11

Tgt Ion:	111	Resp:	102507
Ion	Ratio	Lower	Upper
111	100		
75	45.3	27.3	67.3
127	40.2	17.0	57.0
190	24.6	0.8	40.8

