

Data Path : Z:\HPCHEM1\BNA_J\data\BJ121012\
 Data File : BJ001327.D
 Acq On : 10 Dec 2012 18:28
 Operator : HLM
 Sample : CWA-ICV
 Misc : BNA_J HLM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 ICVBJ121012

Quant Time: Dec 13 07:14:38 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Mon Dec 10 18:28:25 2012
 Response via : Initial Calibration

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

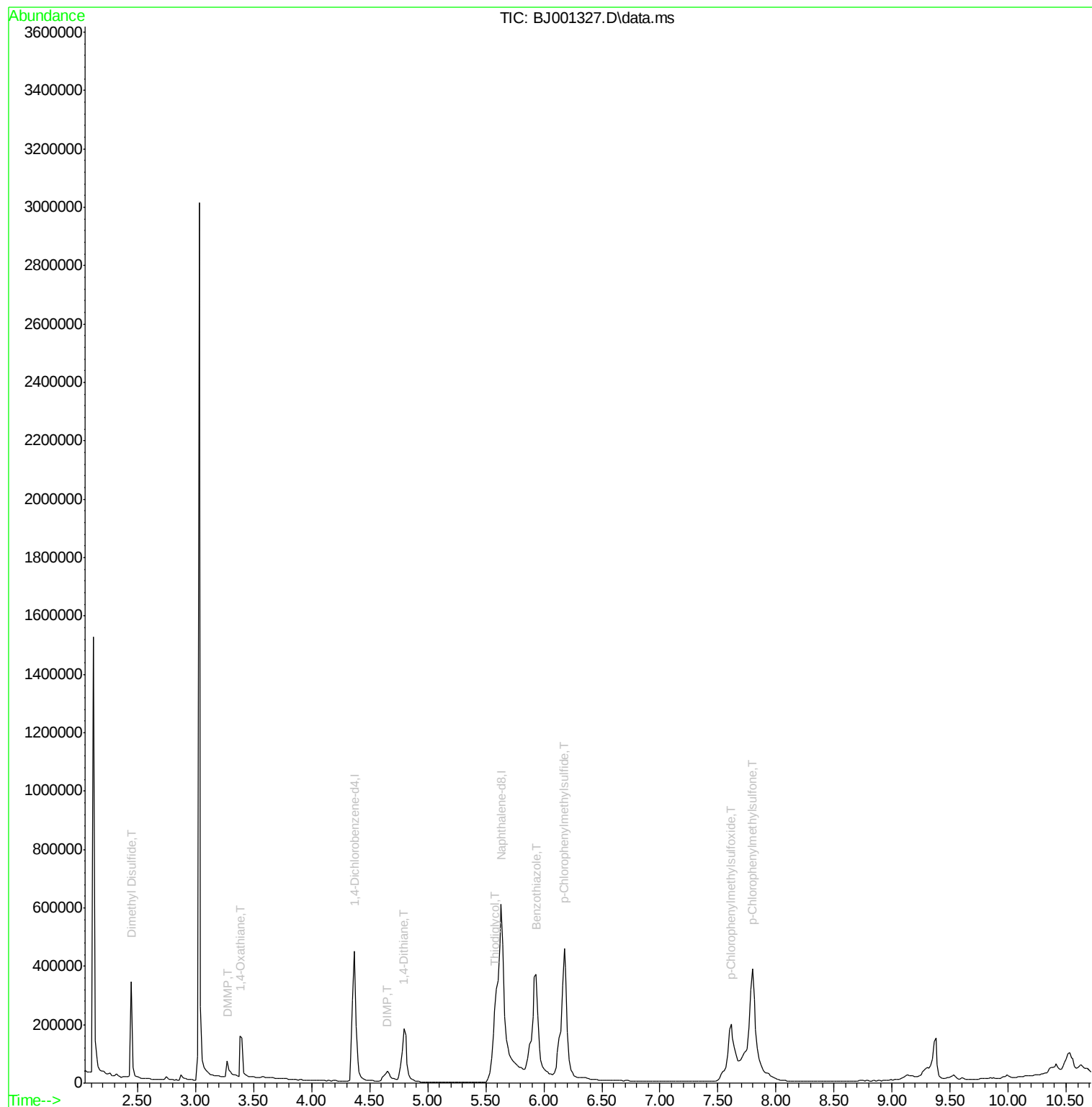
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.367	152	159881	2.00	ug/mL	0.00
6) Naphthalene-d8	5.634	136	736659	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	0.000	99	0	0.00	ug/mL	
Spiked Amount 0.500	Range 70 - 130		Recovery	=	0.00%#	
12) 2-Bromothioanisole	0.000	204	0	0.00	ug/mL	
Spiked Amount 5.000	Range 70 - 130		Recovery	=	0.00%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.446	94	68733	1.08	ug/mL#	22
3) DMMP	3.271	79	38994	0.69	ug/mL	99
4) DIMP	4.652	97	58507	0.43	ug/mL#	79
5) 1,4-Oxathiane	3.385	46	86093	1.00	ug/mL#	73
7) 1,4-Dithiane	4.794	46	86077	1.16	ug/mL	90
8) Thiodiglycol	5.577	61	640785m	10.06	ug/mL	
9) Benzothiazole	5.933	135	502810	2.36	ug/mL	94
11) p-Chlorophenylmethyisu...	6.175	158	305598	2.39	ug/mL	94
13) p-Chlorophenylmethyisu...	7.612	159	244554m	2.35	ug/mL	
14) p-Chlorophenylmethyisu...	7.797	111	348497m	2.57	ug/mL	

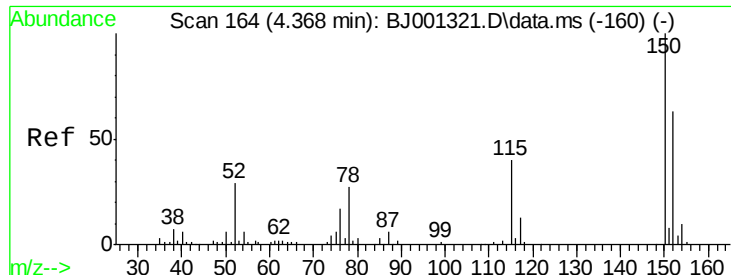
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.367 min Scan# 16

Delta R.T. -0.001 min

Lab File: BJ001327.D

Acq: 10 Dec 2012 18:28

Instrument :

BNA_J

ClientSampleId :

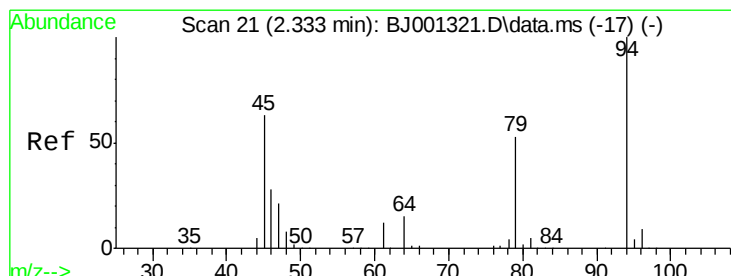
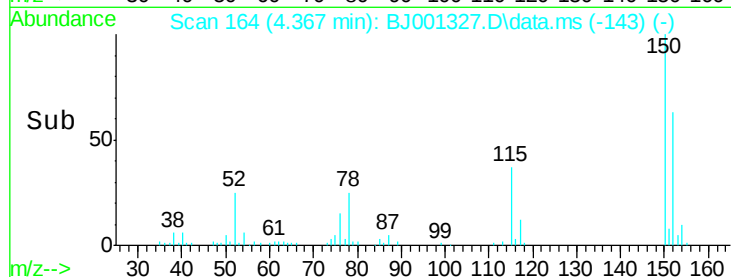
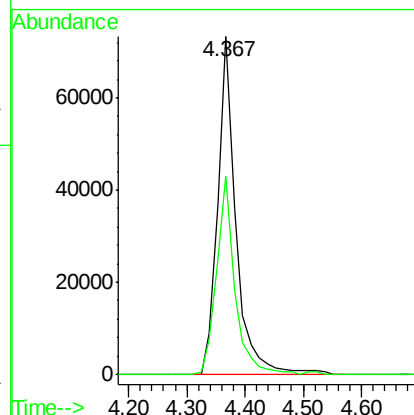
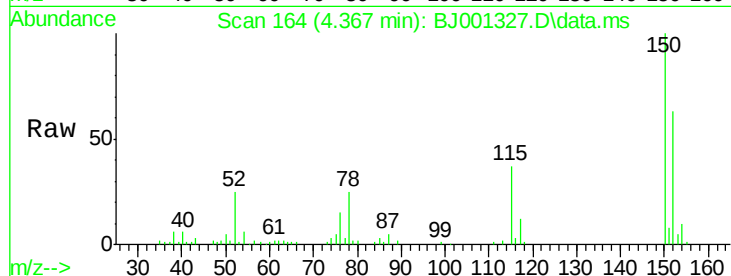
ICVBJ121012

Tgt Ion:152 Resp: 159881

Ion Ratio Lower Upper

152 100

115 58.8 26.3 66.3



#2

Dimethyl Disulfide

Concen: 1.08 ug/mL

RT: 2.446 min Scan# 29

Delta R.T. 0.113 min

Lab File: BJ001327.D

Acq: 10 Dec 2012 18:28

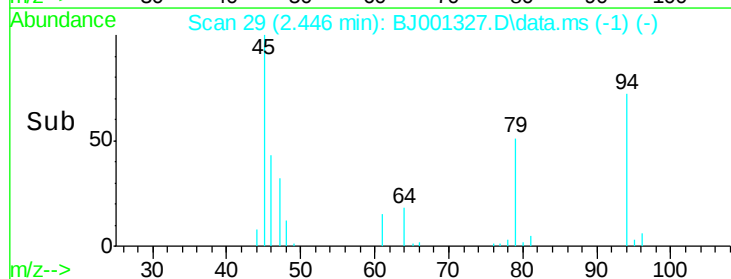
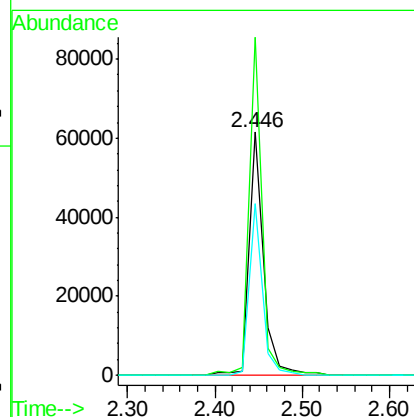
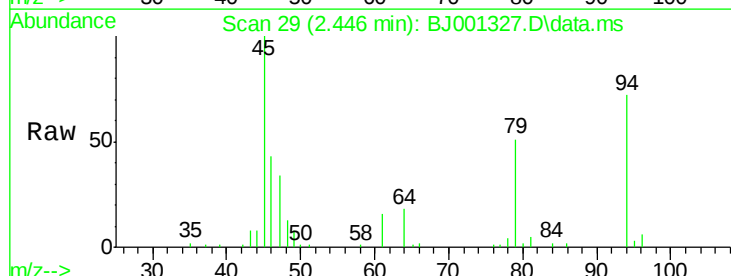
Tgt Ion: 94 Resp: 68733

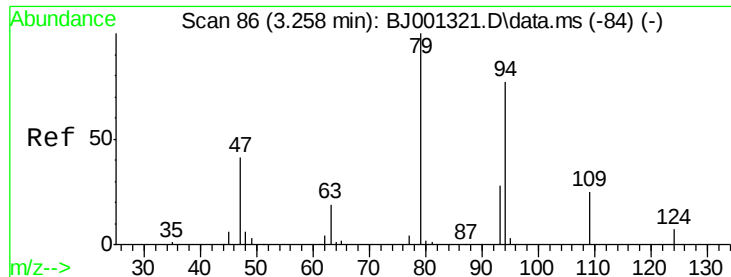
Ion Ratio Lower Upper

94 100

45 139.2 26.5 66.5#

79 70.8 33.4 73.4

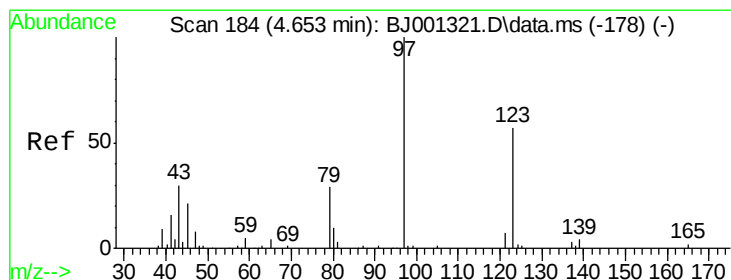
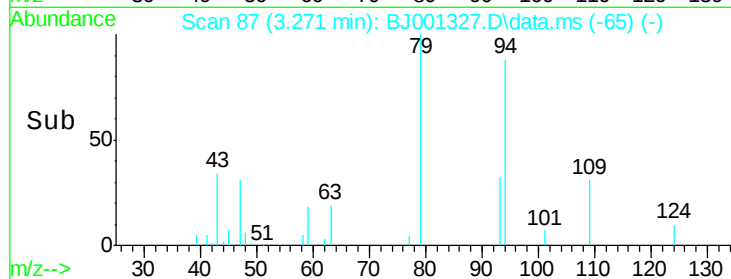
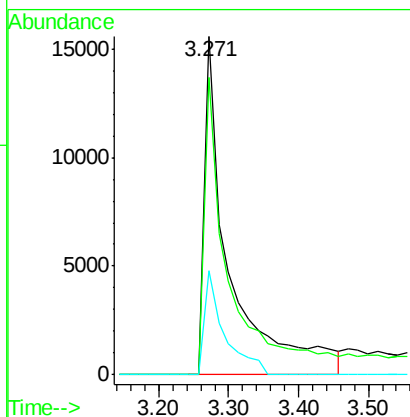
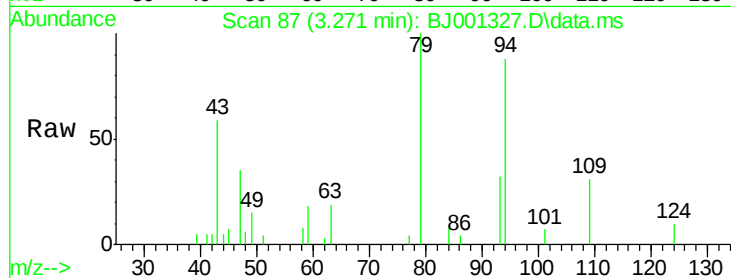




#3
DMMP
Concen: 0.69 ug/mL
RT: 3.271 min Scan# 87
Delta R.T. 0.013 min
Lab File: BJ001327.D
Acq: 10 Dec 2012 18:28

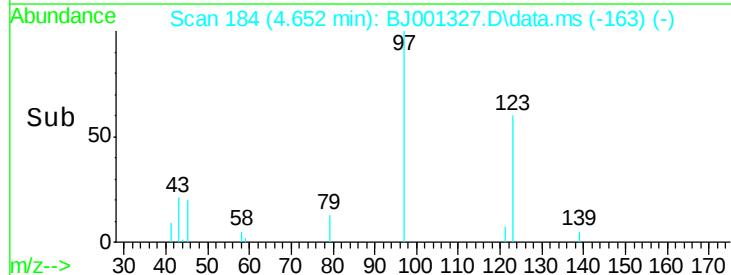
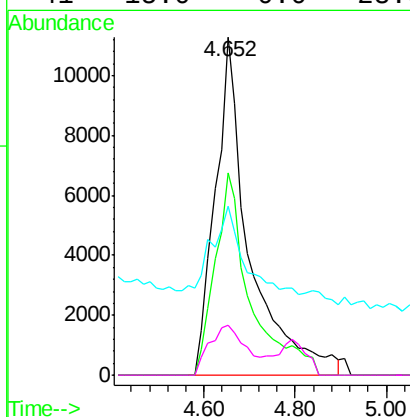
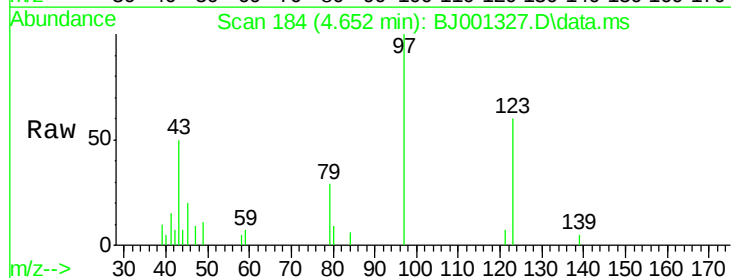
Instrument :
BNA_J
ClientSampleId :
ICVBJ121012

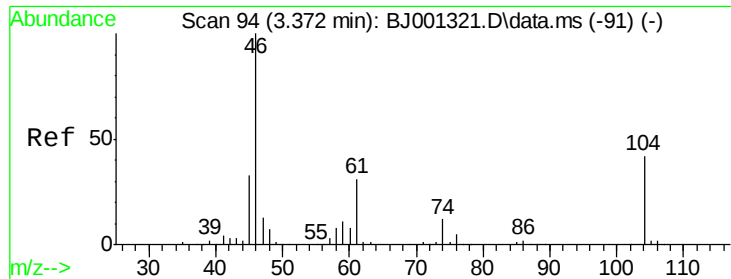
Tgt Ion: 79 Resp: 38994
Ion Ratio Lower Upper
79 100
94 87.9 69.1 109.1
109 30.6 10.5 50.5



#4
DIMP
Concen: 0.43 ug/mL
RT: 4.652 min Scan# 184
Delta R.T. -0.000 min
Lab File: BJ001327.D
Acq: 10 Dec 2012 18:28

Tgt Ion: 97 Resp: 58507
Ion Ratio Lower Upper
97 100
123 60.0 36.4 76.4
43 50.0 0.0 37.2#
41 15.0 0.0 28.0





#5

1,4-Oxathiane

Concen: 1.00 ug/mL

RT: 3.385 min Scan# 95

Delta R.T. 0.013 min

Lab File: BJ001327.D

Acq: 10 Dec 2012 18:28

Instrument :

BNA_J

ClientSampleId :

ICVBJ121012

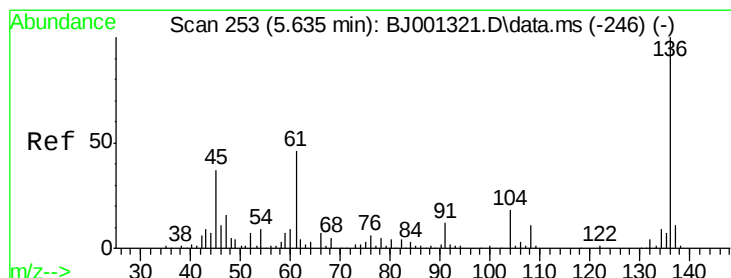
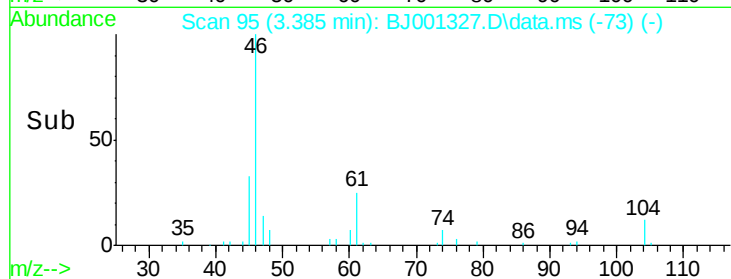
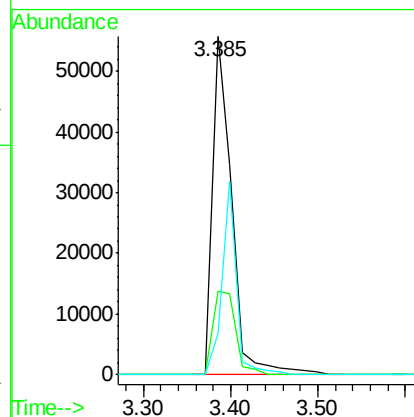
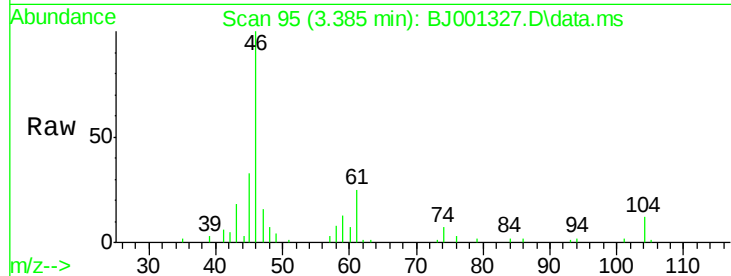
Tgt Ion: 46 Resp: 86093

Ion Ratio Lower Upper

46 100

61 24.6 13.2 53.2

104 12.2 14.2 54.2#



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.634 min Scan# 253

Delta R.T. -0.001 min

Lab File: BJ001327.D

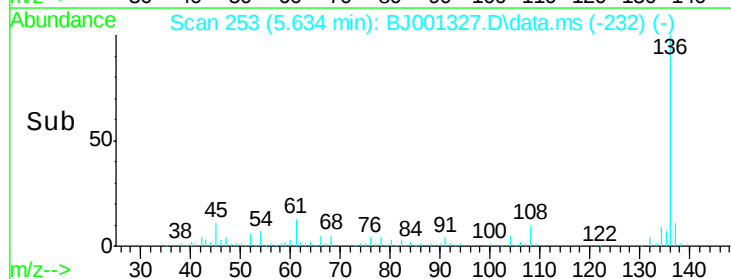
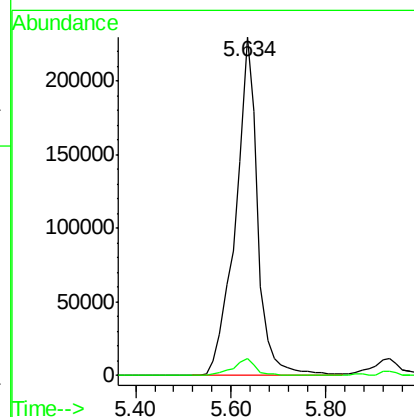
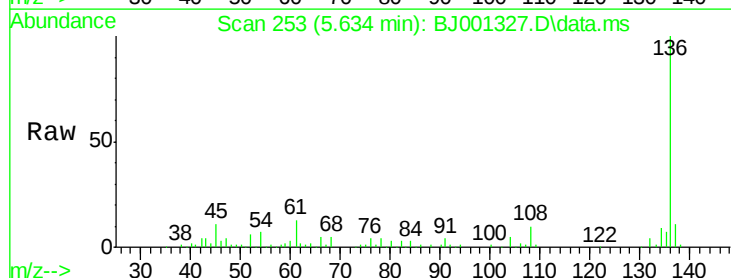
Acq: 10 Dec 2012 18:28

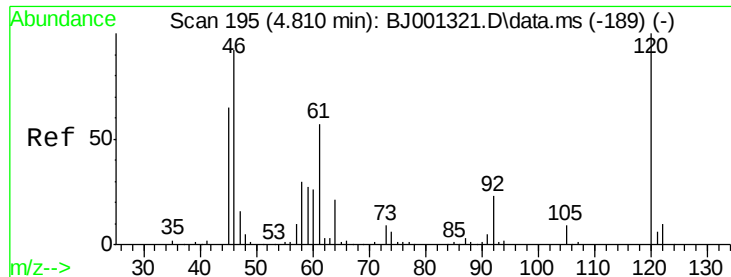
Tgt Ion: 136 Resp: 736659

Ion Ratio Lower Upper

136 100

68 5.0 0.0 25.9





#7

1,4-Dithiane

Concen: 1.16 ug/mL

RT: 4.794 min Scan# 19

Delta R.T. -0.015 min

Lab File: BJ001327.D

Acq: 10 Dec 2012 18:28

Instrument :

BNA_J

ClientSampleId :

ICVBJ121012

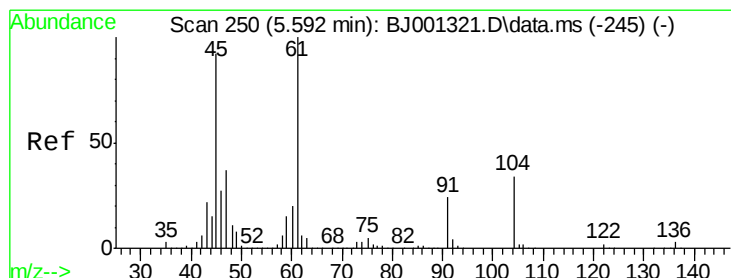
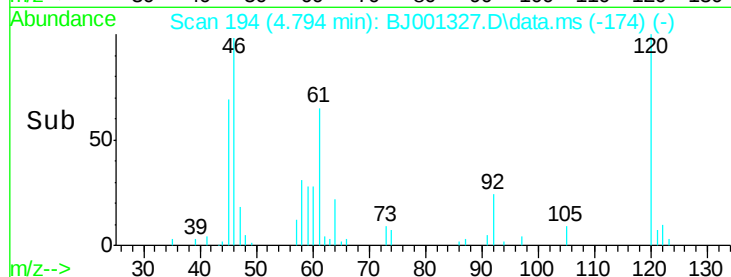
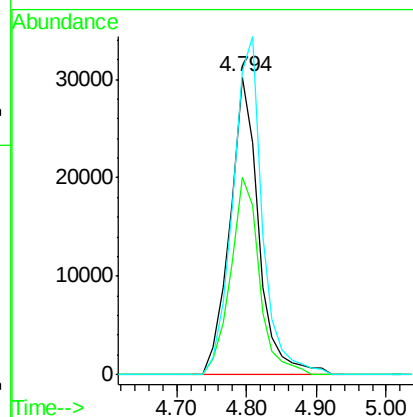
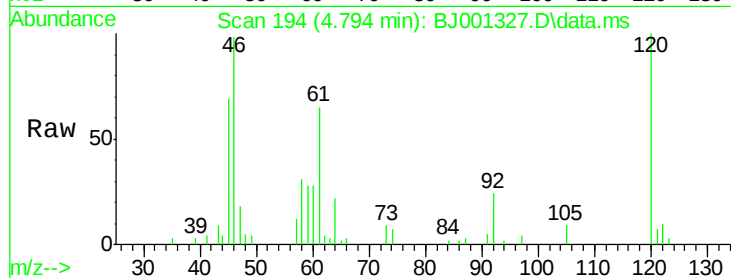
Tgt Ion: 46 Resp: 86077

Ion Ratio Lower Upper

46 100

61 66.4 57.0 97.0

120 102.0 91.5 131.5



#8

Thiodiglycol

Concen: 10.06 ug/mL m

RT: 5.577 min Scan# 249

Delta R.T. -0.015 min

Lab File: BJ001327.D

Acq: 10 Dec 2012 18:28

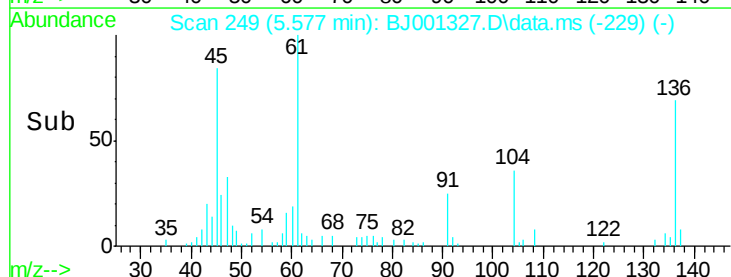
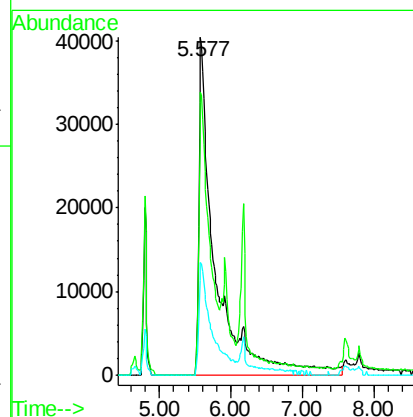
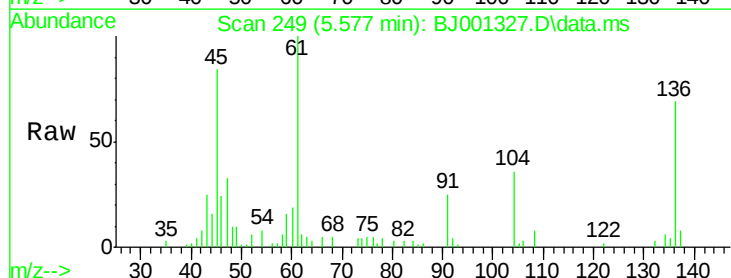
Tgt Ion: 61 Resp: 640785

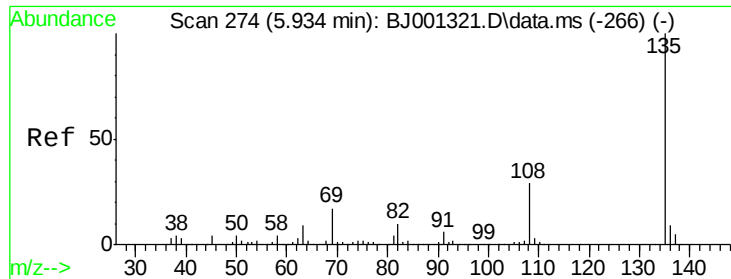
Ion Ratio Lower Upper

61 100

45 83.7 56.0 96.0

47 33.4 10.0 50.0





#9

Benzothiazole

Concen: 2.36 ug/mL

RT: 5.933 min Scan# 27

Delta R.T. -0.001 min

Lab File: BJ001327.D

Acq: 10 Dec 2012 18:28

Instrument :

BNA_J

ClientSampleId :

ICVBJ121012

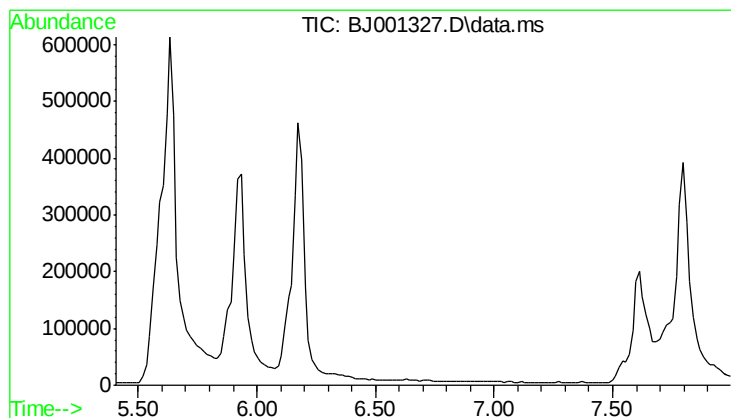
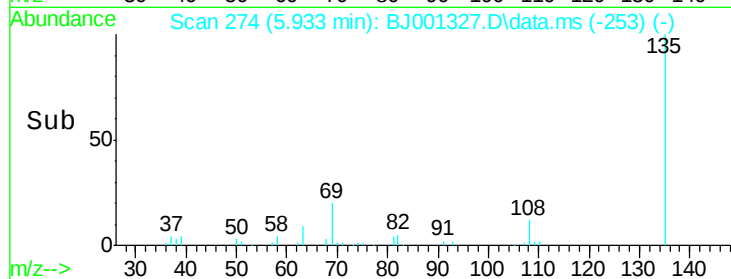
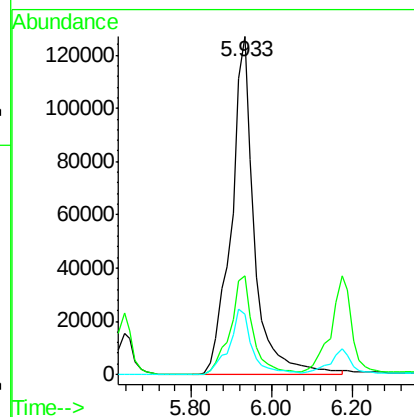
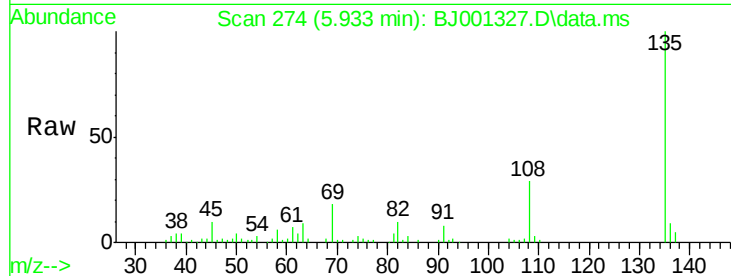
Tgt Ion:135 Resp: 502810

Ion Ratio Lower Upper

135 100

108 29.1 12.0 52.0

69 17.9 1.1 41.1



#10

Tripropylphosphate

Concen: 0.00 ug/mL

Expected RT: 6.70 min

Lab File: BJ001327.D

Acq: 10 Dec 2012 18:28

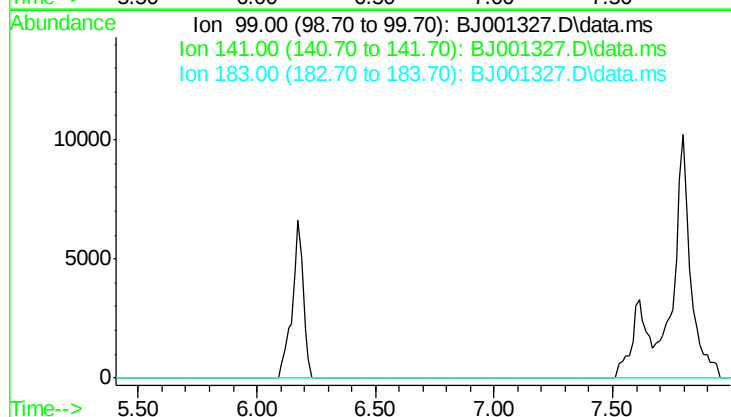
Tgt Ion: 99

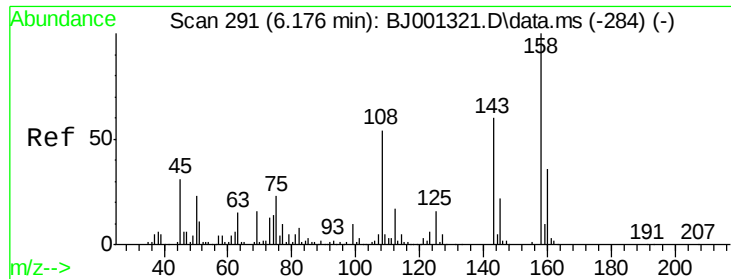
Sig Exp Ratio

99 100

141 18.4

183 5.7

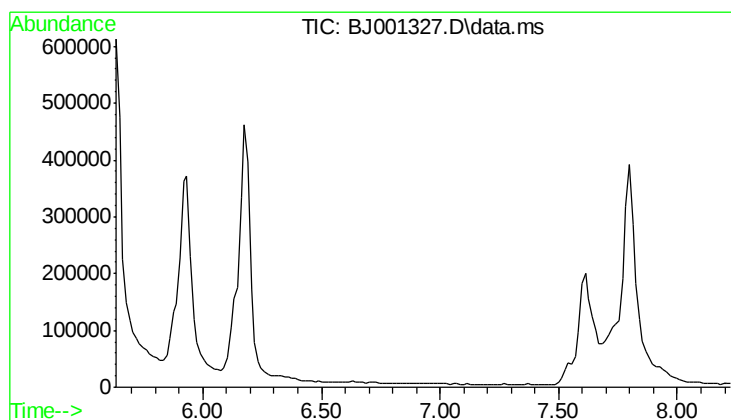
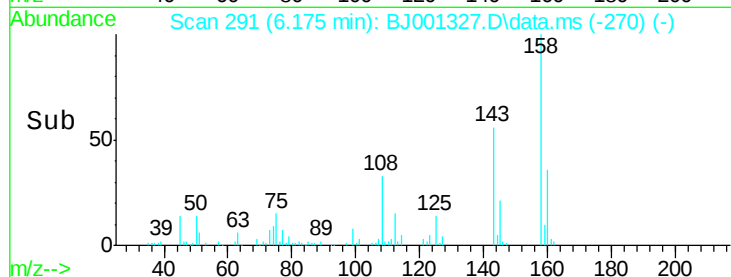
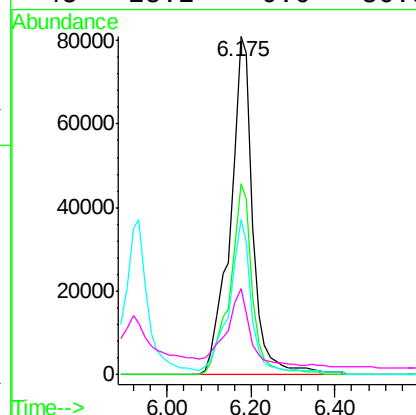
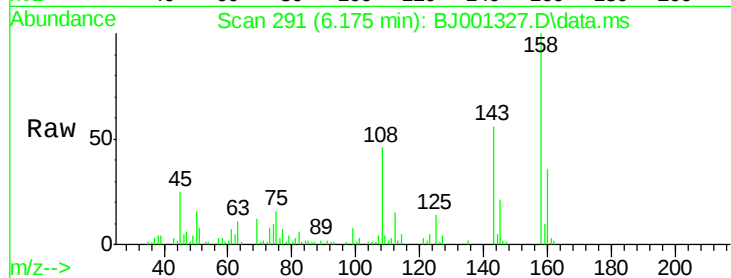




#11
p-Chlorophenylmethylsulfide
Concen: 2.39 ug/mL
RT: 6.175 min Scan# 291
Delta R.T. -0.001 min
Lab File: BJ001327.D
Acq: 10 Dec 2012 18:28

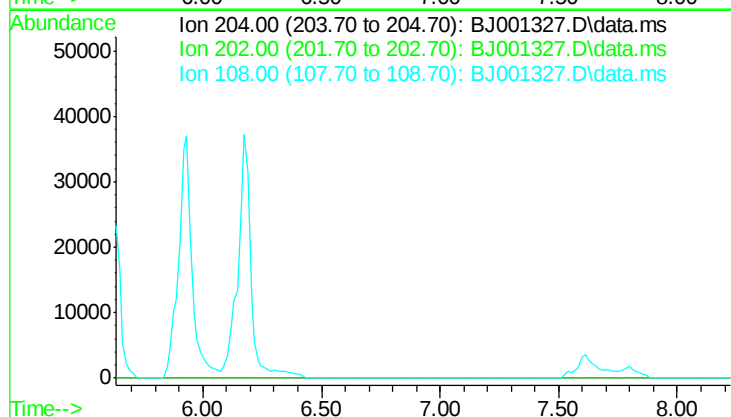
Instrument :
BNA_J
ClientSampleId :
ICVBJ121012

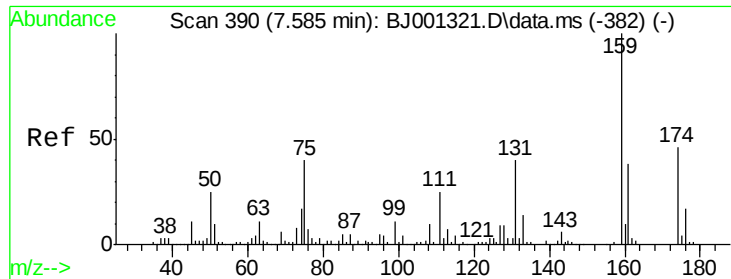
Tgt Ion:	158	Resp:	305598
Ion	Ratio	Lower	Upper
158	100		
143	56.5	34.4	74.4
108	45.9	22.9	62.9
45	25.2	0.0	36.9



#12
2-Bromothioanisole
Concen: 0.00 ug/mL
Expected RT: 6.93 min
Lab File: BJ001327.D
Acq: 10 Dec 2012 18:28

Tgt Ion:	204
Sig	Exp Ratio
204	100
202	100.7
108	107.3

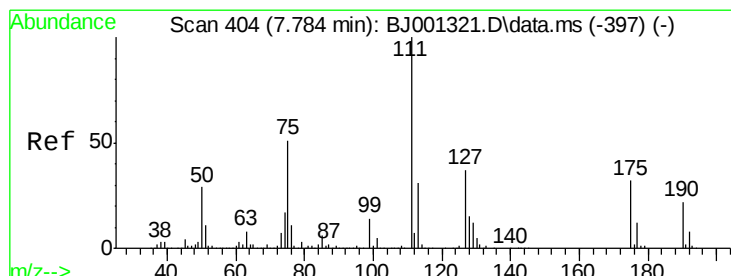
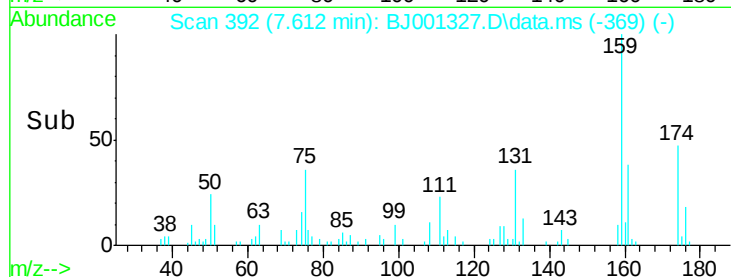
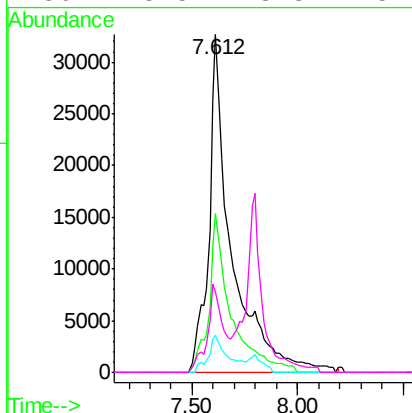
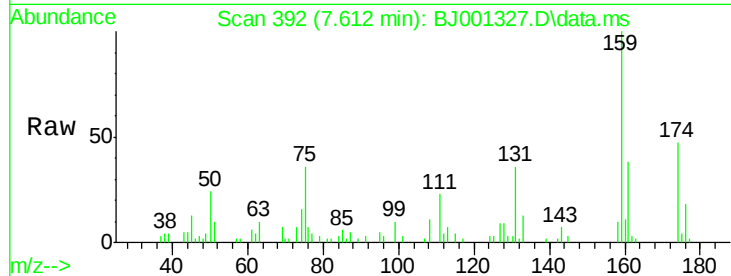




#13
p-Chlorophenylmethylsulfoxide
Concen: 2.35 ug/mL m
RT: 7.612 min Scan# 391
Delta R.T. 0.027 min
Lab File: BJ001327.D
Acq: 10 Dec 2012 18:28

Instrument :
BNA_J
ClientSampleId :
ICVBJ121012

Tgt Ion:	159	Resp:	244554
Ion Ratio	Lower	Upper	
159	100		
174	41.7	26.4	66.4
108	9.6	0.0	29.6
50	18.5	3.3	43.3



#14
p-Chlorophenylmethylsulfone
Concen: 2.57 ug/mL m
RT: 7.797 min Scan# 405
Delta R.T. 0.013 min
Lab File: BJ001327.D
Acq: 10 Dec 2012 18:28

Tgt Ion:	111	Resp:	348497
Ion Ratio	Lower	Upper	
111	100		
75	45.9	27.3	67.3
127	40.0	17.0	57.0
190	25.4	0.8	40.8

