

Data Path : Z:\HPCHEM1\BNA_J\data\BJ121012\
 Data File : BJ001329.D
 Acq On : 10 Dec 2012 19:11
 Operator : HLM
 Sample : PB67346BS
 Misc : WATER BNA_J HLM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 PB67346BS

Quant Time: Dec 14 21:40:51 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)

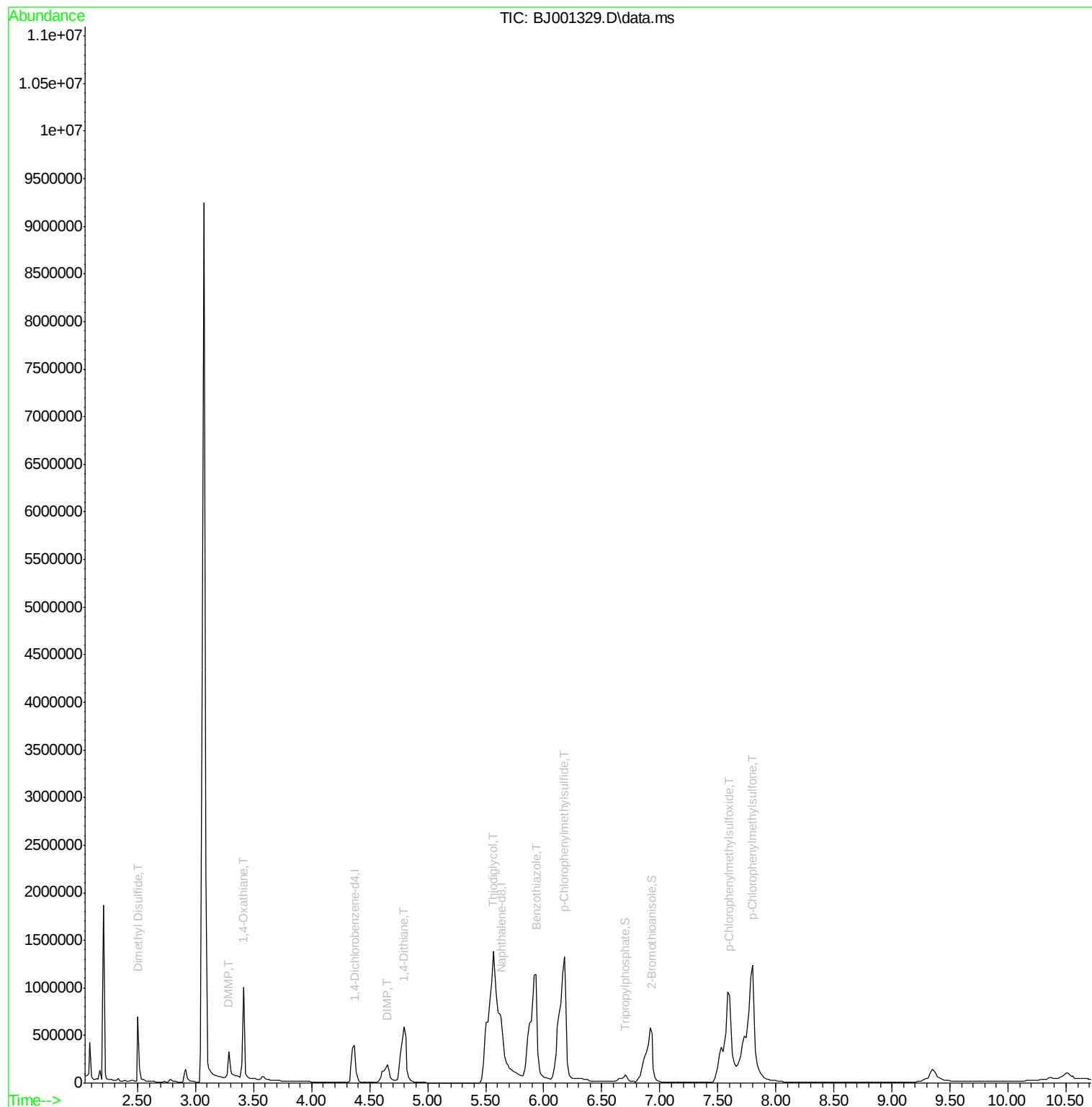
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.368	152	146790	2.00	ug/mL	0.00
6) Naphthalene-d8	5.634	136	645331	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.702	99	134709	0.50	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	100.00%	
12) 2-Bromothioanisole	6.929	204	290833	4.52	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	90.40%	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.503	94	139401m	2.26	ug/mL	
3) DMMP	3.286	79	170610	2.44	ug/mL	90
4) DIMP	4.652	97	253881	1.78	ug/mL	88
5) 1,4-Oxathiane	3.414	46	320907	4.06	ug/mL#	73
7) 1,4-Dithiane	4.795	46	302932	4.65	ug/mL	91
8) Thiodiglycol	5.563	61	2165403m	38.81	ug/mL	
9) Benzothiazole	5.933	135	1695544	9.08	ug/mL	91
11) p-Chlorophenylmethyisu...	6.175	158	1018913	9.08	ug/mL	93
13) p-Chlorophenylmethyisu...	7.598	159	879219m	9.66	ug/mL	
14) p-Chlorophenylmethyisu...	7.798	111	1071676	9.01	ug/mL	89

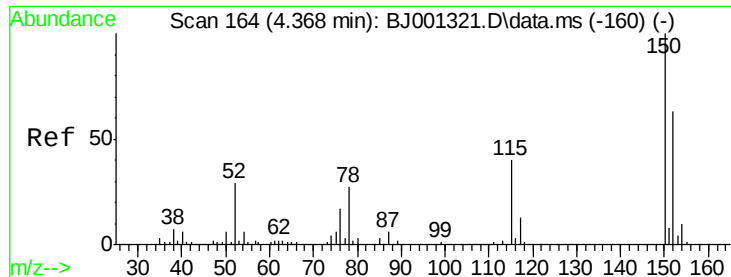
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.368 min Scan# 16

Delta R.T. -0.001 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

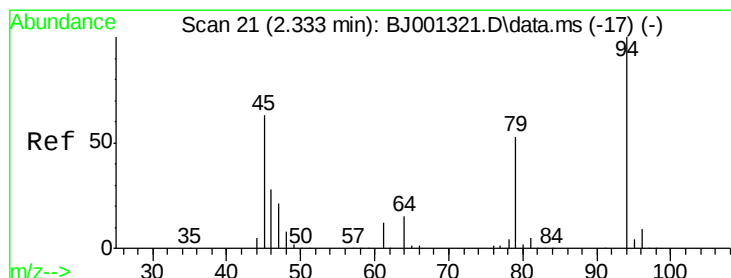
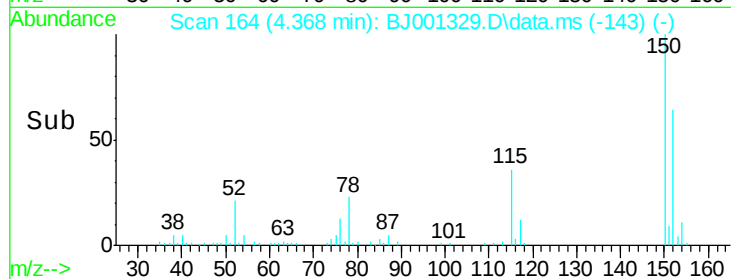
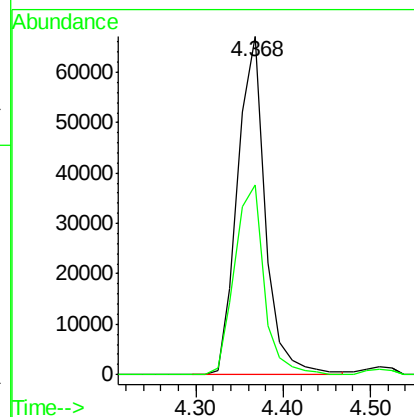
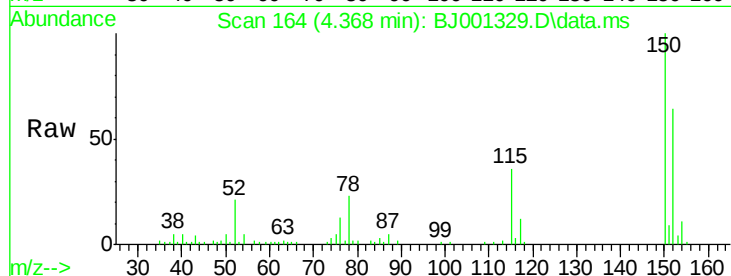
PB67346BS

Tgt Ion:152 Resp: 146790

Ion Ratio Lower Upper

152 100

115 56.2 26.3 66.3



#2

Dimethyl Disulfide

Concen: 2.26 ug/mL m

RT: 2.503 min Scan# 33

Delta R.T. 0.170 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

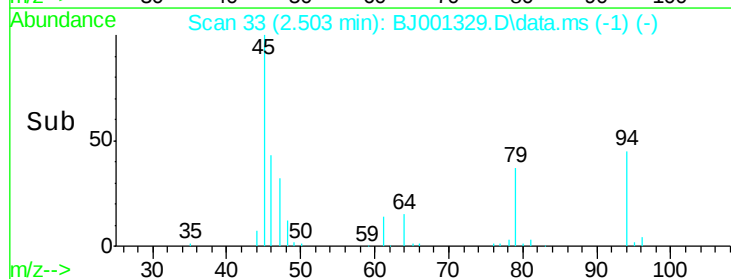
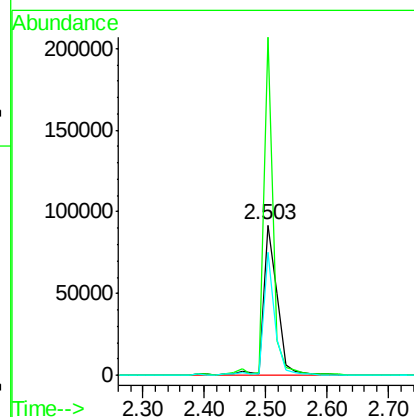
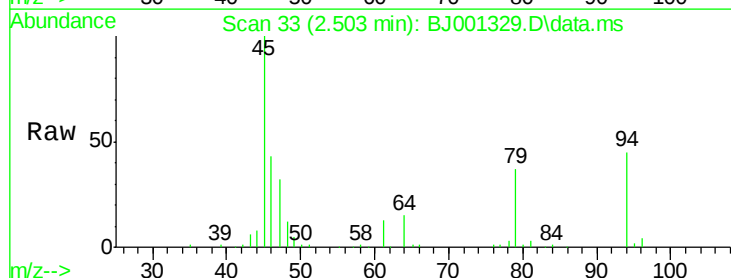
Tgt Ion: 94 Resp: 139401

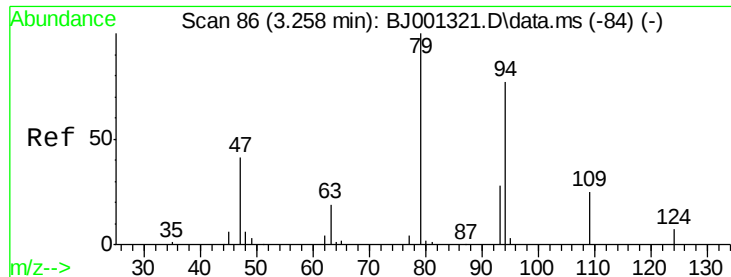
Ion Ratio Lower Upper

94 100

45 224.6 26.5 66.5#

79 82.1 33.4 73.4#





#3

DMMP

Concen: 2.44 ug/mL

RT: 3.286 min Scan# 88

Delta R.T. 0.028 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

PB67346BS

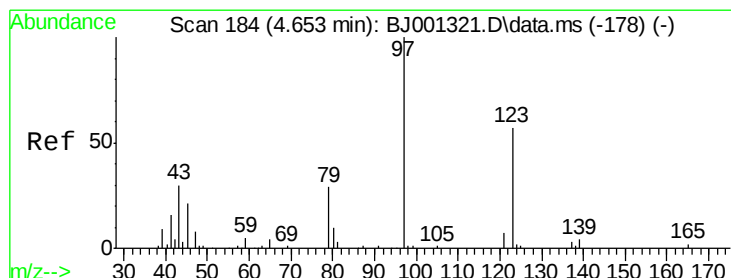
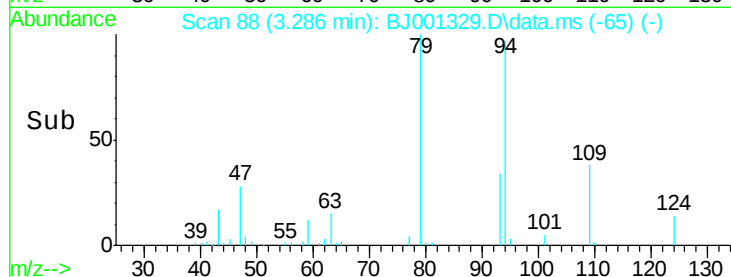
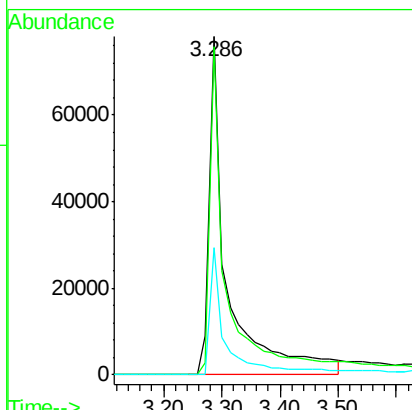
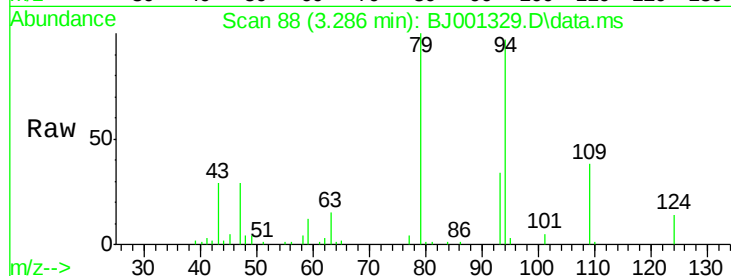
Tgt Ion: 79 Resp: 170610

Ion Ratio Lower Upper

79 100

94 97.1 69.1 109.1

109 37.7 10.5 50.5



#4

DIMP

Concen: 1.78 ug/mL

RT: 4.652 min Scan# 184

Delta R.T. 0.000 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Tgt Ion: 97 Resp: 253881

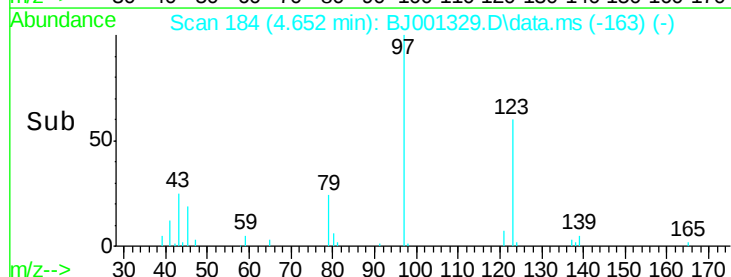
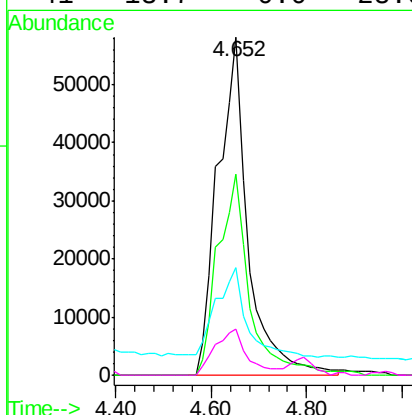
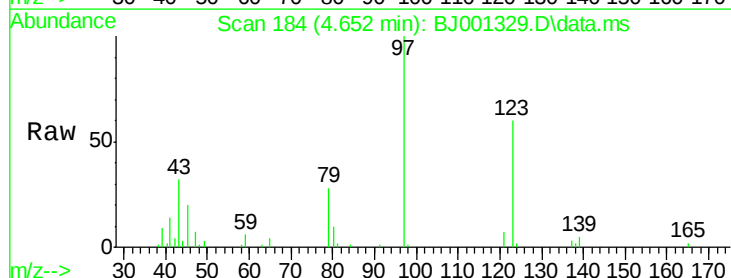
Ion Ratio Lower Upper

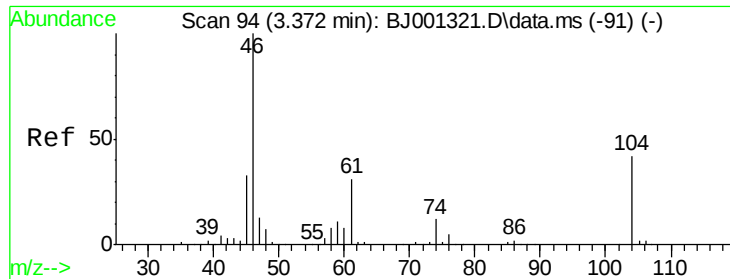
97 100

123 59.5 36.4 76.4

43 31.8 0.0 37.2

41 13.7 0.0 28.0





#5

1,4-Oxathiane

Concen: 4.06 ug/mL

RT: 3.414 min Scan# 97

Delta R.T. 0.042 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

PB67346BS

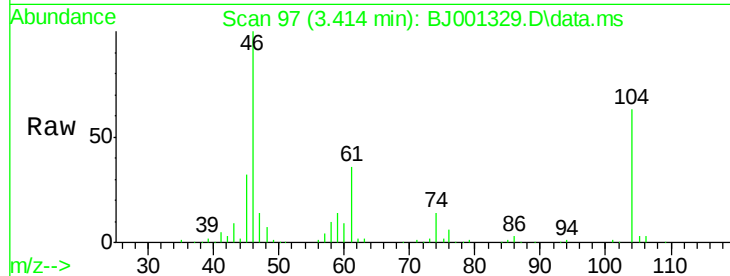
Tgt Ion: 46 Resp: 320907

Ion Ratio Lower Upper

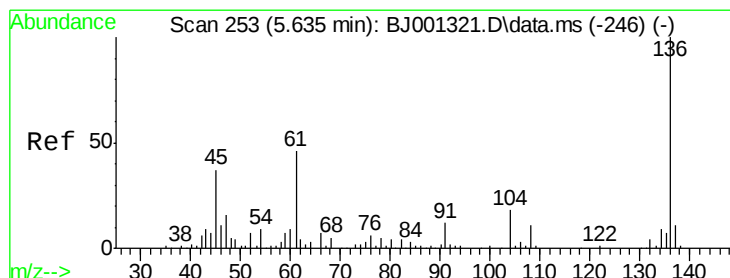
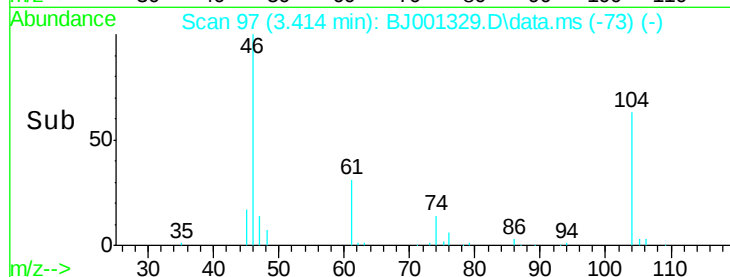
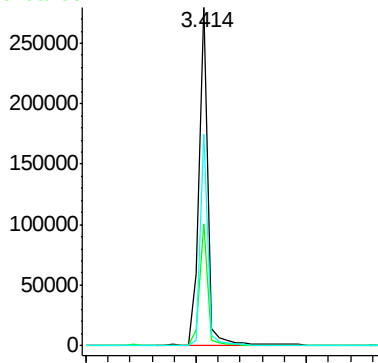
46 100

61 35.9 13.2 53.2

104 62.7 14.2 54.2#



Abundance



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.634 min Scan# 253

Delta R.T. -0.001 min

Lab File: BJ001329.D

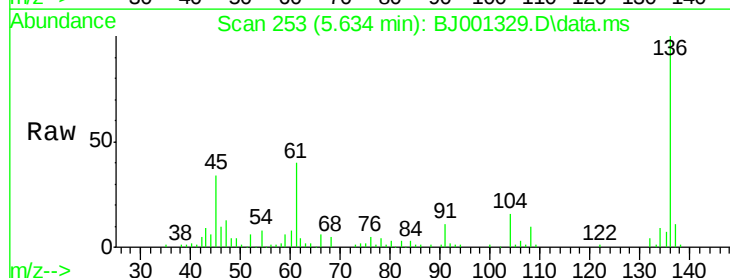
Acq: 10 Dec 2012 19:11

Tgt Ion: 136 Resp: 645331

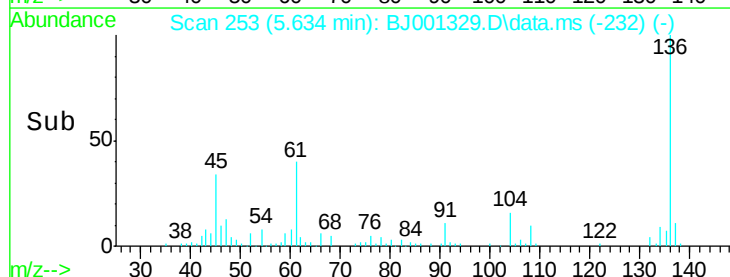
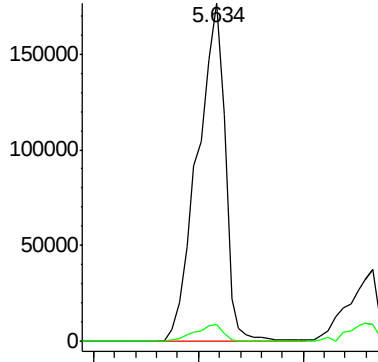
Ion Ratio Lower Upper

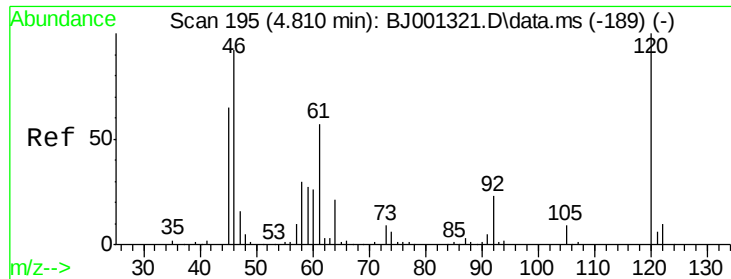
136 100

68 5.0 0.0 25.9



Abundance





#7

1,4-Dithiane

Concen: 4.65 ug/mL

RT: 4.795 min Scan# 19

Delta R.T. -0.014 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

PB67346BS

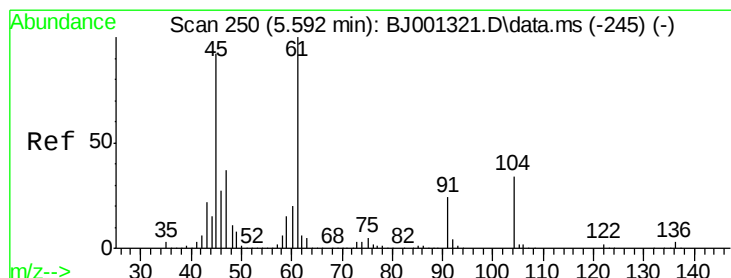
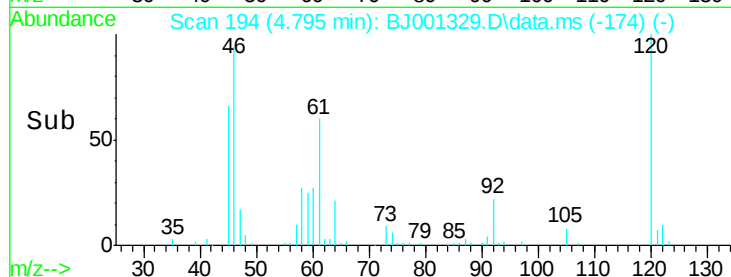
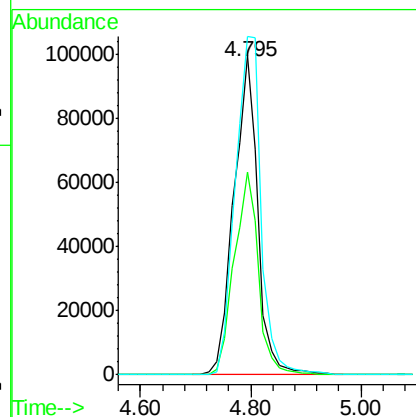
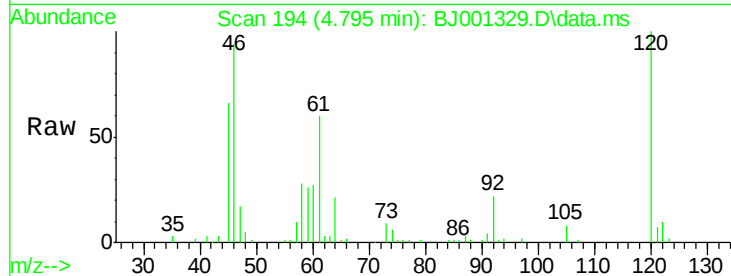
Tgt Ion: 46 Resp: 302932

Ion Ratio Lower Upper

46 100

61 63.4 57.0 97.0

120 106.0 91.5 131.5



#8

Thiodiglycol

Concen: 38.81 ug/mL m

RT: 5.563 min Scan# 248

Delta R.T. -0.029 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

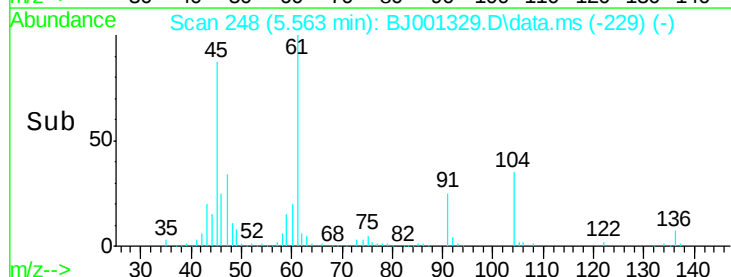
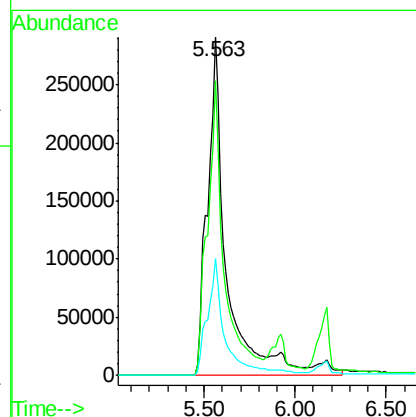
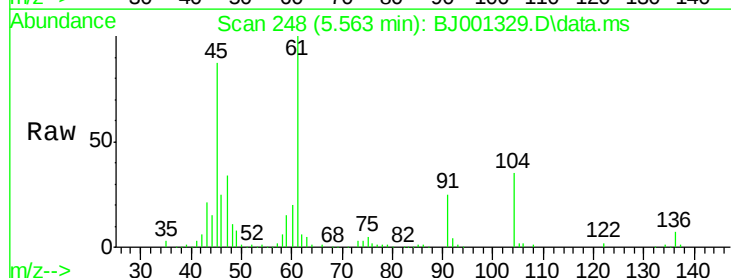
Tgt Ion: 61 Resp: 2165403

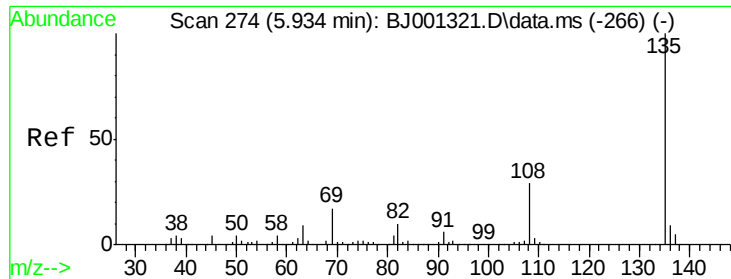
Ion Ratio Lower Upper

61 100

45 87.1 56.0 96.0

47 34.4 10.0 50.0





#9

Benzothiazole

Concen: 9.08 ug/mL

RT: 5.933 min Scan# 27

Delta R.T. -0.001 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

Instrument :

BNA_J

ClientSampleId :

PB67346BS

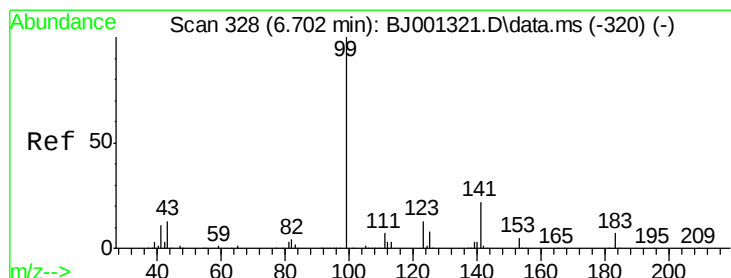
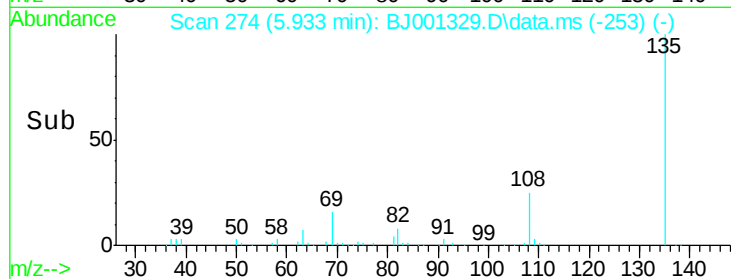
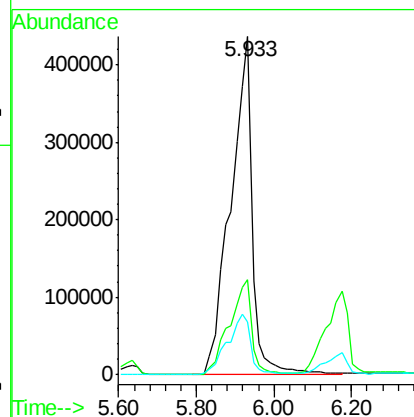
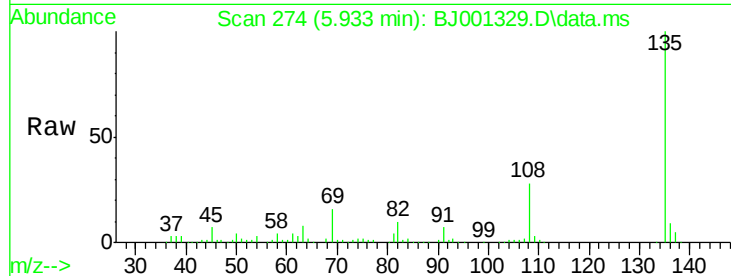
Tgt Ion:135 Resp: 1695544

Ion Ratio Lower Upper

135 100

108 28.0 12.0 52.0

69 15.5 1.1 41.1



#10

Tripropylphosphate

Concen: 0.50 ug/mL

RT: 6.702 min Scan# 328

Delta R.T. -0.000 min

Lab File: BJ001329.D

Acq: 10 Dec 2012 19:11

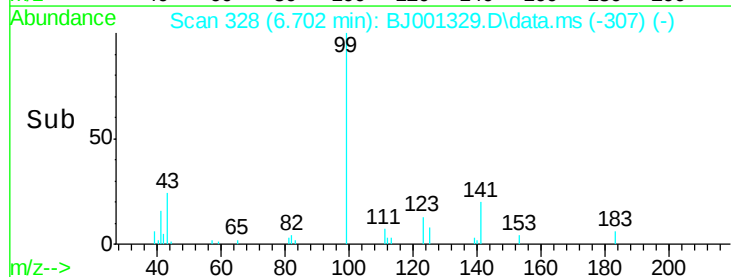
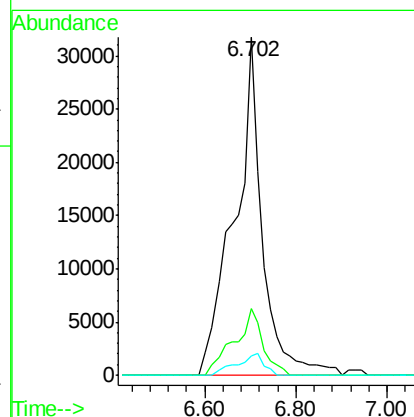
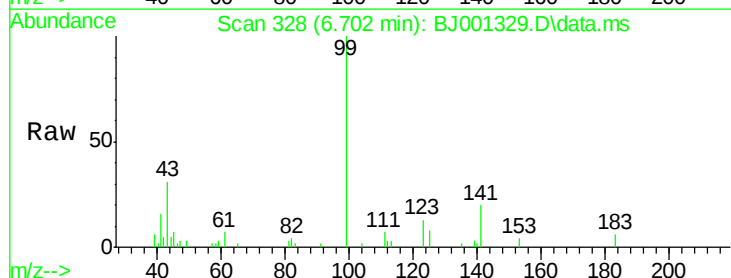
Tgt Ion: 99 Resp: 134709

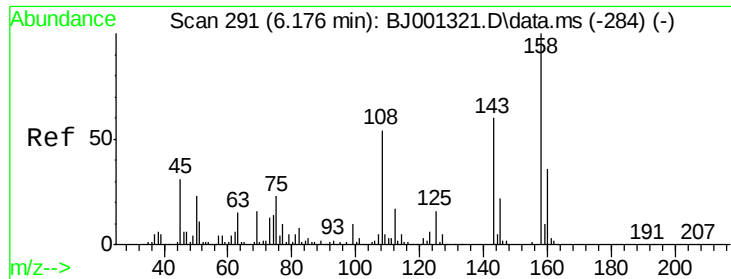
Ion Ratio Lower Upper

99 100

141 20.3 14.7 22.1

183 6.3 4.6 6.8

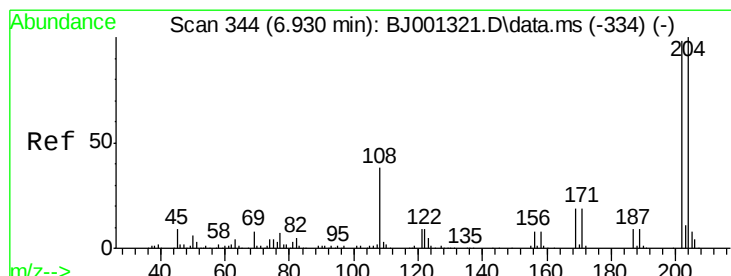
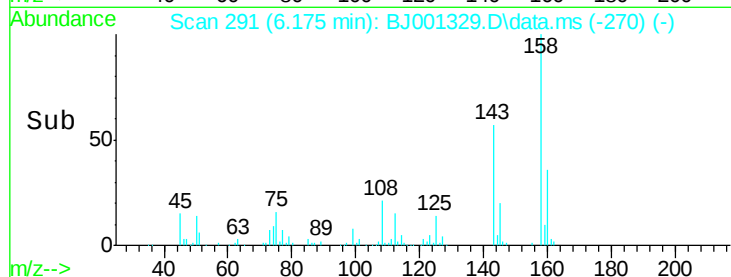
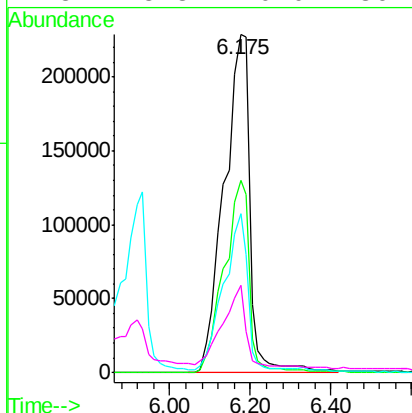
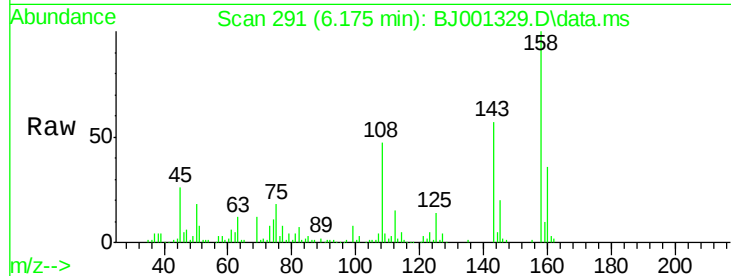




#11
p-Chlorophenylmethylsulfide
Concen: 9.08 ug/mL
RT: 6.175 min Scan# 291
Delta R.T. -0.001 min
Lab File: BJ001329.D
Acq: 10 Dec 2012 19:11

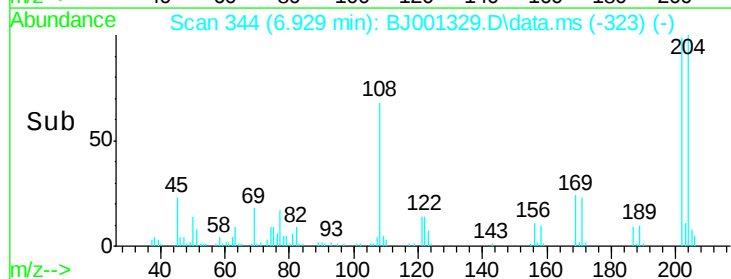
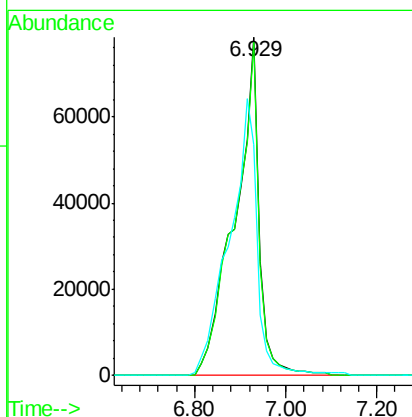
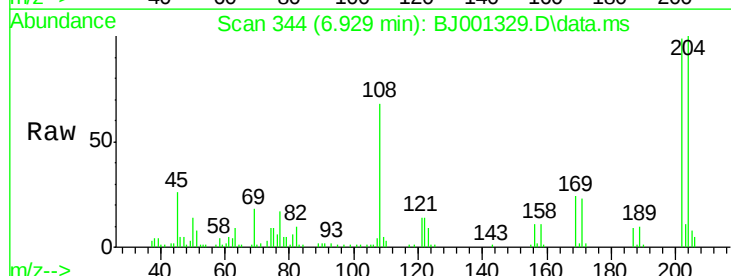
Instrument :
BNA_J
ClientSampleId :
PB67346BS

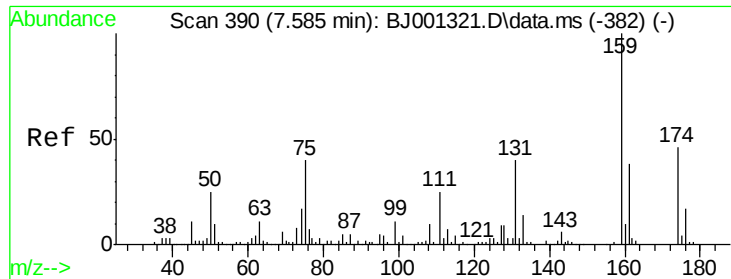
Tgt Ion:158 Resp: 1018913
Ion Ratio Lower Upper
158 100
143 56.7 34.4 74.4
108 47.2 22.9 62.9
45 25.8 0.0 36.9



#12
2-Bromothioanisole
Concen: 4.52 ug/mL
RT: 6.929 min Scan# 344
Delta R.T. -0.001 min
Lab File: BJ001329.D
Acq: 10 Dec 2012 19:11

Tgt Ion:204 Resp: 290833
Ion Ratio Lower Upper
204 100
202 98.5 80.7 120.7
108 68.3 87.3 127.3#

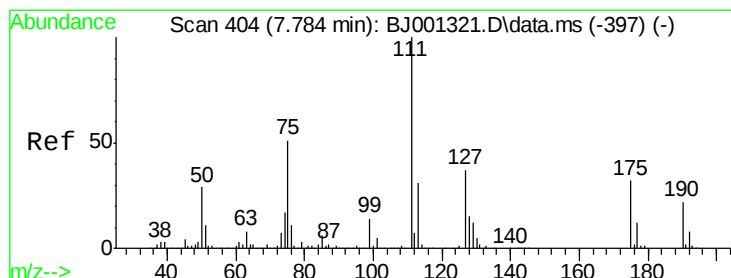
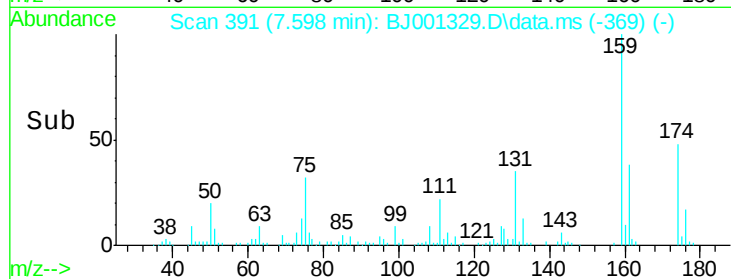
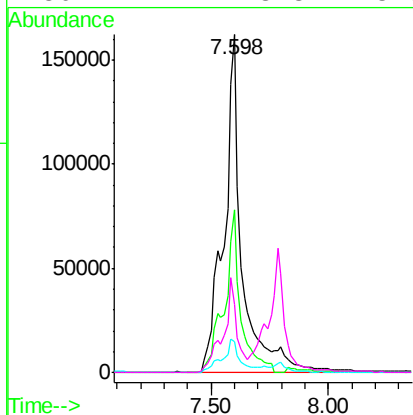
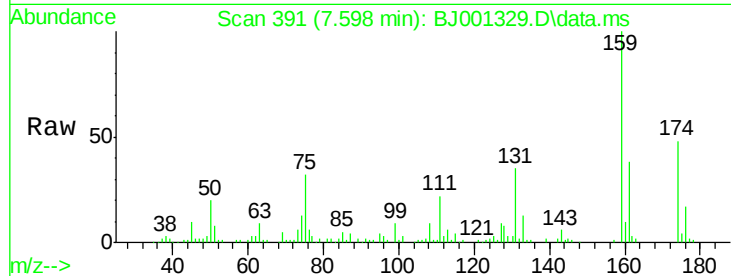




#13
p-Chlorophenylmethylsulfoxide
Concen: 9.66 ug/mL m
RT: 7.598 min Scan# 391
Delta R.T. 0.014 min
Lab File: BJ001329.D
Acq: 10 Dec 2012 19:11

Instrument :
BNA_J
ClientSampleId :
PB67346BS

Tgt Ion:	159	Resp:	879219
Ion Ratio	Lower	Upper	
159	100		
174	43.2	26.4	66.4
108	9.5	0.0	29.6
50	21.4	3.3	43.3



#14
p-Chlorophenylmethylsulfone
Concen: 9.01 ug/mL
RT: 7.798 min Scan# 405
Delta R.T. 0.014 min
Lab File: BJ001329.D
Acq: 10 Dec 2012 19:11

Tgt Ion:	111	Resp:	1071676
Ion Ratio	Lower	Upper	
111	100		
75	40.7	27.3	67.3
127	41.2	17.0	57.0
190	29.9	0.8	40.8

