

Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
 Data File : BJ001150.D
 Acq On : 24 Sep 2012 17:37
 Operator : HLM
 Sample : CWA-ICV
 Misc : CWA STD BNA_J HLM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 ICVBJ092412

Quant Time: Oct 05 08:23:13 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Thu Sep 27 17:24:36 2012
 Response via : Initial Calibration

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

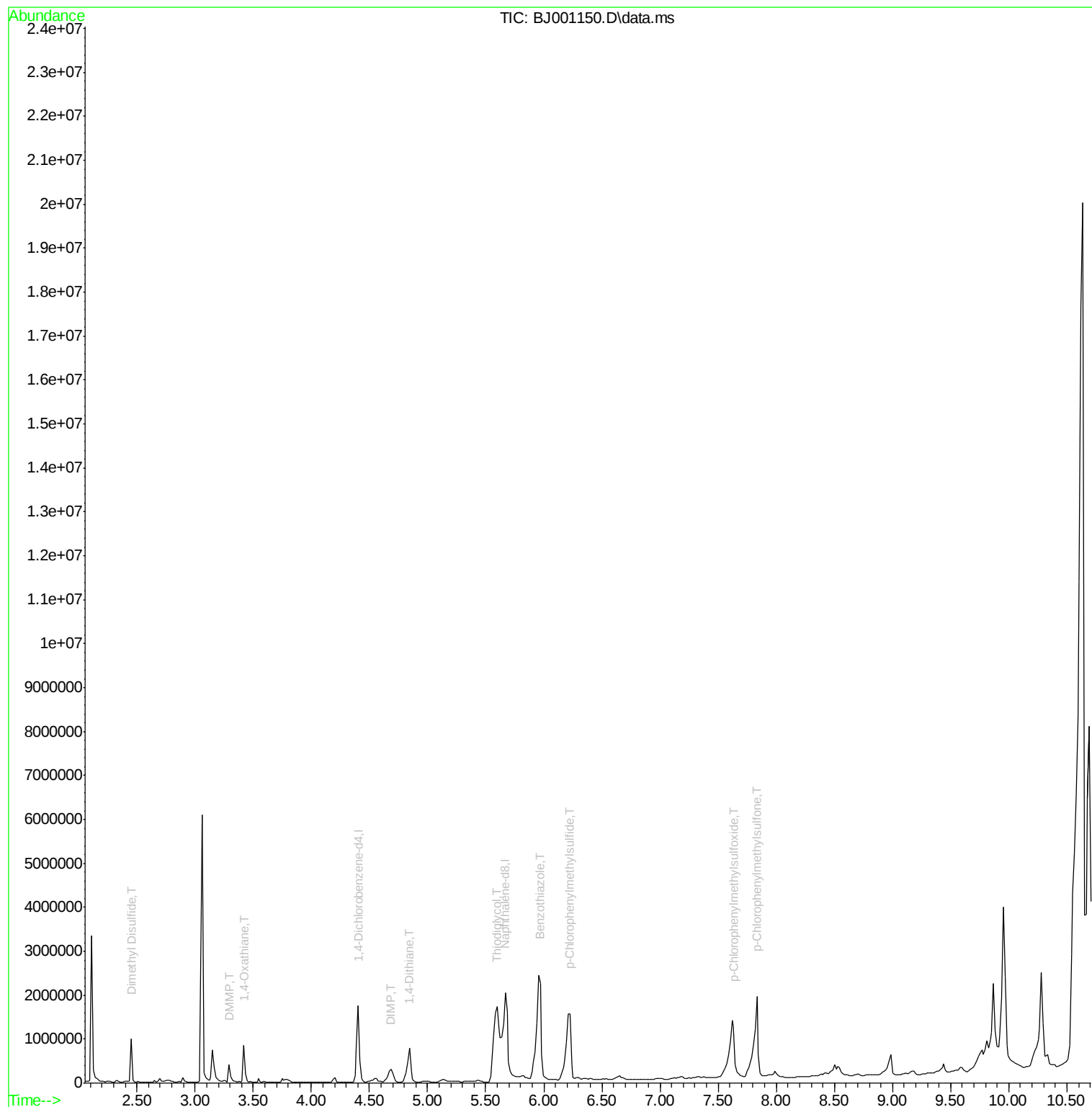
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.402	152	500749	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.669	136	2305695	2.00	ug/mL	-0.01
System Monitoring Compounds						
10) Tripropylphosphate	6.680	99	3824	0.00	ug/mL	-0.07
Spiked Amount 0.500	Range 70 - 130		Recovery	=	0.00%#	
12) 2-Bromothioanisole	0.000	204	0	0.00	ug/mL	
Spiked Amount 5.000	Range 70 - 130		Recovery	=	0.00%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.453	94	265192	1.30	ug/mL	91
3) DMMP	3.292	79	108647	0.61	ug/mL	82
4) DIMP	4.687	97	281610	0.64	ug/mL	91
5) 1,4-Oxathiane	3.420	46	289199	1.44	ug/mL#	71
7) 1,4-Dithiane	4.844	46	216485	1.24	ug/mL#	77
8) Thiodiglycol	5.598	61	1774257	10.96	ug/mL	97
9) Benzothiazole	5.968	135	2686293	4.00	ug/mL	97
11) p-Chlorophenylmethyisu...	6.224	158	897465	2.45	ug/mL	86
13) p-Chlorophenylmethyisu...	7.633	159	713113	3.11	ug/mL#	92
14) p-Chlorophenylmethyisu...	7.832	111	964182	2.83	ug/mL	99

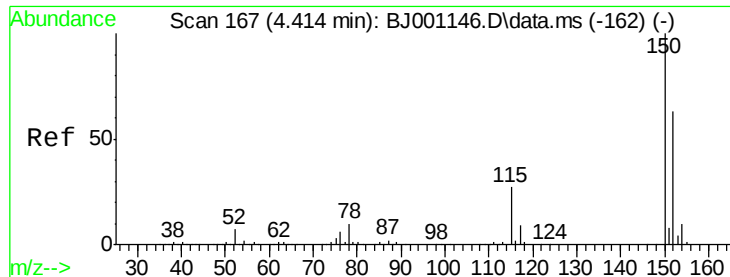
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.402 min Scan# 16

Delta R.T. -0.012 min

Lab File: BJ001150.D

Acq: 24 Sep 2012 17:37

Instrument :

BNA_J

ClientSampleId :

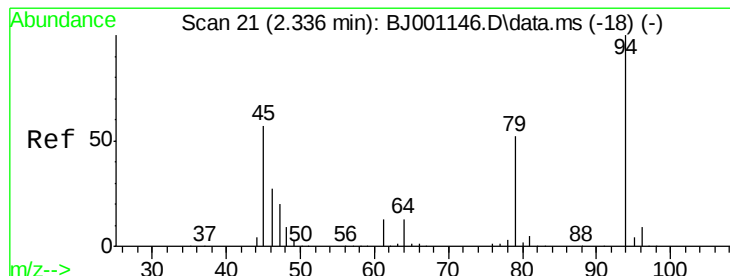
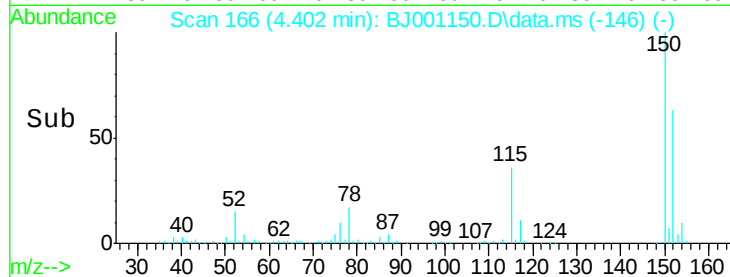
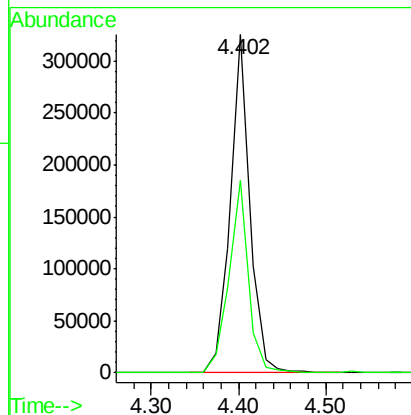
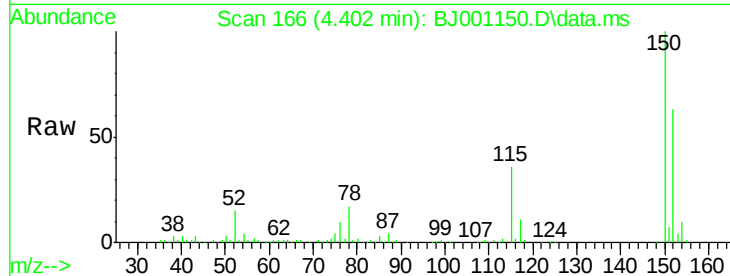
ICVBJ092412

Tgt Ion:152 Resp: 500749

Ion Ratio Lower Upper

152 100

115 56.7 22.8 62.8



#2

Dimethyl Disulfide

Concen: 1.30 ug/mL

RT: 2.453 min Scan# 29

Delta R.T. 0.117 min

Lab File: BJ001150.D

Acq: 24 Sep 2012 17:37

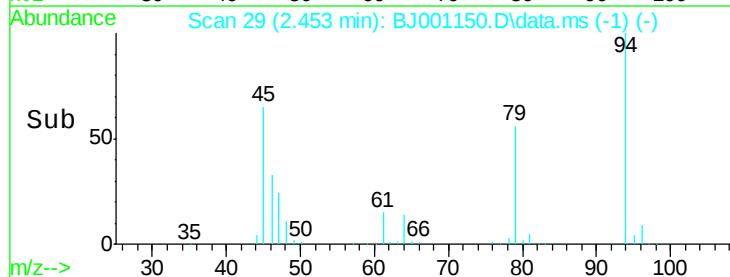
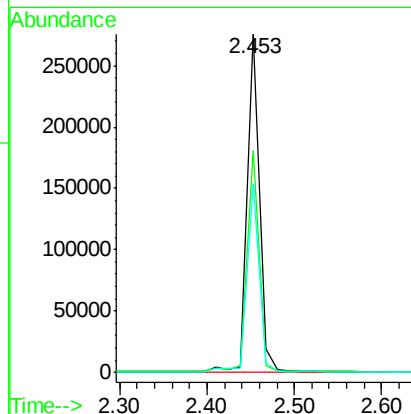
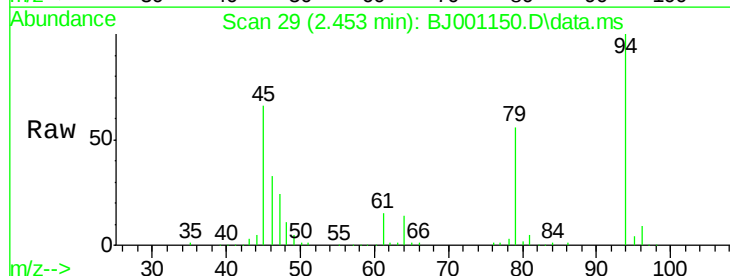
Tgt Ion: 94 Resp: 265192

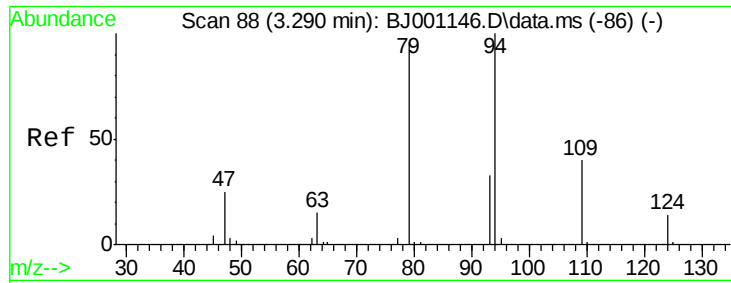
Ion Ratio Lower Upper

94 100

45 65.7 36.7 76.7

79 55.7 31.6 71.6

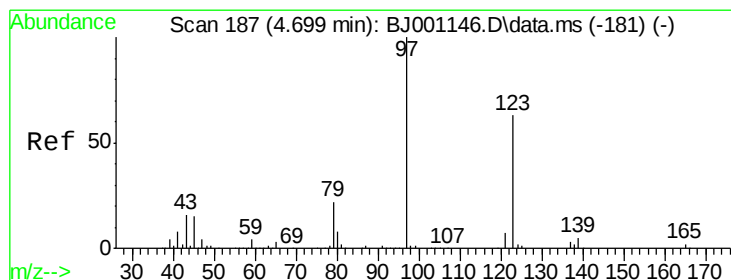
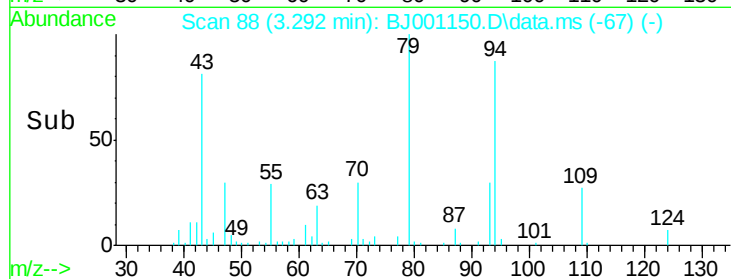
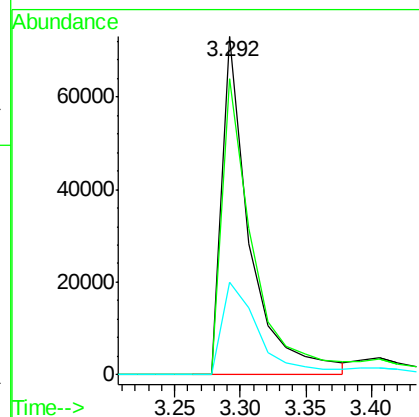
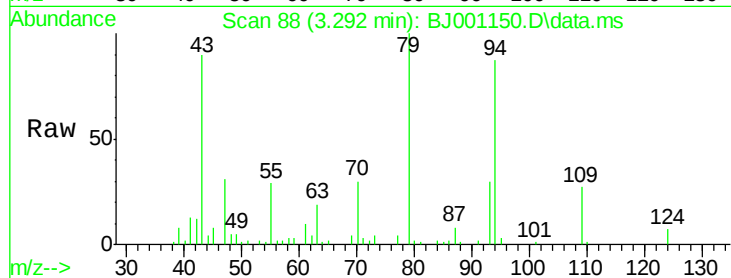




#3
DMMP
Concen: 0.61 ug/mL
RT: 3.292 min Scan# 88
Delta R.T. 0.003 min
Lab File: BJ001150.D
Acq: 24 Sep 2012 17:37

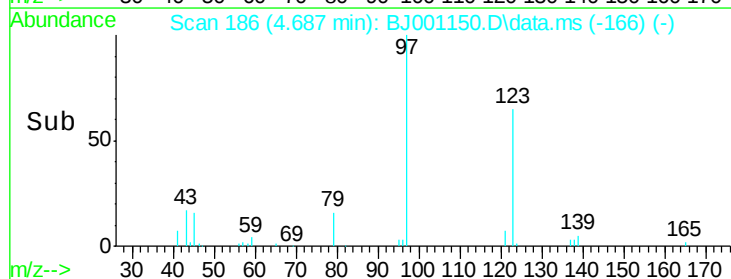
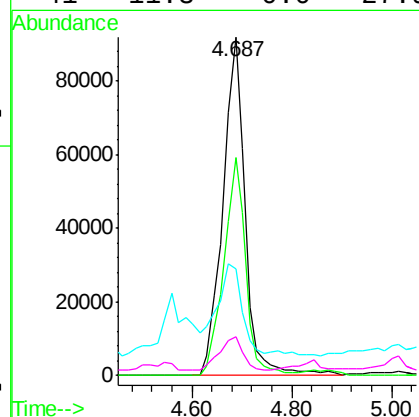
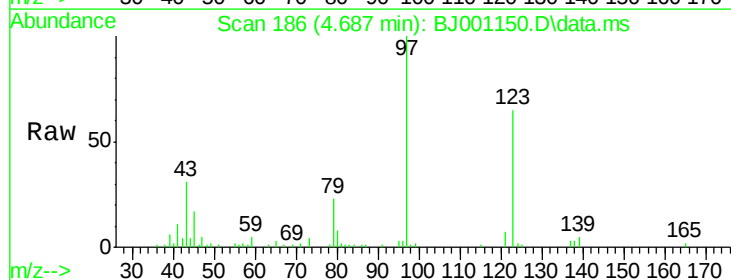
Instrument :
BNA_J
ClientSampleId :
ICVBJ092412

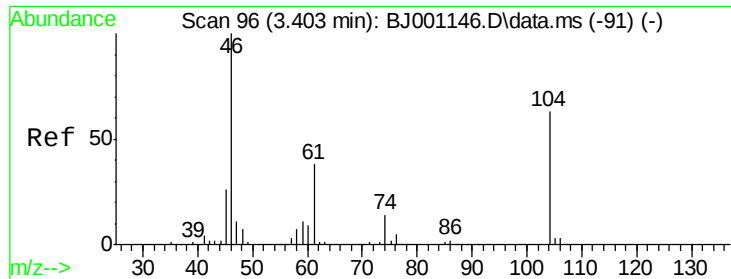
Tgt Ion: 79 Resp: 108647
Ion Ratio Lower Upper
79 100
94 87.5 83.7 123.7
109 27.3 21.5 61.5



#4
DIMP
Concen: 0.64 ug/mL
RT: 4.687 min Scan# 186
Delta R.T. -0.011 min
Lab File: BJ001150.D
Acq: 24 Sep 2012 17:37

Tgt Ion: 97 Resp: 281610
Ion Ratio Lower Upper
97 100
123 64.6 43.3 83.3
43 31.5 0.0 36.5
41 11.3 0.0 27.9

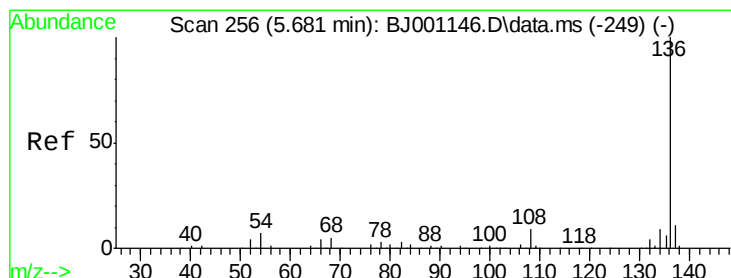
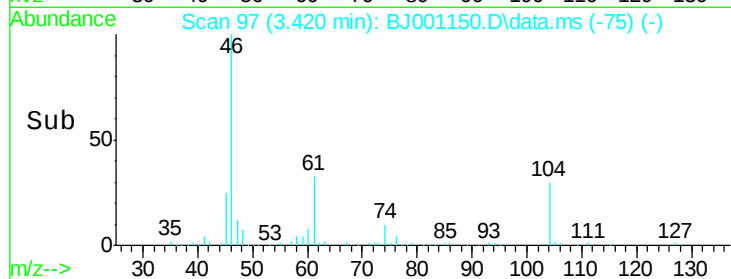
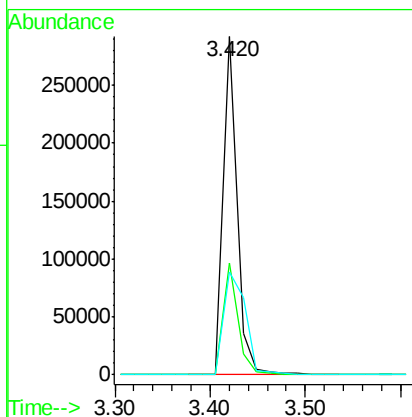
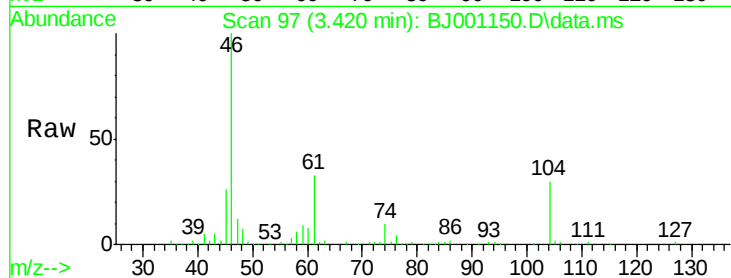




#5
 1,4-Oxathiane
 Concen: 1.44 ug/mL
 RT: 3.420 min Scan# 97
 Delta R.T. 0.017 min
 Lab File: BJ001150.D
 Acq: 24 Sep 2012 17:37

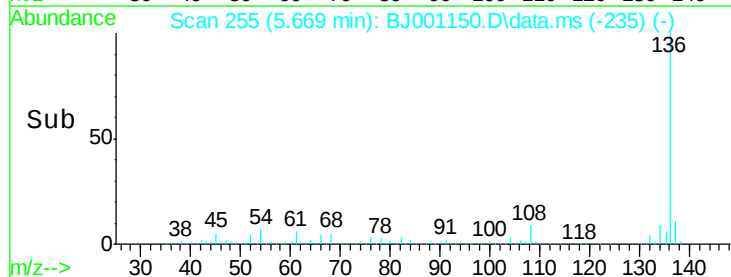
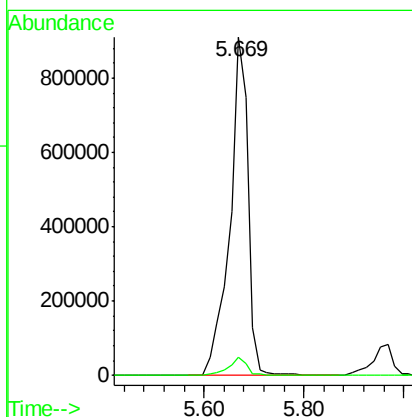
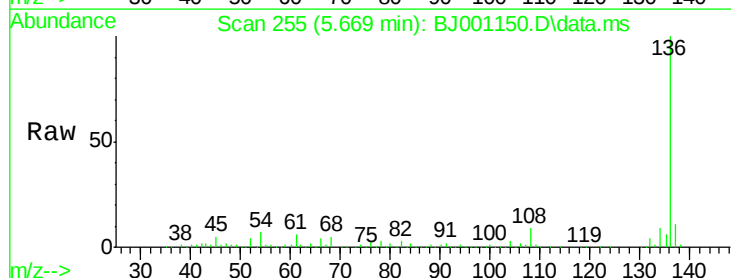
Instrument :
 BNA_J
 ClientSampleId :
 ICVBJ092412

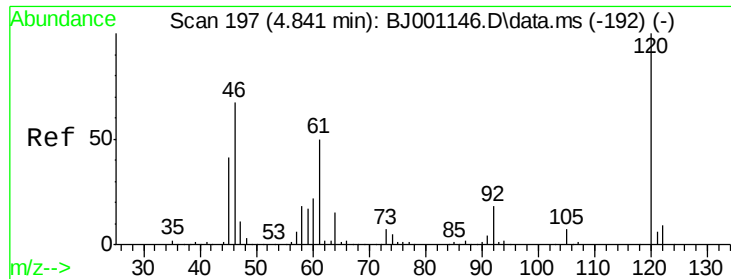
Tgt Ion: 46 Resp: 289199
 Ion Ratio Lower Upper
 46 100
 61 33.0 18.0 58.0
 104 30.3 43.0 83.0#



#6
 Naphthalene-d8
 Concen: 2.00 ug/mL
 RT: 5.669 min Scan# 255
 Delta R.T. -0.012 min
 Lab File: BJ001150.D
 Acq: 24 Sep 2012 17:37

Tgt Ion: 136 Resp: 2305695
 Ion Ratio Lower Upper
 136 100
 68 5.2 0.0 24.9





#7

1,4-Dithiane

Concen: 1.24 ug/mL

RT: 4.844 min Scan# 19

Delta R.T. 0.003 min

Lab File: BJ001150.D

Acq: 24 Sep 2012 17:37

Instrument :

BNA_J

ClientSampleId :

ICVBJ092412

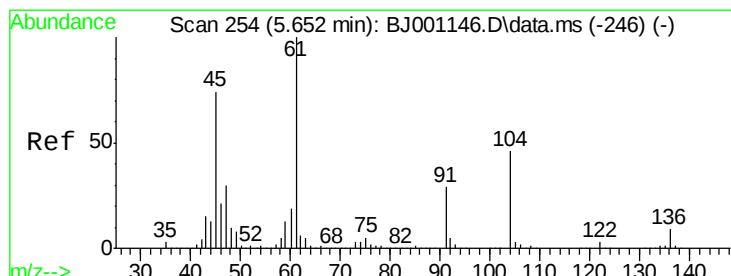
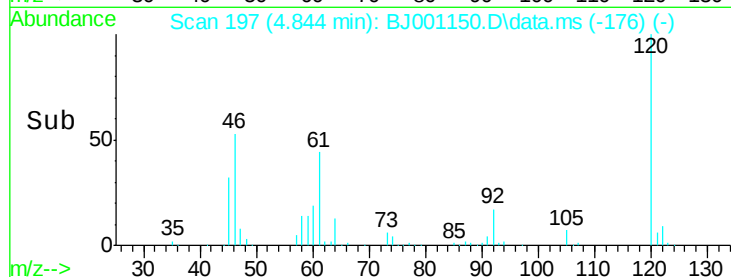
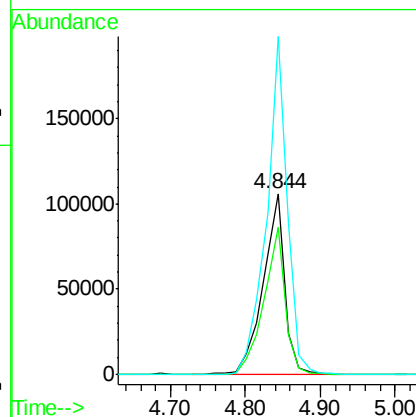
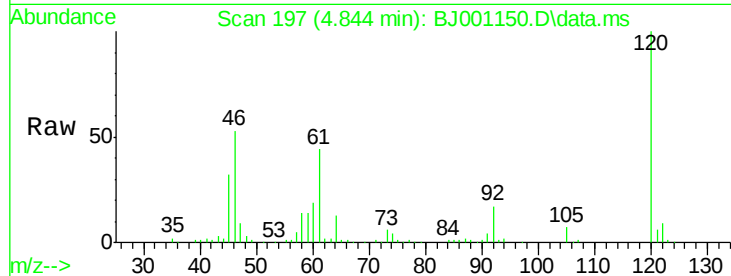
Tgt Ion: 46 Resp: 216485

Ion Ratio Lower Upper

46 100

61 81.8 54.6 94.6

120 186.9 129.2 169.2#



#8

Thiodiglycol

Concen: 10.96 ug/mL

RT: 5.598 min Scan# 250

Delta R.T. -0.054 min

Lab File: BJ001150.D

Acq: 24 Sep 2012 17:37

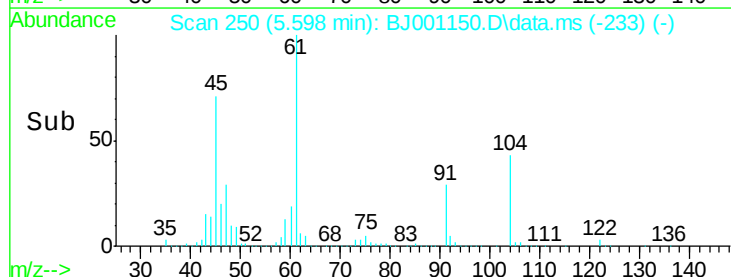
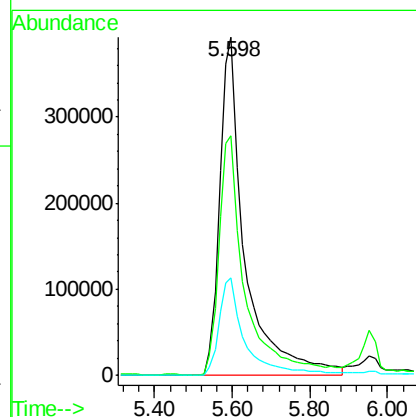
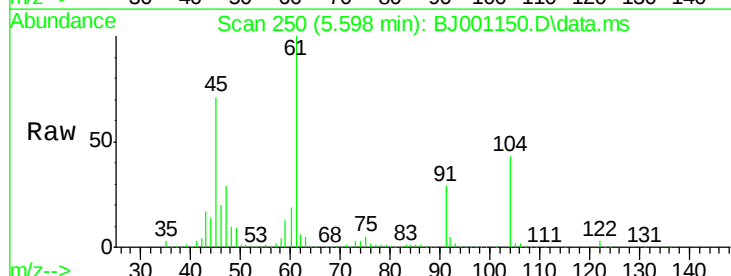
Tgt Ion: 61 Resp: 1774257

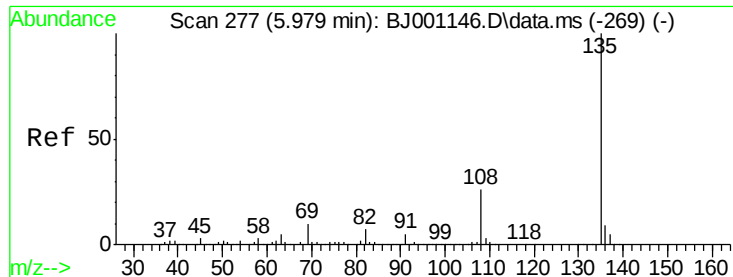
Ion Ratio Lower Upper

61 100

45 70.9 54.2 94.2

47 28.8 9.7 49.7





#9

Benzothiazole

Concen: 4.00 ug/mL

RT: 5.968 min Scan# 27

Delta R.T. -0.012 min

Lab File: BJ001150.D

Acq: 24 Sep 2012 17:37

Instrument :

BNA_J

ClientSampleId :

ICVBJ092412

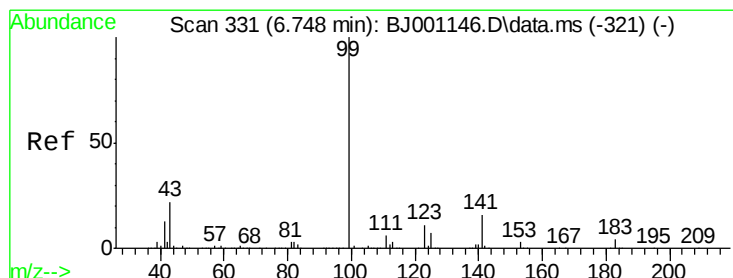
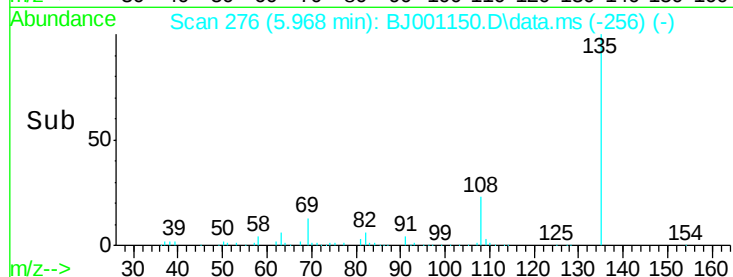
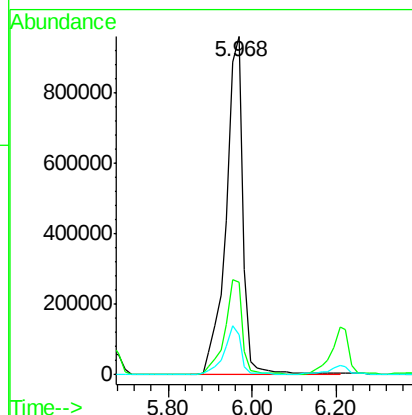
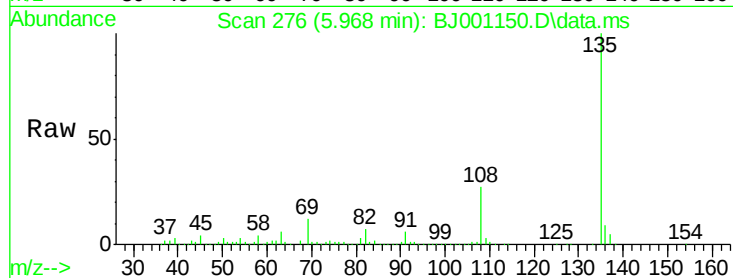
Tgt Ion:135 Resp: 2686293

Ion Ratio Lower Upper

135 100

108 27.4 6.2 46.2

69 12.0 0.0 30.4



#10

Tripropylphosphate

Concen: 0.00 ug/mL

RT: 6.680 min Scan# 326

Delta R.T. -0.069 min

Lab File: BJ001150.D

Acq: 24 Sep 2012 17:37

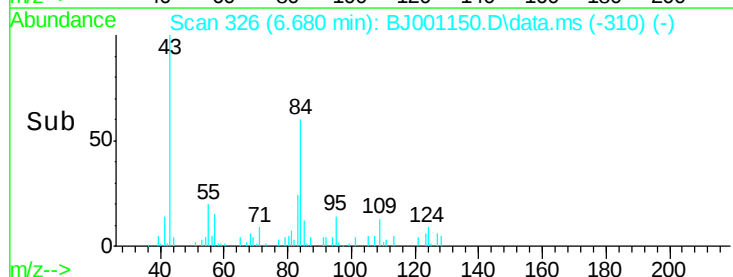
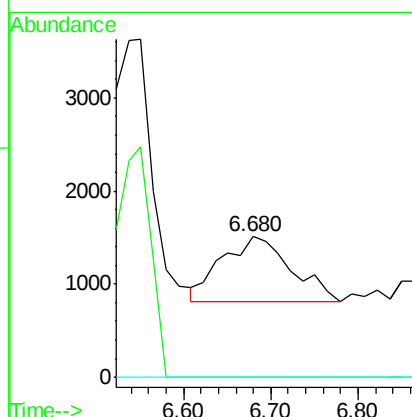
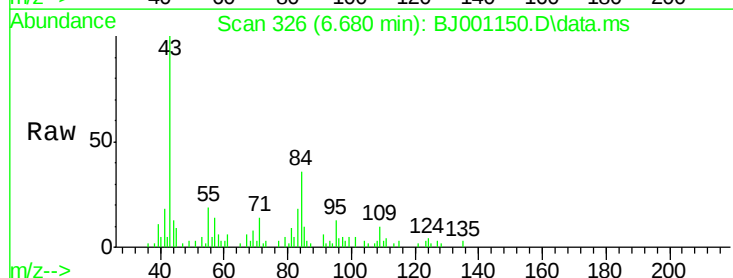
Tgt Ion: 99 Resp: 3824

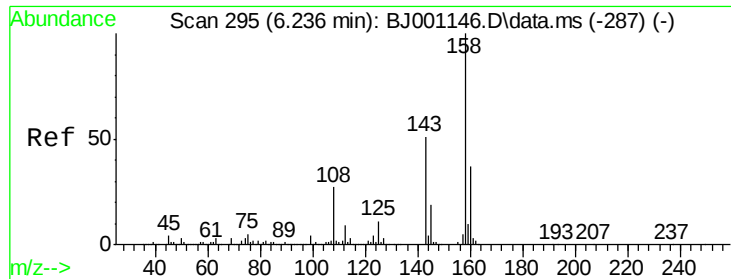
Ion Ratio Lower Upper

99 100

141 0.0 0.0 0.0

183 0.0 0.0 0.0

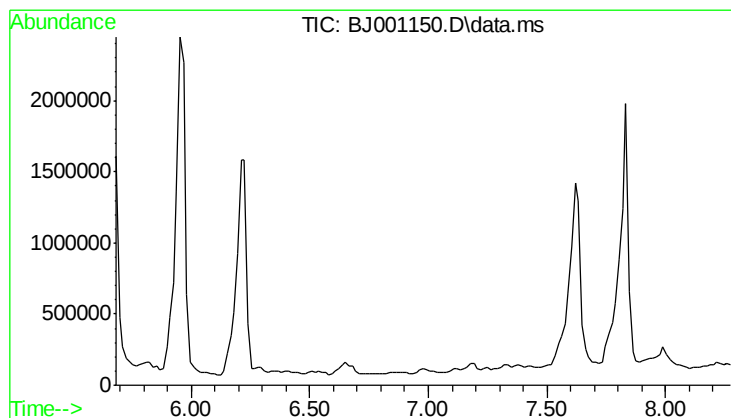
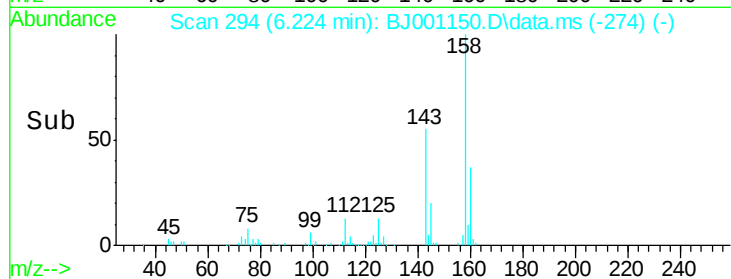
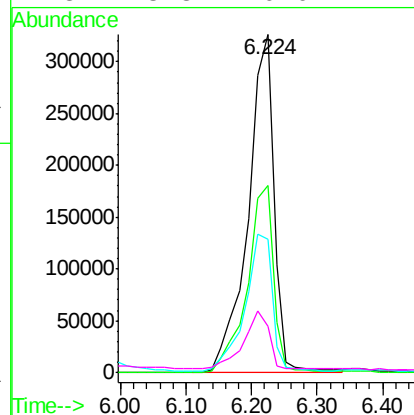
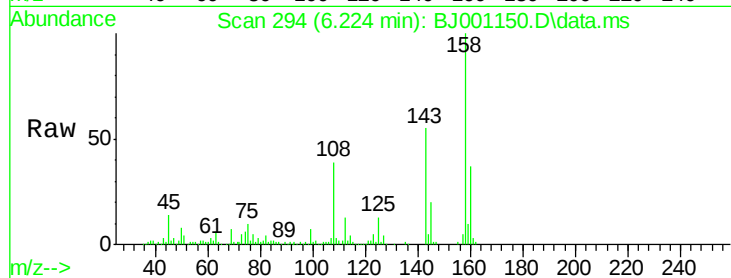




#11
p-Chlorophenylmethylsulfide
Concen: 2.45 ug/mL
RT: 6.224 min Scan# 29
Delta R.T. -0.012 min
Lab File: BJ001150.D
Acq: 24 Sep 2012 17:37

Instrument :
BNA_J
ClientSampleId :
ICVBJ092412

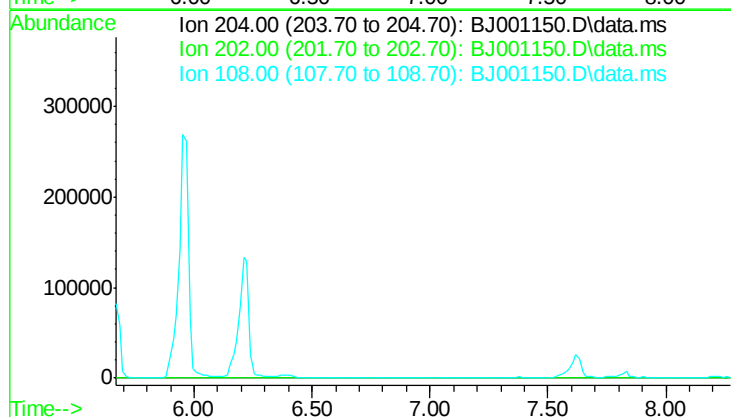
Tgt Ion:	158	Resp:	897465
Ion Ratio	Lower	Upper	
158	100		
143	55.3	30.6	70.6
108	39.4	6.9	46.9
45	13.8	0.0	24.3

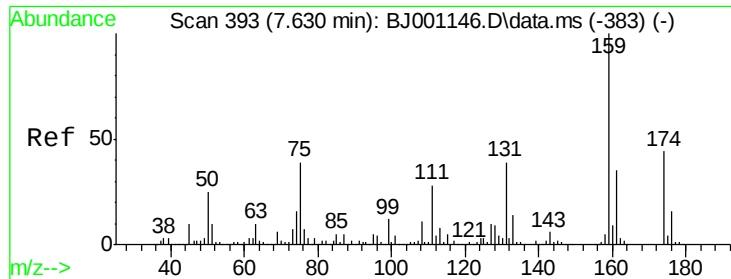


#12
2-Bromothioanisole
Concen: 0.00 ug/mL
Expected RT: 6.98 min

Lab File: BJ001150.D
Acq: 24 Sep 2012 17:37

Tgt Ion:	204
Sig	Exp Ratio
204	100
202	98.1
108	69.1

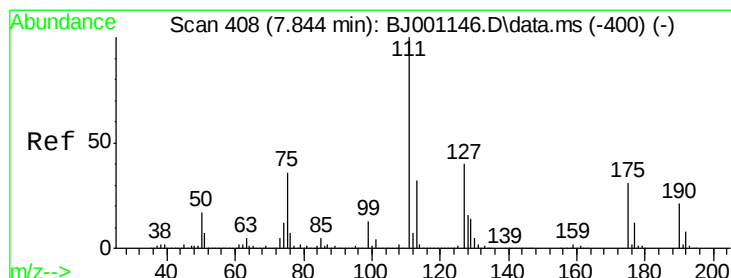
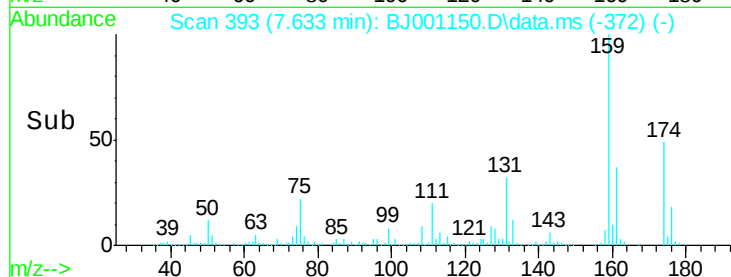
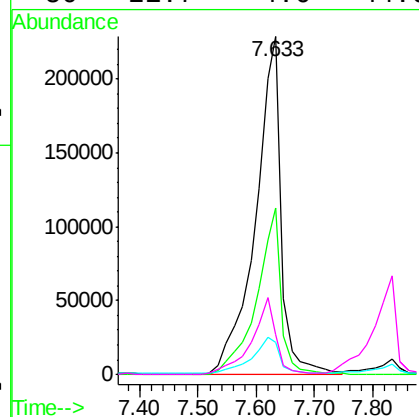
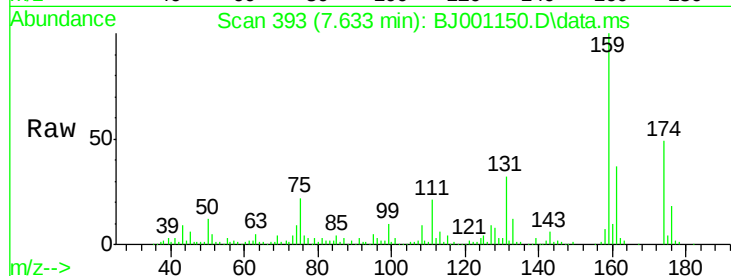




#13
p-Chlorophenylmethylsulfoxide
Concen: 3.11 ug/mL
RT: 7.633 min Scan# 391
Delta R.T. 0.003 min
Lab File: BJ001150.D
Acq: 24 Sep 2012 17:37

Instrument :
BNA_J
ClientSampleId :
ICVBJ092412

Tgt Ion:	159	Resp:	713113
Ion Ratio	Lower	Upper	
159	100		
174	46.8	0.0	20.4#
108	11.4	0.0	22.2
50	21.7	4.6	44.6



#14
p-Chlorophenylmethylsulfone
Concen: 2.83 ug/mL
RT: 7.832 min Scan# 407
Delta R.T. -0.011 min
Lab File: BJ001150.D
Acq: 24 Sep 2012 17:37

Tgt Ion:	111	Resp:	964182
Ion Ratio	Lower	Upper	
111	100		
75	35.1	16.1	56.1
127	39.0	19.6	59.6
190	22.2	1.2	41.2

