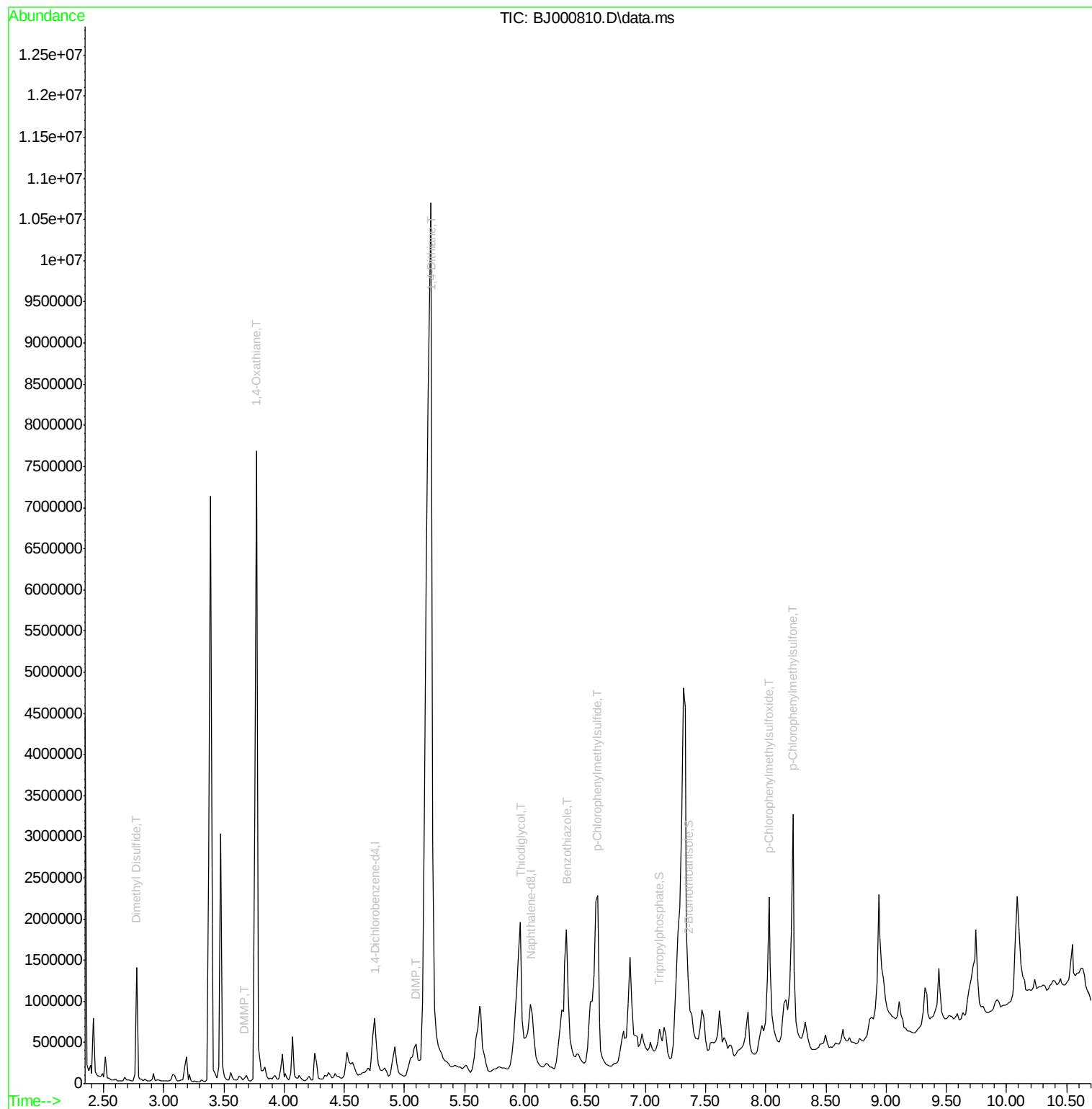
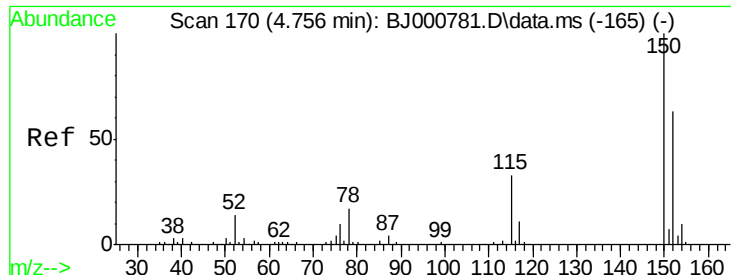


Data Path : Z:\HPCHEM1\BNA_J\data\BJ042612\
Data File : BJ000810.D
Acq On : 26 Apr 2012 23:33
Operator : HLM
Sample : D2330-10MS
Misc : WATER BNA_J HLM
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_J
ClientSampleId :
OFD-OF54-042012MS

Quant Time: May 03 01:35:23 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
Quant Title : CWA degradation products by GCMS
QLast Update : Fri Apr 27 11:32:02 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.752 min Scan# 17

Delta R.T. -0.012 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

Instrument :

BNA_J

ClientSampleId :

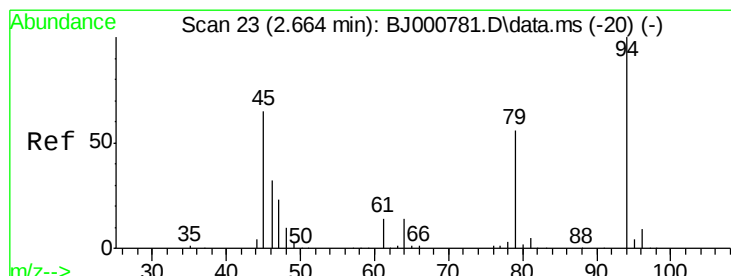
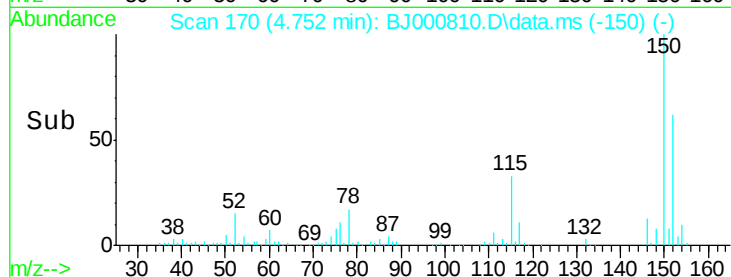
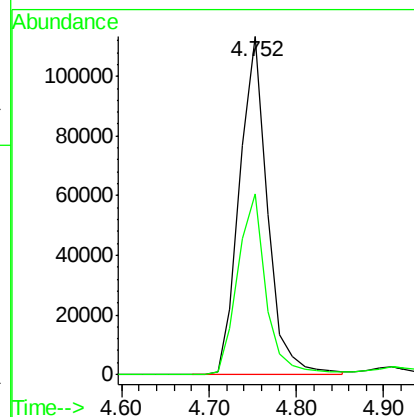
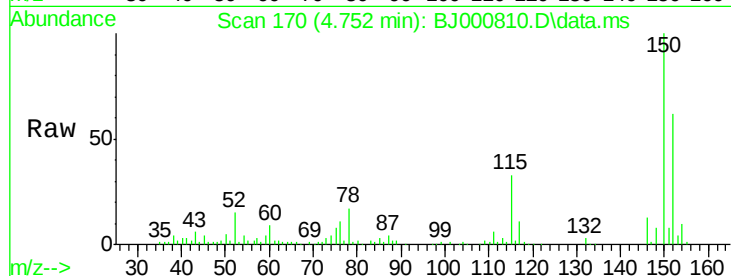
OFD-OF54-042012MS

Tgt Ion:152 Resp: 250046

Ion Ratio Lower Upper

152 100

115 53.3 24.2 64.2



#2

Dimethyl Disulfide

Concen: 5.07 ug/mL

RT: 2.774 min Scan# 31

Delta R.T. 0.102 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

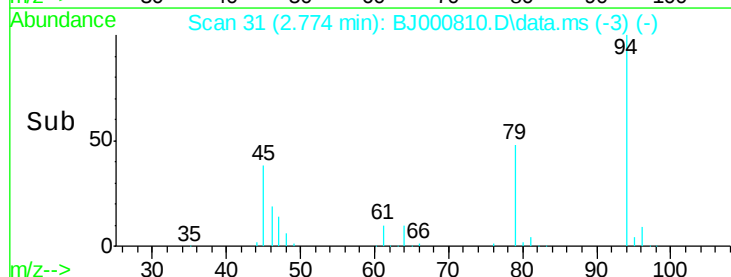
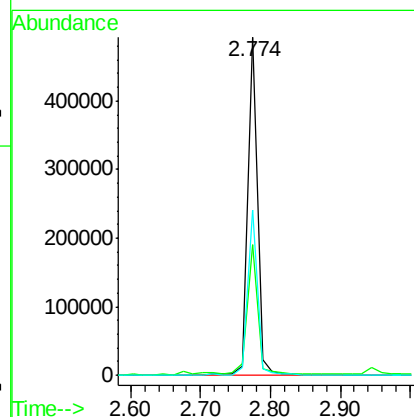
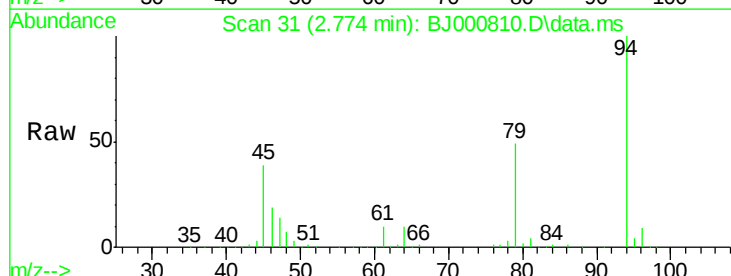
Tgt Ion: 94 Resp: 466523

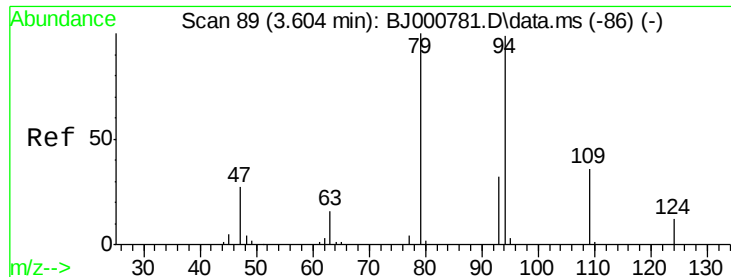
Ion Ratio Lower Upper

94 100

45 38.8 42.7 82.7#

79 48.8 35.3 75.3

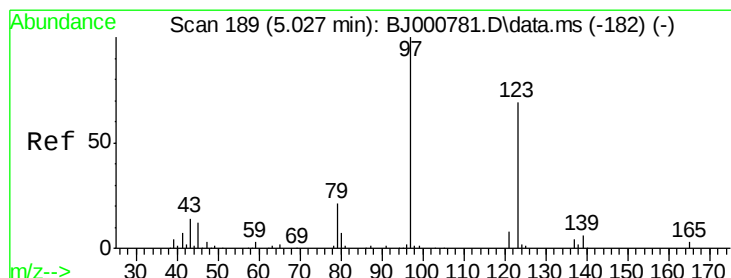
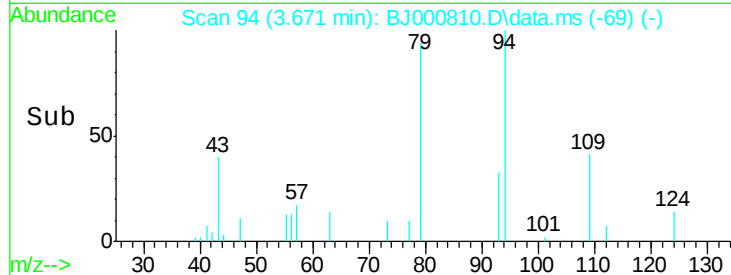
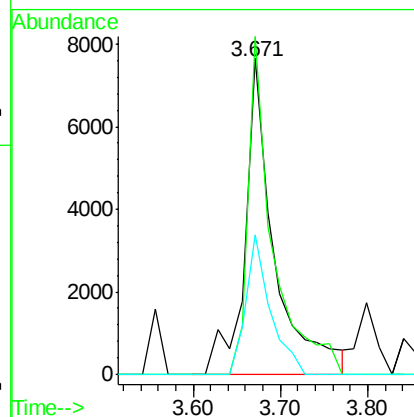
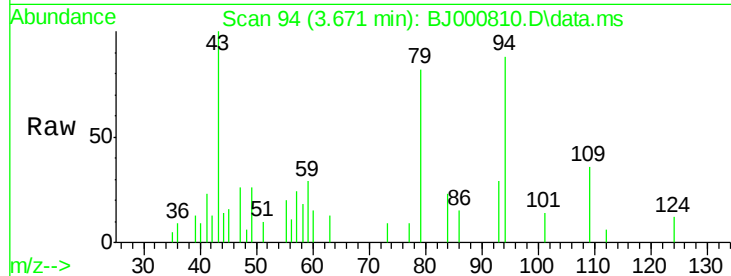




#3
DMMP
Concen: 0.32 ug/mL
RT: 3.671 min Scan# 94
Delta R.T. 0.059 min
Lab File: BJ000810.D
Acq: 26 Apr 2012 23:33

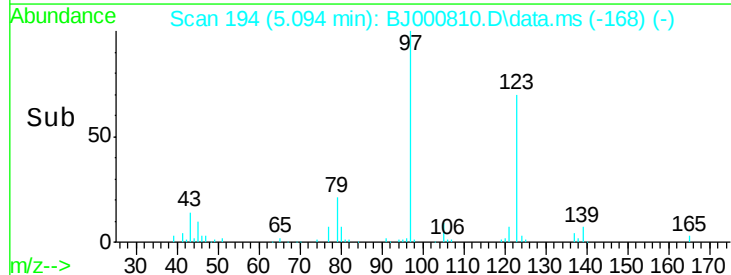
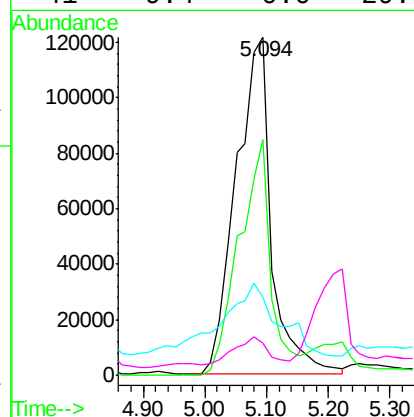
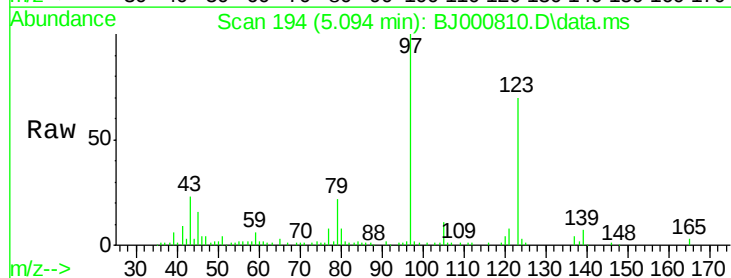
Instrument :
BNA_J
ClientSampleId :
OFD-OF54-042012MS

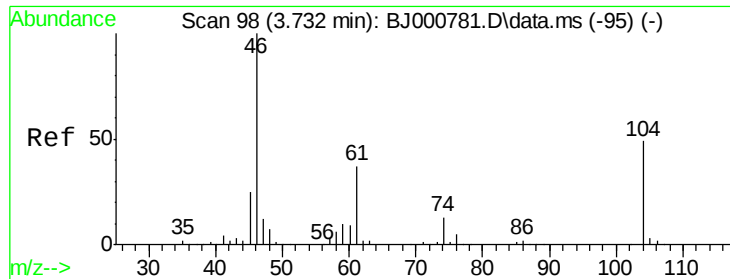
Tgt Ion: 79 Resp: 17929
Ion Ratio Lower Upper
79 100
94 106.8 85.9 125.9
109 44.2 20.8 60.8



#4
DIMP
Concen: 2.20 ug/mL
RT: 5.094 min Scan# 194
Delta R.T. 0.073 min
Lab File: BJ000810.D
Acq: 26 Apr 2012 23:33

Tgt Ion: 97 Resp: 485020
Ion Ratio Lower Upper
97 100
123 69.8 38.9 78.9
43 23.3 0.0 38.8
41 9.4 0.0 29.0

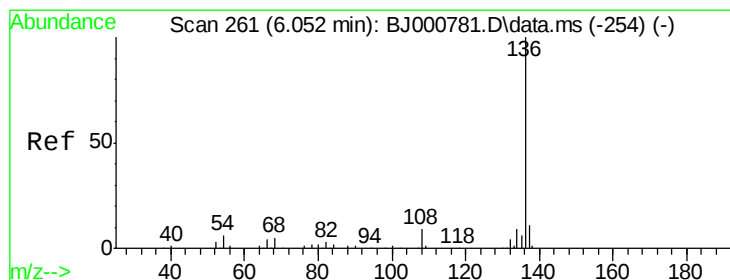
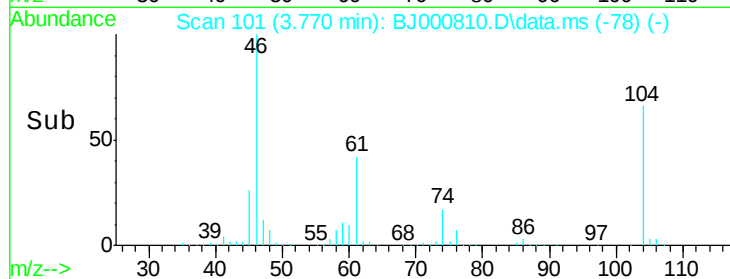
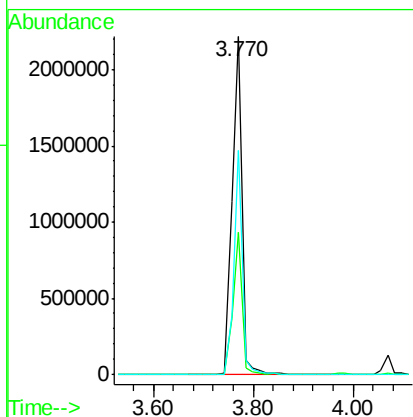
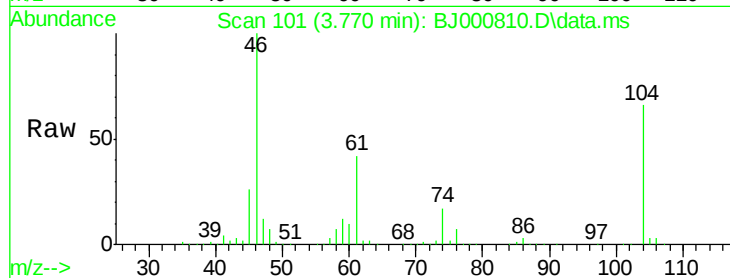




#5
 1,4-Oxathiane
 Concen: 34.38 ug/mL
 RT: 3.770 min Scan# 10
 Delta R.T. 0.031 min
 Lab File: BJ000810.D
 Acq: 26 Apr 2012 23:33

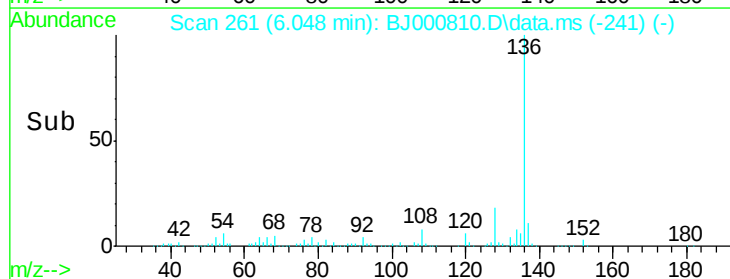
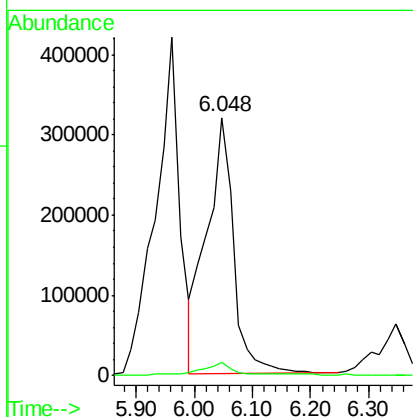
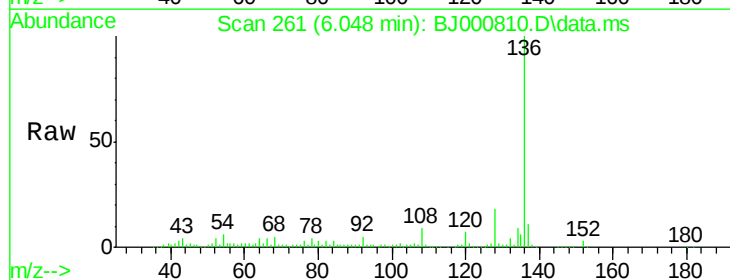
Instrument :
 BNA_J
 ClientSampleId :
 OFD-OF54-042012MS

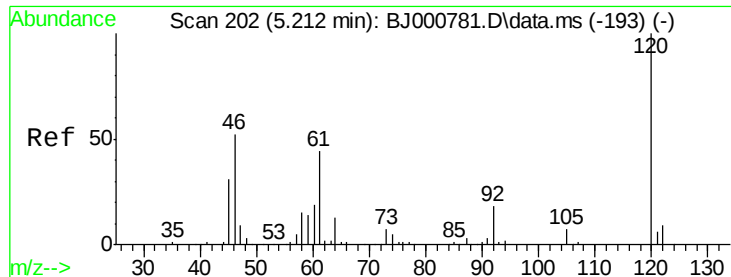
Tgt Ion: 46 Resp: 3049324
 Ion Ratio Lower Upper
 46 100
 61 42.2 23.6 63.6
 104 66.3 76.3 116.3#



#6
 Naphthalene-d8
 Concen: 2.00 ug/mL
 RT: 6.048 min Scan# 261
 Delta R.T. -0.012 min
 Lab File: BJ000810.D
 Acq: 26 Apr 2012 23:33

Tgt Ion: 136 Resp: 1032737
 Ion Ratio Lower Upper
 136 100
 68 4.8 0.0 23.3





#7

1,4-Dithiane

Concen: 79.29 ug/mL

RT: 5.222 min Scan# 20

Delta R.T. 0.016 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

Instrument :

BNA_J

ClientSampleId :

OFD-OF54-042012MS

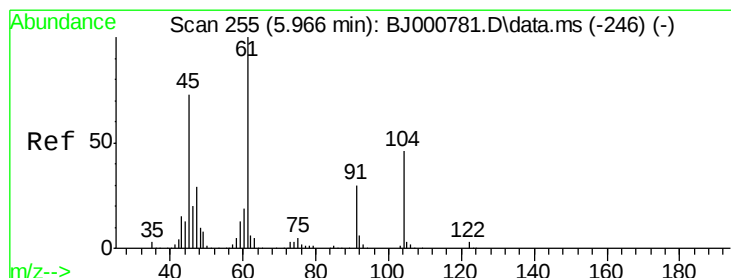
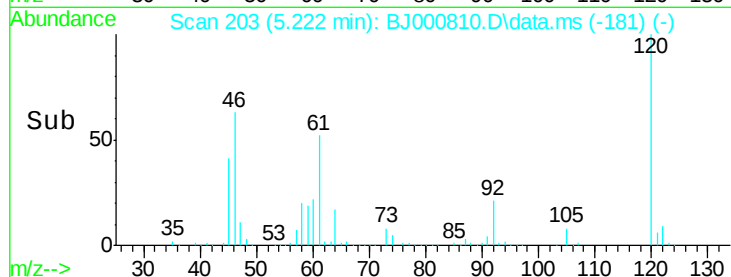
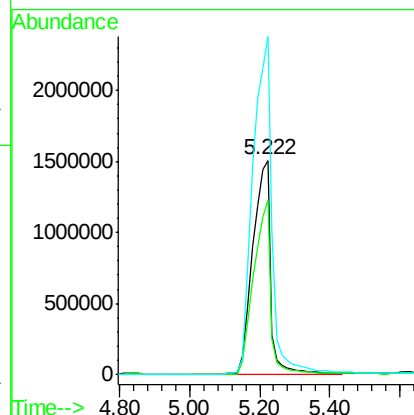
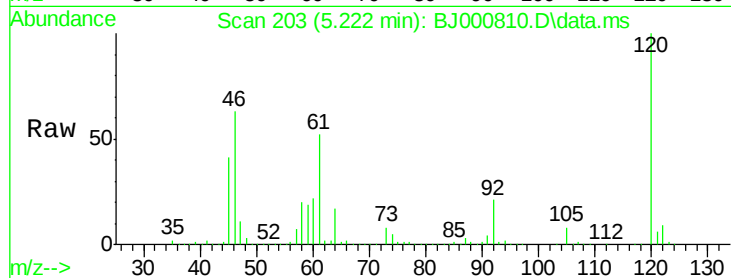
Tgt Ion: 46 Resp: 5408338

Ion Ratio Lower Upper

46 100

61 81.5 60.3 100.3

120 157.7 146.0 186.0



#8

Thiodiglycol

Concen: 5.04 ug/mL

RT: 5.962 min Scan# 255

Delta R.T. -0.012 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

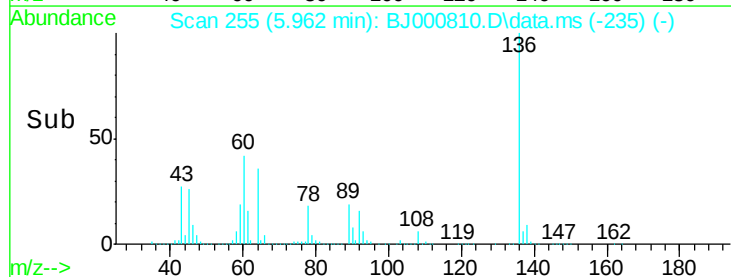
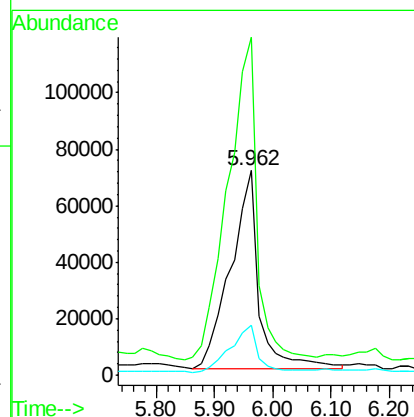
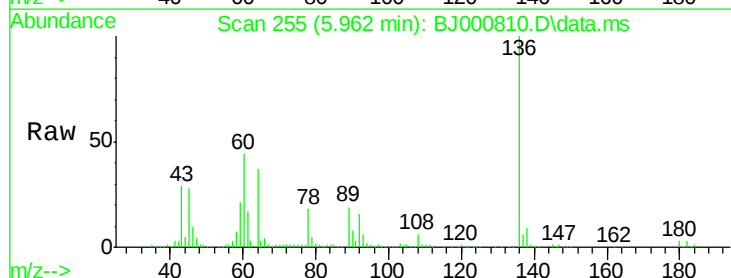
Tgt Ion: 61 Resp: 238057

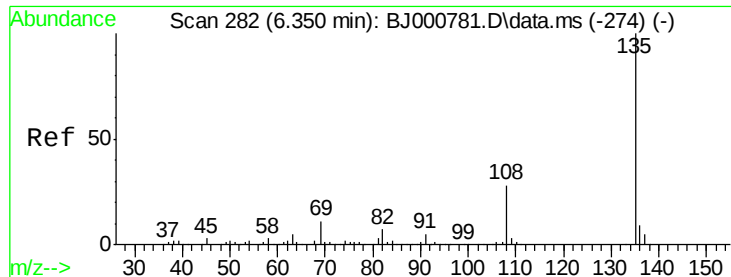
Ion Ratio Lower Upper

61 100

45 165.1 50.6 90.6#

47 24.3 8.3 48.3





#9

Benzothiazole

Concen: 9.96 ug/mL

RT: 6.346 min Scan# 28

Delta R.T. 0.002 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

Instrument :

BNA_J

ClientSampleId :

OFD-OF54-042012MS

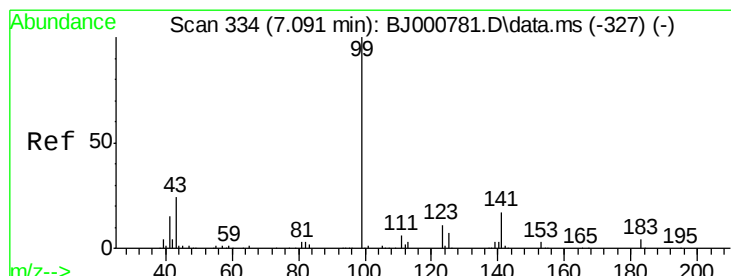
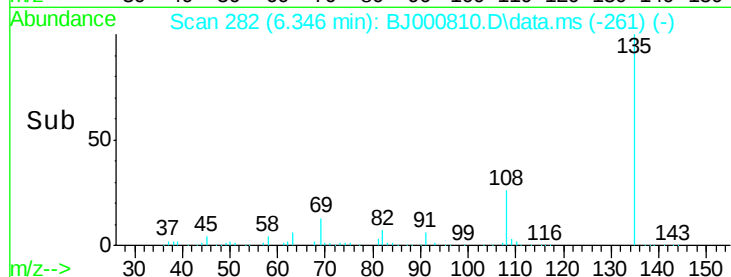
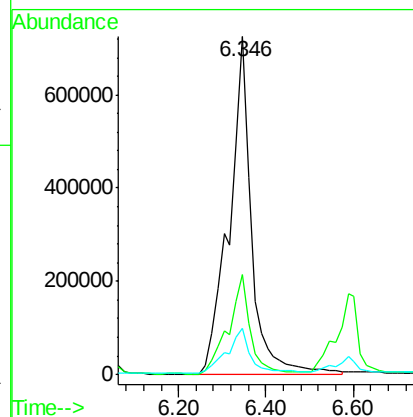
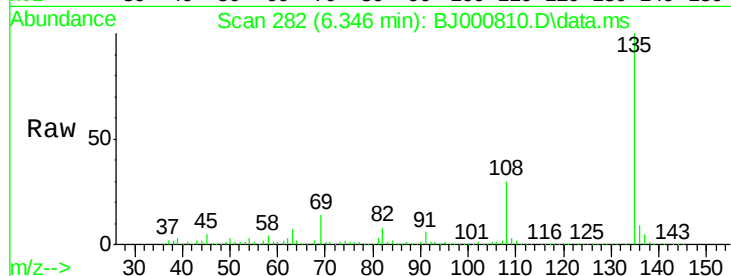
Tgt Ion:135 Resp: 2559931

Ion Ratio Lower Upper

135 100

108 29.5 11.1 51.1

69 13.6 0.0 34.6



#10

Tripropylphosphate

Concen: 0.59 ug/mL

RT: 7.115 min Scan# 336

Delta R.T. 0.016 min

Lab File: BJ000810.D

Acq: 26 Apr 2012 23:33

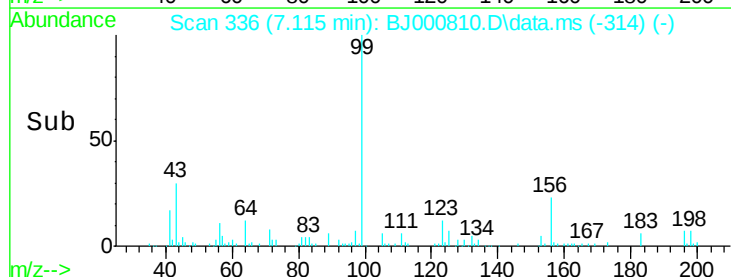
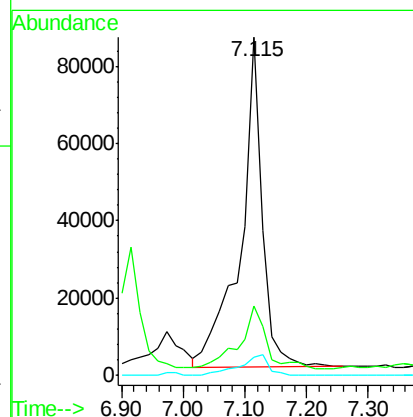
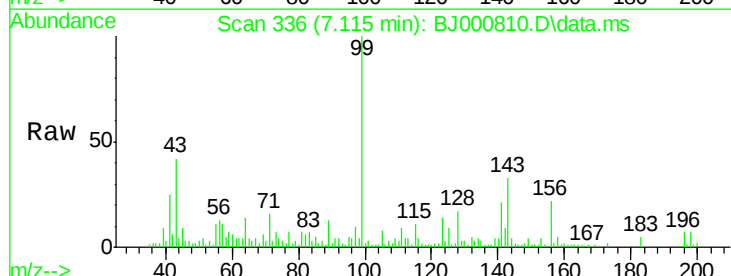
Tgt Ion: 99 Resp: 208157

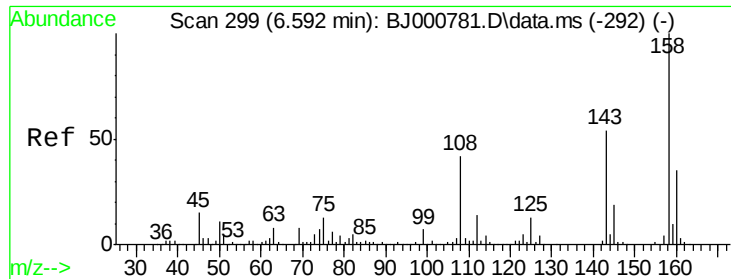
Ion Ratio Lower Upper

99 100

141 24.2 18.7 28.1

183 8.2 6.1 9.1

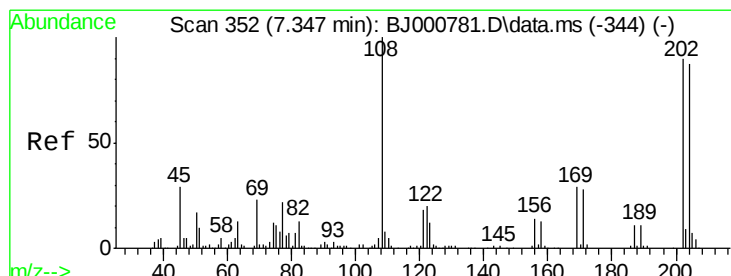
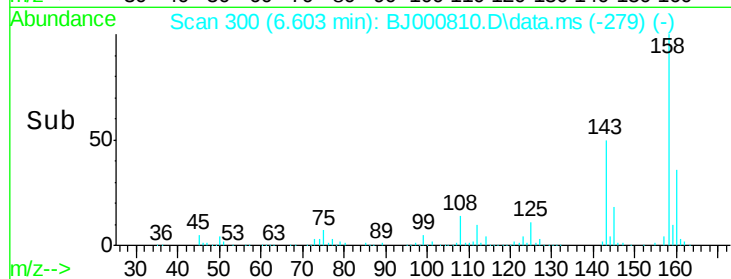
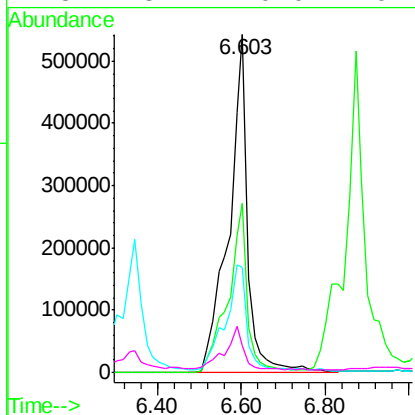
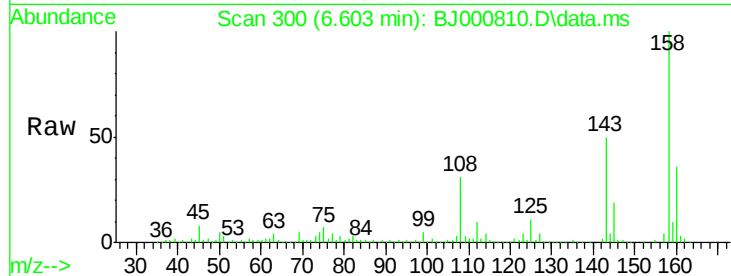




#11
p-Chlorophenylmethylsulfide
Concen: 9.58 ug/mL
RT: 6.603 min Scan# 30
Delta R.T. 0.002 min
Lab File: BJ000810.D
Acq: 26 Apr 2012 23:33

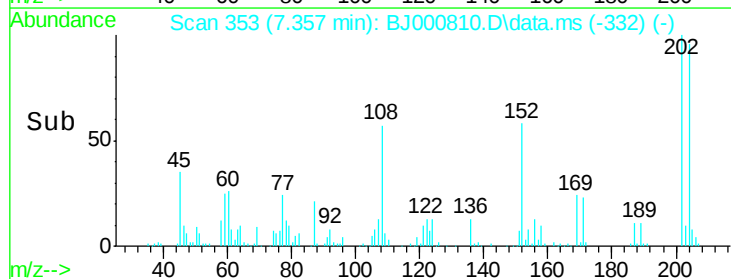
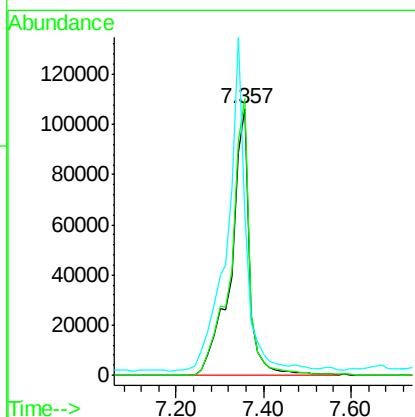
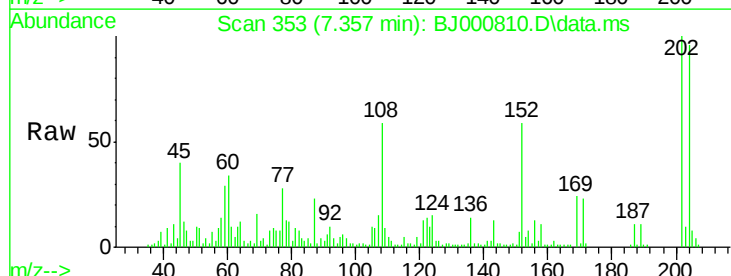
Instrument :
BNA_J
ClientSampleId :
OFD-OF54-042012MS

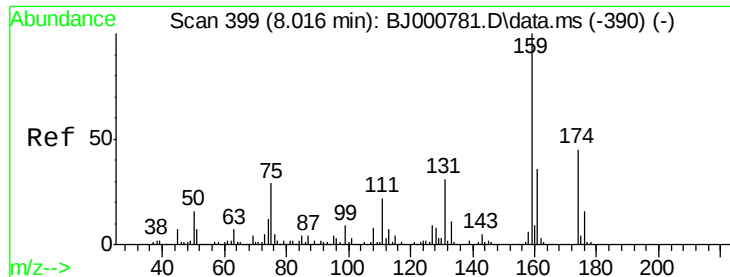
Tgt Ion:	158	Resp:	1703435
Ion	Ratio	Lower	Upper
158	100		
143	49.9	30.8	70.8
108	31.0	14.1	54.1
45	8.1	0.0	29.1



#12
2-Bromothioanisole
Concen: 4.60 ug/mL
RT: 7.357 min Scan# 353
Delta R.T. 0.002 min
Lab File: BJ000810.D
Acq: 26 Apr 2012 23:33

Tgt Ion:	204	Resp:	311471
Ion	Ratio	Lower	Upper
204	100		
202	103.8	82.8	122.8
108	60.9	49.2	89.2

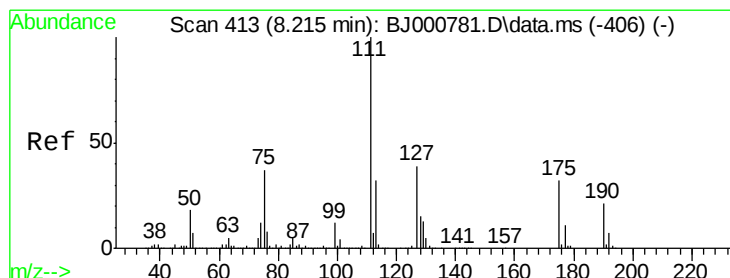
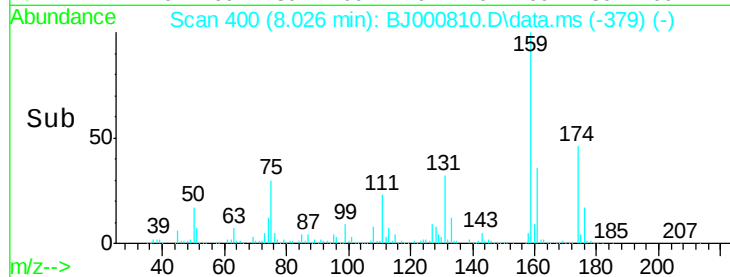
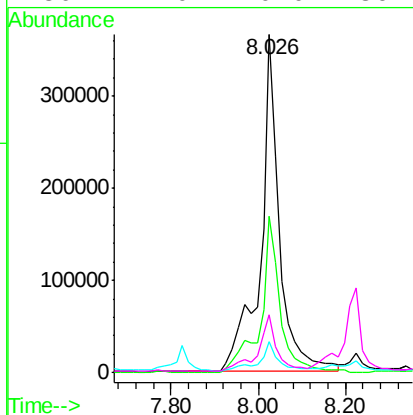
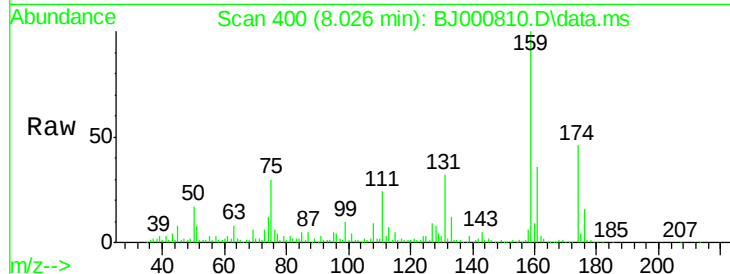




#13
p-Chlorophenylmethylsulfoxide
Concen: 11.26 ug/mL
RT: 8.026 min Scan# 40
Delta R.T. 0.002 min
Lab File: BJ000810.D
Acq: 26 Apr 2012 23:33

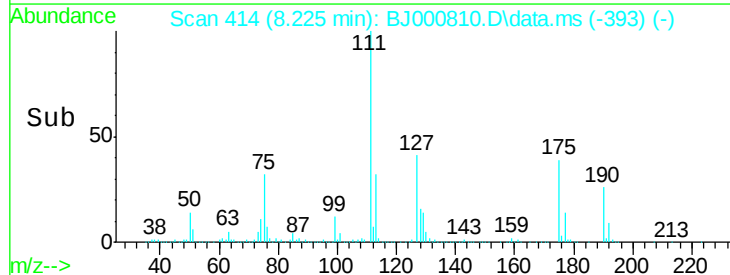
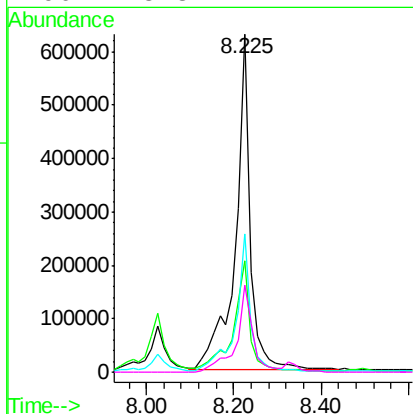
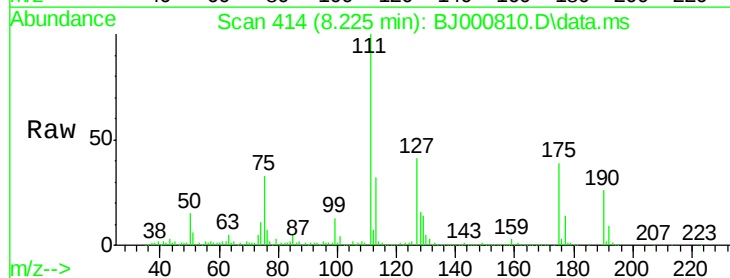
Instrument :
BNA_J
ClientSampleId :
OFD-OF54-042012MS

Tgt Ion:	159	Resp:	1117561
Ion	Ratio	Lower	Upper
159	100		
174	48.1	28.6	68.6
108	8.4	0.0	28.2
50	17.0	0.0	36.1



#14
p-Chlorophenylmethylsulfone
Concen: 9.97 ug/mL
RT: 8.225 min Scan# 414
Delta R.T. 0.002 min
Lab File: BJ000810.D
Acq: 26 Apr 2012 23:33

Tgt Ion:	111	Resp:	1458058
Ion	Ratio	Lower	Upper
111	100		
75	33.1	12.8	52.8
127	40.8	21.9	61.9
190	25.8	7.7	47.7



Data Path : Z:\HPCHEM1\BNA_J\data\BJ042612\
 Data File : BJ000810.D
 Acq On : 26 Apr 2012 23:33
 Operator : HLM
 Sample : D2330-10MS
 Misc : WATER BNA_J HLM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 OFD-OF54-042012MS

Quant Time: May 03 01:35:23 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Apr 27 11:32:02 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.752	152	250046	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.048	136	1032737	2.00	ug/mL	-0.01
System Monitoring Compounds						
10) Tripropylphosphate	7.115	99	208157	0.59	ug/mL	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery	=	118.00%	
12) 2-Bromothioanisole	7.357	204	311471	4.60	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	92.00%	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.774	94	466523	5.07	ug/mL#	79
3) DMMP	3.671	79	17929	0.32	ug/mL	98
4) DIMP	5.094	97	485020	2.20	ug/mL	88
5) 1,4-Oxathiane	3.770	46	3049324	34.38	ug/mL#	78
7) 1,4-Dithiane	5.222	46	5408338	79.29	ug/mL	95
8) Thiodiglycol	5.962	61	238057	5.04	ug/mL#	16
9) Benzothiazole	6.346	135	2559931	9.96	ug/mL	97
11) p-Chlorophenylmethyisu...	6.603	158	1703435	9.58	ug/mL	97
13) p-Chlorophenylmethyisu...	8.026	159	1117561	11.26	ug/mL	99
14) p-Chlorophenylmethyisu...	8.225	111	1458058	9.97	ug/mL	98

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