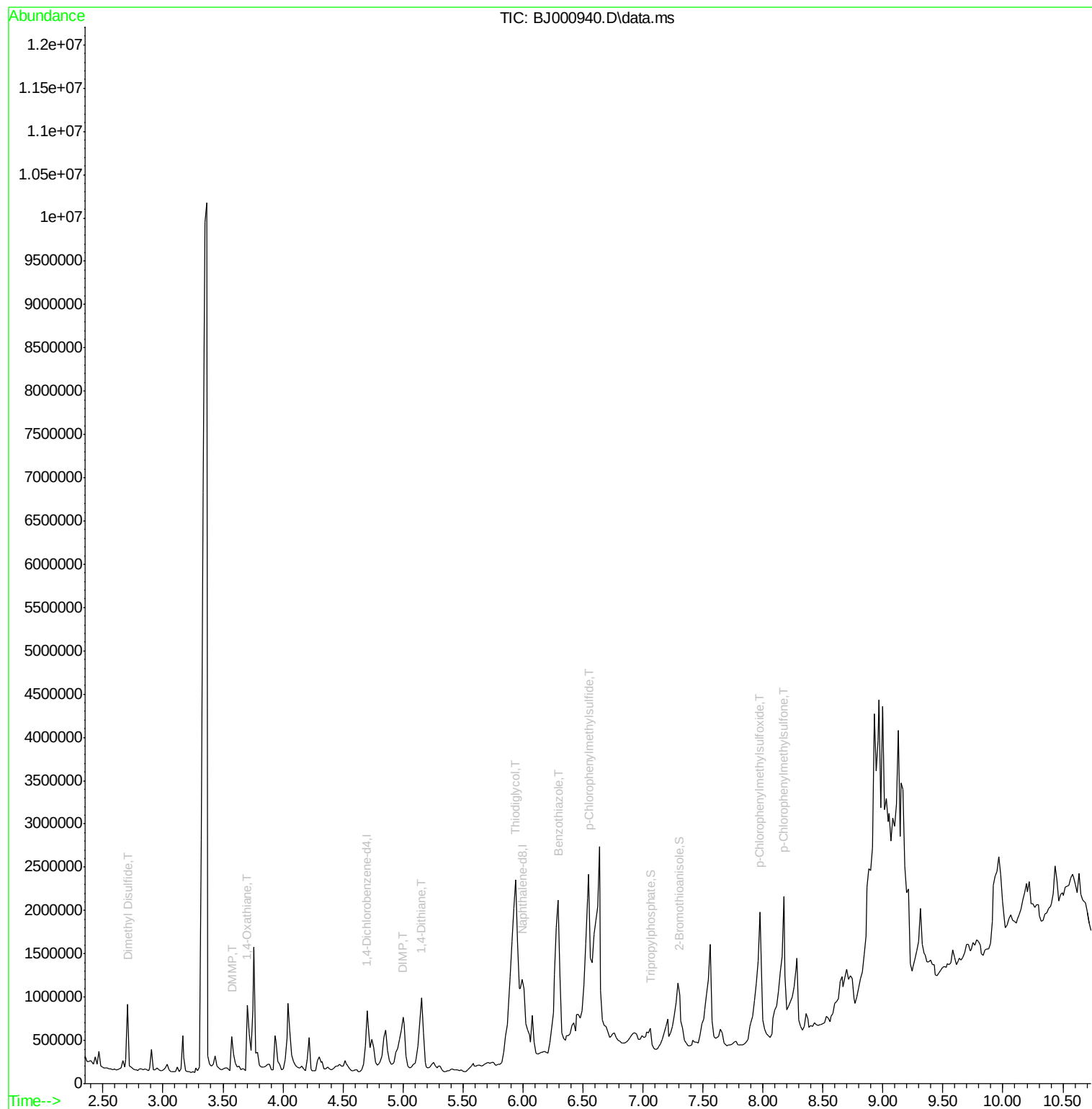
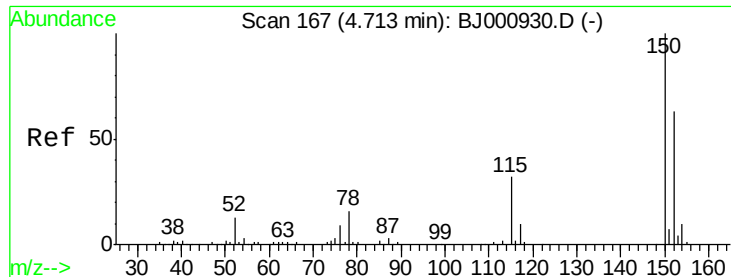


Data Path : Z:\HPCHEM1\BNA_J\data\BJ060812\
Data File : BJ000940.D
Acq On : 8 Jun 2012 17:25
Operator : HLM
Sample : D2917-01MS
Misc : SOIL BNA_J HLM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_J
ClientSampleId :
TC-053112MS

Quant Time: Jun 13 07:46:48 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
Quant Title : CWA degradation products by GCMS
QLast Update : Fri Jun 08 15:52:40 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.700 min Scan# 16

Delta R.T. -0.014 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

Instrument :

BNA_J

ClientSampleId :

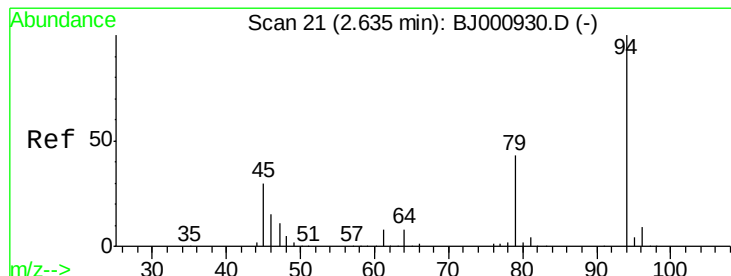
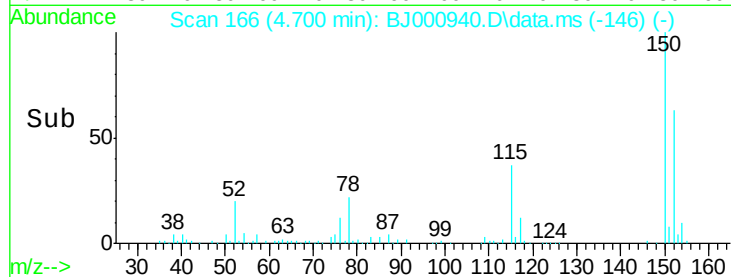
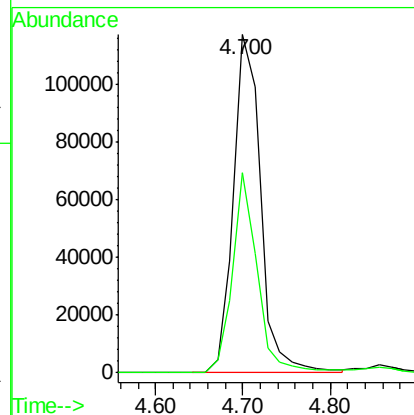
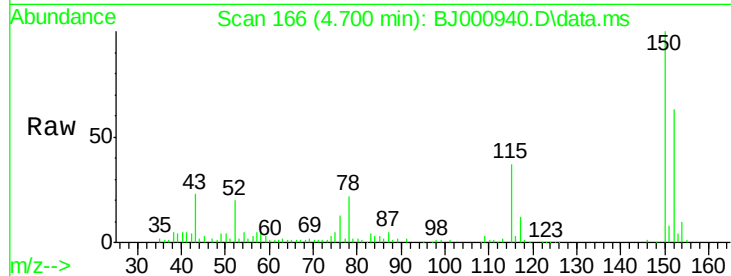
TC-053112MS

Tgt Ion:152 Resp: 250771

Ion Ratio Lower Upper

152 100

115 59.0 30.6 70.6



#2

Dimethyl Disulfide

Concen: 3.53 ug/mL

RT: 2.707 min Scan# 26

Delta R.T. 0.072 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

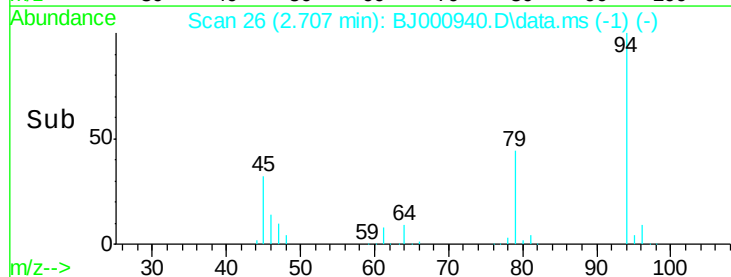
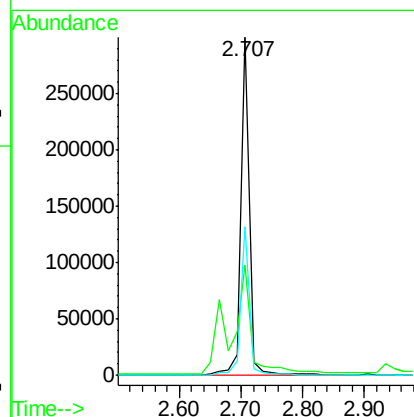
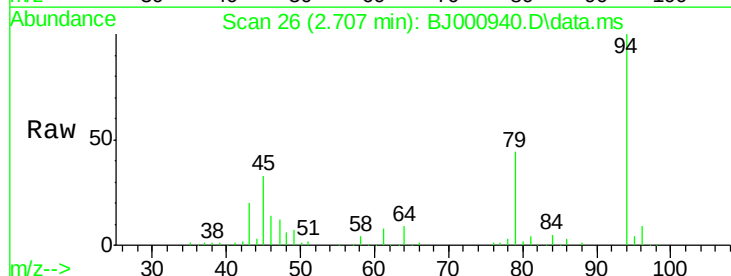
Tgt Ion: 94 Resp: 300406

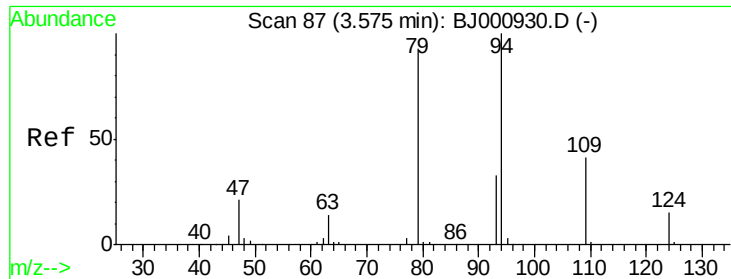
Ion Ratio Lower Upper

94 100

45 32.7 11.1 51.1

79 43.9 22.9 62.9

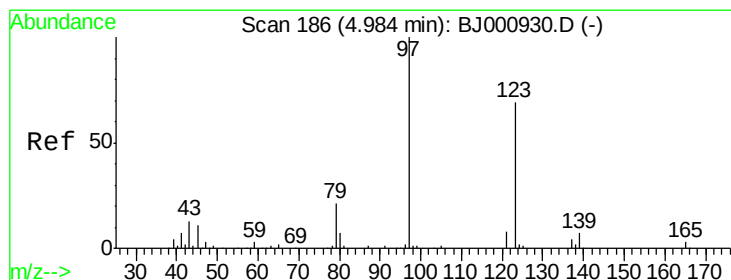
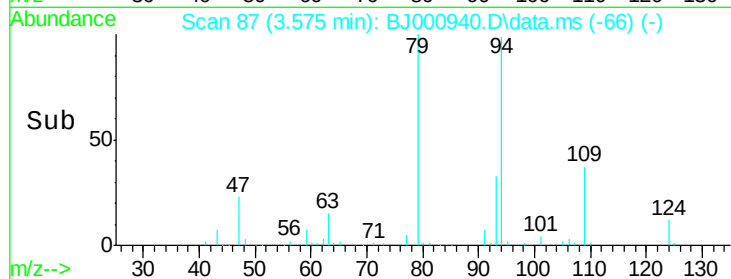
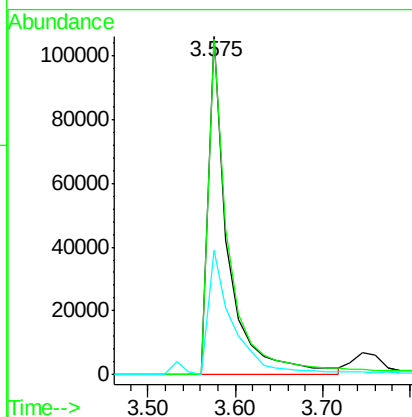
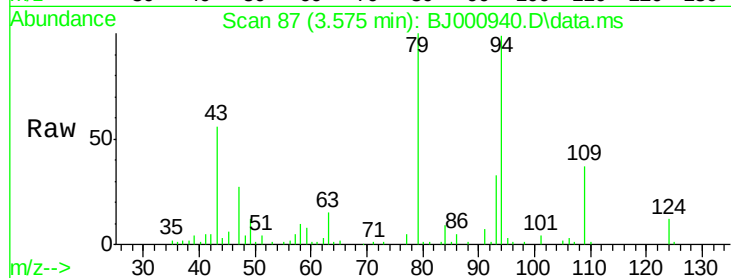




#3
DMMP
Concen: 1.81 ug/mL
RT: 3.575 min Scan# 87
Delta R.T. 0.001 min
Lab File: BJ000940.D
Acq: 8 Jun 2012 17:25

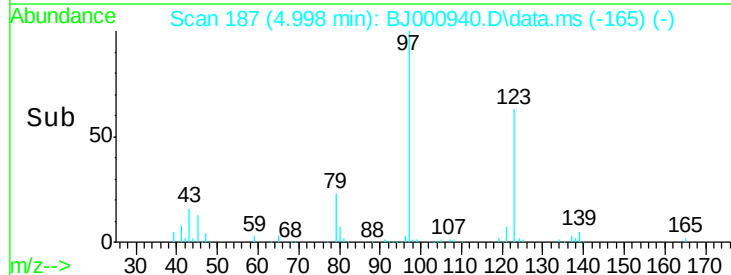
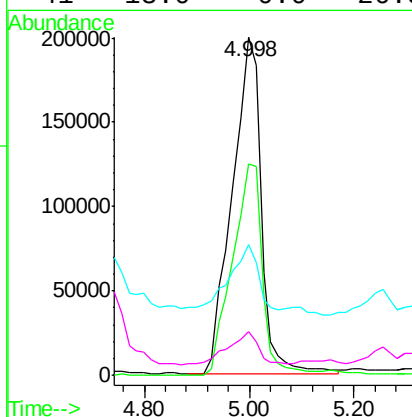
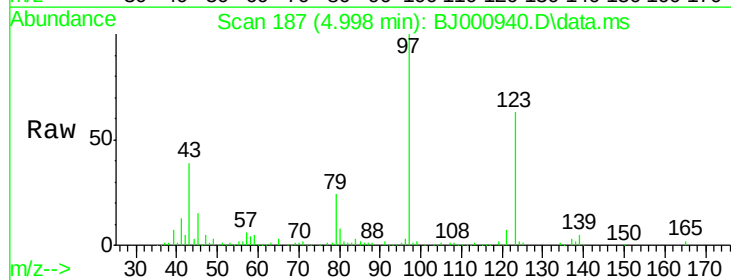
Instrument :
BNA_J
ClientSampleId :
TC-053112MS

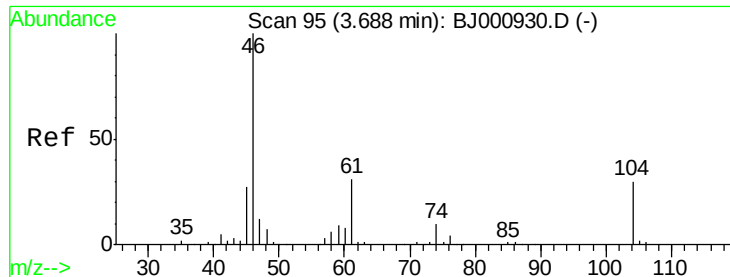
Tgt Ion: 79 Resp: 168688
Ion Ratio Lower Upper
79 100
94 99.1 87.0 127.0
109 36.8 24.1 64.1



#4
DIMP
Concen: 3.59 ug/mL
RT: 4.998 min Scan# 187
Delta R.T. 0.015 min
Lab File: BJ000940.D
Acq: 8 Jun 2012 17:25

Tgt Ion: 97 Resp: 769249
Ion Ratio Lower Upper
97 100
123 62.6 49.1 89.1
43 38.5 0.0 33.2#
41 13.0 0.0 26.5





#5

1,4-Oxathiane

Concen: 3.92 ug/mL

RT: 3.703 min Scan# 96

Delta R.T. 0.015 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

Instrument :

BNA_J

ClientSampleId :

TC-053112MS

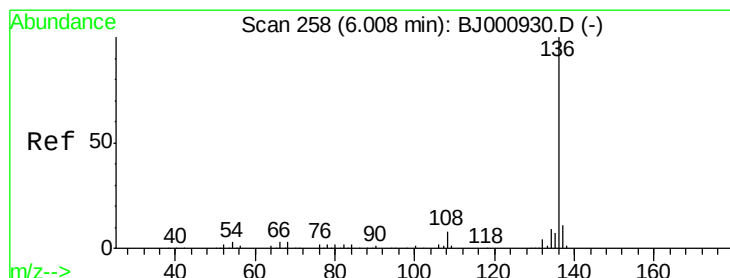
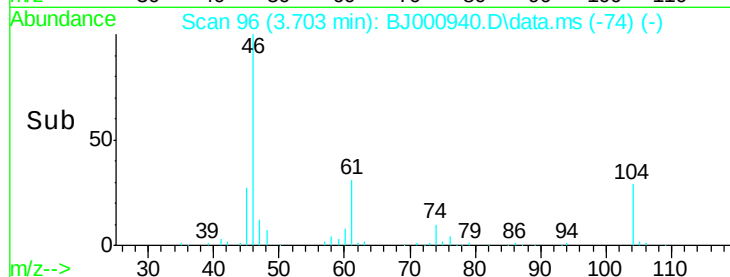
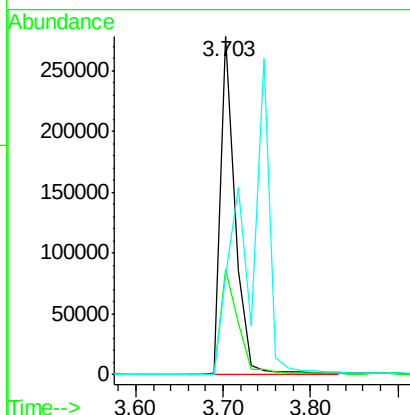
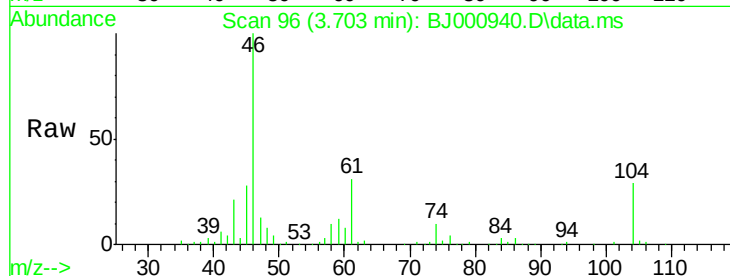
Tgt Ion: 46 Resp: 328316

Ion Ratio Lower Upper

46 100

61 31.1 11.2 51.2

104 29.1 10.0 50.0



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.995 min Scan# 257

Delta R.T. -0.013 min

Lab File: BJ000940.D

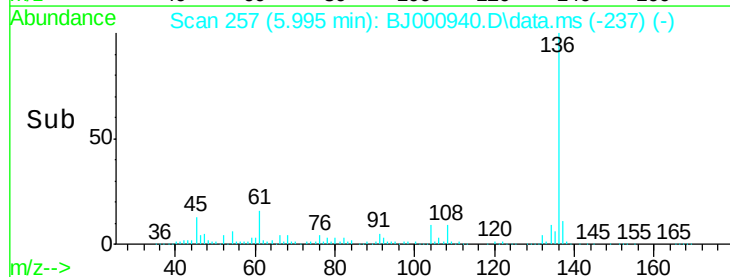
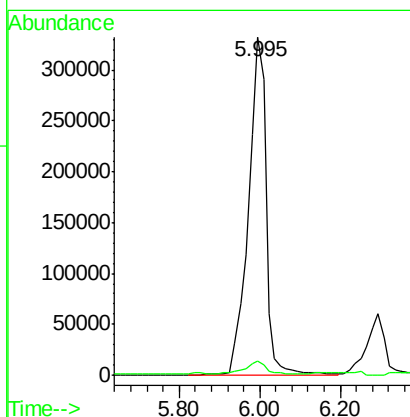
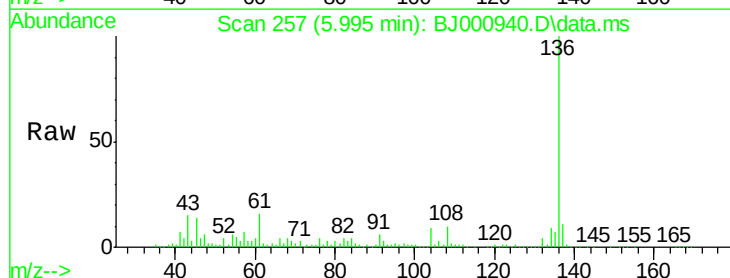
Acq: 8 Jun 2012 17:25

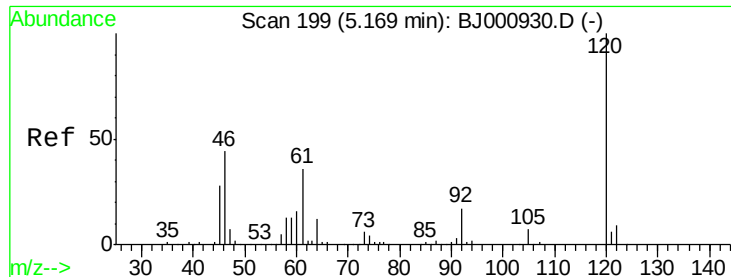
Tgt Ion: 136 Resp: 1029669

Ion Ratio Lower Upper

136 100

68 4.2 0.0 22.7





#7

1,4-Dithiane

Concen: 3.68 ug/mL

RT: 5.155 min Scan# 19

Delta R.T. -0.014 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

Instrument :

BNA_J

ClientSampleId :

TC-053112MS

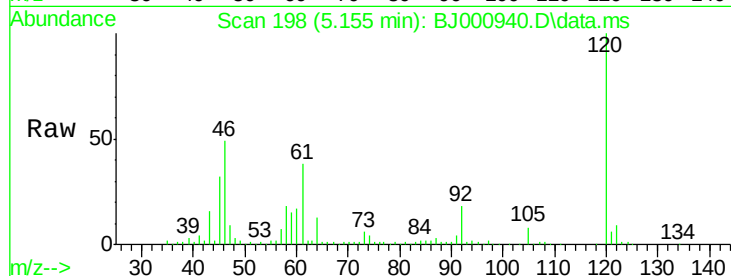
Tgt Ion: 46 Resp: 269705

Ion Ratio Lower Upper

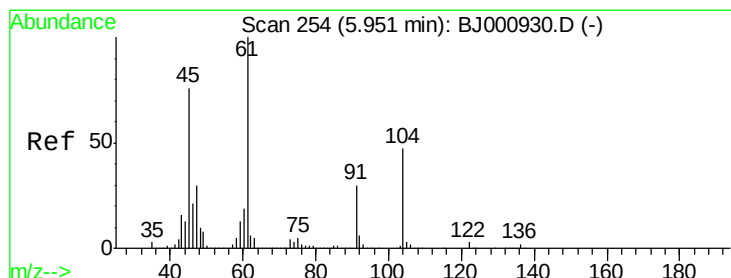
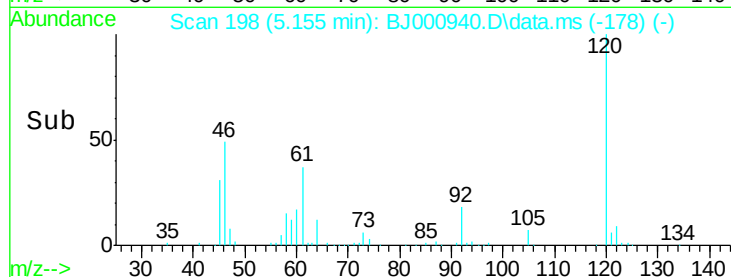
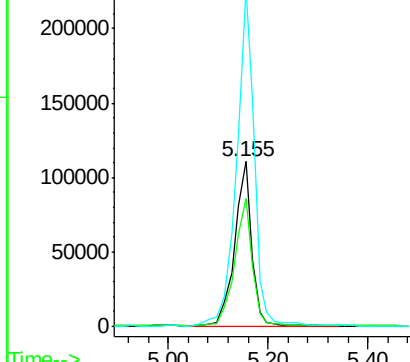
46 100

61 77.6 61.9 101.9

120 204.9 208.1 248.1#



Abundance



#8

Thiodiglycol

Concen: 30.42 ug/mL

RT: 5.938 min Scan# 253

Delta R.T. -0.013 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

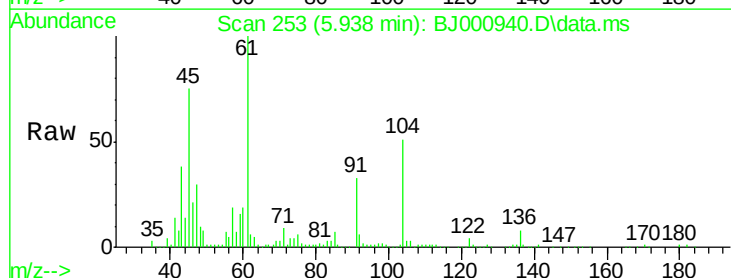
Tgt Ion: 61 Resp: 1846582

Ion Ratio Lower Upper

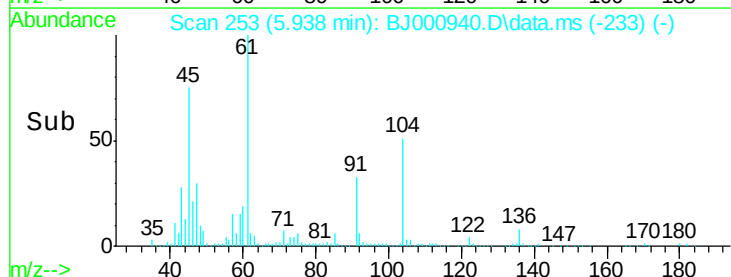
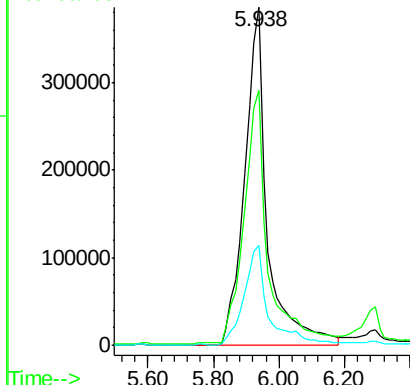
61 100

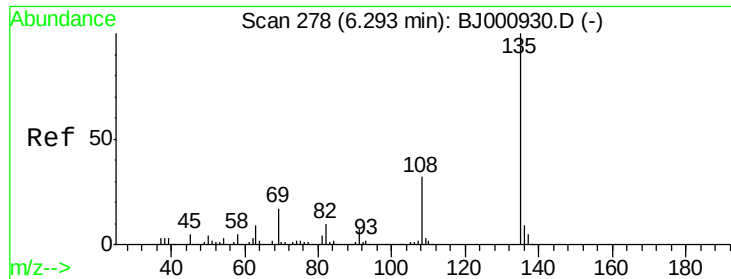
45 75.2 56.3 96.3

47 29.7 10.1 50.1



Abundance





#9

Benzothiazole

Concen: 7.57 ug/mL

RT: 6.294 min Scan# 27

Delta R.T. 0.001 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

Instrument :

BNA_J

ClientSampleId :

TC-053112MS

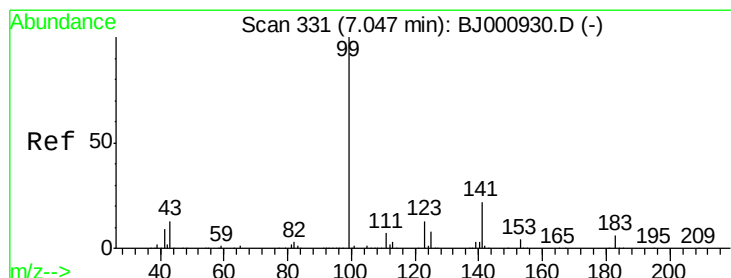
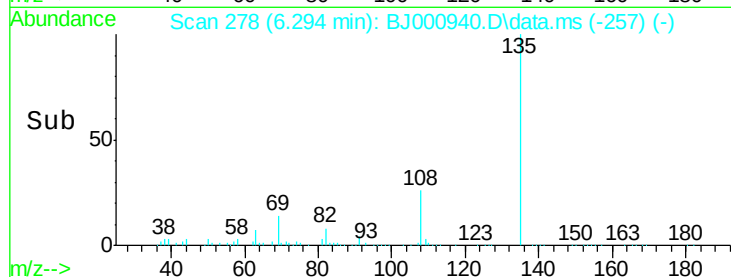
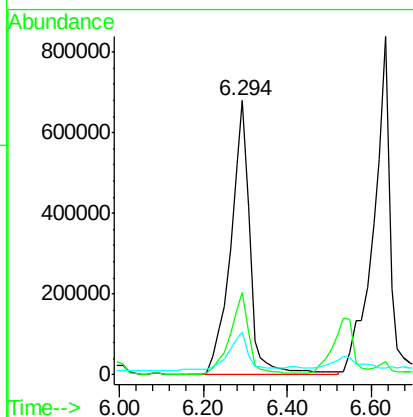
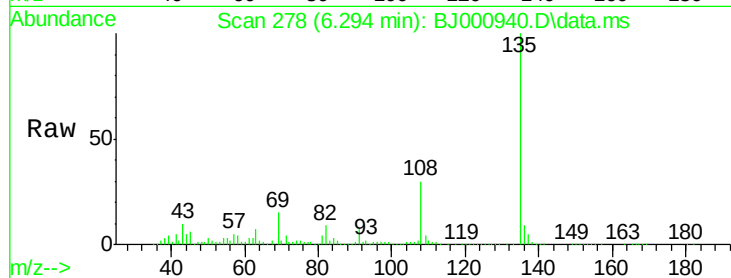
Tgt Ion:135 Resp: 2141297

Ion Ratio Lower Upper

135 100

108 30.1 12.0 52.0

69 15.4 0.0 36.6



#10

Tripropylphosphate

Concen: 0.48 ug/mL

RT: 7.062 min Scan# 332

Delta R.T. 0.015 min

Lab File: BJ000940.D

Acq: 8 Jun 2012 17:25

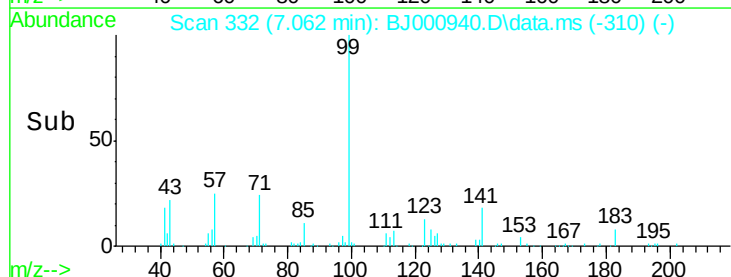
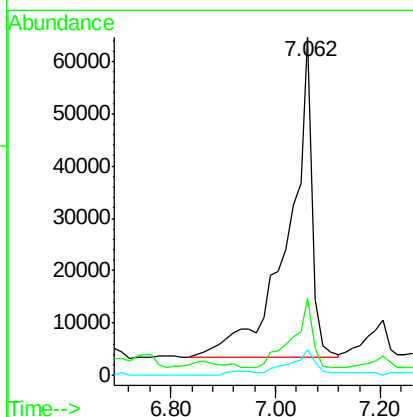
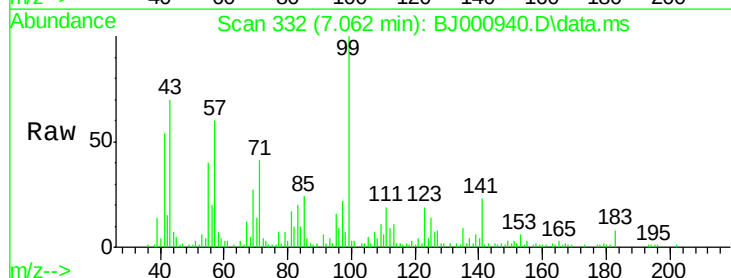
Tgt Ion: 99 Resp: 194780

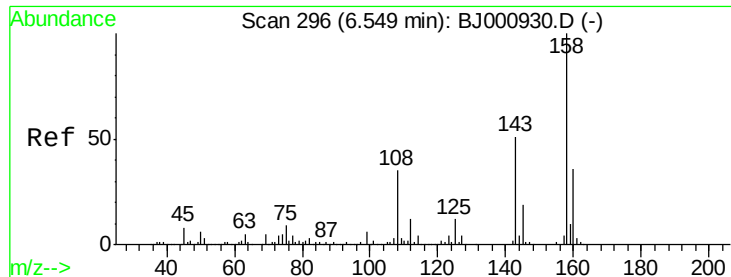
Ion Ratio Lower Upper

99 100

141 18.4 18.5 27.7#

183 7.9 5.8 8.8

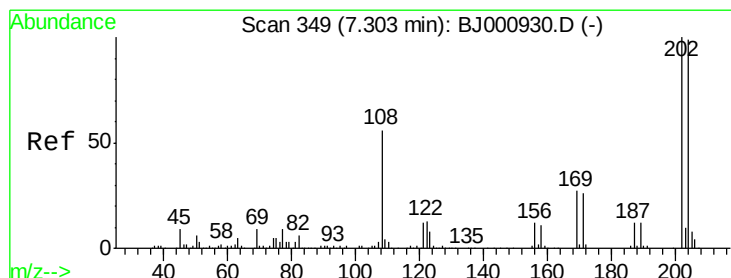
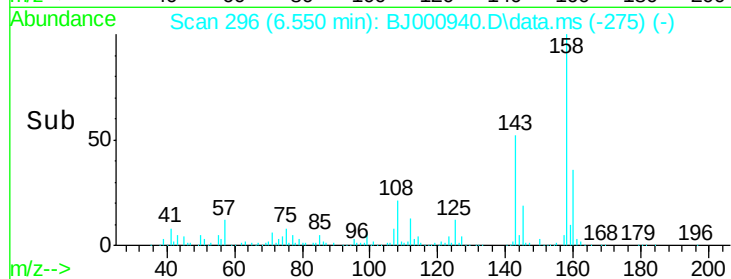
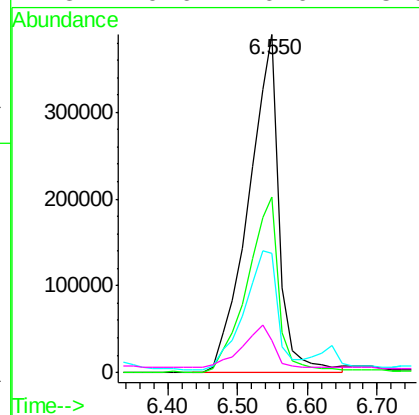
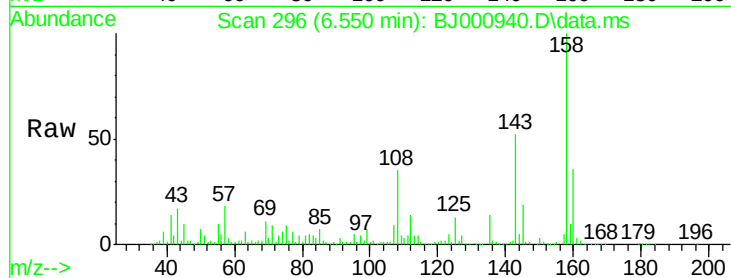




#11
p-Chlorophenylmethylsulfide
Concen: 6.74 ug/mL
RT: 6.550 min Scan# 29
Delta R.T. 0.001 min
Lab File: BJ000940.D
Acq: 8 Jun 2012 17:25

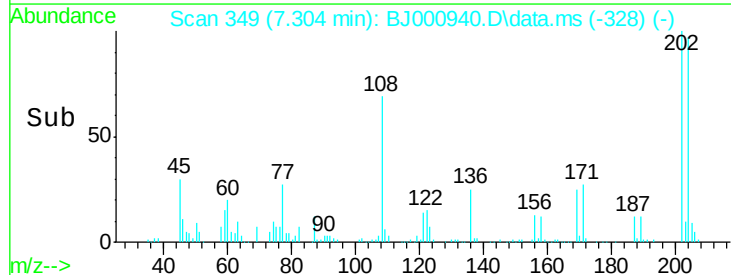
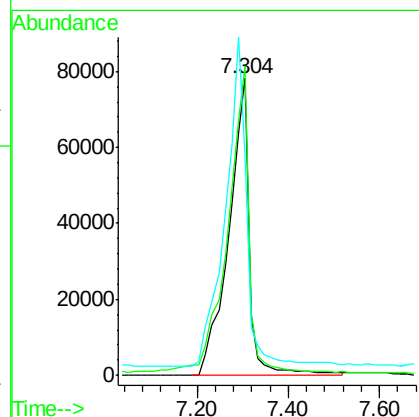
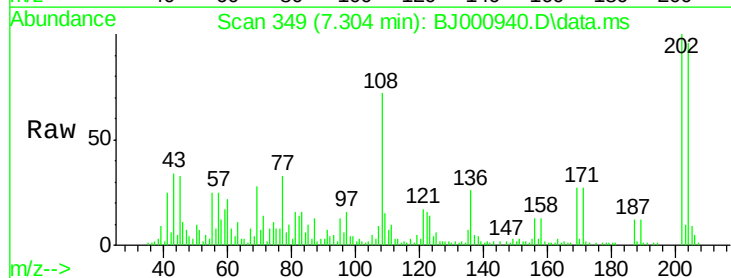
Instrument :
BNA_J
ClientSampleId :
TC-053112MS

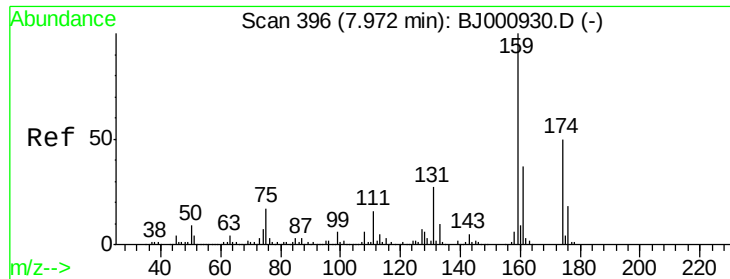
Tgt Ion:	158	Resp:	1197301
Ion	Ratio	Lower	Upper
158	100		
143	51.9	31.3	71.3
108	35.3	14.9	54.9
45	9.6	0.0	28.5



#12
2-Bromothioanisole
Concen: 3.50 ug/mL
RT: 7.304 min Scan# 349
Delta R.T. 0.001 min
Lab File: BJ000940.D
Acq: 8 Jun 2012 17:25

Tgt Ion:	204	Resp:	246367
Ion	Ratio	Lower	Upper
204	100		
202	103.9	81.4	121.4
108	74.5	37.1	77.1

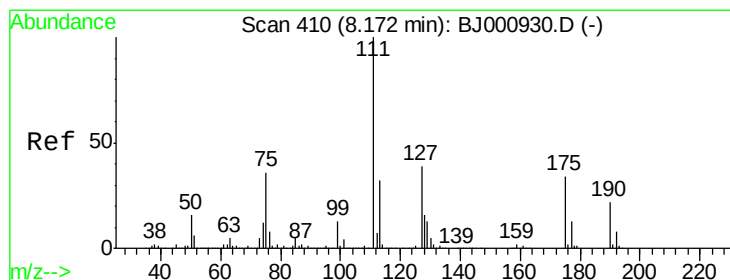
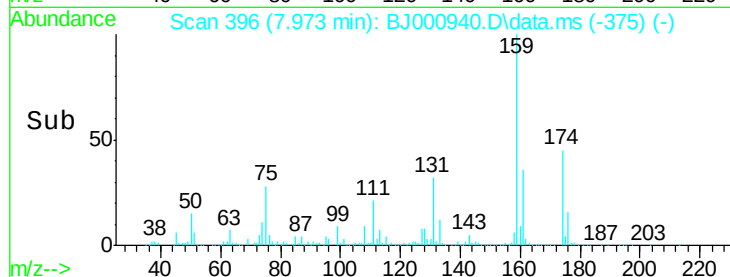
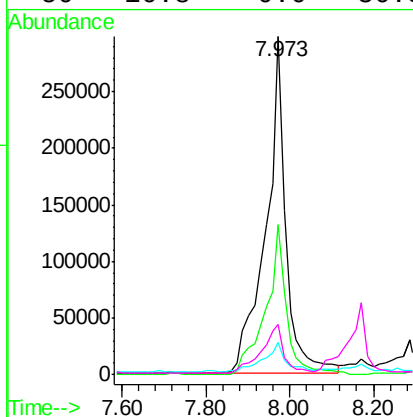
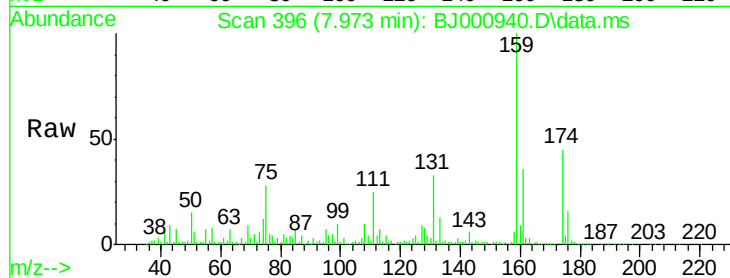




#13
p-Chlorophenylmethylsulfoxide
Concen: 9.42 ug/mL
RT: 7.973 min Scan# 39
Delta R.T. 0.001 min
Lab File: BJ000940.D
Acq: 8 Jun 2012 17:25

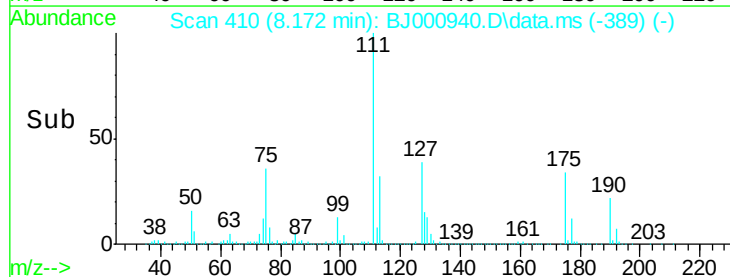
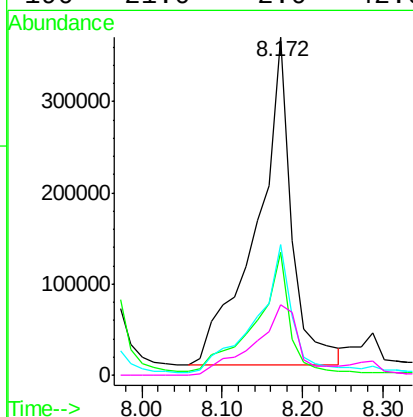
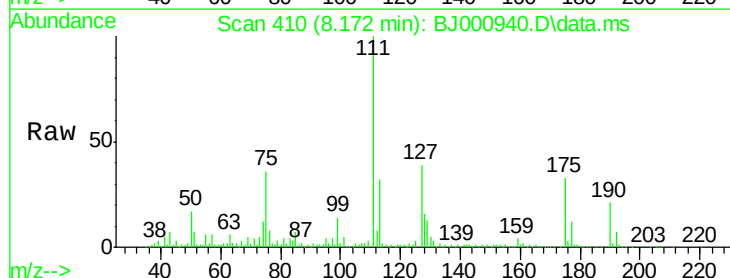
Instrument :
BNA_J
ClientSampleId :
TC-053112MS

Tgt Ion:	159	Resp:	984980
Ion Ratio		Lower	Upper
159	100		
174	46.3	27.0	67.0
108	9.0	0.0	28.3
50	16.8	0.0	36.8



#14
p-Chlorophenylmethylsulfone
Concen: 7.18 ug/mL
RT: 8.172 min Scan# 410
Delta R.T. 0.001 min
Lab File: BJ000940.D
Acq: 8 Jun 2012 17:25

Tgt Ion:	111	Resp:	1076096
Ion Ratio		Lower	Upper
111	100		
75	36.5	16.5	56.5
127	38.8	19.3	59.3
190	21.0	2.0	42.0



Data Path : Z:\HPCHEM1\BNA_J\data\BJ060812\
 Data File : BJ000940.D
 Acq On : 8 Jun 2012 17:25
 Operator : HLM
 Sample : D2917-01MS
 Misc : SOIL BNA_J HLM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 TC-053112MS

Quant Time: Jun 13 07:46:48 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Jun 08 15:52:40 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.700	152	250771	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.995	136	1029669	2.00	ug/mL	-0.01
System Monitoring Compounds						
10) Tripropylphosphate	7.062	99	194780	0.48	ug/mL	0.01
Spiked Amount 0.500	Range 70 - 130		Recovery	=	96.00%	
12) 2-Bromothioanisole	7.304	204	246367	3.50	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	70.00%	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.707	94	300406	3.53	ug/mL	98
3) DMMP	3.575	79	168688	1.81	ug/mL	91
4) DIMP	4.998	97	769249	3.59	ug/mL#	83
5) 1,4-Oxathiane	3.703	46	328316	3.92	ug/mL	99
7) 1,4-Dithiane	5.155	46	269705	3.68	ug/mL#	88
8) Thiodiglycol	5.938	61	1846582	30.42	ug/mL	99
9) Benzothiazole	6.294	135	2141297	7.57	ug/mL	97
11) p-Chlorophenylmethyisu...	6.550	158	1197301	6.74	ug/mL	99
13) p-Chlorophenylmethyisu...	7.973	159	984980	9.42	ug/mL	99
14) p-Chlorophenylmethyisu...	8.172	111	1076096	7.18	ug/mL	99

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