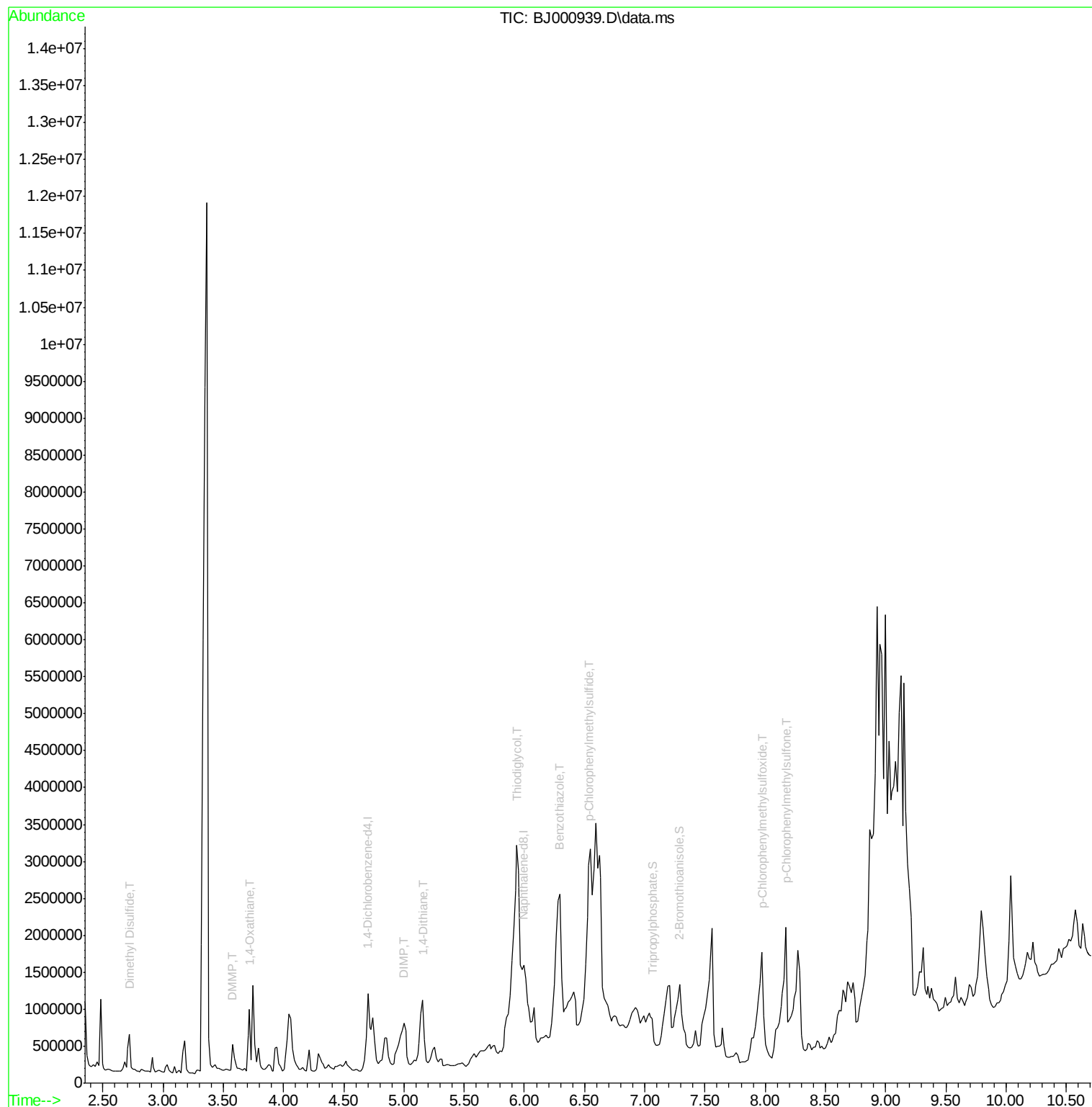
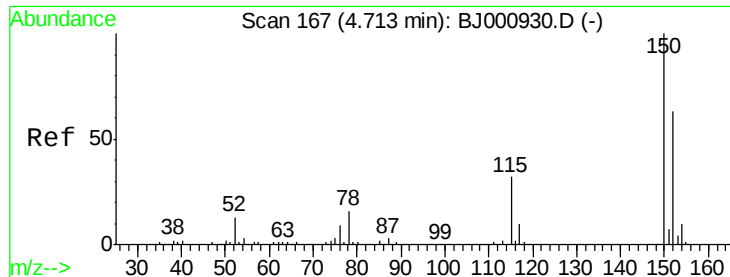


Data Path : Z:\HPCHEM1\BNA_J\data\BJ060812\
Data File : BJ000939.D
Acq On : 8 Jun 2012 17:07
Operator : HLM
Sample : D2917-01MSD
Misc : SOIL BNA_J HLM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_J
ClientSampleId :
TC-053112MSD

Quant Time: Jun 13 07:46:41 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
Quant Title : CWA degradation products by GCMS
QLast Update : Fri Jun 08 15:54:08 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.700 min Scan# 16

Delta R.T. -0.013 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

Instrument :

BNA_J

ClientSampleId :

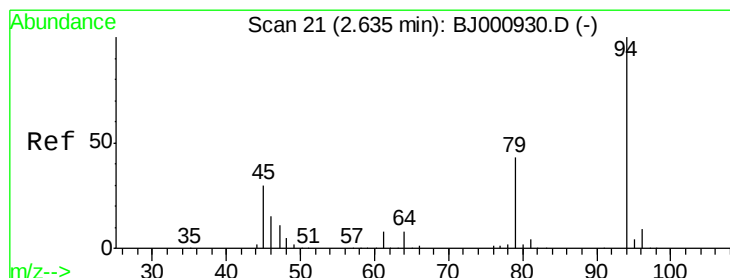
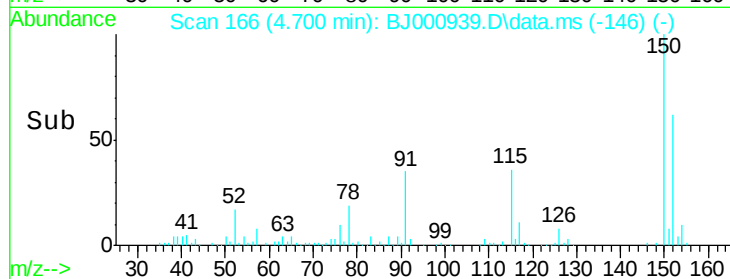
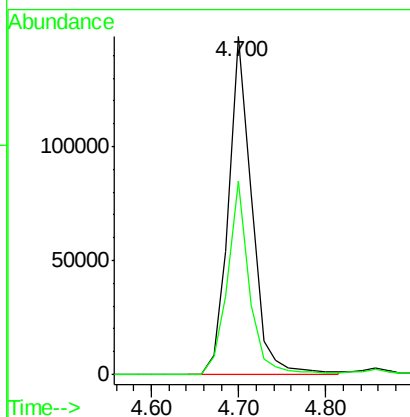
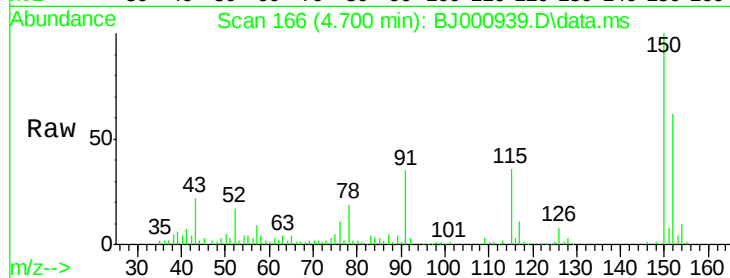
TC-053112MSD

Tgt Ion:152 Resp: 272518

Ion Ratio Lower Upper

152 100

115 57.3 30.6 70.6



#2

Dimethyl Disulfide

Concen: 2.87 ug/mL

RT: 2.722 min Scan# 27

Delta R.T. 0.086 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

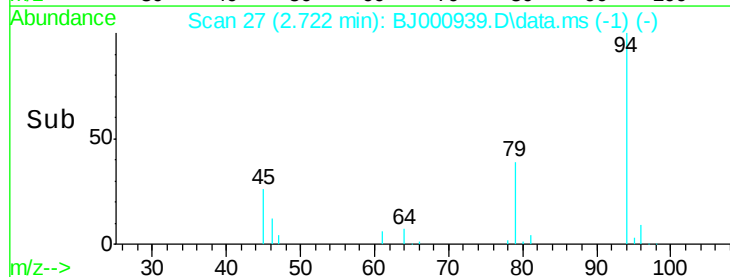
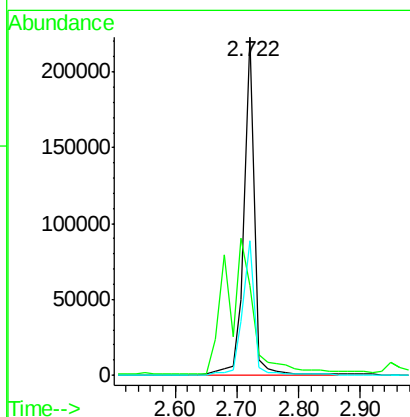
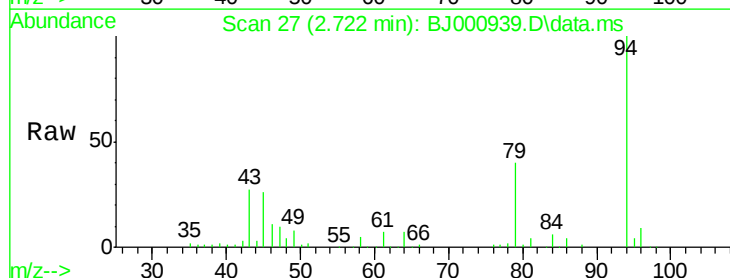
Tgt Ion: 94 Resp: 265389

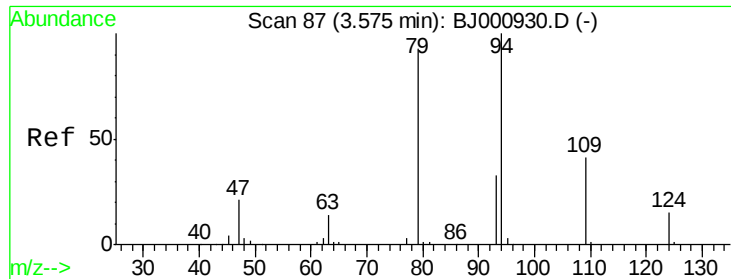
Ion Ratio Lower Upper

94 100

45 26.5 11.1 51.1

79 39.8 22.9 62.9

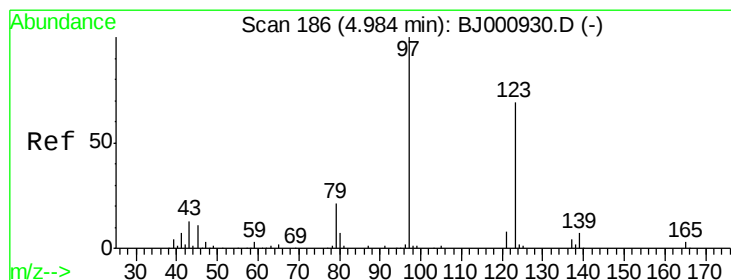
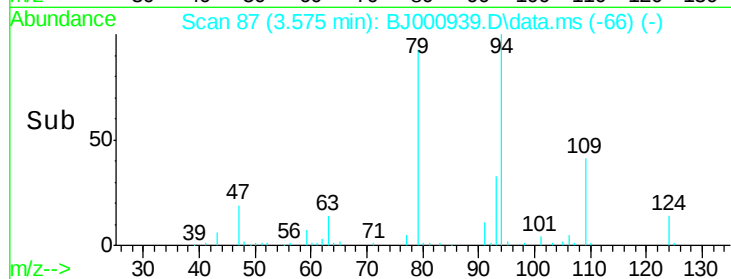
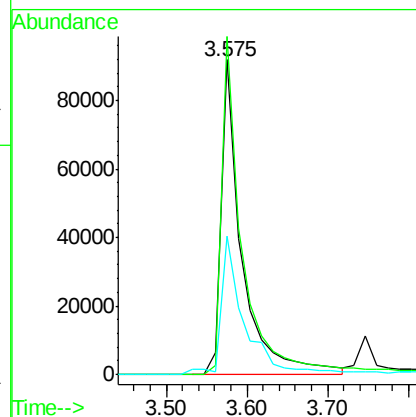
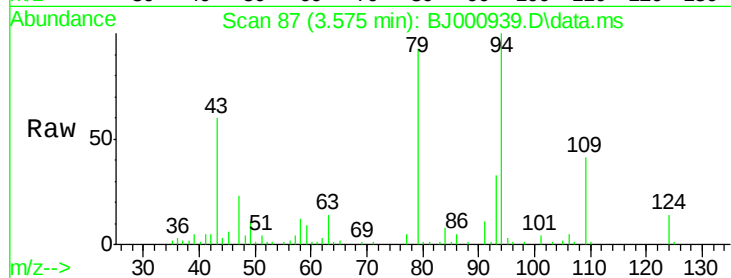




#3
DMMP
Concen: 1.63 ug/mL
RT: 3.575 min Scan# 87
Delta R.T. 0.001 min
Lab File: BJ000939.D
Acq: 8 Jun 2012 17:07

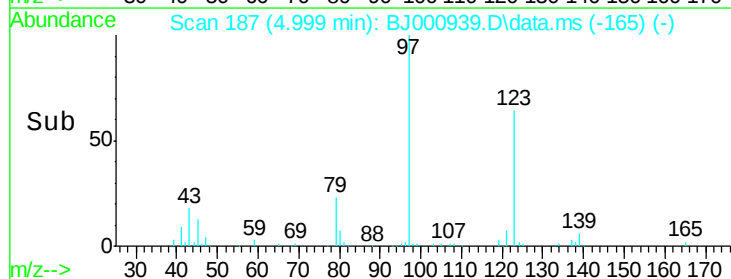
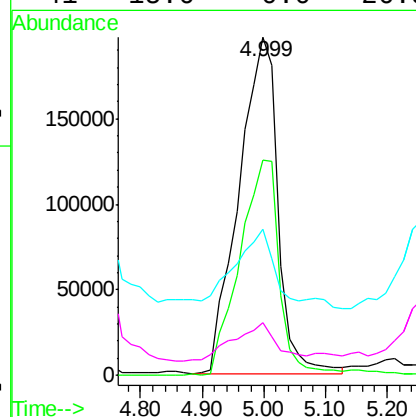
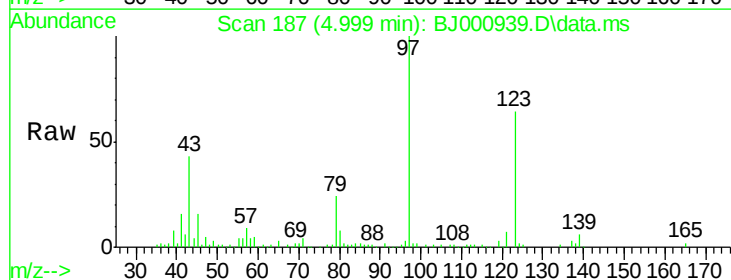
Instrument :
BNA_J
ClientSampleId :
TC-053112MSD

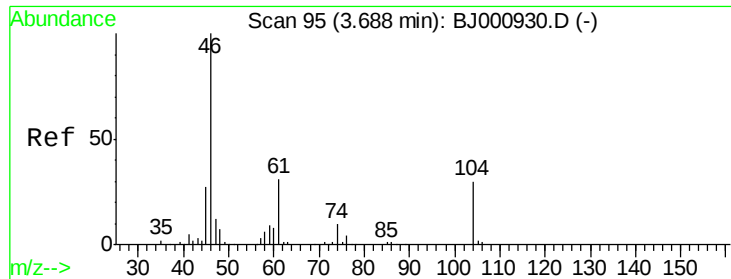
Tgt Ion: 79 Resp: 164190
Ion Ratio Lower Upper
79 100
94 107.2 87.0 127.0
109 43.8 24.1 64.1



#4
DIMP
Concen: 3.69 ug/mL
RT: 4.999 min Scan# 187
Delta R.T. 0.016 min
Lab File: BJ000939.D
Acq: 8 Jun 2012 17:07

Tgt Ion: 97 Resp: 859450
Ion Ratio Lower Upper
97 100
123 63.8 49.1 89.1
43 43.2 0.0 33.2#
41 15.6 0.0 26.5





#5

1,4-Oxathiane

Concen: 3.79 ug/mL

RT: 3.718 min Scan# 97

Delta R.T. 0.029 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

Instrument :

BNA_J

ClientSampleId :

TC-053112MSD

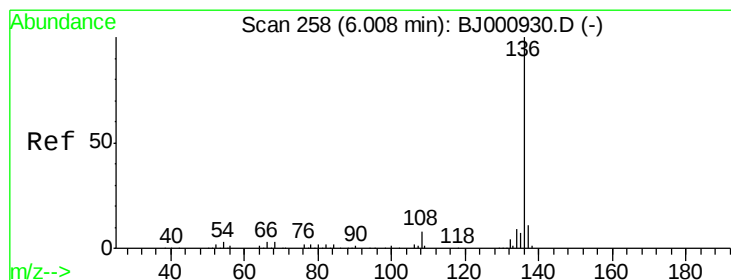
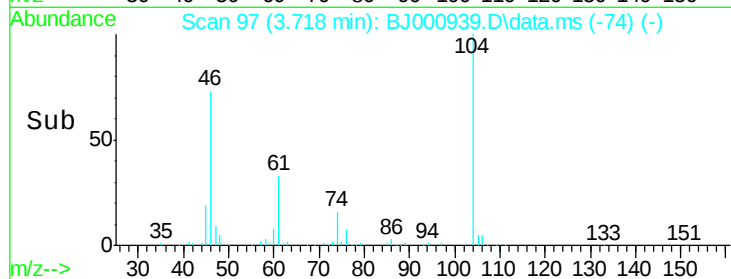
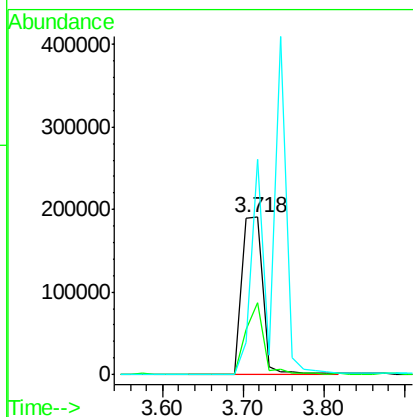
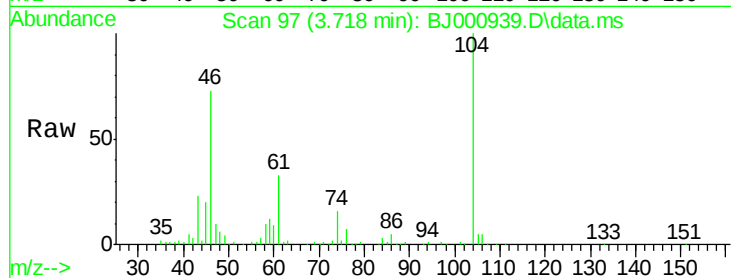
Tgt Ion: 46 Resp: 344481

Ion Ratio Lower Upper

46 100

61 45.4 11.2 51.2

104 136.8 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: BJ000939.D

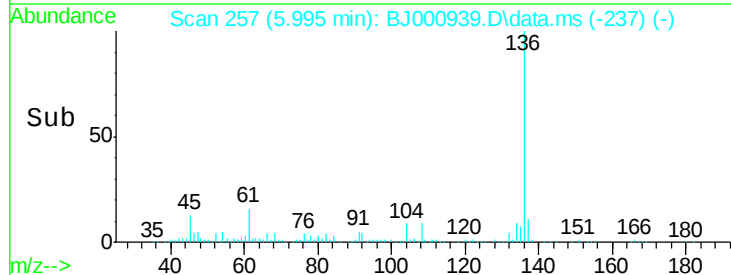
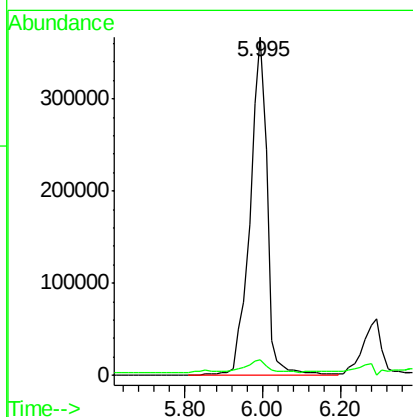
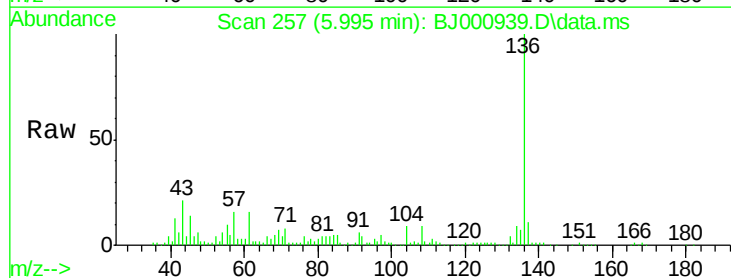
Acq: 8 Jun 2012 17:07

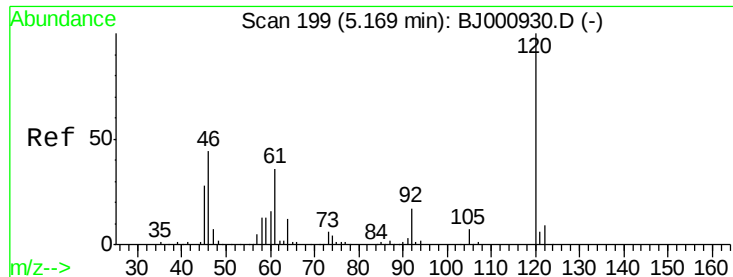
Tgt Ion: 136 Resp: 1119729

Ion Ratio Lower Upper

136 100

68 4.7 0.0 22.7





#7

1,4-Dithiane

Concen: 3.81 ug/mL

RT: 5.155 min Scan# 19

Delta R.T. -0.013 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

Instrument :

BNA_J

ClientSampleId :

TC-053112MSD

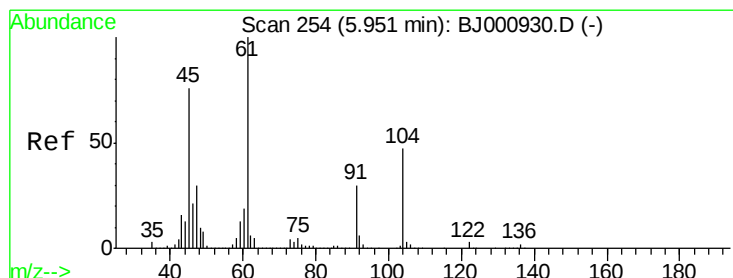
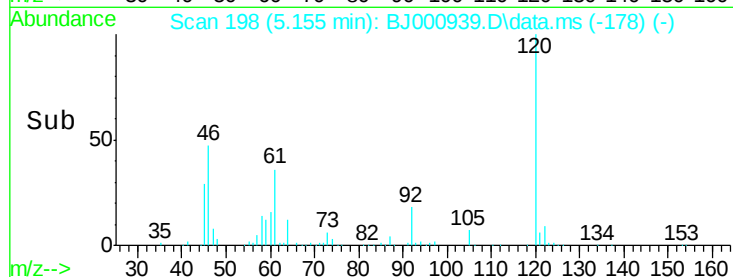
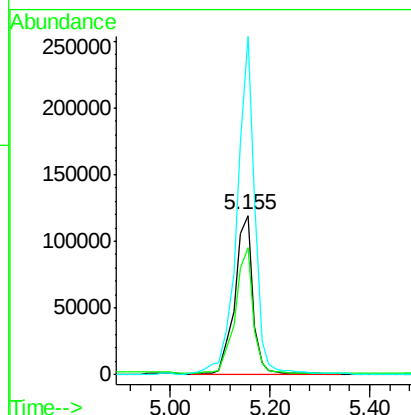
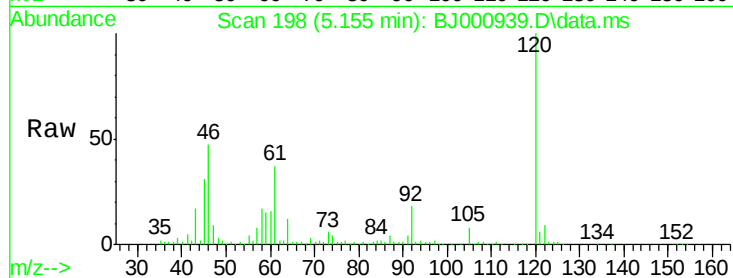
Tgt Ion: 46 Resp: 303868

Ion Ratio Lower Upper

46 100

61 79.4 61.9 101.9

120 212.1 208.1 248.1



#8

Thiodiglycol

Concen: 30.61 ug/mL

RT: 5.938 min Scan# 253

Delta R.T. -0.013 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

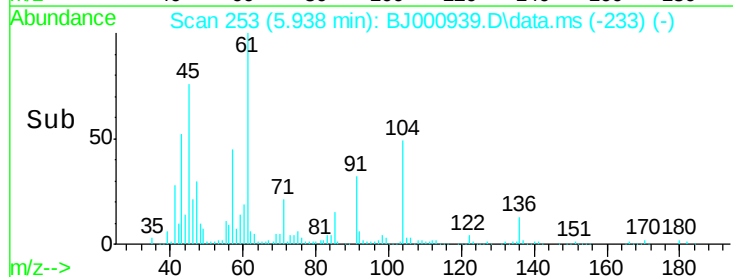
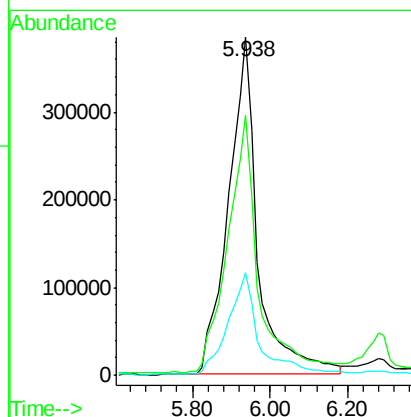
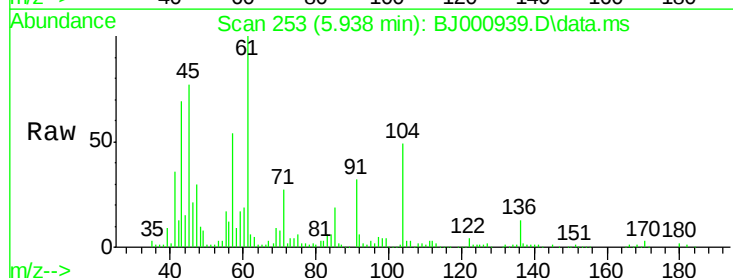
Tgt Ion: 61 Resp: 2022605

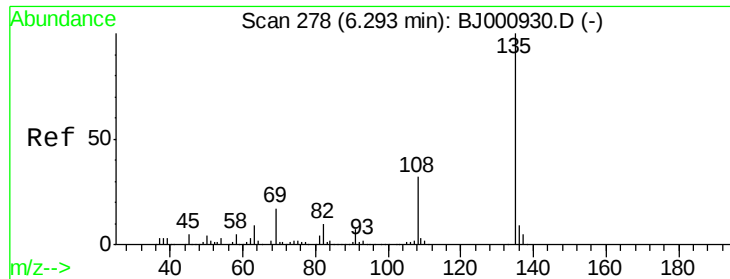
Ion Ratio Lower Upper

61 100

45 76.9 56.3 96.3

47 30.3 10.1 50.1





#9

Benzothiazole

Concen: 7.54 ug/mL

RT: 6.294 min Scan# 27

Delta R.T. 0.001 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

Instrument :

BNA_J

ClientSampleId :

TC-053112MSD

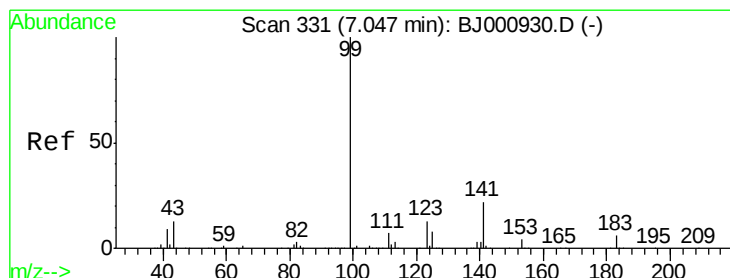
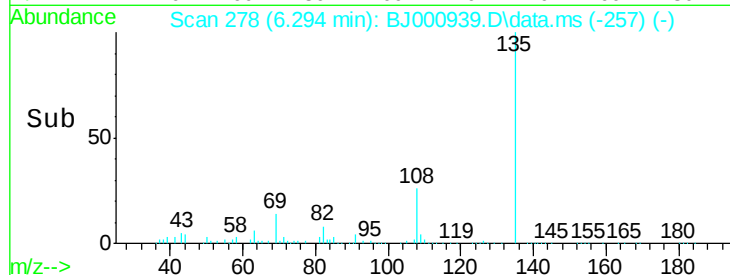
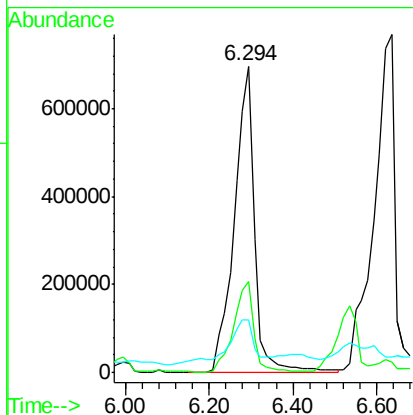
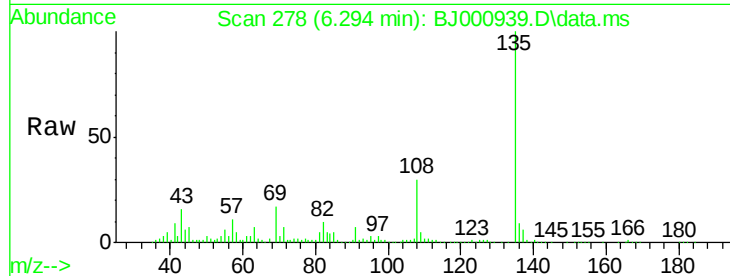
Tgt Ion:135 Resp: 2320309

Ion Ratio Lower Upper

135 100

108 29.7 12.0 52.0

69 17.0 0.0 36.6



#10

Tripropylphosphate

Concen: 0.64 ug/mL

RT: 7.062 min Scan# 332

Delta R.T. 0.015 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

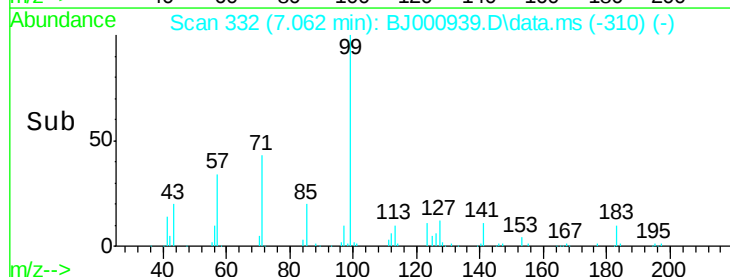
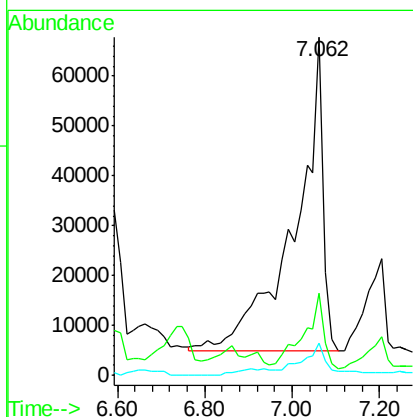
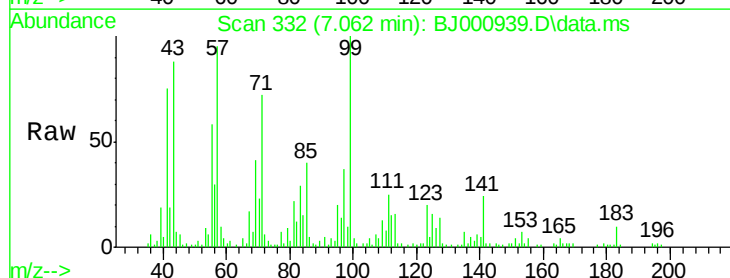
Tgt Ion: 99 Resp: 280550

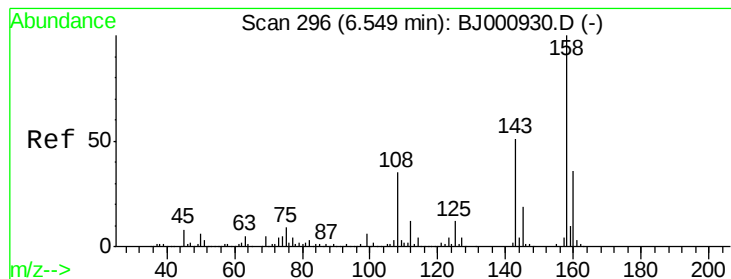
Ion Ratio Lower Upper

99 100

141 16.8 18.5 27.7#

183 8.0 5.8 8.8





#11

p-Chlorophenylmethylsulfide

Concen: 6.85 ug/mL

RT: 6.536 min Scan# 29

Delta R.T. -0.013 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

Instrument :

BNA_J

ClientSampleId :

TC-053112MSD

Tgt Ion:158 Resp: 1321959

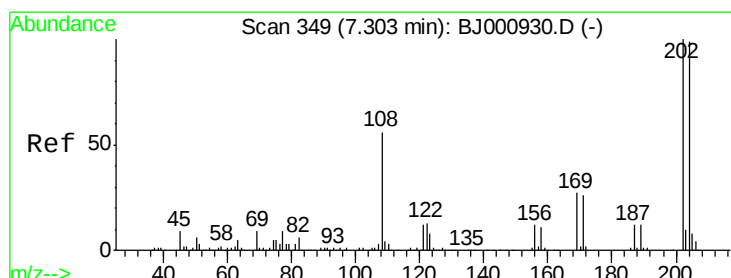
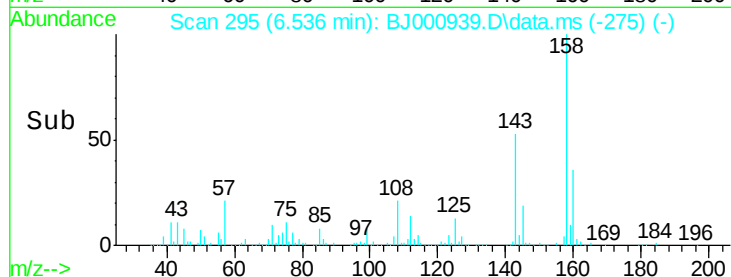
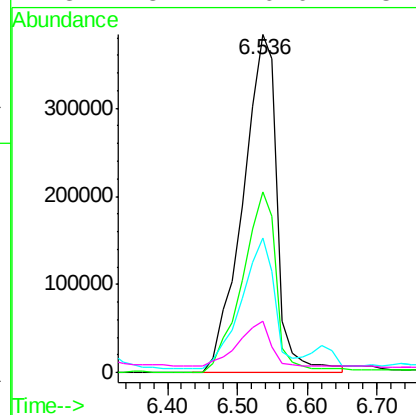
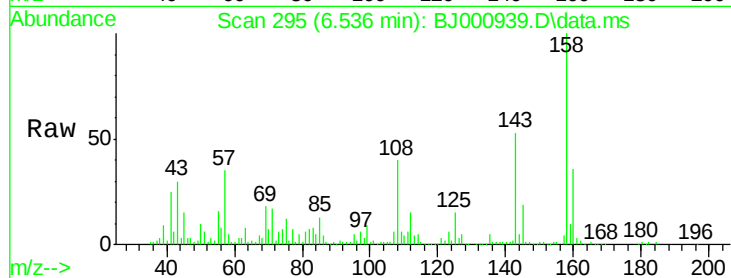
Ion Ratio Lower Upper

158 100

143 53.4 31.3 71.3

108 39.8 14.9 54.9

45 15.2 0.0 28.5



#12

2-Bromothioanisole

Concen: 3.70 ug/mL

RT: 7.290 min Scan# 348

Delta R.T. -0.013 min

Lab File: BJ000939.D

Acq: 8 Jun 2012 17:07

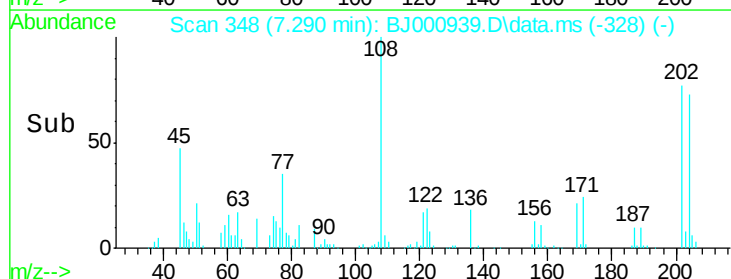
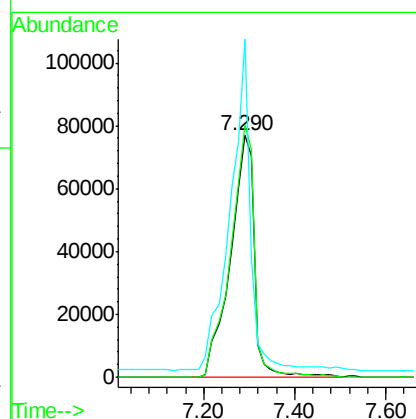
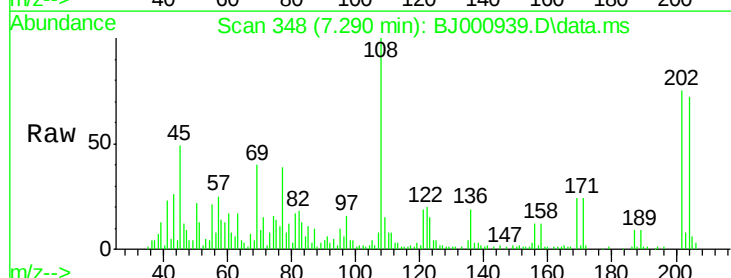
Tgt Ion:204 Resp: 282495

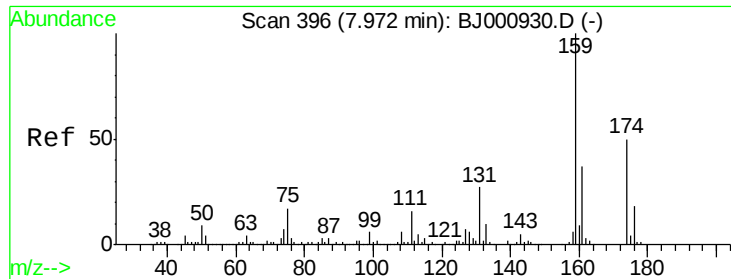
Ion Ratio Lower Upper

204 100

202 104.4 81.4 121.4

108 139.8 37.1 77.1#

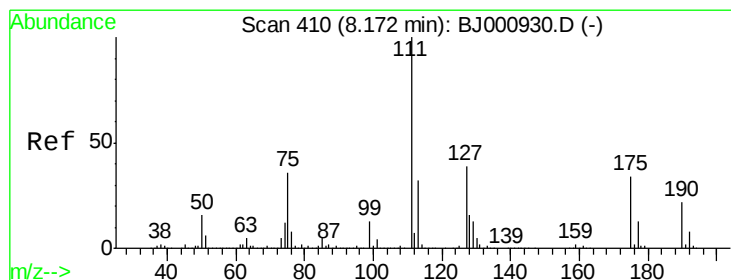
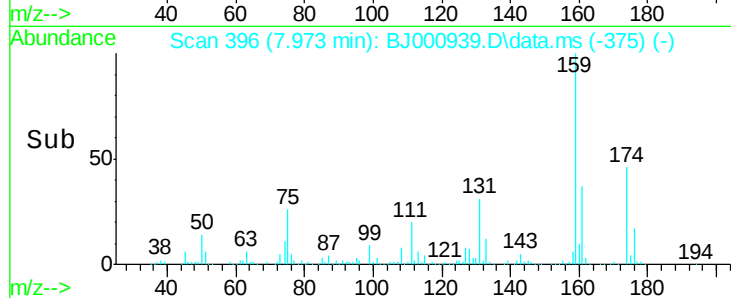
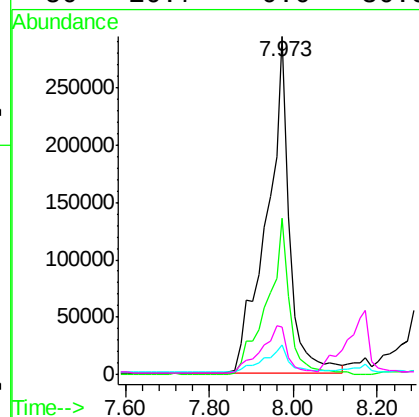
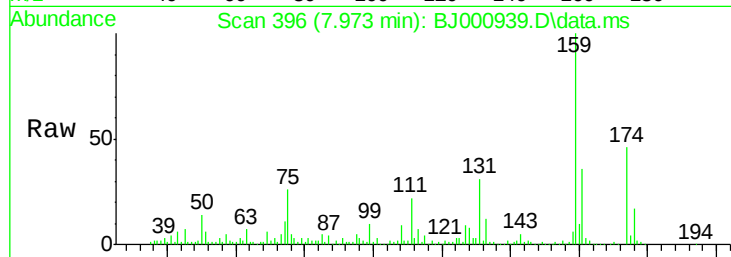




#13
p-Chlorophenylmethylsulfoxide
Concen: 9.71 ug/mL
RT: 7.973 min Scan# 39
Delta R.T. 0.001 min
Lab File: BJ000939.D
Acq: 8 Jun 2012 17:07

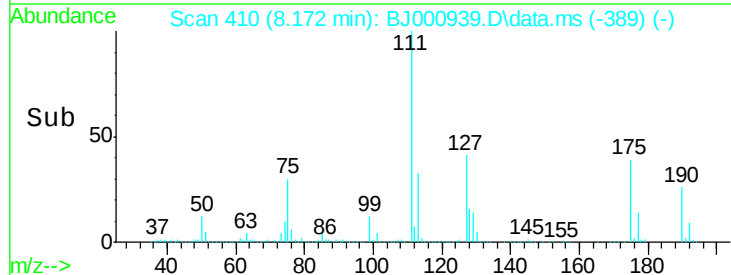
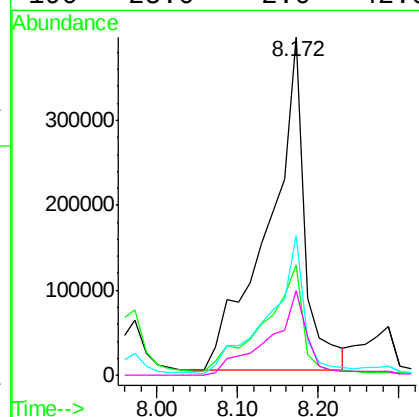
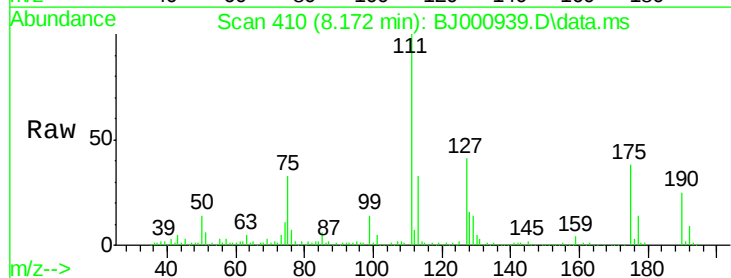
Instrument :
BNA_J
ClientSampleId :
TC-053112MSD

Tgt Ion:159 Resp: 1109096
Ion Ratio Lower Upper
159 100
174 46.2 27.0 67.0
108 8.6 0.0 28.3
50 16.7 0.0 36.8



#14
p-Chlorophenylmethylsulfone
Concen: 7.49 ug/mL
RT: 8.172 min Scan# 410
Delta R.T. 0.001 min
Lab File: BJ000939.D
Acq: 8 Jun 2012 17:07

Tgt Ion:111 Resp: 1220187
Ion Ratio Lower Upper
111 100
75 32.6 16.5 56.5
127 41.2 19.3 59.3
190 25.0 2.0 42.0



Data Path : Z:\HPCHEM1\BNA_J\data\BJ060812\
 Data File : BJ000939.D
 Acq On : 8 Jun 2012 17:07
 Operator : HLM
 Sample : D2917-01MSD
 Misc : SOIL BNA_J HLM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 TC-053112MSD

Quant Time: Jun 13 07:46:41 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Fri Jun 08 15:54:08 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.700	152	272518	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.995	136	1119729	2.00	ug/mL	-0.01
System Monitoring Compounds						
10) Tripropylphosphate	7.062	99	280550	0.64	ug/mL	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery	=	128.00%	
12) 2-Bromothioanisole	7.290	204	282495	3.70	ug/mL	-0.01
Spiked Amount 5.000	Range 70 - 130		Recovery	=	74.00%	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.722	94	265389	2.87	ug/mL	94
3) DMMP	3.575	79	164190	1.63	ug/mL	100
4) DIMP	4.999	97	859450	3.69	ug/mL#	82
5) 1,4-Oxathiane	3.718	46	344481	3.79	ug/mL#	1
7) 1,4-Dithiane	5.155	46	303868	3.81	ug/mL	92
8) Thiodiglycol	5.938	61	2022605	30.61	ug/mL	99
9) Benzothiazole	6.294	135	2320309	7.54	ug/mL	97
11) p-Chlorophenylmethyisu...	6.536	158	1321959	6.85	ug/mL	94
13) p-Chlorophenylmethyisu...	7.973	159	1109096	9.71	ug/mL	99
14) p-Chlorophenylmethyisu...	8.172	111	1220187	7.49	ug/mL	95

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