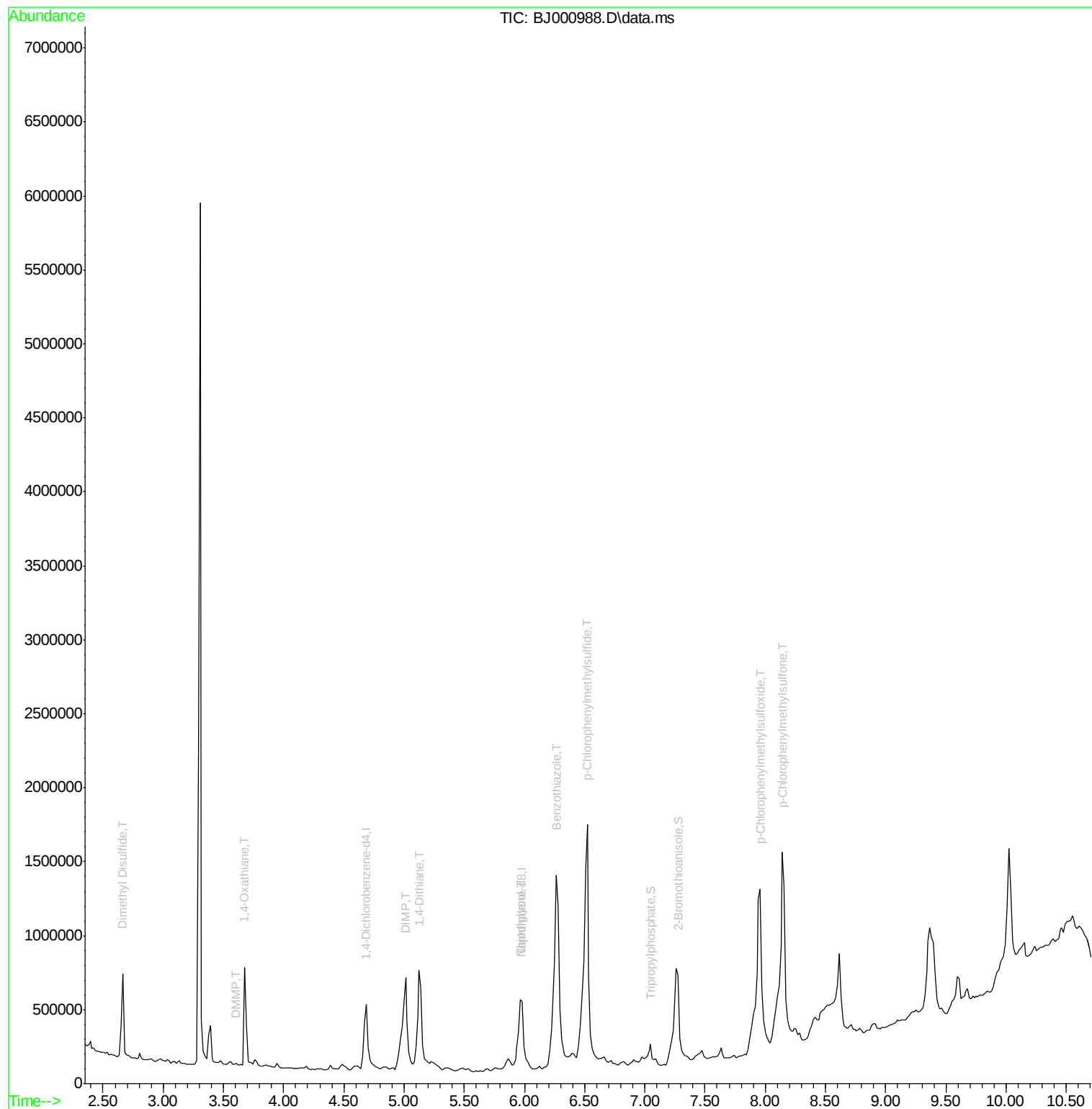
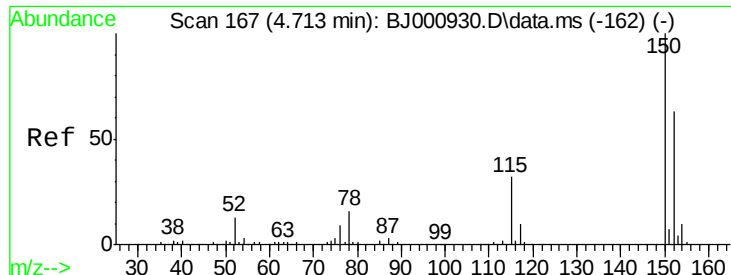


Data Path : Z:\HPCHEM1\BNA_J\data\BJ062712\
Data File : BJ000988.D
Acq On : 27 Jun 2012 22:59
Operator : HLM
Sample : D3156-08MS
Misc : WATER BNA_J HLM
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_J
ClientSampleId :
OF-45BMS

Quant Time: Jul 02 07:23:52 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
Quant Title : CWA degradation products by GCMS
QLast Update : Thu Jun 28 10:45:59 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.685 min Scan# 16

Delta R.T. 0.001 min

Lab File: BJ000988.D

Acq: 27 Jun 2012 22:59

Instrument :

BNA_J

ClientSampleId :

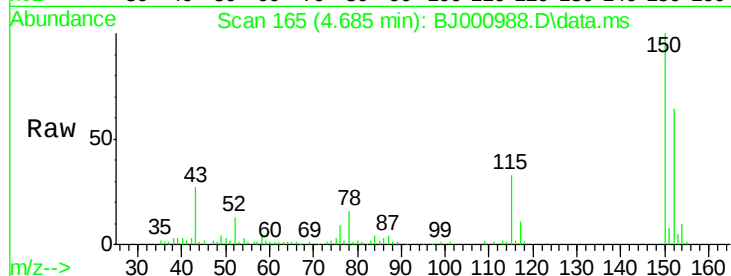
OF-45BMS

Tgt Ion:152 Resp: 175860

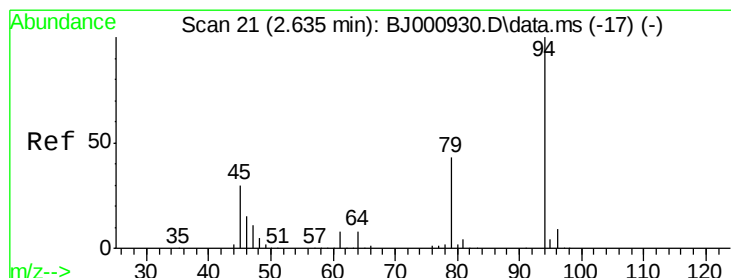
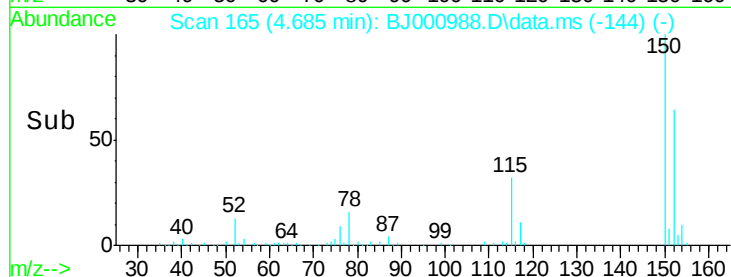
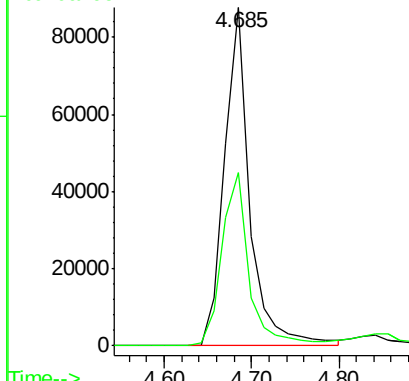
Ion Ratio Lower Upper

152 100

115 51.1 29.6 69.6



Abundance



#2

Dimethyl Disulfide

Concen: 3.81 ug/mL

RT: 2.664 min Scan# 23

Delta R.T. 0.101 min

Lab File: BJ000988.D

Acq: 27 Jun 2012 22:59

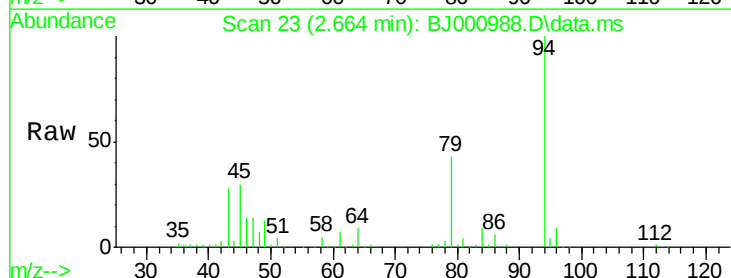
Tgt Ion: 94 Resp: 227255

Ion Ratio Lower Upper

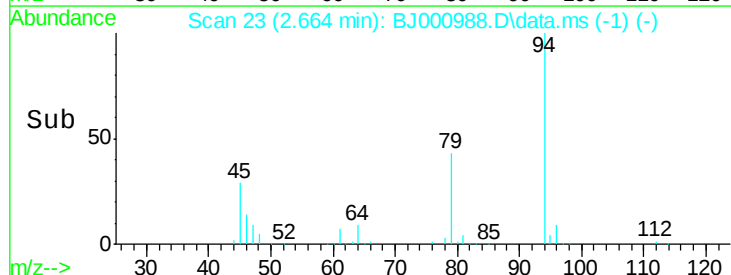
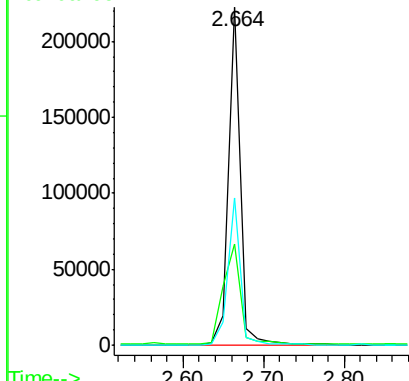
94 100

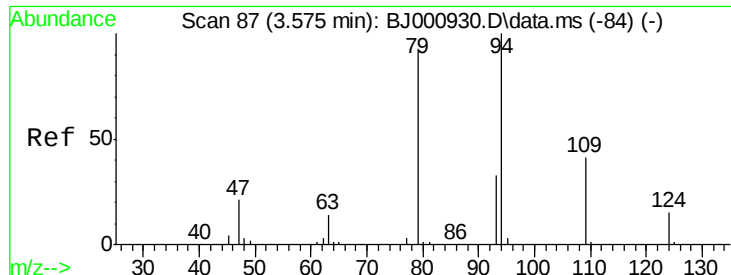
45 29.8 55.3 95.3#

79 43.5 37.3 77.3



Abundance

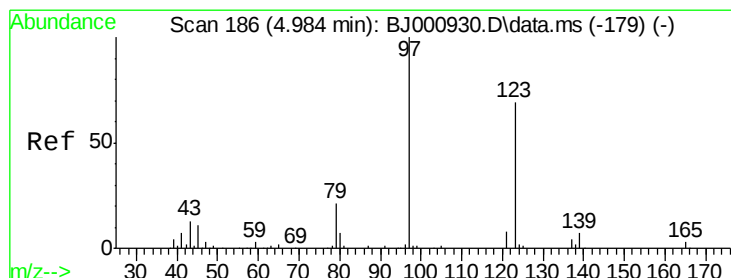
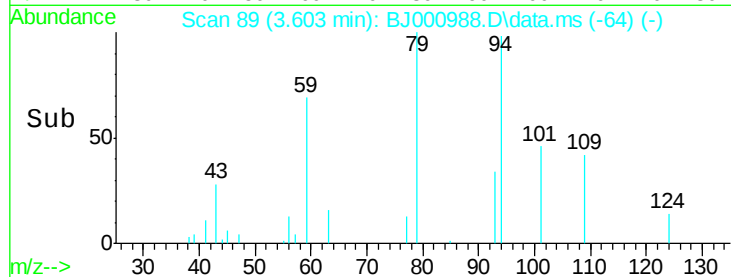
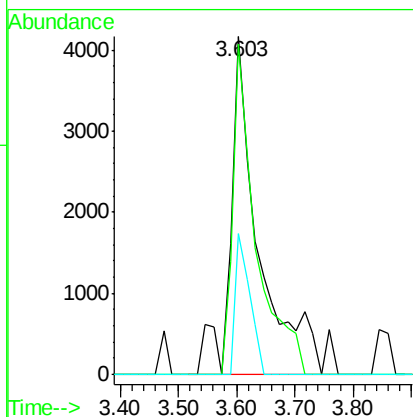
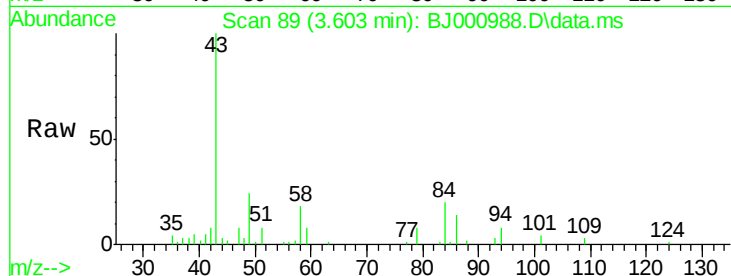




#3
DMMP
Concen: 0.25 ug/mL
RT: 3.603 min Scan# 89
Delta R.T. 0.058 min
Lab File: BJ000988.D
Acq: 27 Jun 2012 22:59

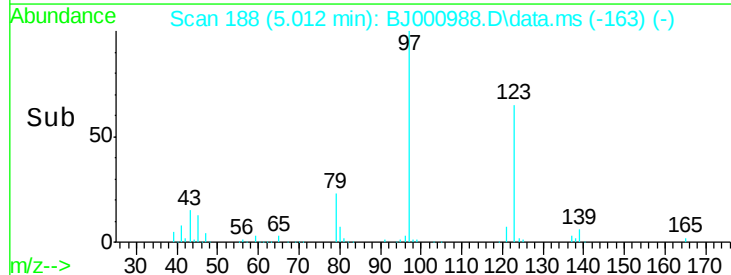
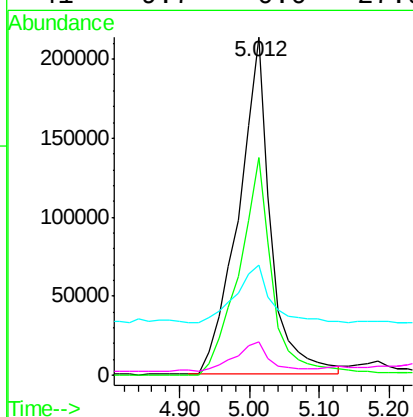
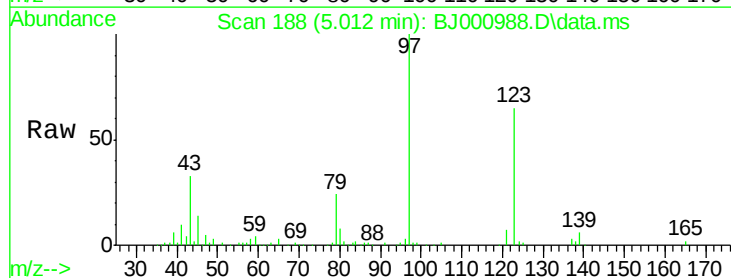
Instrument :
BNA_J
ClientSampleId :
OF-45BMS

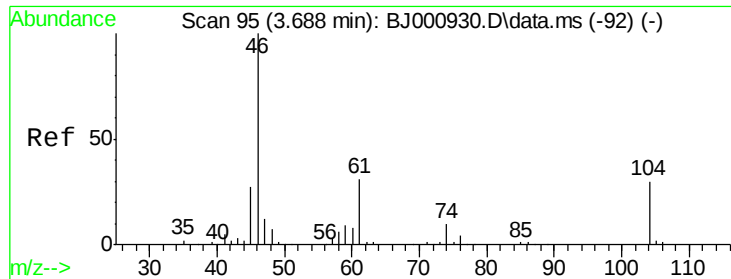
Tgt Ion: 79 Resp: 14522
Ion Ratio Lower Upper
79 100
94 97.7 84.5 124.5
109 41.6 23.4 63.4



#4
DIMP
Concen: 4.58 ug/mL
RT: 5.012 min Scan# 188
Delta R.T. 0.058 min
Lab File: BJ000988.D
Acq: 27 Jun 2012 22:59

Tgt Ion: 97 Resp: 688261
Ion Ratio Lower Upper
97 100
123 64.6 45.3 85.3
43 32.8 0.0 35.5
41 9.7 0.0 27.9

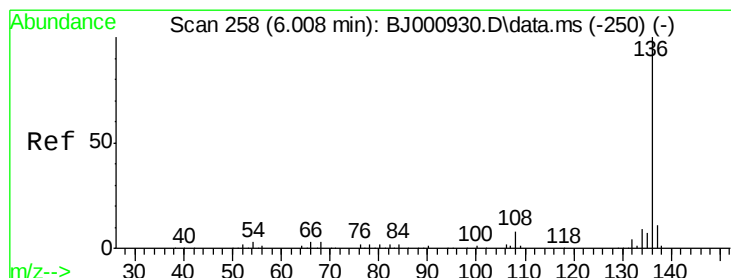
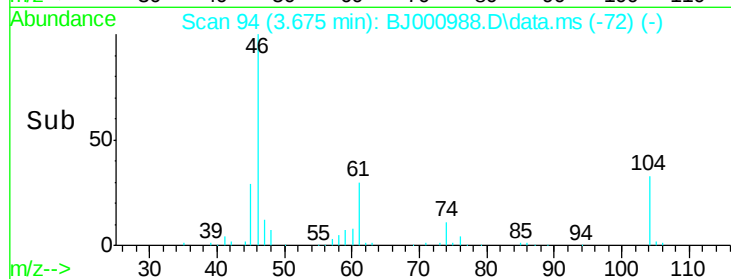
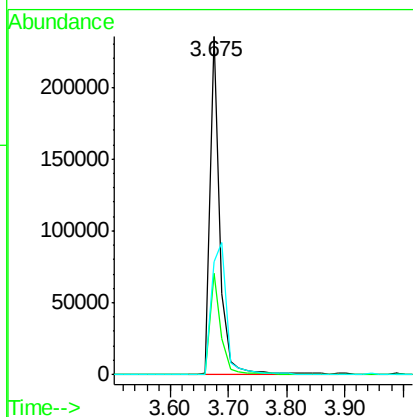
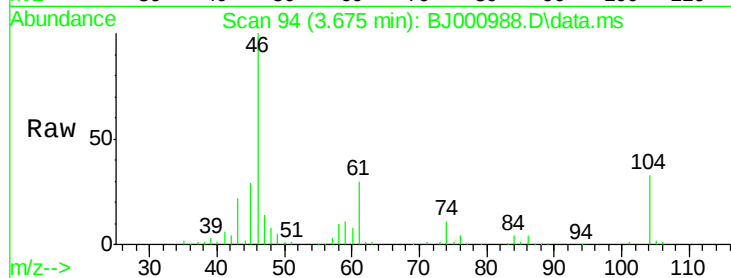




#5
 1,4-Oxathiane
 Concen: 4.65 ug/mL
 RT: 3.675 min Scan# 94
 Delta R.T. 0.015 min
 Lab File: BJ000988.D
 Acq: 27 Jun 2012 22:59

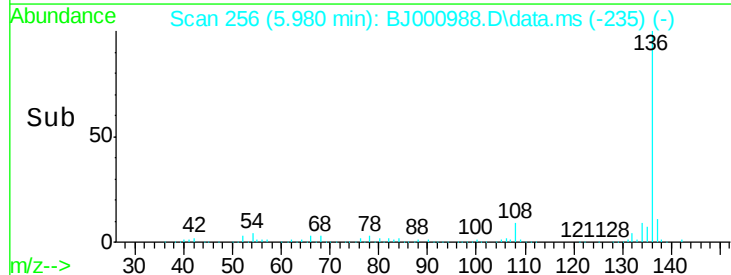
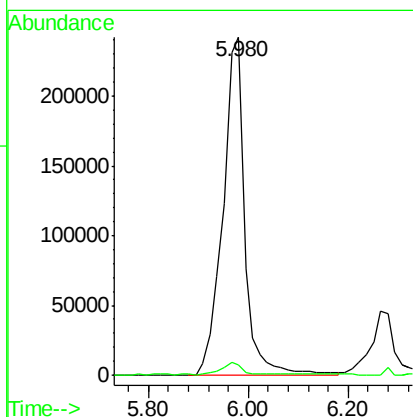
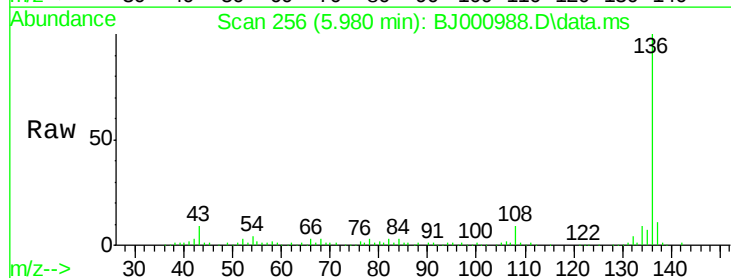
Instrument :
 BNA_J
 ClientSampleId :
 OF-45BMS

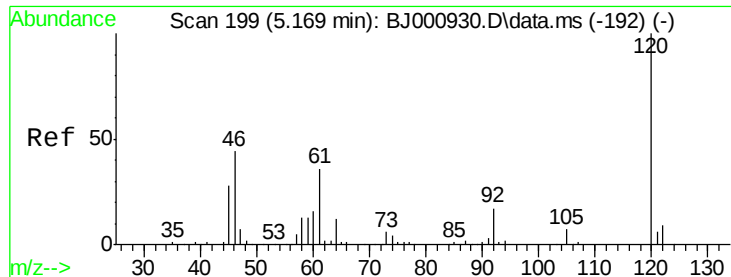
Tgt Ion: 46 Resp: 272924
 Ion Ratio Lower Upper
 46 100
 61 30.0 15.3 55.3
 104 33.3 38.4 78.4#



#6
 Naphthalene-d8
 Concen: 2.00 ug/mL
 RT: 5.980 min Scan# 256
 Delta R.T. 0.001 min
 Lab File: BJ000988.D
 Acq: 27 Jun 2012 22:59

Tgt Ion: 136 Resp: 738278
 Ion Ratio Lower Upper
 136 100
 68 2.9 0.0 22.3





#7

1,4-Dithiane

Concen: 4.45 ug/mL

RT: 5.126 min Scan# 19

Delta R.T. 0.001 min

Lab File: BJ000988.D

Acq: 27 Jun 2012 22:59

Instrument :

BNA_J

ClientSampleId :

OF-45BMS

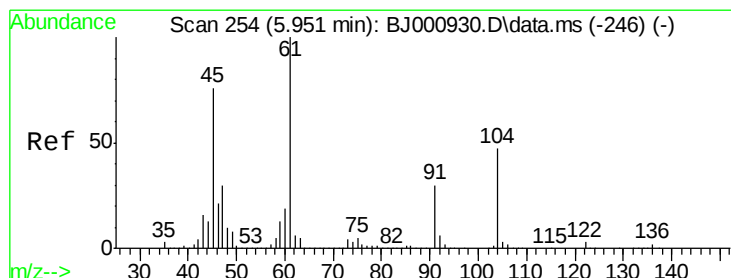
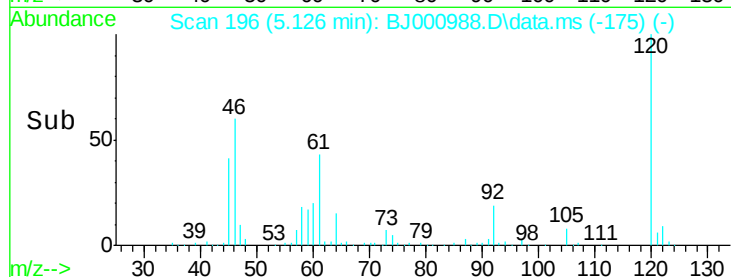
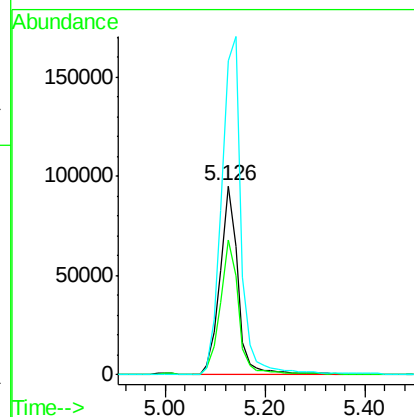
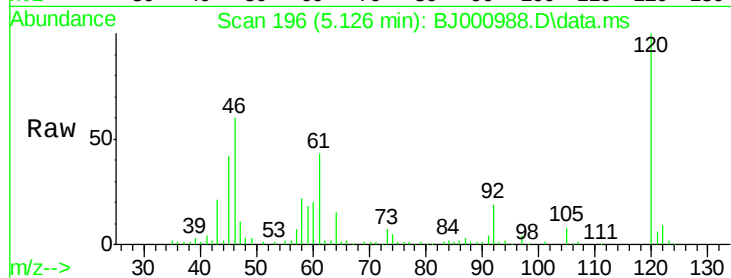
Tgt Ion: 46 Resp: 233904

Ion Ratio Lower Upper

46 100

61 71.1 50.6 90.6

120 166.5 131.1 171.1



#8

Thiodiglycol

Concen: 1.65 ug/mL

RT: 5.966 min Scan# 255

Delta R.T. 0.029 min

Lab File: BJ000988.D

Acq: 27 Jun 2012 22:59

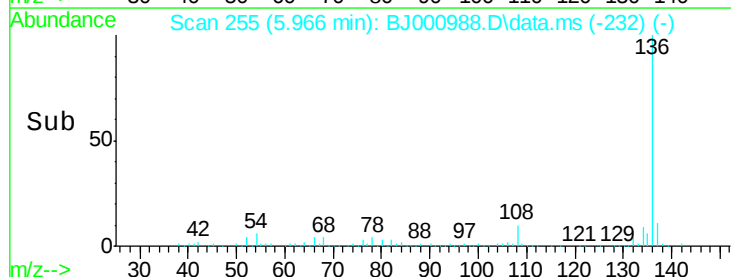
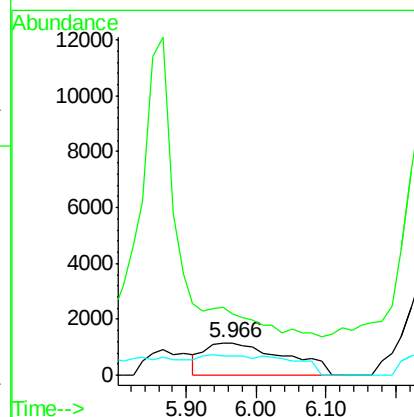
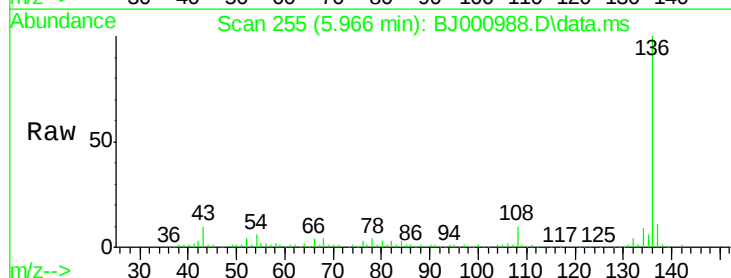
Tgt Ion: 61 Resp: 9337

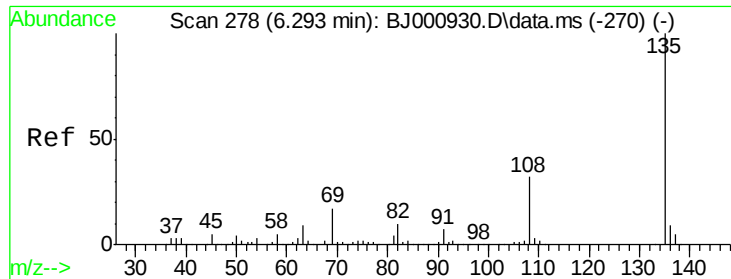
Ion Ratio Lower Upper

61 100

45 188.4 55.5 95.5#

47 60.3 10.4 50.4#





#9

Benzothiazole

Concen: 8.72 ug/mL

RT: 6.265 min Scan# 27

Delta R.T. 0.001 min

Lab File: BJ000988.D

Acq: 27 Jun 2012 22:59

Instrument :

BNA_J

ClientSampleId :

OF-45BMS

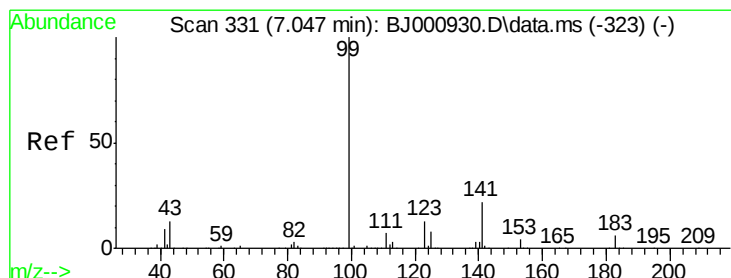
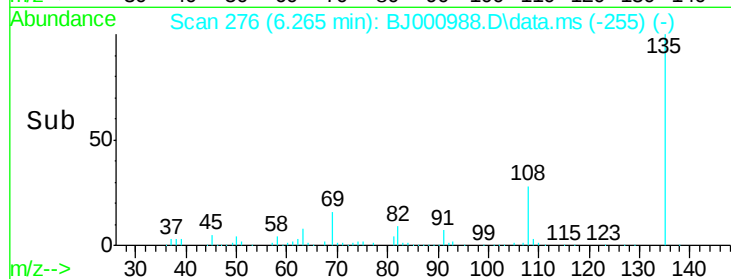
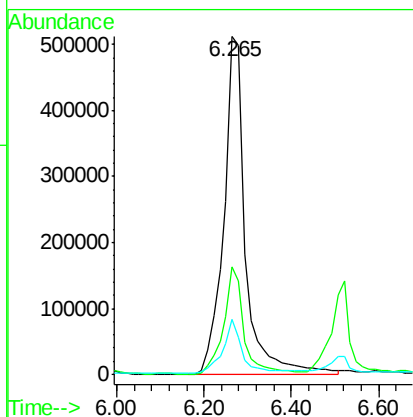
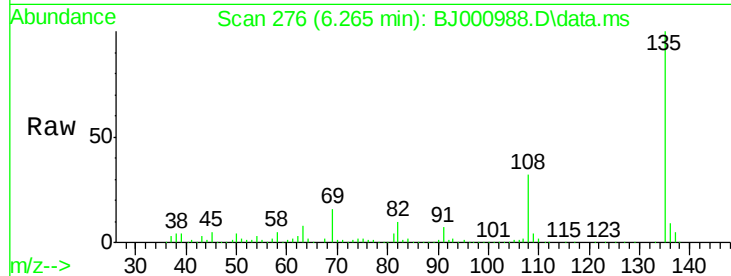
Tgt Ion:135 Resp: 1768599

Ion Ratio Lower Upper

135 100

108 31.8 12.4 52.4

69 16.2 0.0 36.7



#10

Tripropylphosphate

Concen: 0.47 ug/mL

RT: 7.048 min Scan# 331

Delta R.T. 0.029 min

Lab File: BJ000988.D

Acq: 27 Jun 2012 22:59

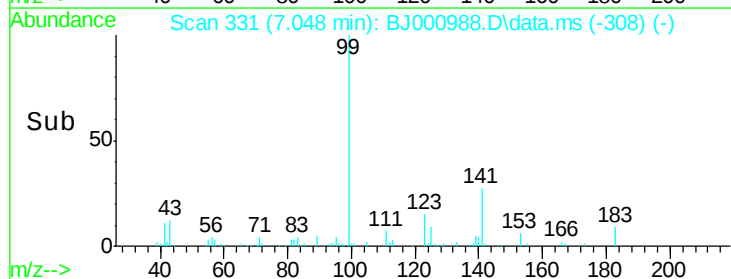
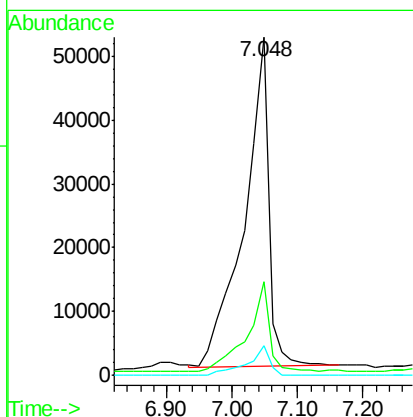
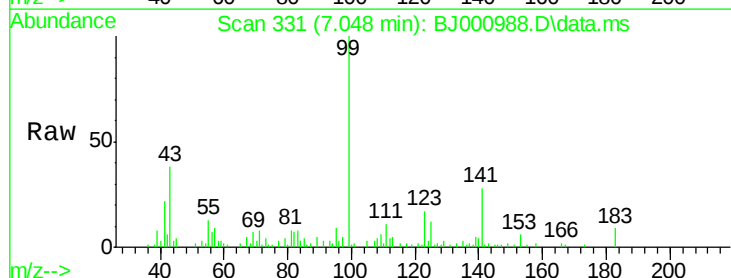
Tgt Ion: 99 Resp: 134745

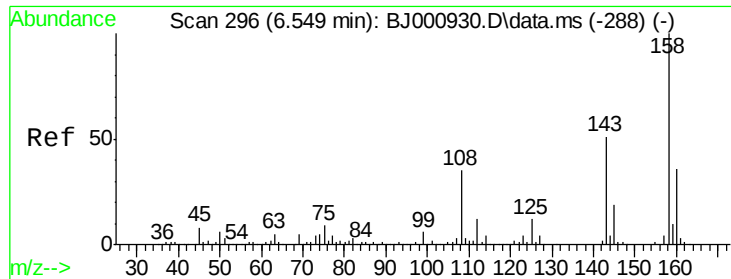
Ion Ratio Lower Upper

99 100

141 25.8 18.4 27.6

183 8.0 6.0 9.0

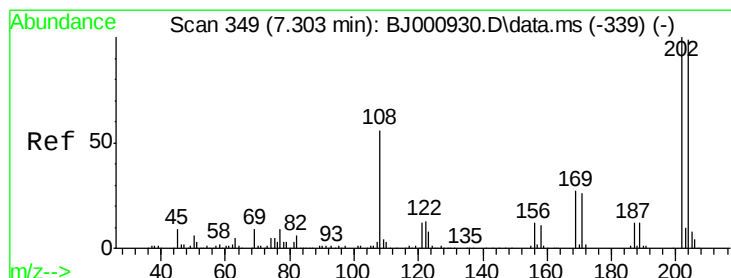
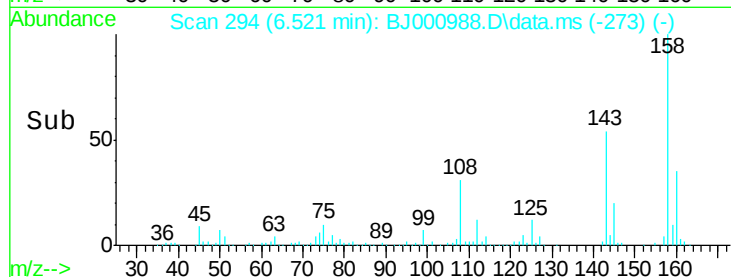
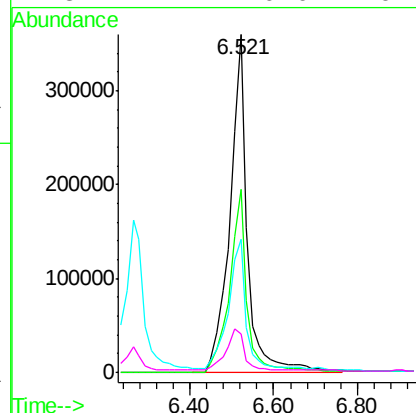
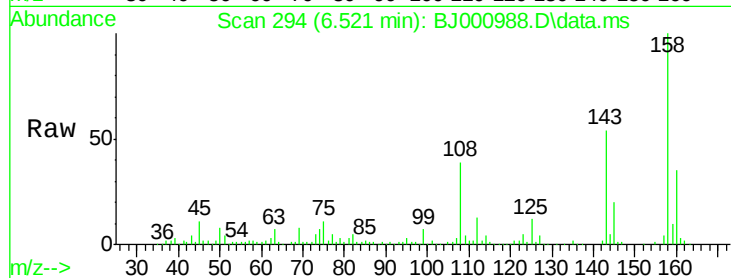




#11
p-Chlorophenylmethylsulfide
Concen: 8.22 ug/mL
RT: 6.521 min Scan# 29
Delta R.T. 0.001 min
Lab File: BJ000988.D
Acq: 27 Jun 2012 22:59

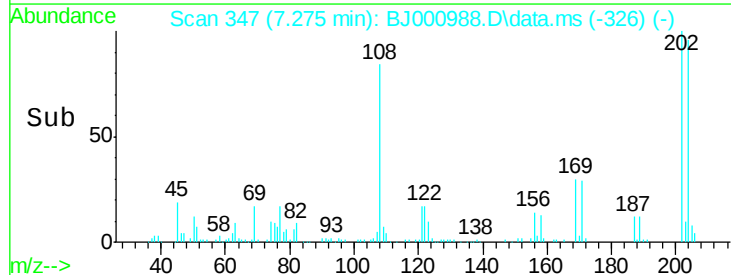
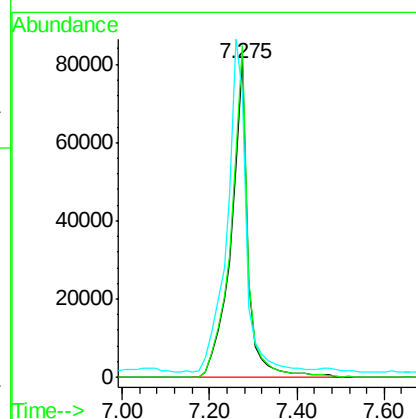
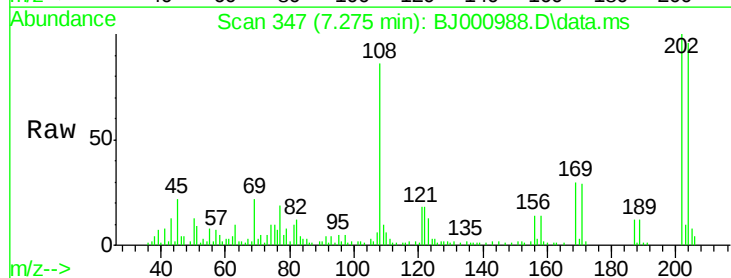
Instrument :
BNA_J
ClientSampleId :
OF-45BMS

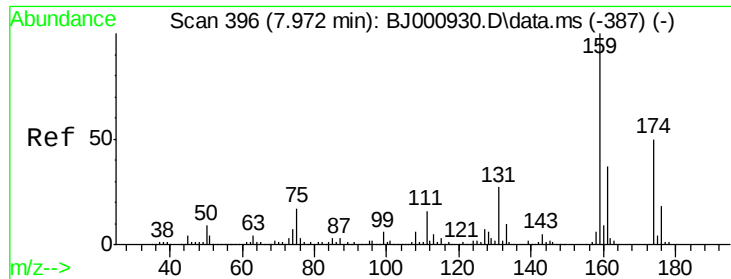
Tgt Ion:158 Resp: 1046416
Ion Ratio Lower Upper
158 100
143 54.1 31.9 71.9
108 39.4 15.8 55.8
45 11.4 0.0 29.2



#12
2-Bromothioanisole
Concen: 4.30 ug/mL
RT: 7.275 min Scan# 347
Delta R.T. 0.001 min
Lab File: BJ000988.D
Acq: 27 Jun 2012 22:59

Tgt Ion:204 Resp: 216648
Ion Ratio Lower Upper
204 100
202 104.2 84.6 124.6
108 89.5 48.1 88.1#

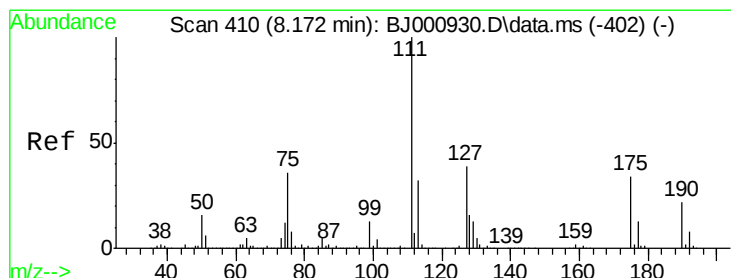
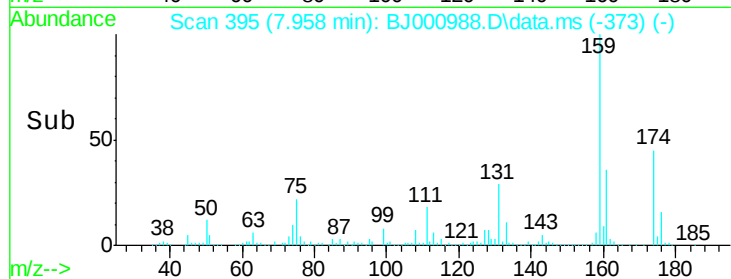
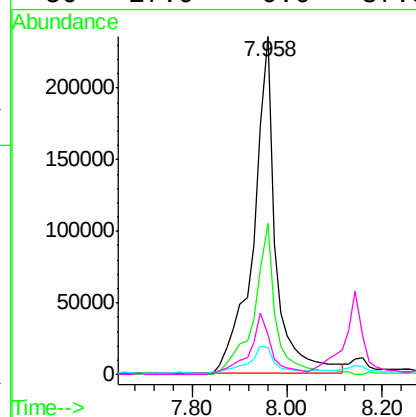
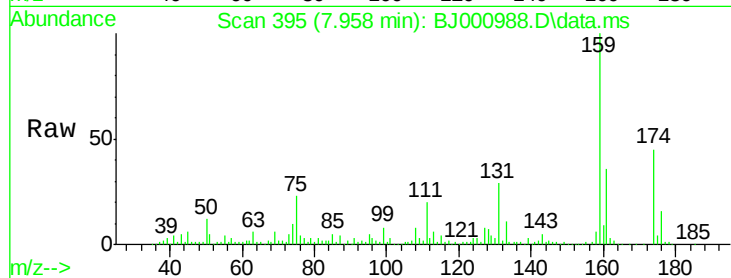




#13
p-Chlorophenylmethylsulfoxide
Concen: 10.05 ug/mL
RT: 7.958 min Scan# 39
Delta R.T. 0.015 min
Lab File: BJ000988.D
Acq: 27 Jun 2012 22:59

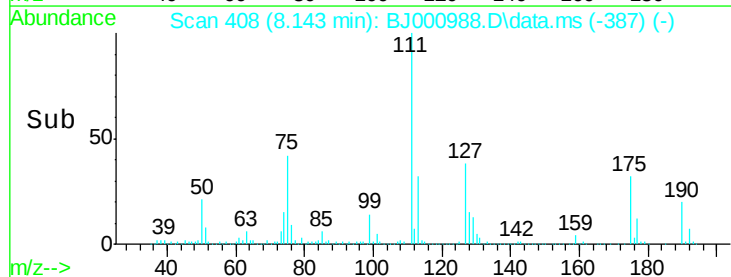
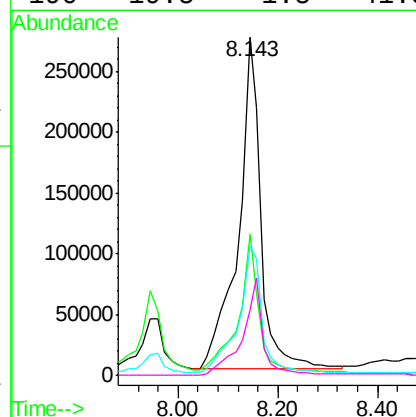
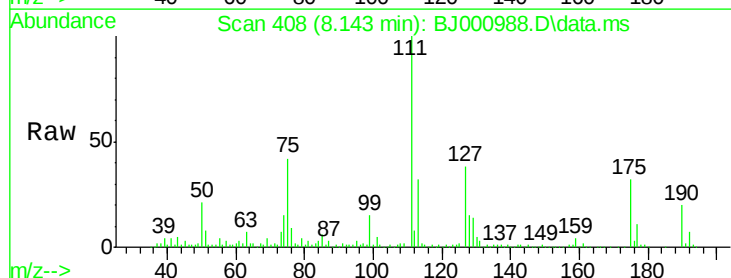
Instrument :
BNA_J
ClientSampleId :
OF-45BMS

Tgt Ion:	159	Resp:	760408
Ion Ratio	Lower	Upper	
159	100		
174	44.6	26.0	66.0
108	8.9	0.0	28.6
50	17.9	0.0	37.3



#14
p-Chlorophenylmethylsulfone
Concen: 7.90 ug/mL
RT: 8.143 min Scan# 408
Delta R.T. 0.001 min
Lab File: BJ000988.D
Acq: 27 Jun 2012 22:59

Tgt Ion:	111	Resp:	848478
Ion Ratio	Lower	Upper	
111	100		
75	41.8	19.3	59.3
127	38.3	18.4	58.4
190	19.5	1.5	41.5



Data Path : Z:\HPCHEM1\BNA_J\data\BJ062712\
 Data File : BJ000988.D
 Acq On : 27 Jun 2012 22:59
 Operator : HLM
 Sample : D3156-08MS
 Misc : WATER BNA_J HLM
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 OF-45BMS

Quant Time: Jul 02 07:23:52 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Thu Jun 28 10:45:59 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.685	152	175860	2.00	ug/mL	0.00
6) Naphthalene-d8	5.980	136	738278	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	7.048	99	134745	0.47	ug/mL	0.03
Spiked Amount 0.500	Range 70 - 130		Recovery	=	94.00%	
12) 2-Bromothioanisole	7.275	204	216648	4.30	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	86.00%	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.664	94	227255	3.81	ug/mL#	62
3) DMMP	3.603	79	14522	0.25	ug/mL	94
4) DIMP	5.012	97	688261	4.58	ug/mL	92
5) 1,4-Oxathiane	3.675	46	272924	4.65	ug/mL#	76
7) 1,4-Dithiane	5.126	46	233904	4.45	ug/mL	92
8) Thiodiglycol	5.966	61	9337	1.65	ug/mL#	1
9) Benzothiazole	6.265	135	1768599	8.72	ug/mL	99
11) p-Chlorophenylmethyisu...	6.521	158	1046416	8.22	ug/mL	95
13) p-Chlorophenylmethyisu...	7.958	159	760408	10.05	ug/mL	98
14) p-Chlorophenylmethyisu...	8.143	111	848478	7.90	ug/mL	97

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