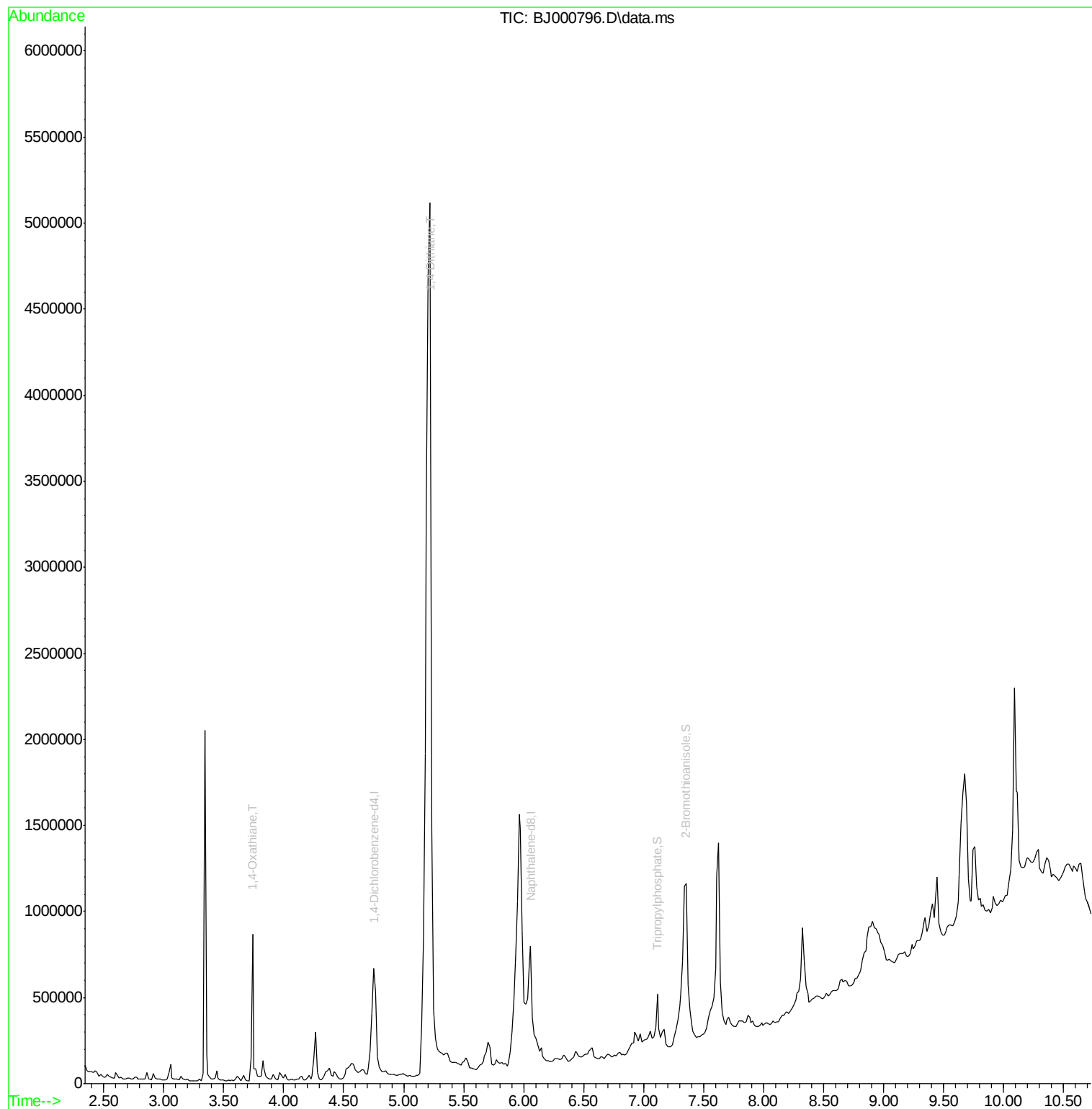
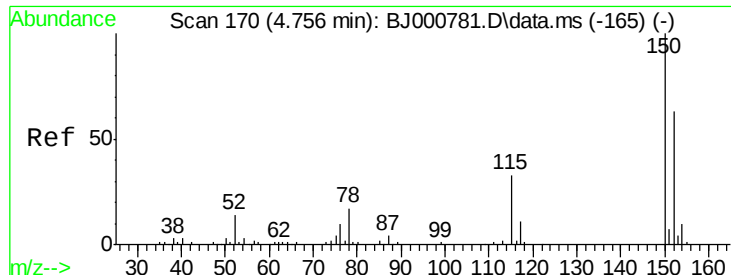


Data Path : Z:\HPCHEM1\BNA\_J\data\BJ042612\  
Data File : BJ000796.D  
Acq On : 26 Apr 2012 19:18  
Operator : HLM  
Sample : D2292-07  
Misc : WATER BNA\_J HLM  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_J  
ClientSampleId :  
OFD-OF42-041912

Quant Time: May 03 01:30:20 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: 4.751 min Scan# 17

Delta R.T. -0.014 min

Lab File: BJ000796.D

Acq: 26 Apr 2012 19:18

Instrument :

BNA\_J

ClientSampleId :

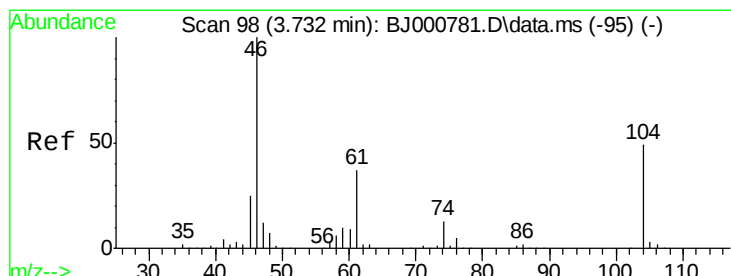
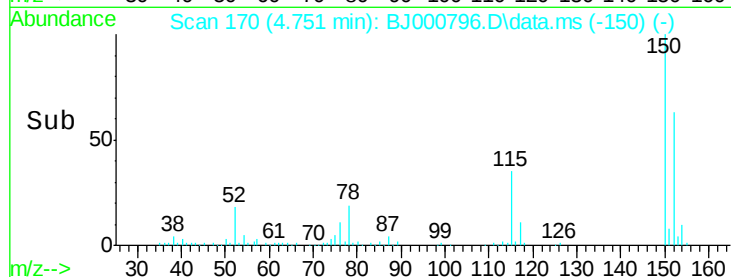
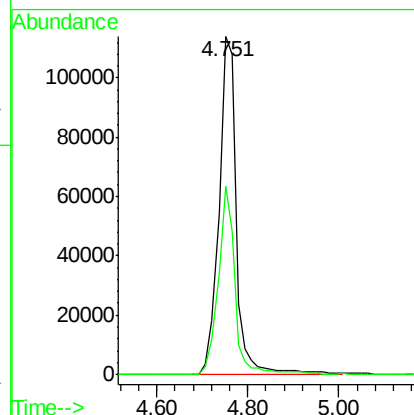
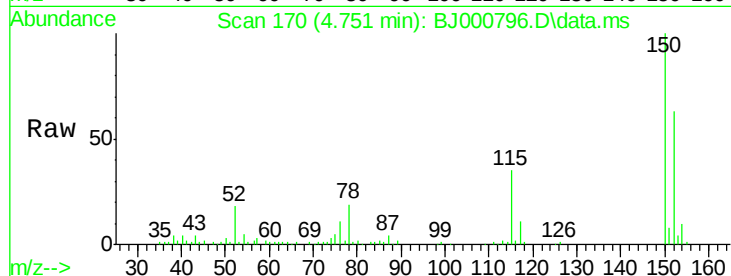
OFD-OF42-041912

Tgt Ion:152 Resp: 300798

Ion Ratio Lower Upper

152 100

115 55.6 24.2 64.2



#5

1,4-Oxathiane

Concen: 2.52 ug/mL

RT: 3.740 min Scan# 99

Delta R.T. 0.000 min

Lab File: BJ000796.D

Acq: 26 Apr 2012 19:18

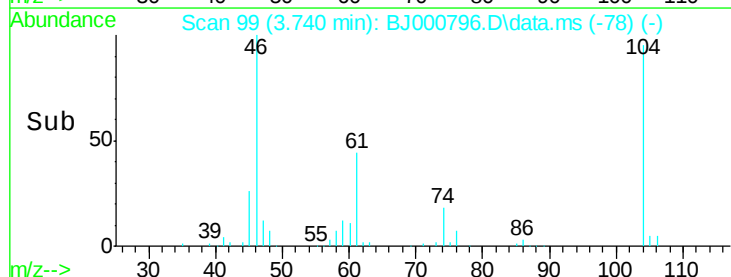
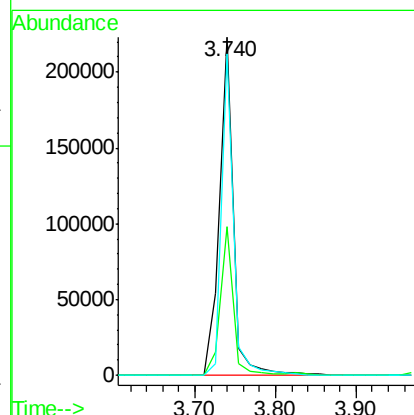
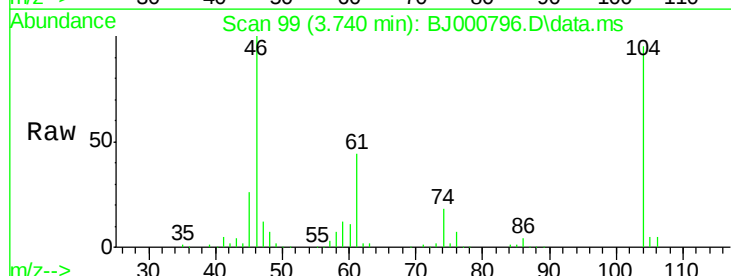
Tgt Ion: 46 Resp: 268506

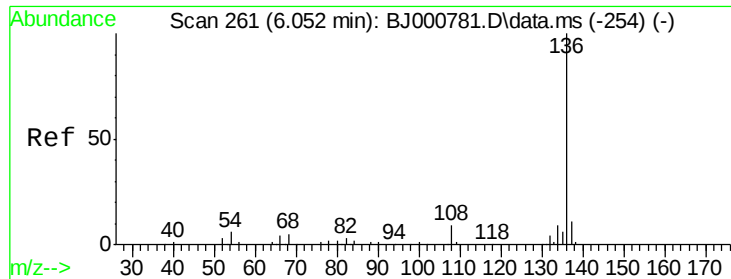
Ion Ratio Lower Upper

46 100

61 43.9 23.6 63.6

104 95.2 76.3 116.3





#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 6.060 min Scan# 261

Delta R.T. 0.000 min

Lab File: BJ000796.D

Acq: 26 Apr 2012 19:18

Instrument :

BNA\_J

ClientSampleId :

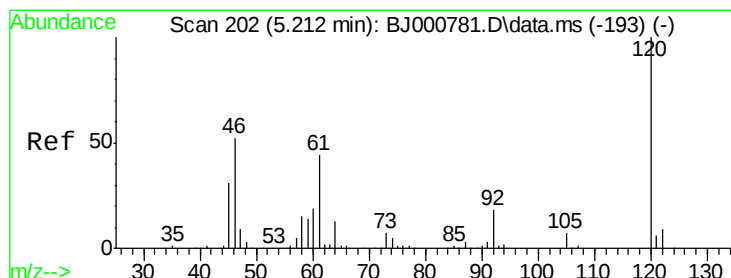
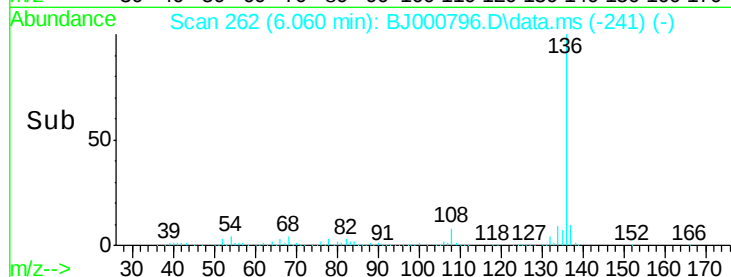
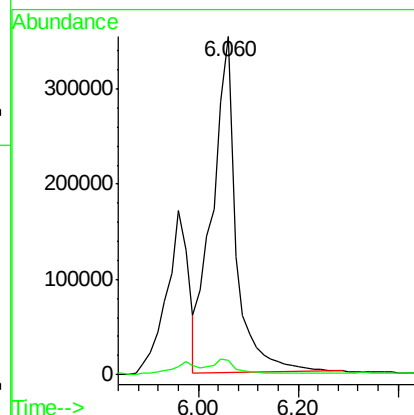
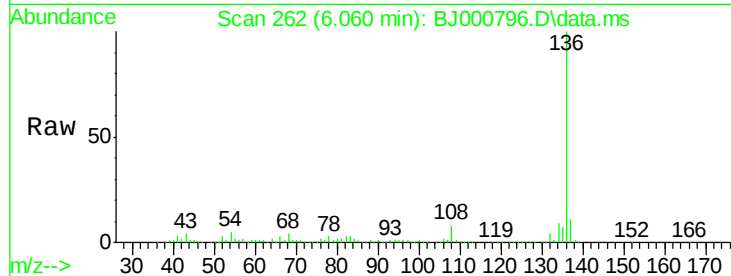
OFD-OF42-041912

Tgt Ion:136 Resp: 1164018

Ion Ratio Lower Upper

136 100

68 4.2 0.0 23.3



#7

1,4-Dithiane

Concen: 28.21 ug/mL

RT: 5.220 min Scan# 203

Delta R.T. 0.015 min

Lab File: BJ000796.D

Acq: 26 Apr 2012 19:18

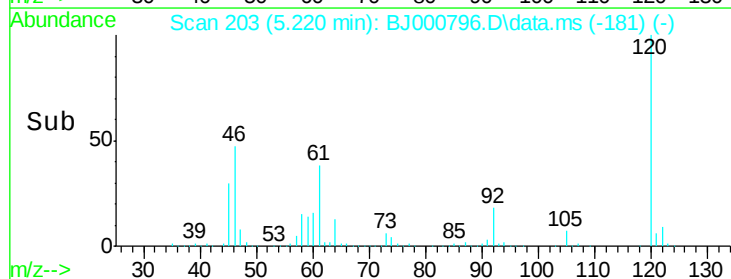
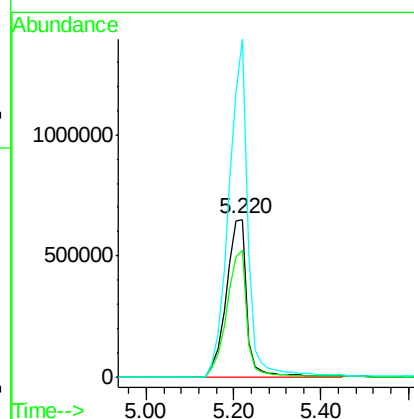
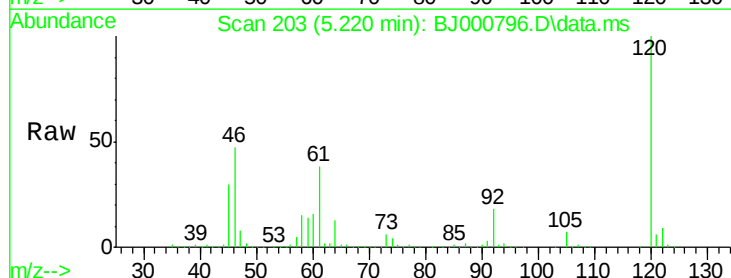
Tgt Ion: 46 Resp: 2169274

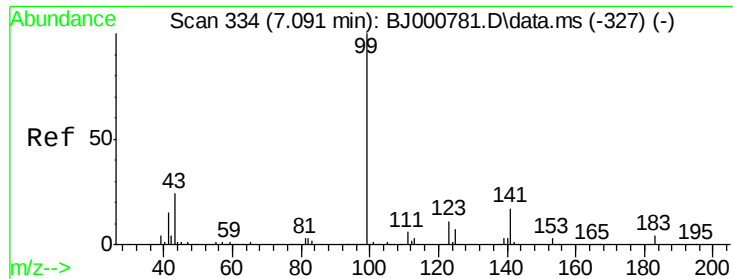
Ion Ratio Lower Upper

46 100

61 80.6 60.3 100.3

120 213.8 146.0 186.0#





#10

Tripropylphosphate

Concen: 0.59 ug/mL

RT: 7.113 min Scan# 33

Delta R.T. 0.015 min

Lab File: BJ000796.D

Acq: 26 Apr 2012 19:18

Instrument :

BNA\_J

ClientSampleId :

OFD-OF42-041912

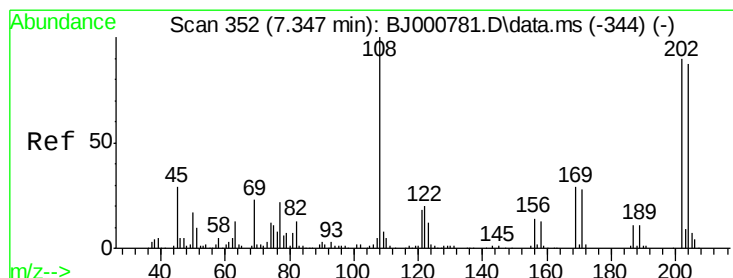
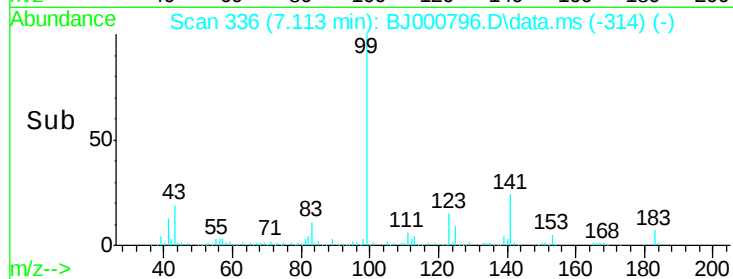
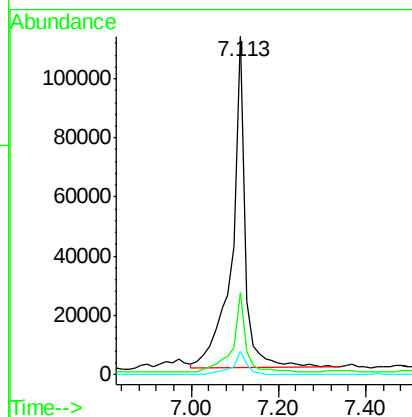
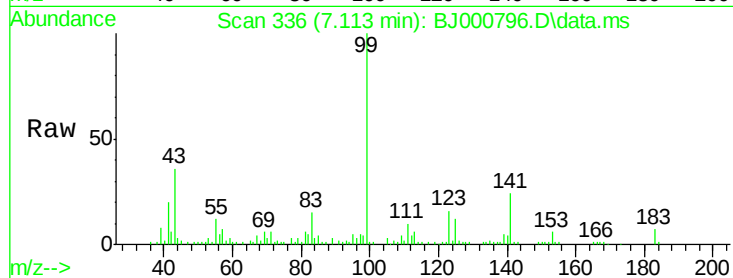
Tgt Ion: 99 Resp: 234156

Ion Ratio Lower Upper

99 100

141 23.5 18.7 28.1

183 7.7 6.1 9.1



#12

2-Bromothioanisole

Concen: 4.61 ug/mL

RT: 7.355 min Scan# 353

Delta R.T. 0.000 min

Lab File: BJ000796.D

Acq: 26 Apr 2012 19:18

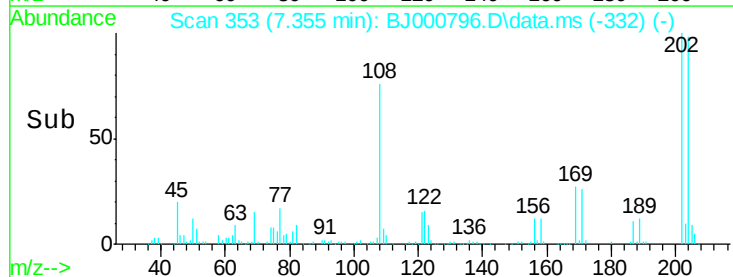
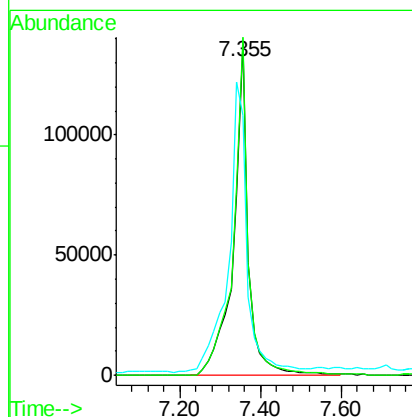
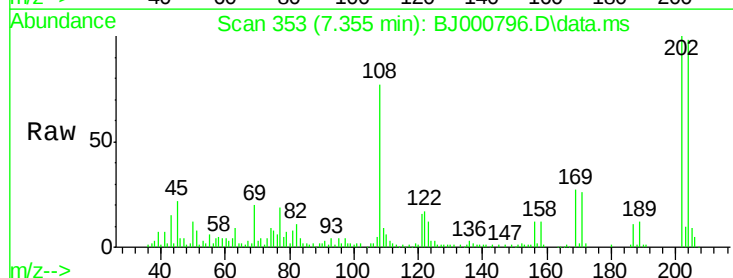
Tgt Ion: 204 Resp: 352215

Ion Ratio Lower Upper

204 100

202 101.9 82.8 122.8

108 78.3 49.2 89.2



Data Path : Z:\HPCHEM1\BNA\_J\data\BJ042612\  
 Data File : BJ000796.D  
 Acq On : 26 Apr 2012 19:18  
 Operator : HLM  
 Sample : D2292-07  
 Misc : WATER BNA\_J HLM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_J  
 ClientSampleId :  
 OFD-OF42-041912

Quant Time: May 03 01:30:20 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   | 4.751 | 152      | 300798   | 2.00  | ug/mL   | -0.01    |
| 6) Naphthalene-d8           | 6.060 | 136      | 1164018  | 2.00  | ug/mL   | 0.00     |
| System Monitoring Compounds |       |          |          |       |         |          |
| 10) Tripropylphosphate      | 7.113 | 99       | 234156   | 0.59  | ug/mL   | 0.01     |
| Spiked Amount 0.500         | Range | 70 - 130 | Recovery | =     | 118.00% |          |
| 12) 2-Bromothioanisole      | 7.355 | 204      | 352215   | 4.61  | ug/mL   | 0.00     |
| Spiked Amount 5.000         | Range | 70 - 130 | Recovery | =     | 92.20%  |          |
| Target Compounds            |       |          |          |       |         |          |
|                             |       |          |          |       |         | Qvalue   |
| 5) 1,4-Oxathiane            | 3.740 | 46       | 268506   | 2.52  | ug/mL   | 99       |
| 7) 1,4-Dithiane             | 5.220 | 46       | 2169274  | 28.21 | ug/mL#  | 76       |
| -----                       |       |          |          |       |         |          |

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