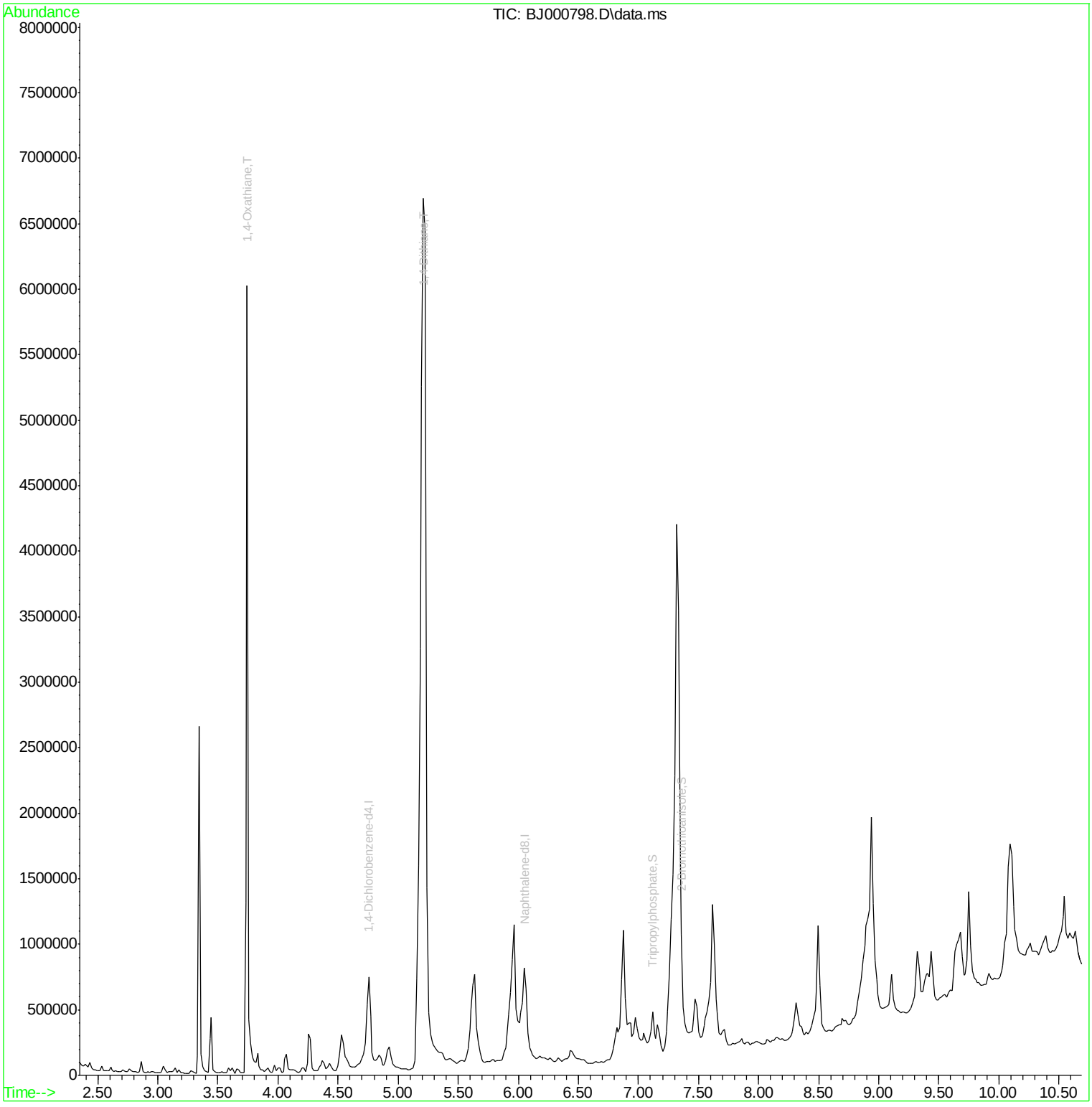
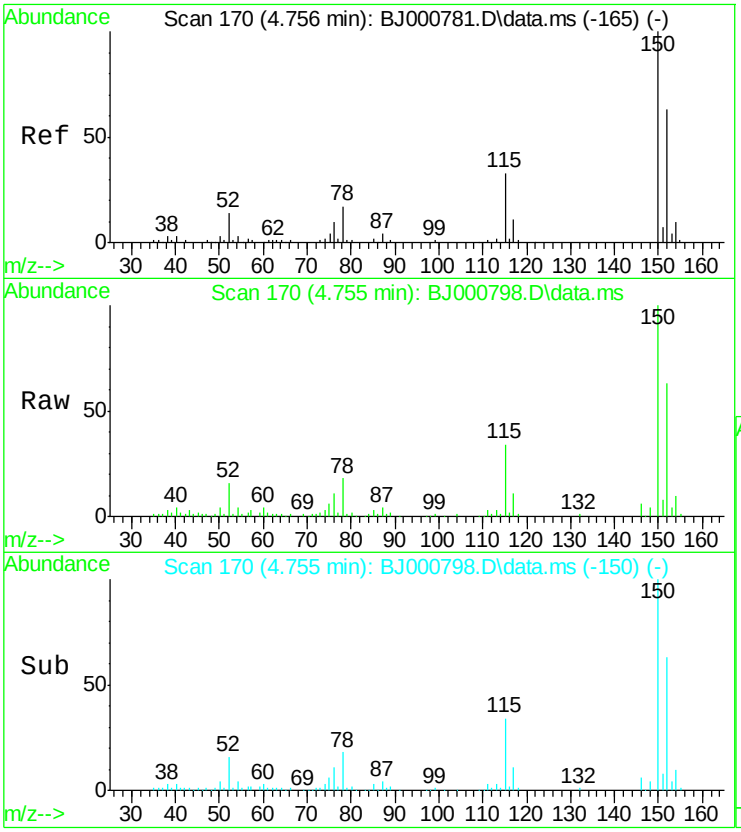
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\data\BJ042612\
Data File : BJ000798.D
Acq On : 26 Apr 2012 19:55
Operator : HLM
Sample : D2292-09
Misc : WATER BNA_J HLM
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_J
**ClientSampleId :**
OFD-OF17A-041912

Quant Time: May 03 01:30:30 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
Quant Title : CWA degredation products by GCMS
QLast Update : Fri Apr 27 11:32:02 2012
Response via : Initial Calibration



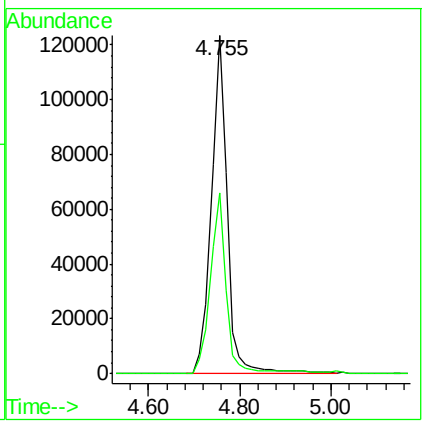


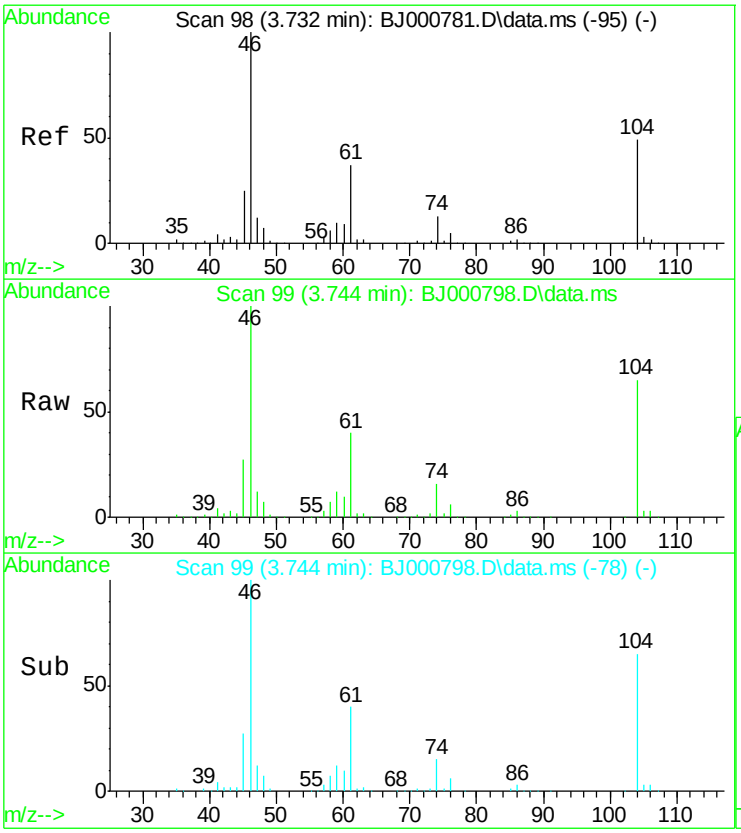

#1
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.755 min Scan# 17
Delta R.T. -0.010 min
Lab File: BJ000798.D
Acq: 26 Apr 2012 19:55

**Instrument :**
BNA_J
**ClientSampleId :**
OFD-OF17A-041912

Tgt Ion:152 Resp: 293571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.4 | 24.2 | 64.2 |

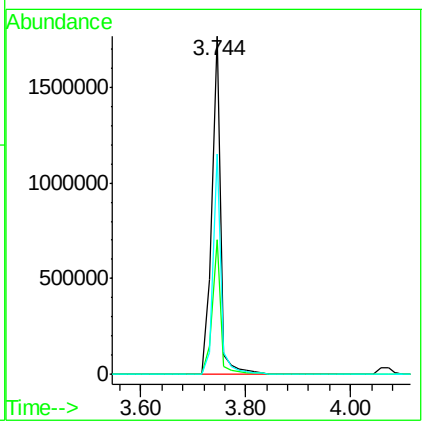


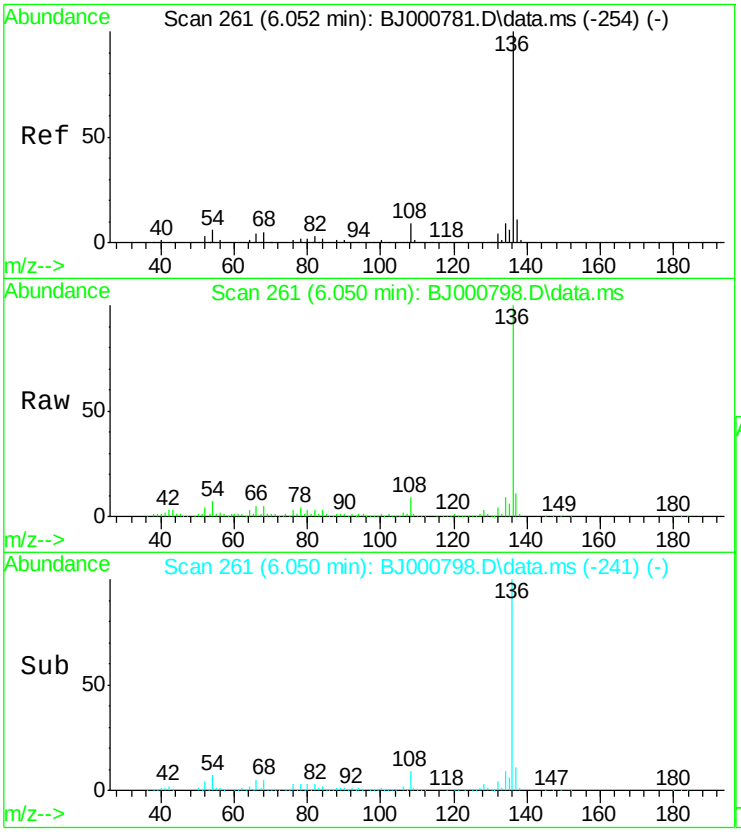




#5
1,4-Oxathiane
Concen: 20.49 ug/mL
RT: 3.744 min Scan# 99
Delta R.T. 0.005 min
Lab File: BJ000798.D
Acq: 26 Apr 2012 19:55

Tgt Ion: 46 Resp: 2133250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 46 | 100 | | |
| 61 | 39.8 | 23.6 | 63.6 |
| 104 | 65.2 | 76.3 | 116.3# |



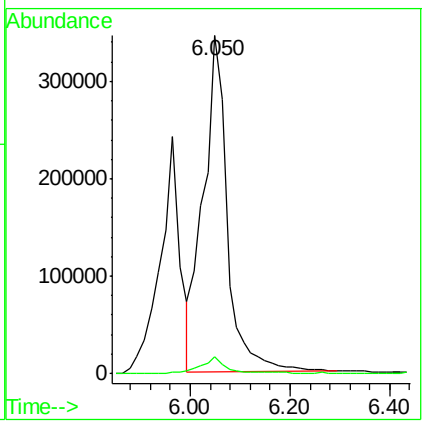


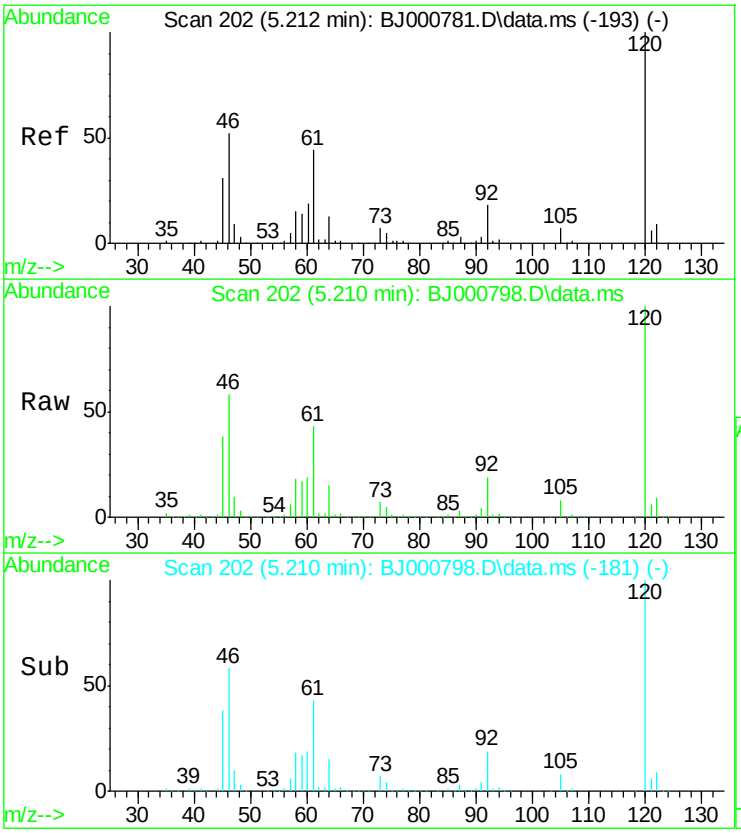

#6
Naphthalene-d8
Concen: 2.00 ug/mL
RT: 6.050 min Scan# 26
Delta R.T. -0.010 min
Lab File: BJ000798.D
Acq: 26 Apr 2012 19:55

**Instrument :**
BNA_J
**ClientSampleId :**
OFD-OF17A-041912

Tgt Ion:136 Resp: 1149047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 68 | 5.0 | 0.0 | 23.3 |

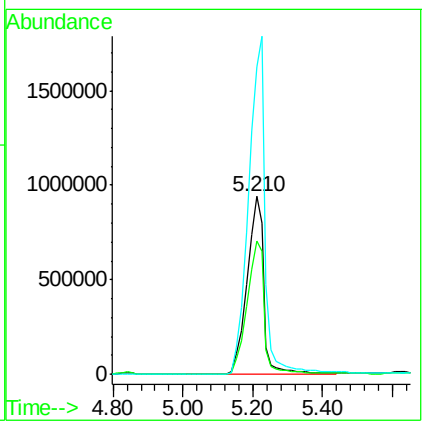


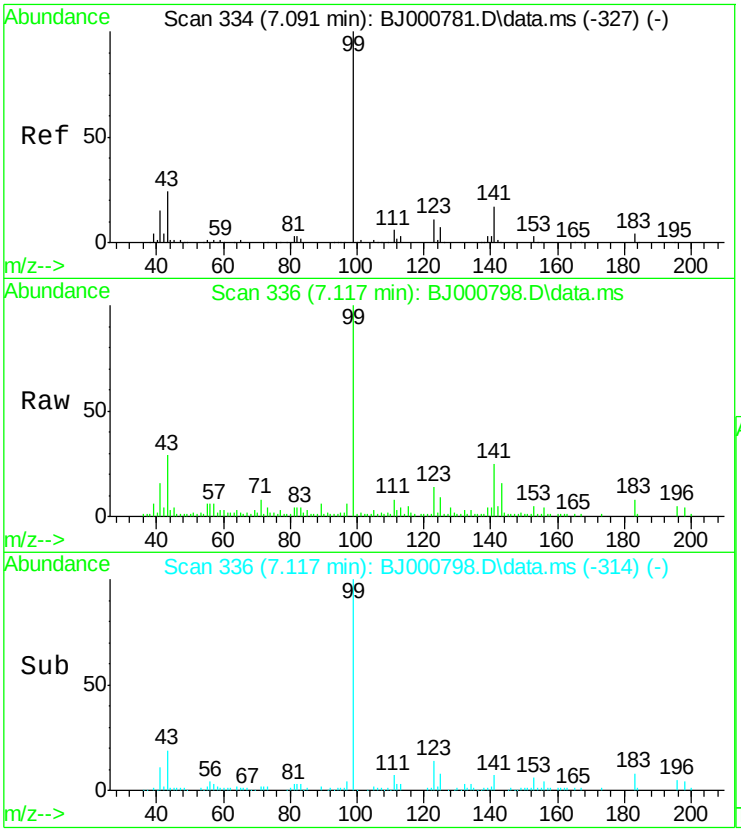




#7
1,4-Dithiane
Concen: 41.28 ug/mL
RT: 5.210 min Scan# 202
Delta R.T. 0.005 min
Lab File: BJ000798.D
Acq: 26 Apr 2012 19:55

Tgt Ion: 46 Resp: 3133132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 46 | 100 | | |
| 61 | 74.8 | 60.3 | 100.3 |
| 120 | 173.2 | 146.0 | 186.0 |



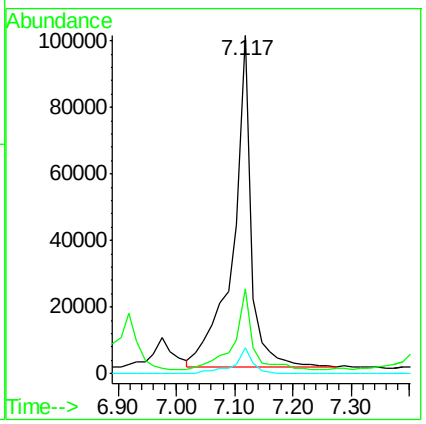


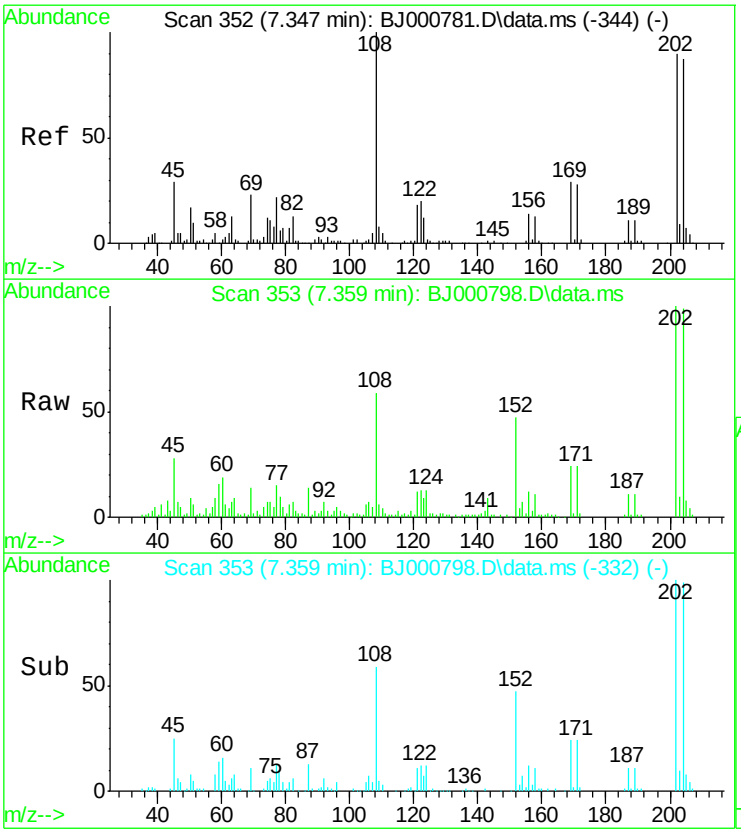

#10
Tripropylphosphate
Concen: 0.54 ug/mL
RT: 7.117 min Scan# 33
Delta R.T. 0.019 min
Lab File: BJ000798.D
Acq: 26 Apr 2012 19:55

**Instrument :**
BNA_J
**ClientSampleId :**
OFD-OF17A-041912

Tgt Ion: 99 Resp: 212033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 141 | 25.0 | 18.7 | 28.1 |
| 183 | 8.1 | 6.1 | 9.1 |

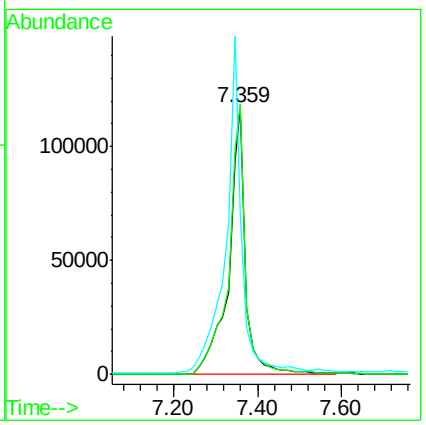



#12
2-Bromothioanisole
Concen: 4.34 ug/mL
RT: 7.359 min Scan# 353
Delta R.T. 0.005 min
Lab File: BJ000798.D
Acq: 26 Apr 2012 19:55

Tgt Ion:204 Resp: 327316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 202 | 101.2 | 82.8 | 122.8 |
| 108 | 60.0 | 49.2 | 89.2 |



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\data\BJ042612\
Data File : BJ000798.D
Acq On : 26 Apr 2012 19:55
Operator : HLM
Sample : D2292-09
Misc : WATER BNA_J HLM
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_J
**ClientSampleId :** OFD-OF17A-041912

Quant Time: May 03 01:30:30 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
Quant Title : CWA degredation 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 | 4.755 | 152 | 293571 | 2.00 | ug/mL | 0.00 |
| 6) Naphthalene-d8 | 6.050 | 136 | 1149047 | 2.00 | ug/mL | 0.00 |
| System Monitoring Compounds | | | | | | |
| 10) Tripropylphosphate | 7.117 | 99 | 212033 | 0.54 | ug/mL | 0.02 |
| Spiked Amount 0.500 | Range 70 - 130 | | Recovery = 108.00% | | | |
| 12) 2-Bromothioanisole | 7.359 | 204 | 327316 | 4.34 | ug/mL | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 86.80% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) 1,4-Oxathiane | 3.744 | 46 | 2133250 | 20.49 | ug/mL# | 76 |
| 7) 1,4-Dithiane | 5.210 | 46 | 3133132 | 41.28 | ug/mL | 94 |

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