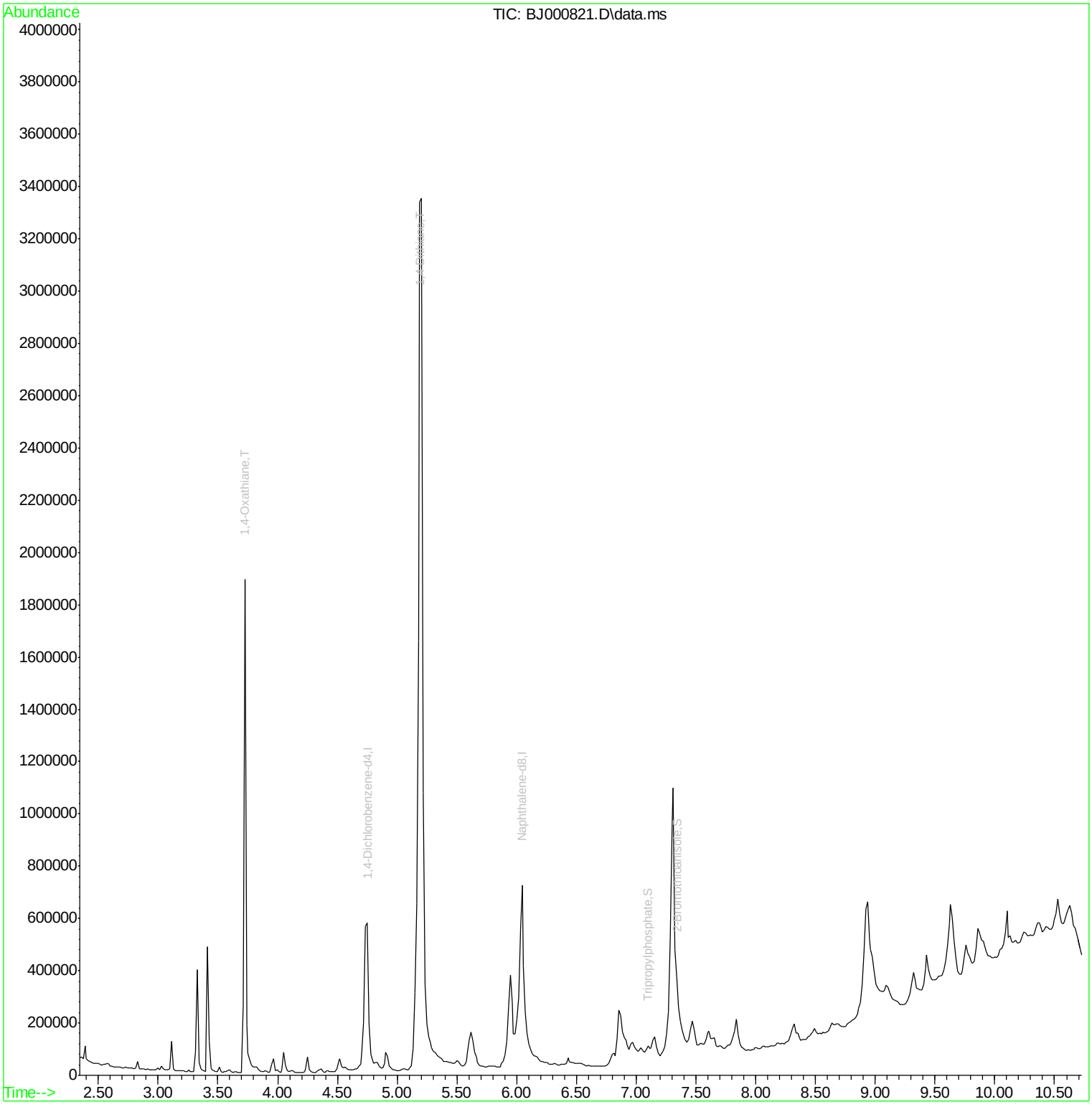
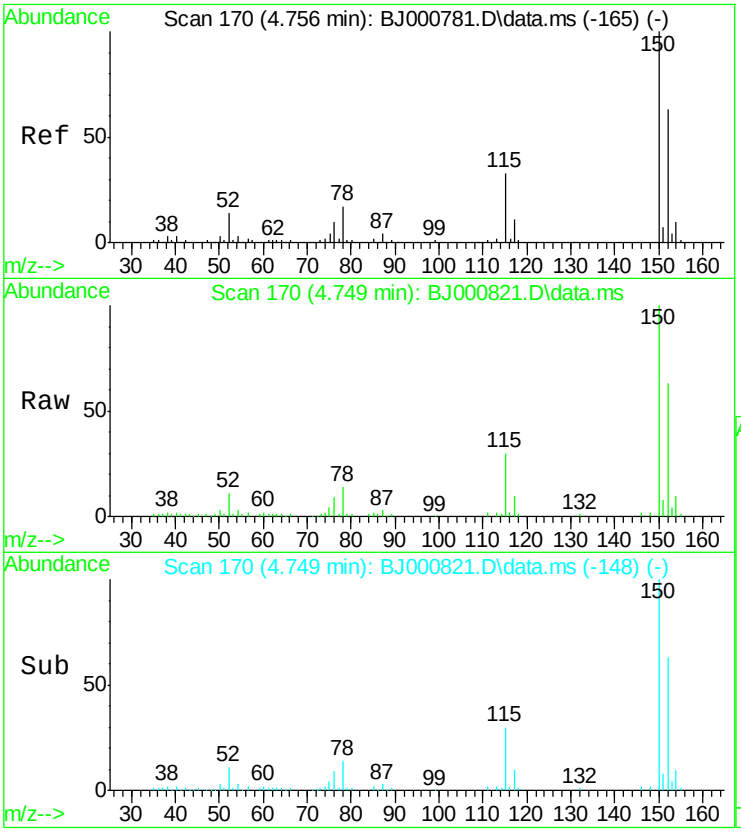
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\data\BJ042712\
Data File : BJ000821.D
Acq On : 27 Apr 2012 12:42
Operator : HLM
Sample : D2330-09DL 5X
Misc : WATER BNA_J HLM
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_J
**ClientSampleId :**
OFD-OF54-042012DL

Quant Time: May 02 07:13:58 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
Quant Title : CWA degredation products by GCMS
QLast Update : Fri Apr 27 15:25:19 2012
Response via : Initial Calibration



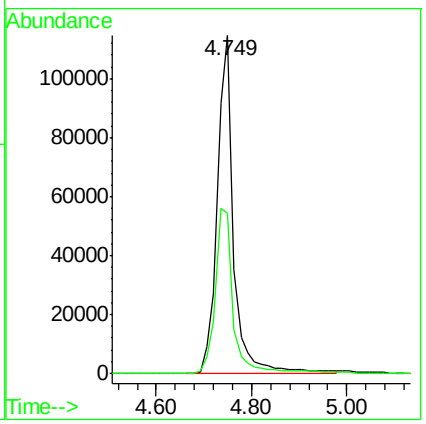


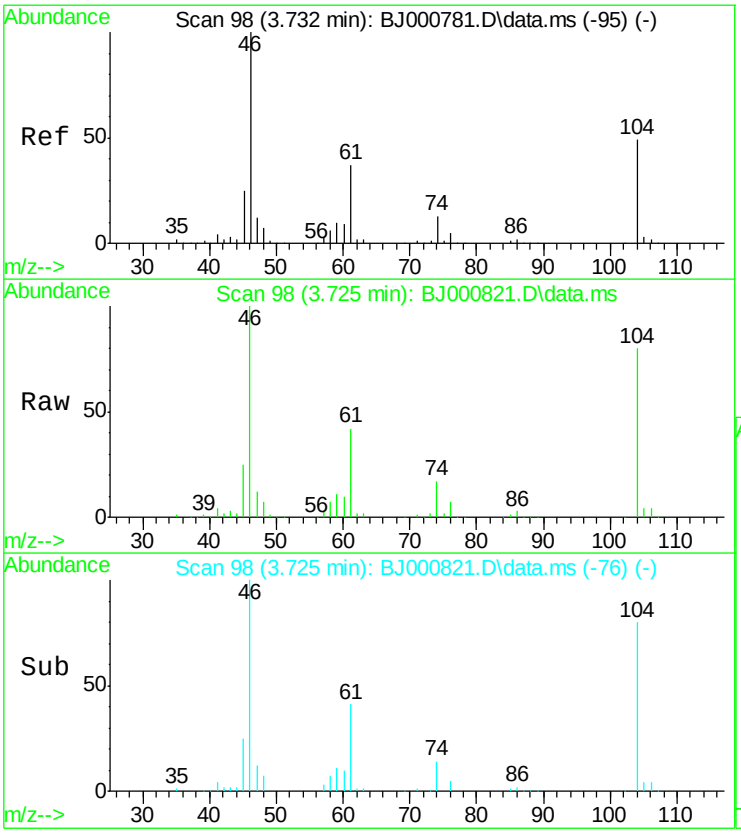

#1
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.749 min Scan# 17
Delta R.T. 0.011 min
Lab File: BJ000821.D
Acq: 27 Apr 2012 12:42

**Instrument :**
BNA_J
**ClientSampleId :**
OFD-OF54-042012DL

Tgt Ion:152 Resp: 272963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 47.3 | 40.7 | 80.7 |

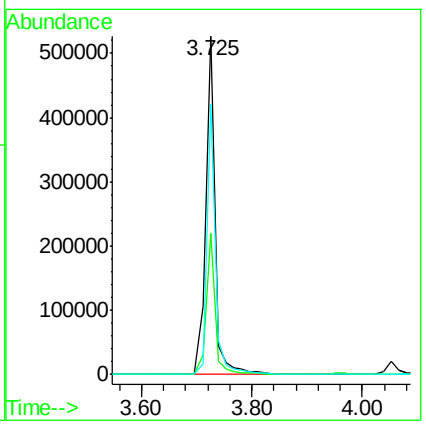


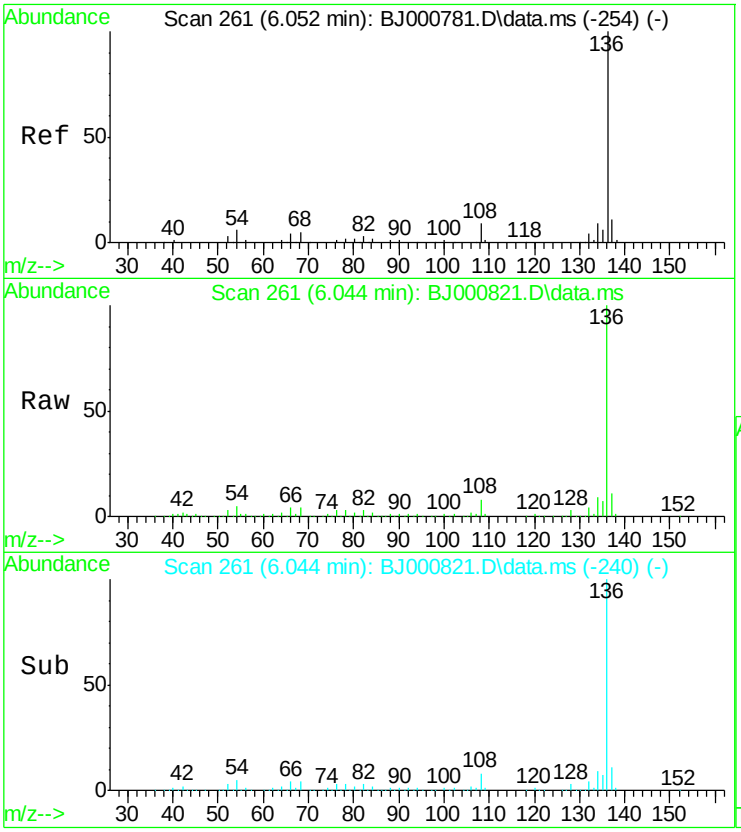




#5
1,4-Oxathiane
Concen: 6.42 ug/mL
RT: 3.725 min Scan# 98
Delta R.T. 0.011 min
Lab File: BJ000821.D
Acq: 27 Apr 2012 12:42

Tgt Ion: 46 Resp: 621404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 46 | 100 | | |
| 61 | 41.8 | 10.3 | 50.3 |
| 104 | 80.0 | 3.0 | 43.0# |



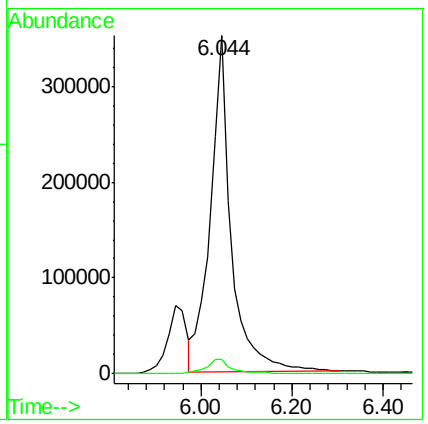


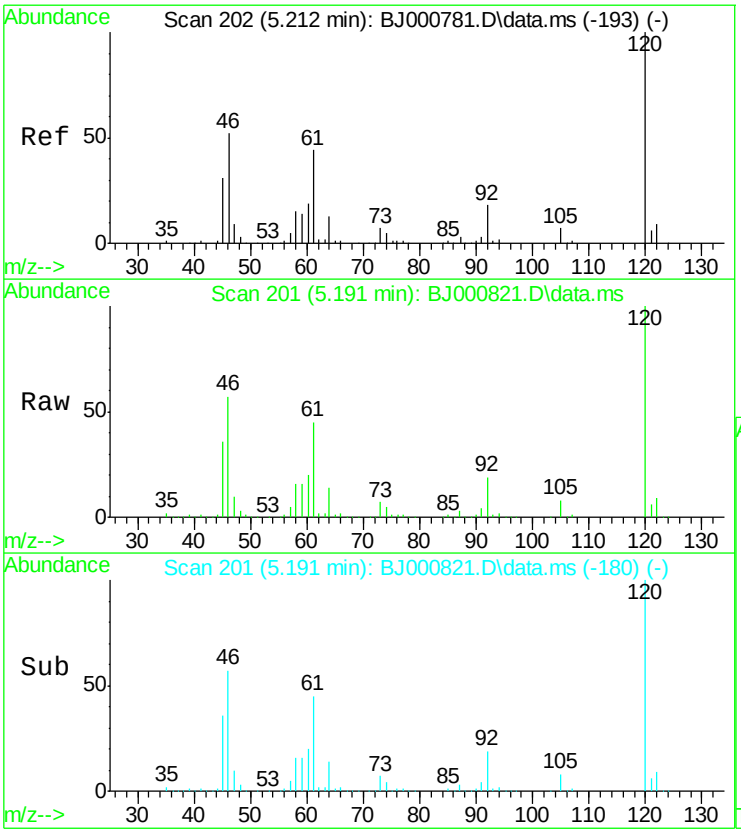

#6
Naphthalene-d8
Concen: 2.00 ug/mL
RT: 6.044 min Scan# 26
Delta R.T. -0.003 min
Lab File: BJ000821.D
Acq: 27 Apr 2012 12:42

**Instrument :**
BNA_J
**ClientSampleId :**
OFD-OF54-042012DL

Tgt Ion:136 Resp: 1101764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 68 | 4.3 | 0.0 | 23.0 |

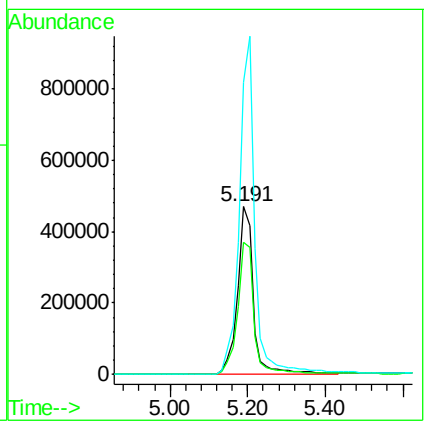


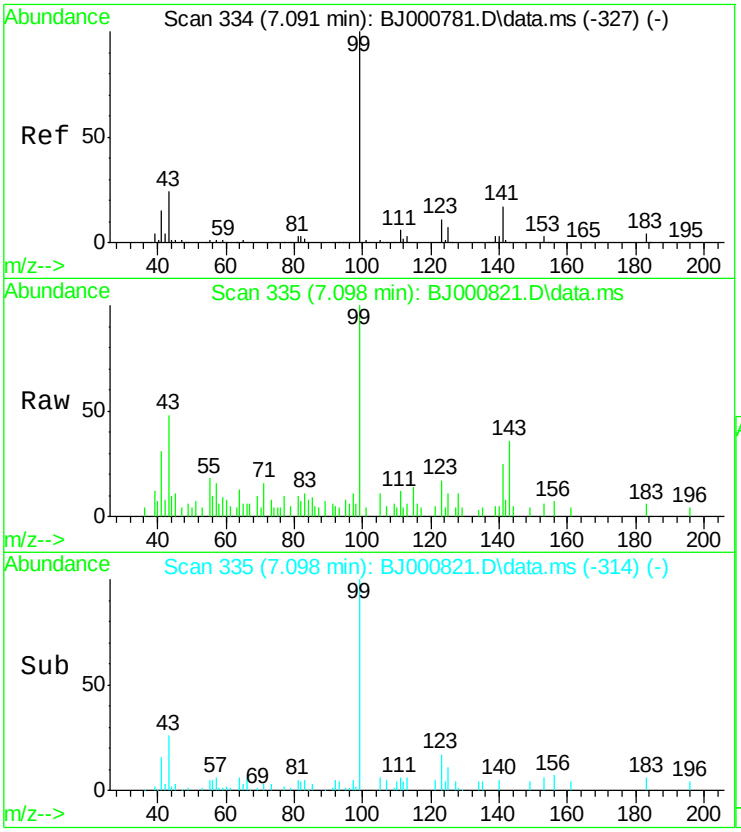




#7
1,4-Dithiane
Concen: 18.32 ug/mL
RT: 5.191 min Scan# 201
Delta R.T. -0.003 min
Lab File: BJ000821.D
Acq: 27 Apr 2012 12:42

Tgt Ion: 46 Resp: 1333514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 46 | 100 | | |
| 61 | 79.1 | 58.9 | 98.9 |
| 120 | 174.2 | 151.7 | 191.7 |



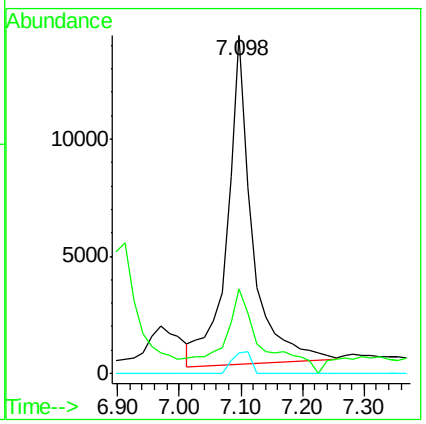


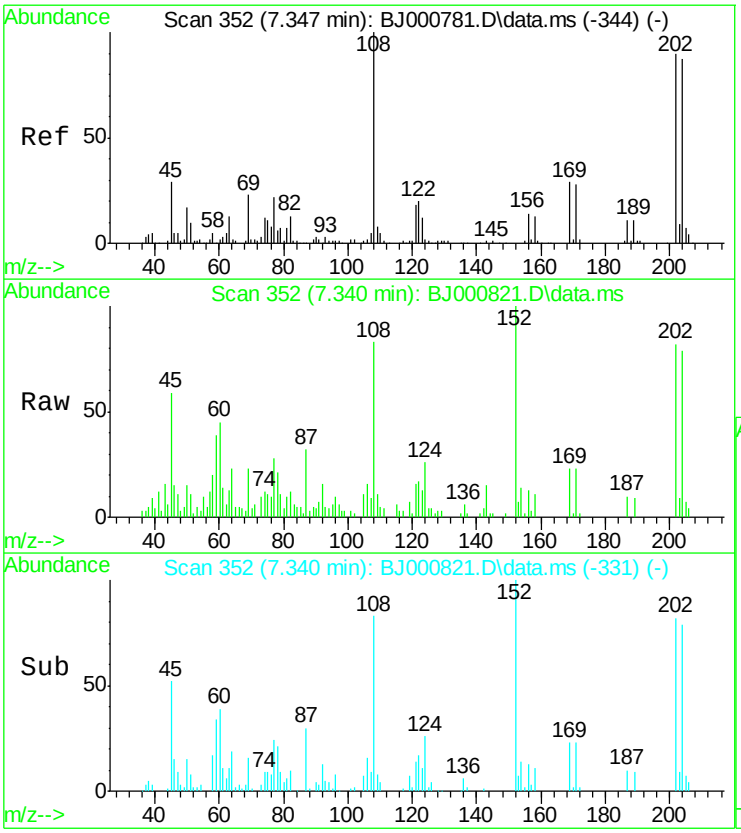

#10
Tripropylphosphate
Concen: 0.11 ug/mL
RT: 7.098 min Scan# 33
Delta R.T. -0.003 min
Lab File: BJ000821.D
Acq: 27 Apr 2012 12:42

**Instrument :**
BNA_J
**ClientSampleId :**
OFD-OF54-042012DL

Tgt Ion: 99 Resp: 40100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 141 | 39.5 | 18.6 | 28.0# |
| 183 | 5.0 | 6.2 | 9.4# |

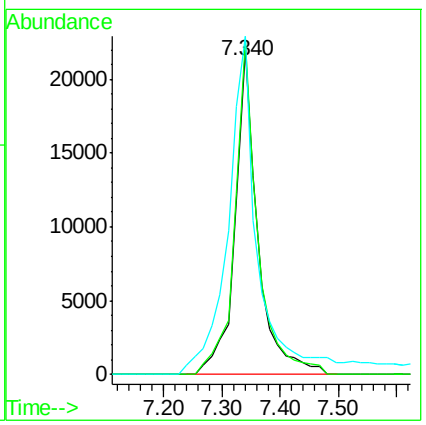



#12
2-Bromothioanisole
Concen: 0.83 ug/mL
RT: 7.340 min Scan# 352
Delta R.T. -0.003 min
Lab File: BJ000821.D
Acq: 27 Apr 2012 12:42

Tgt Ion:204 Resp: 59778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 202 | 103.1 | 82.7 | 122.7 |
| 108 | 104.4 | 50.5 | 90.5# |



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_J\data\BJ042712\
Data File : BJ000821.D
Acq On : 27 Apr 2012 12:42
Operator : HLM
Sample : D2330-09DL 5X
Misc : WATER BNA_J HLM
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_J
**ClientSampleId :** OFD-OF54-042012DL

Quant Time: May 02 07:13:58 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
Quant Title : CWA degredation products by GCMS
QLast Update : Fri Apr 27 15:25:19 2012
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 4.749 | 152 | 272963 | 2.00 | ug/mL | 0.01 |
| 6) Naphthalene-d8 | 6.044 | 136 | 1101764 | 2.00 | ug/mL | 0.00 |
| System Monitoring Compounds | | | | | | |
| 10) Tripropylphosphate | 7.098 | 99 | 40100 | 0.11 | ug/mL | 0.00 |
| Spiked Amount 0.500 | Range 70 - 130 | | Recovery = 22.00%# | | | |
| 12) 2-Bromothioanisole | 7.340 | 204 | 59778 | 0.83 | ug/mL | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 16.60%# | | | |
| Target Compounds | | | | | | Qvalue |
| 5) 1,4-Oxathiane | 3.725 | 46 | 621404 | 6.42 | ug/mL# | 37 |
| 7) 1,4-Dithiane | 5.191 | 46 | 1333514 | 18.32 | ug/mL | 99 |

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