

Data File : H:\VOL1\GCMSDATA\J\121210\BJ001332.D  
 Acq On : 10 Dec 2012 20:03  
 Sample : D5081-02  
 Misc : WATER BNA\_J HLM  
 MS Integration Params: rteint.p  
 Quant Time: Dec 12 13:00 2012

Vial: 6  
 Operator: HLM  
 Inst : BNA\_J  
 Multiplr: 1.00

Instrument :  
 BNA\_J  
 ClientSampleId :  
 NMB08A-120512D

Quant Results File: BJ121012.KES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M (RTE Integrator)  
 Title : CWA degradation products by GCMS  
 Last Update : Mon Dec 10 18:28:25 2012  
 Response via : Initial Calibration  
 DataAcq Meth : CWAJ

| Internal Standards             | R.T.  | QIon     | Response | Conc | Units   | Dev(Min) |
|--------------------------------|-------|----------|----------|------|---------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 4.37  | 152      | 153432   | 2.00 | ug/mL   | 0.00     |
| 6) Naphthalene-d8              | 5.64  | 136      | 721708   | 2.00 | ug/mL   | 0.00     |
| System Monitoring Compounds    |       |          |          |      |         |          |
| 10) Tripropylphosphate         | 6.70  | 99       | 152332   | 0.51 | ug/mL   | 0.00     |
| Spiked Amount 0.500            | Range | 70 - 130 | Recovery | =    | 102.00% |          |
| 12) 2-Bromothioanisole         | 6.92  | 204      | 271561   | 3.77 | ug/mL   | -0.01    |
| Spiked Amount 5.000            | Range | 70 - 130 | Recovery | =    | 75.40%  |          |
| Target Compounds               |       |          |          |      |         |          |
| 8) Thiodiglycol                | 5.61  | 61       | 14015    | 0.22 | ug/mL#  | 17       |
| 13) p-Chlorophenylmethylsulfox | 7.60  | 159      | 13133    | 0.13 | ug/mL#  | 74       |
| 14) p-Chlorophenylmethylsulfon | 7.79  | 111      | 16071    | 0.12 | ug/mL   | 92       |

# Quantitation Report

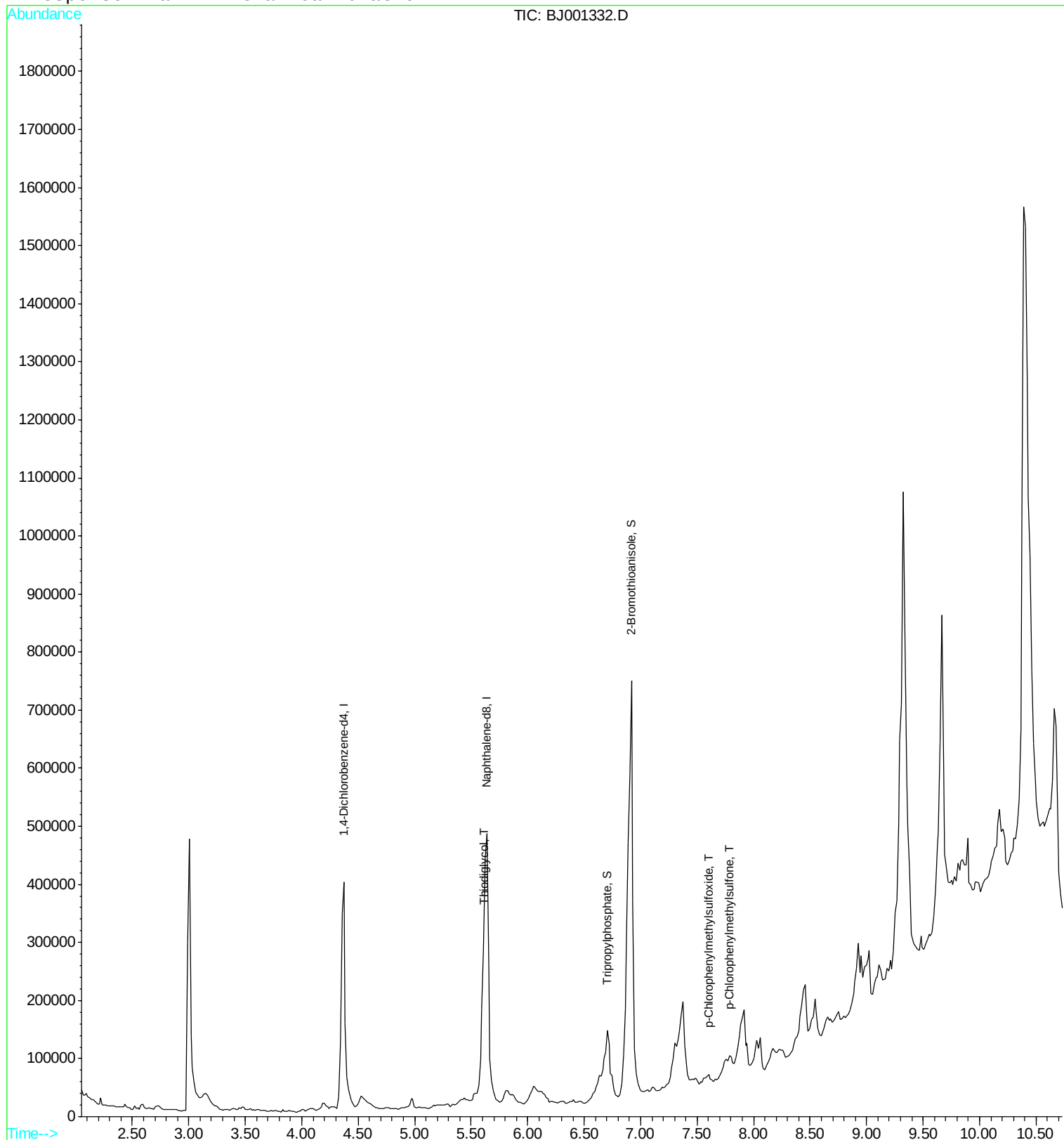
Data File : H:\VOL1\GCMSDATA\J\121210\BJ001332.D  
 Acq On : 10 Dec 2012 20:03  
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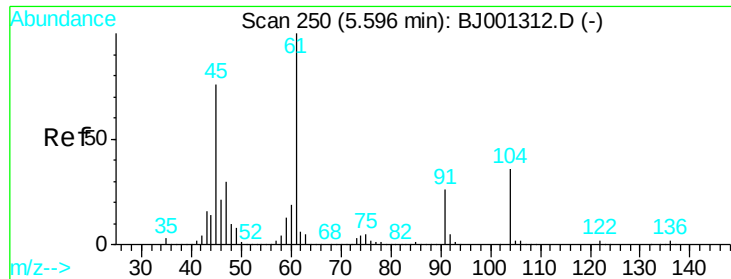
Vial: 6  
 Operator: HLM  
 Inst : BNA J  
 Multiplr: 1.00

Instrument :  
 BNA\_J  
 ClientSampleId :  
 NMB08A-120512D

Quant Results File: BJ121012.KES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M (RTE Integrator)  
 Title : CWA degradation products by GCMS  
 Last Update : Mon Dec 10 18:28:25 2012  
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#8

Thiodiglycol

Concen: 0.22 ug/mL

RT: 5.61 min Scan# 251

Delta R.T. 0.02 min

Lab File: BJ001332.D

Acq: 10 Dec 2012 20:03

Instrument :

BNA\_J

ClientSampleId :

NMB08A-120512D

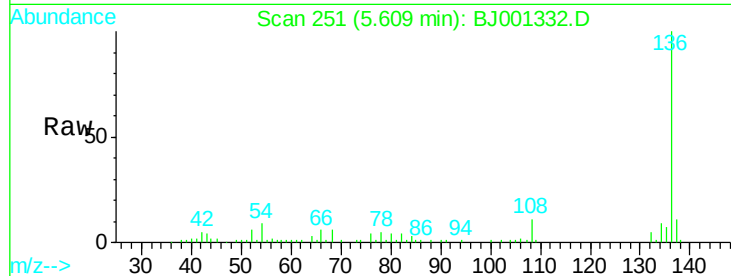
Tgt Ion: 61 Resp: 14015

Ion Ratio Lower Upper

61 100

45 167.5 56.0 96.0#

47 43.3 10.0 50.0

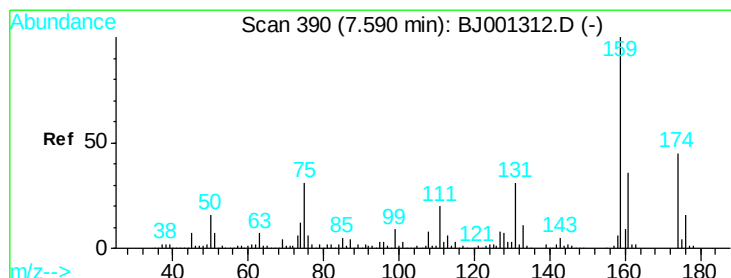
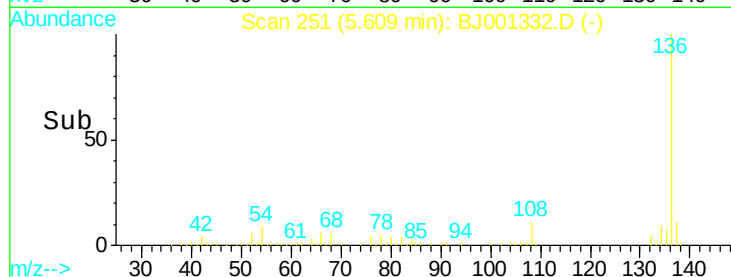
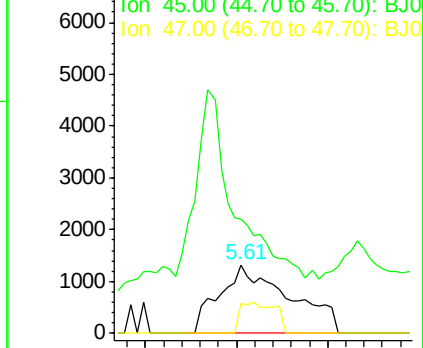


Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0



#13

p-Chlorophenylmethylsulfoxide

Concen: 0.13 ug/mL

RT: 7.60 min Scan# 391

Delta R.T. 0.02 min

Lab File: BJ001332.D

Acq: 10 Dec 2012 20:03

Tgt Ion:159 Resp: 13133

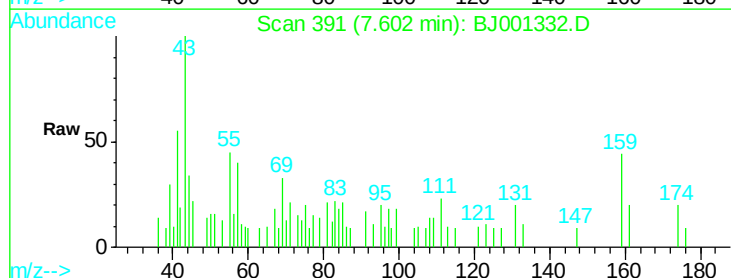
Ion Ratio Lower Upper

159 100

174 35.5 26.4 66.4

108 40.2 0.0 29.6#

50 34.0 3.3 43.3



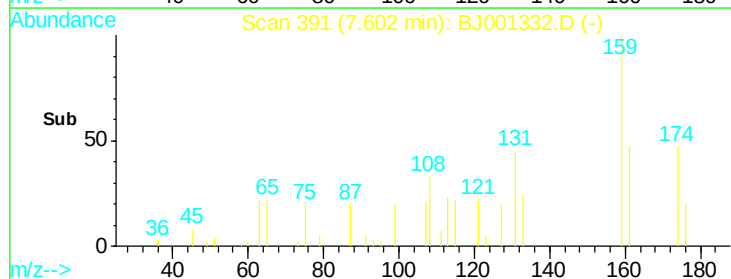
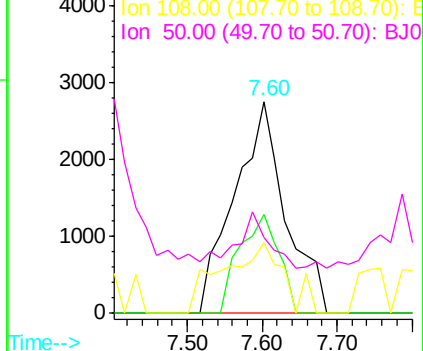
Abundance

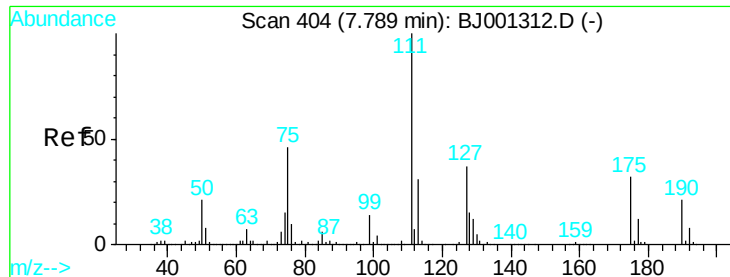
Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0

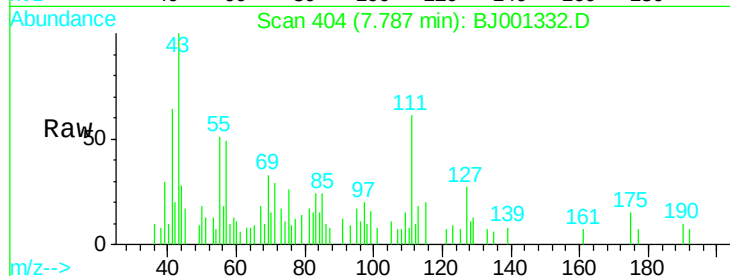




#14  
 p-Chlorophenylmethylsulfone  
 Concen: 0.12 ug/mL  
 RT: 7.79 min Scan# 404  
 Delta R.T. 0.00 min  
 Lab File: BJ001332.D  
 Acq: 10 Dec 2012 20:03

Instrument :  
 BNA\_J  
 ClientSampleId :  
 NMB08A-120512D

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 111   | Resp: | 16071 |
| Ion Ratio | Lower | Upper |       |
| 111       | 100   |       |       |
| 75        | 43.3  | 27.3  | 67.3  |
| 127       | 43.7  | 17.0  | 57.0  |
| 190       | 16.6  | 0.8   | 40.8  |



Abundance

Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

