Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017958.D
Acq On : 18 Jul 2015 11:42
Operator : TP/UM
Sample : G3016-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** WATERLINE1-071515

Quant Time: Jul 20 02:47:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 95336 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.36 | 136 | 406732 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.24 | 164 | 248588 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 16.99 | 188 | 529430 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.20 | 240 | 555098 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.41 | 264 | 531885 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 652715 | 119.43 | ng | 0.00 |
| 7) Phenol-d6 | 6.77 | 99 | 865355 | 120.86 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.74 | 82 | 499506 | 79.54 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.74 | 330 | 315628 | 125.32 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 12.86 | 172 | 1177762 | 82.10 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.64 | 244 | 1708585 | 77.53 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 10.41 | 128 | 102936 | 5.17 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.04 | 142 | 73056 | 5.11 | ng | 98 |
| 49) Dimethylphthalate | 13.70 | 163 | 425817 | 24.66 | ng | 100 |

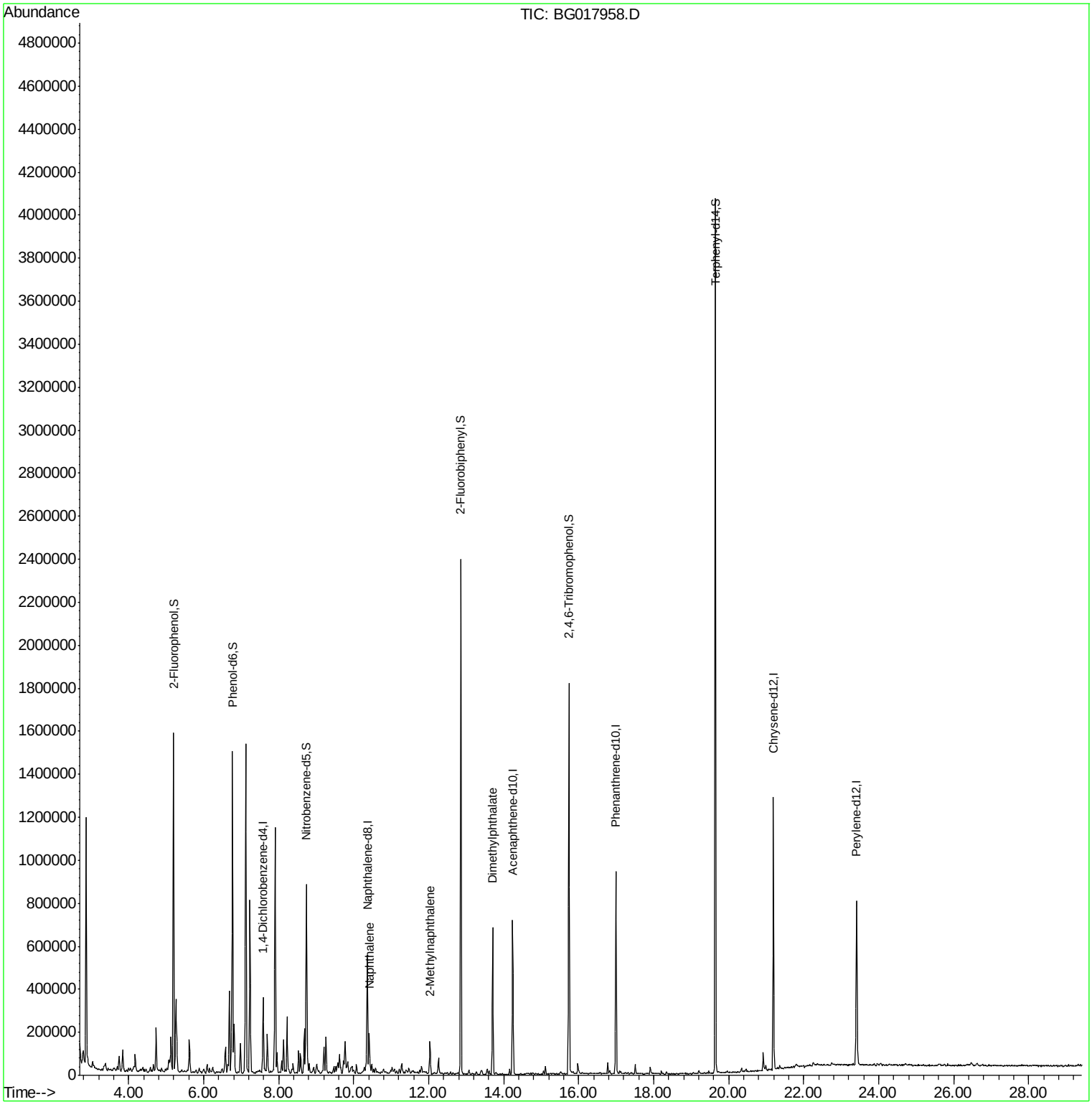
(#) = qualifier out of range (m) = manual integration (+) = signals summed

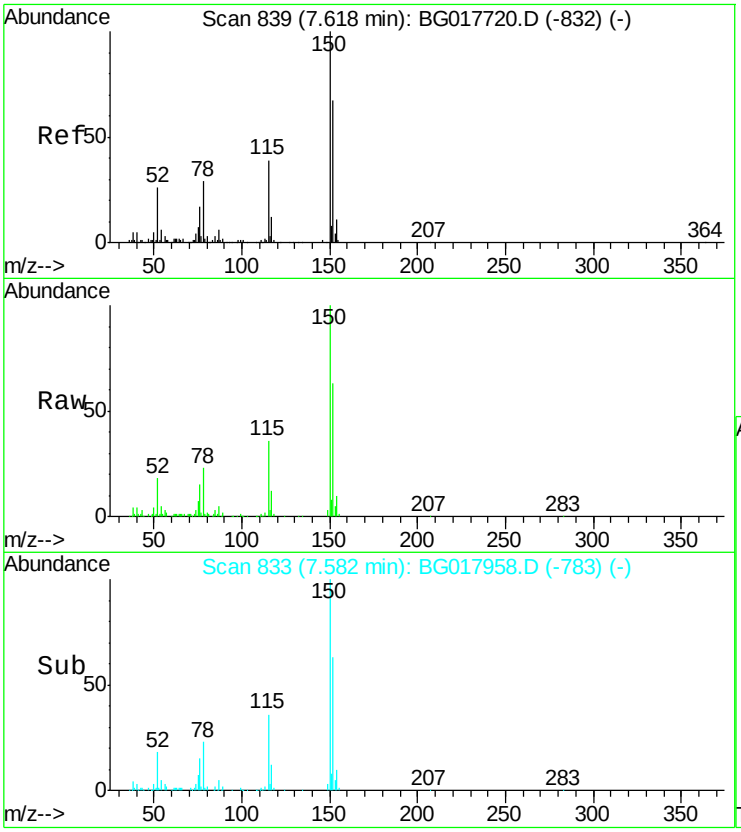
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017958.D
Acq On : 18 Jul 2015 11:42
Operator : TP/UM
Sample : G3016-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Quant Time: Jul 20 02:47:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration



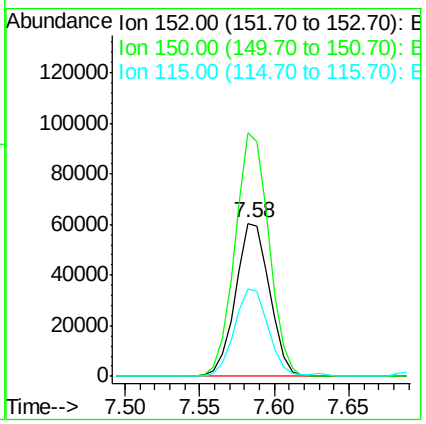


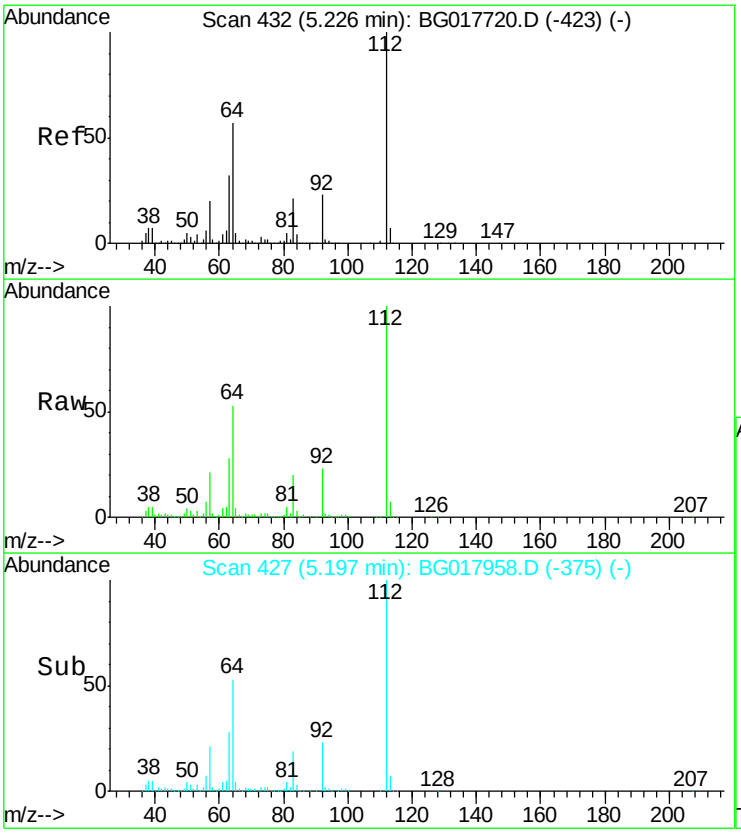

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Tgt Ion:152 Resp: 95336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.8 | 119.1 | 178.7 |
| 115 | 57.0 | 47.0 | 70.4 |

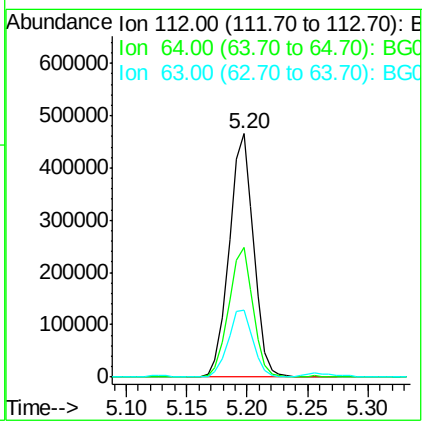


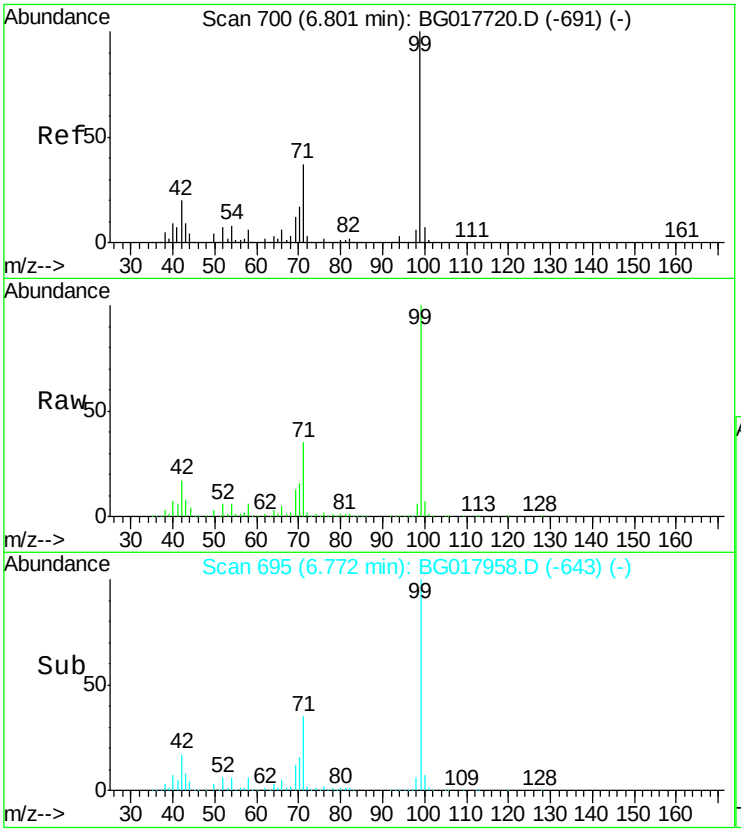




#5
2-Fluorophenol
Concen: 119.43 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:112 Resp: 652715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.1 | 45.4 | 68.0 |
| 63 | 27.6 | 25.3 | 37.9 |



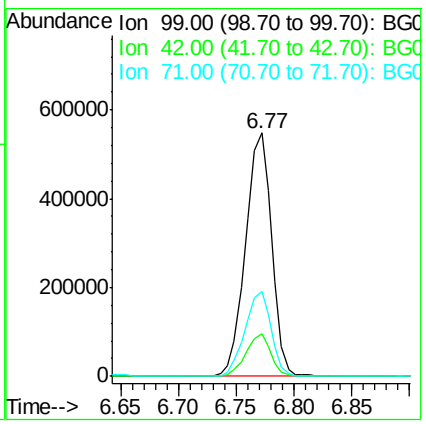


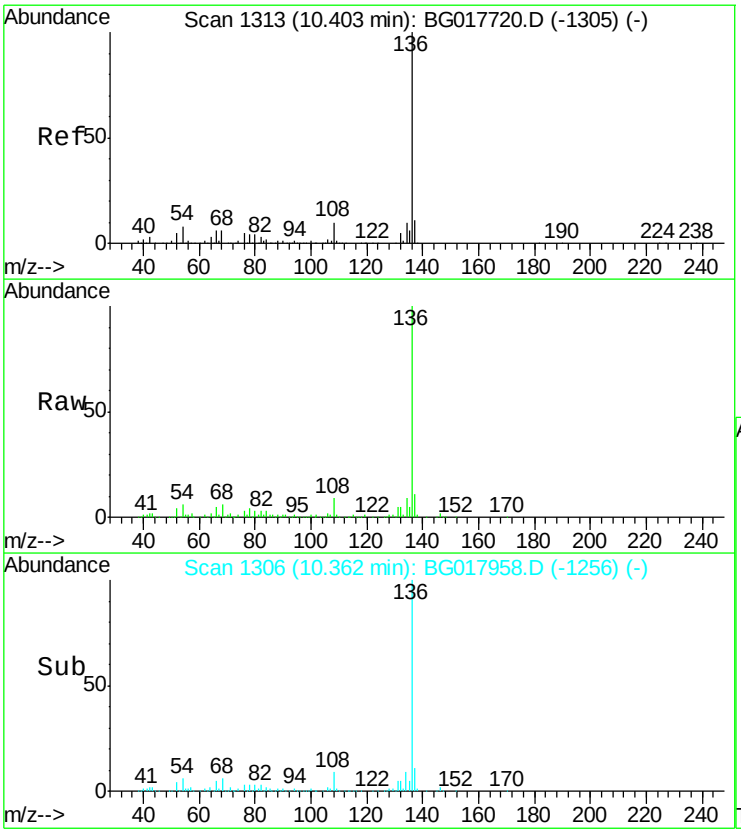

#7
Phenol-d6
Concen: 120.86 ng
RT: 6.77 min Scan# 695
Delta R.T. 0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Tgt Ion: 99 Resp: 865355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 16.2 | 24.4 |
| 71 | 34.8 | 29.5 | 44.3 |

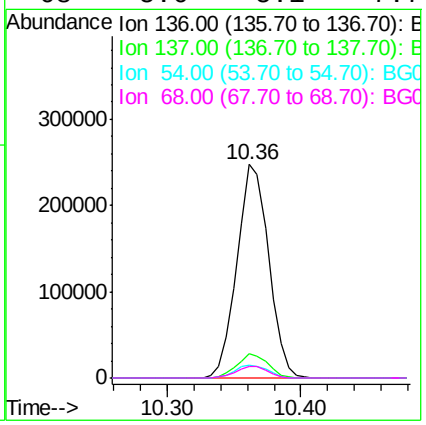


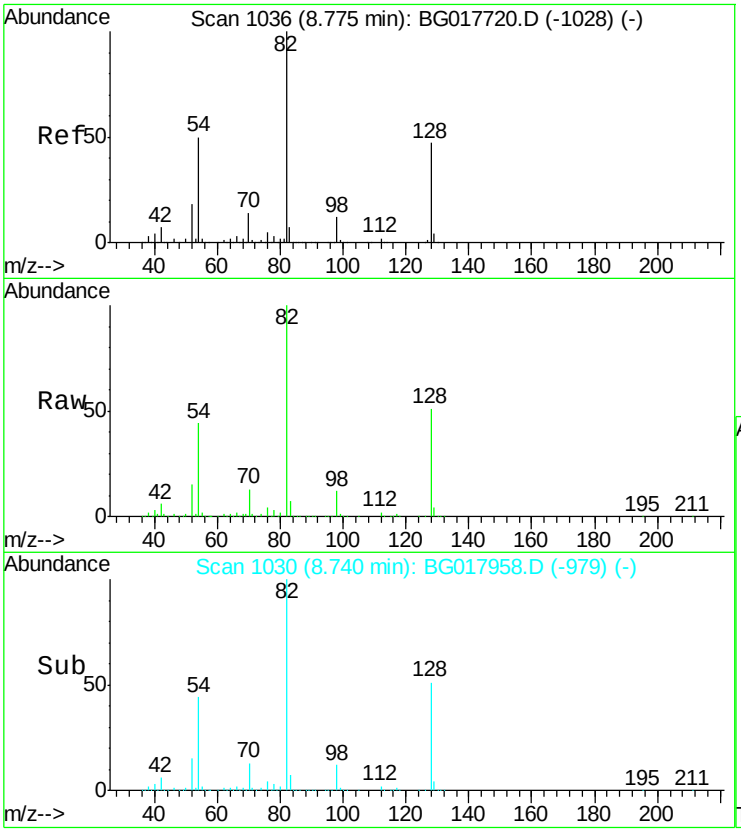




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:136 Resp: 406732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.8 | 13.2 |
| 54 | 6.0 | 6.6 | 9.8# |
| 68 | 5.6 | 5.1 | 7.7 |



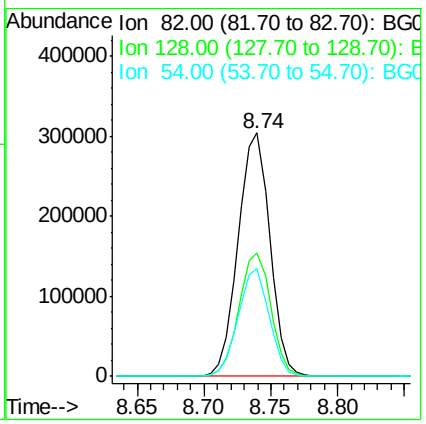


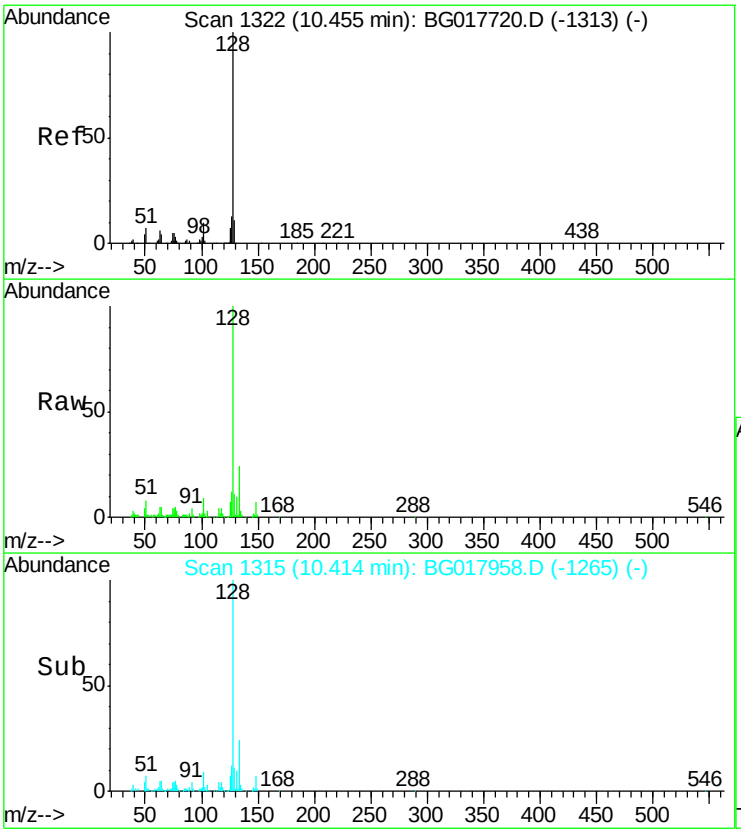

#23
Nitrobenzene-d5
Concen: 79.54 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Tgt Ion: 82 Resp: 499506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.7 | 37.8 | 56.6 |
| 54 | 44.2 | 39.9 | 59.9 |

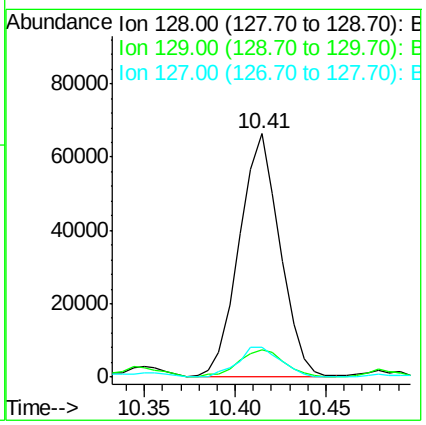


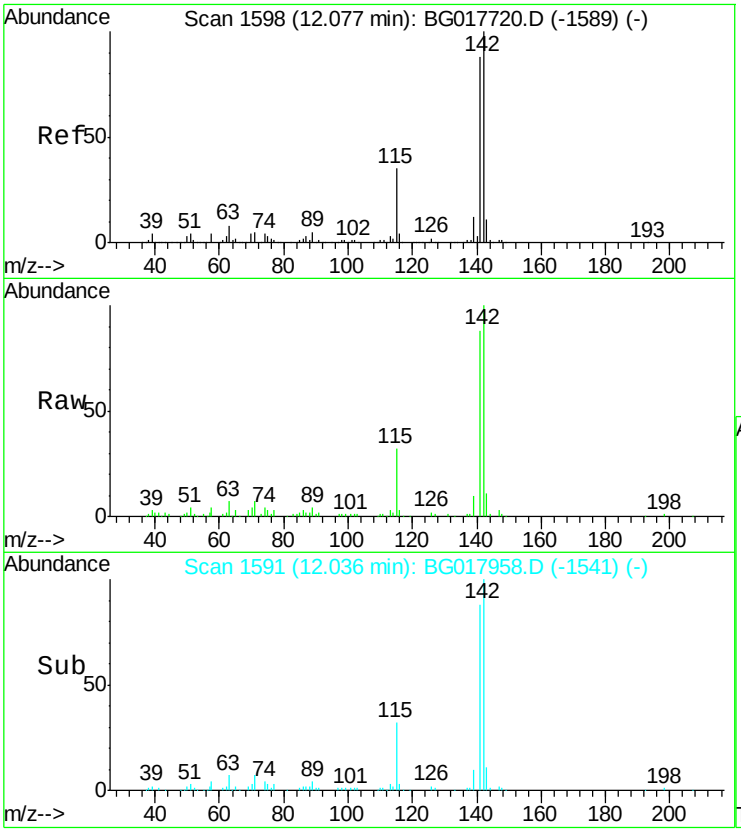




#31
Naphthalene
Concen: 5.17 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:128 Resp: 102936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.6 |
| 127 | 12.1 | 10.7 | 16.1 |



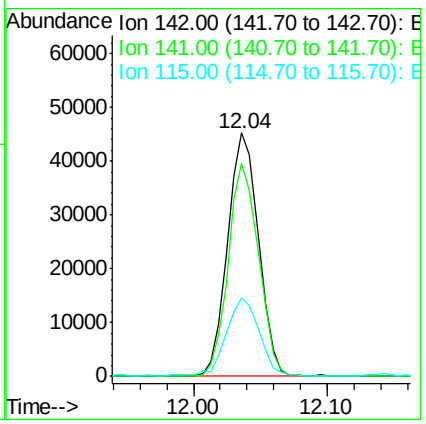


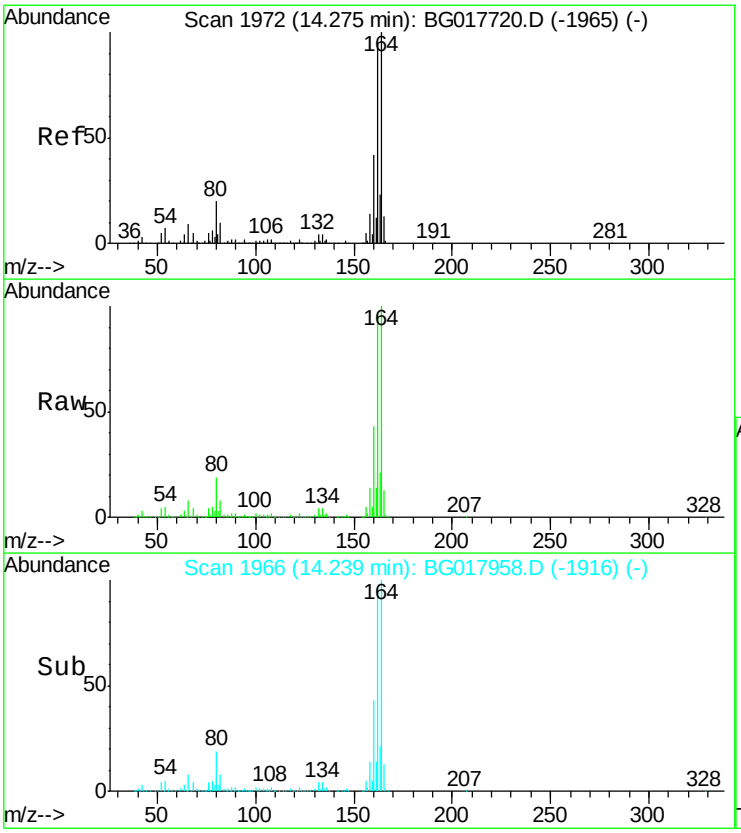

#37
2-Methylnaphthalene
Concen: 5.11 ng
RT: 12.04 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Tgt Ion:142 Resp: 73056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 70.7 | 106.1 |
| 115 | 32.3 | 27.8 | 41.8 |

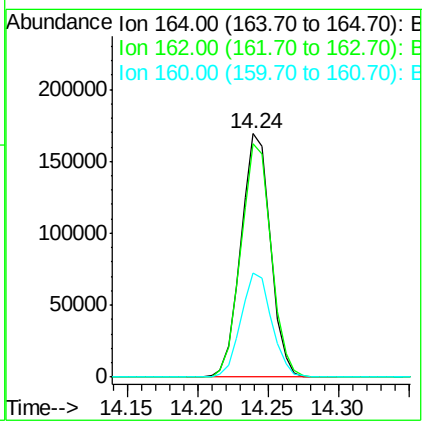


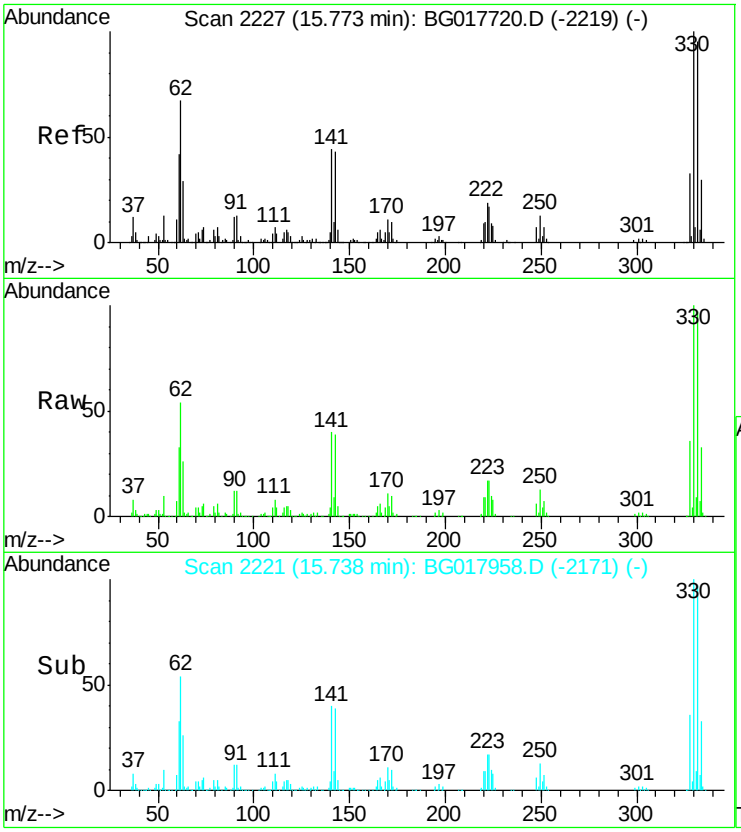




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:164 Resp: 248588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.8 | 76.3 | 114.5 |
| 160 | 42.8 | 33.7 | 50.5 |



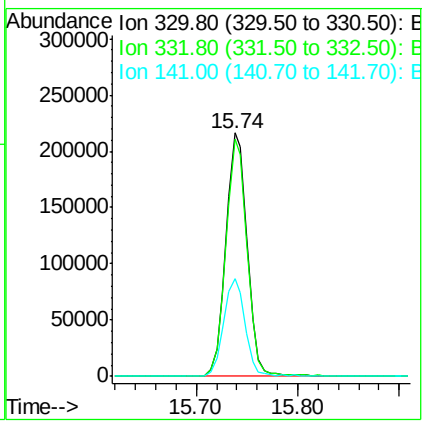


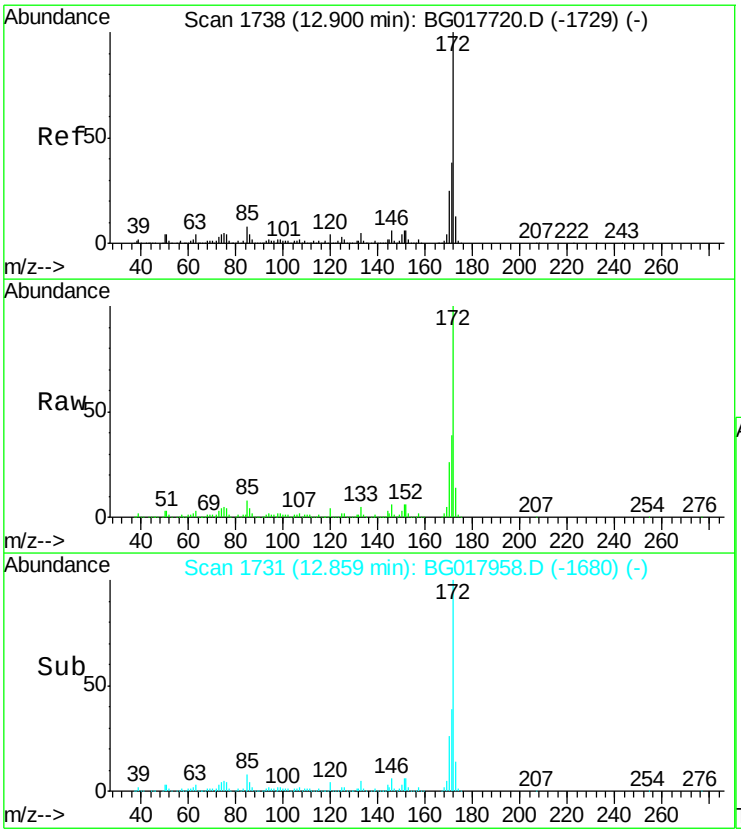

#41
2,4,6-Tribromophenol
Concen: 125.32 ng
RT: 15.74 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Tgt Ion:330 Resp: 315628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 76.8 | 115.2 |
| 141 | 40.7 | 38.0 | 57.0 |

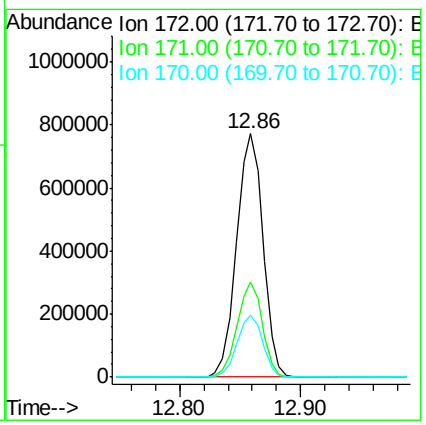


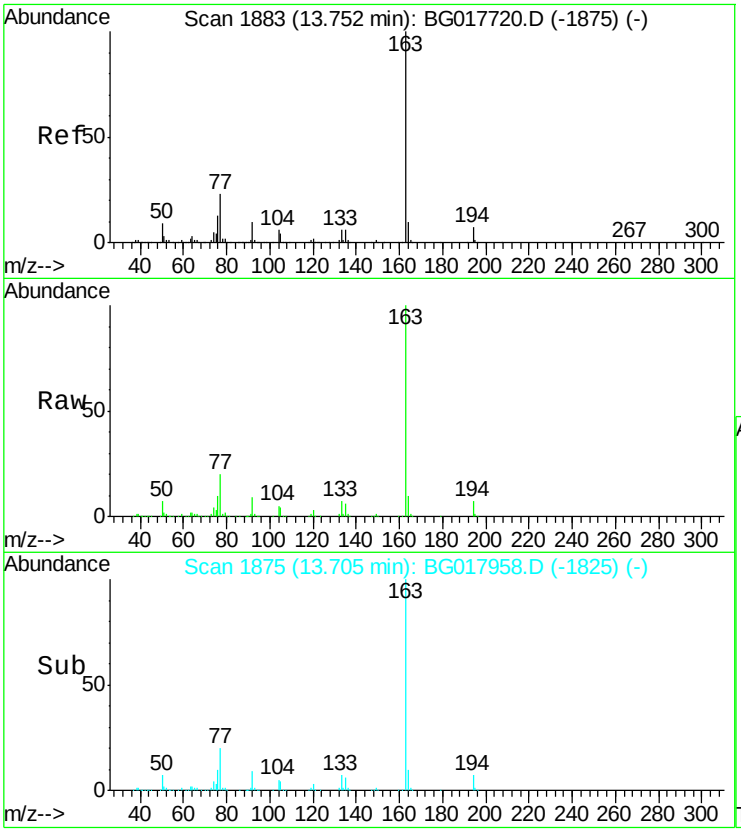




#44
2-Fluorobiphenyl
Concen: 82.10 ng
RT: 12.86 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:172 Resp: 1177762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.9 | 30.7 | 46.1 |
| 170 | 25.7 | 19.7 | 29.5 |



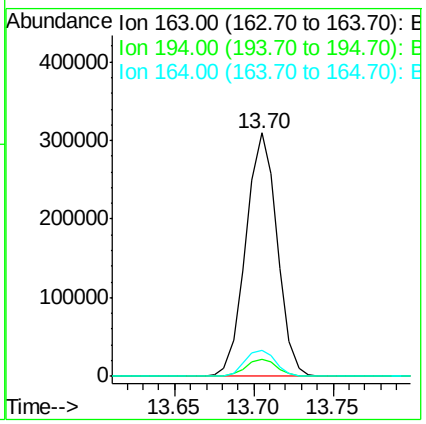


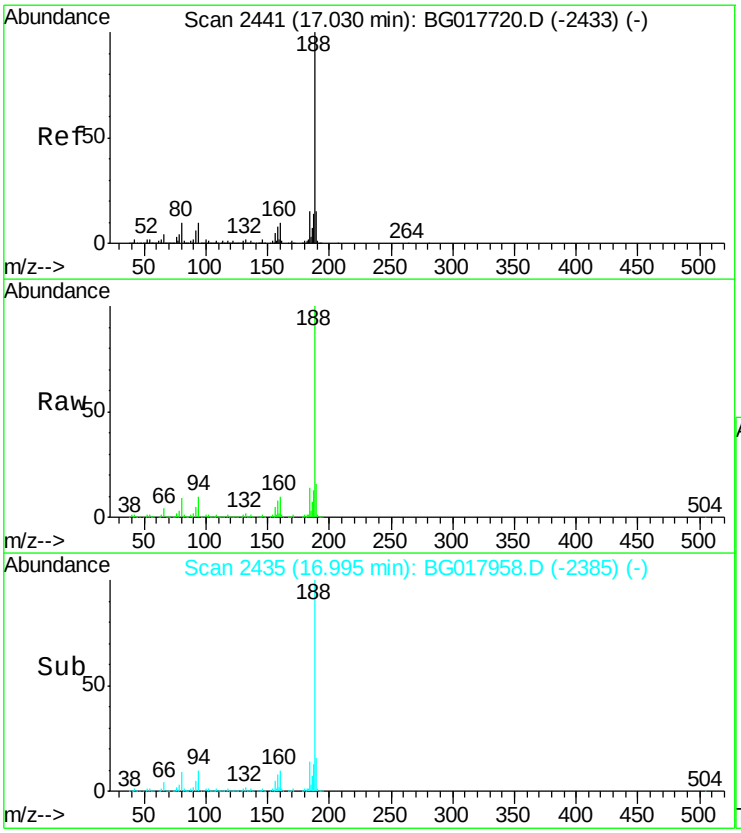

#49
Dimethylphthalate
Concen: 24.66 ng
RT: 13.70 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Tgt Ion:163 Resp: 425817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 7.1 | 5.8 | 8.6 |
| 164 | 10.4 | 8.3 | 12.5 |

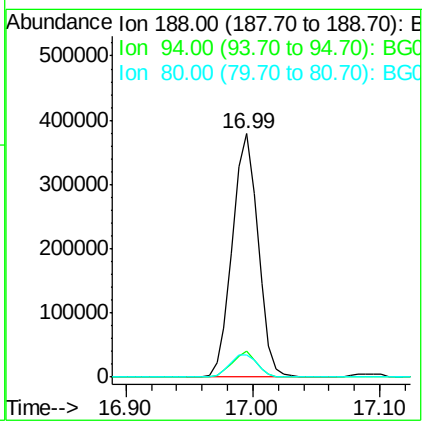


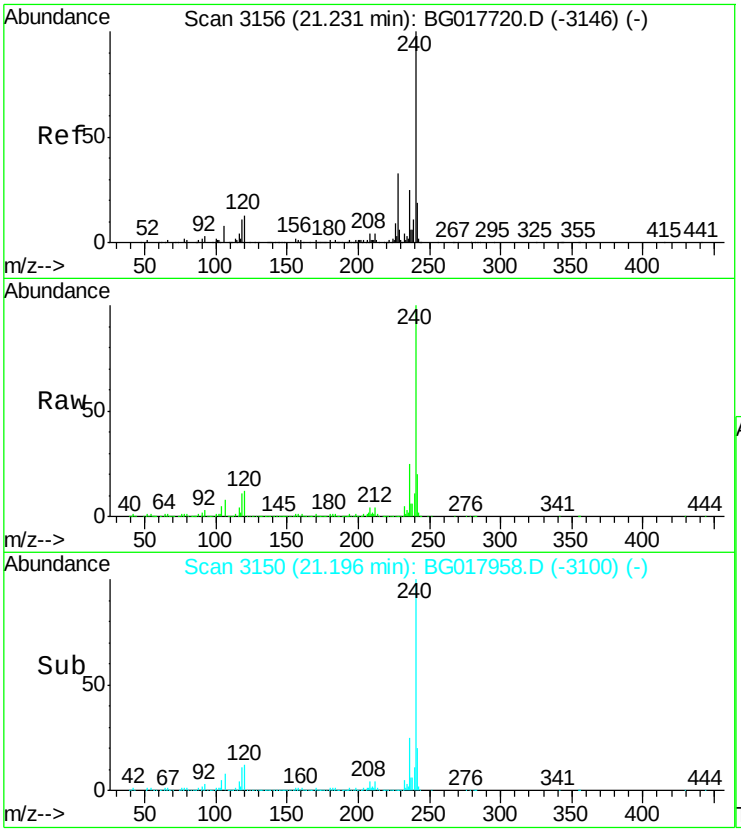




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:188 Resp: 529430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 8.2 | 12.2 |
| 80 | 9.4 | 8.2 | 12.4 |



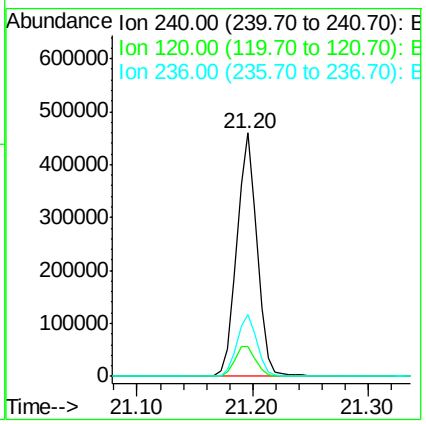


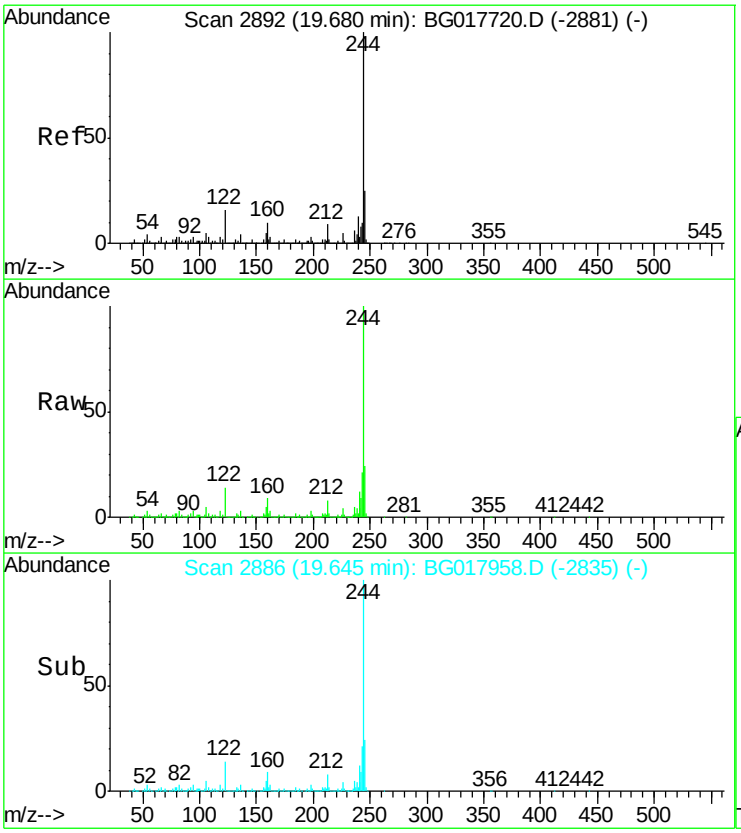

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Tgt Ion:240 Resp: 555098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.3 | 10.8 | 16.2 |
| 236 | 25.3 | 20.0 | 30.0 |

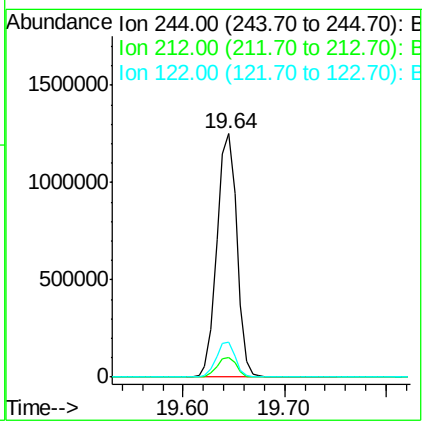


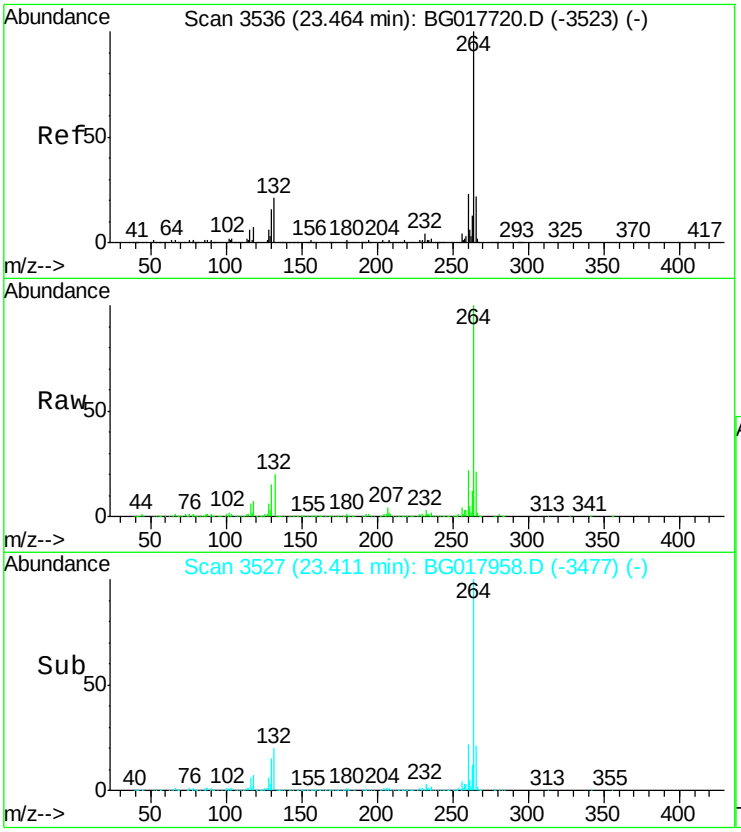




#78
Terphenyl-d14
Concen: 77.53 ng
RT: 19.64 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:244 Resp: 1708585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.3 | 7.2 | 10.8 |
| 122 | 14.3 | 12.8 | 19.2 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

**Instrument :**
BNA_G
**ClientSampleId :**
WATERLINE1-071515

Tgt Ion:264 Resp: 531885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.1 | 18.6 | 27.8 |
| 265 | 20.7 | 18.2 | 27.2 |