Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
Data File : BG016621.D
Acq On : 22 Apr 2015 16:11
Operator : TP/IZ
Sample : G1948-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-02

Quant Time: Apr 23 02:00:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 49600 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.42 | 136 | 226114 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.28 | 164 | 144629 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.02 | 188 | 335859 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.21 | 240 | 316543 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.42 | 264 | 298072 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.23 | 112 | 129577 | 41.87 | ng | 0.01 |
| 7) Phenol-d6 | 6.83 | 99 | 124677 | 28.84 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.79 | 82 | 237980 | 64.81 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 0.00 | 330 | 0 | 0.00 | ng | |
| 44) 2-Fluorobiphenyl | 12.90 | 172 | 596031 | 68.25 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.66 | 244 | 720434 | 54.83 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 18) Hexachloroethane | 8.74 | 117 | 11725 | 8.32 | ng | # 31 |
| 32) Benzoic acid | 9.87 | 122 | 355 | 7.31 | ng | # 1 |
| 53) 2,4-Dinitrophenol | 14.58 | 184 | 73 | 8.44 | ng | # 49 |
| 64) 4,6-Dinitro-2-methylphenol | 15.24 | 198 | 442 | 4.30 | ng | 91 |

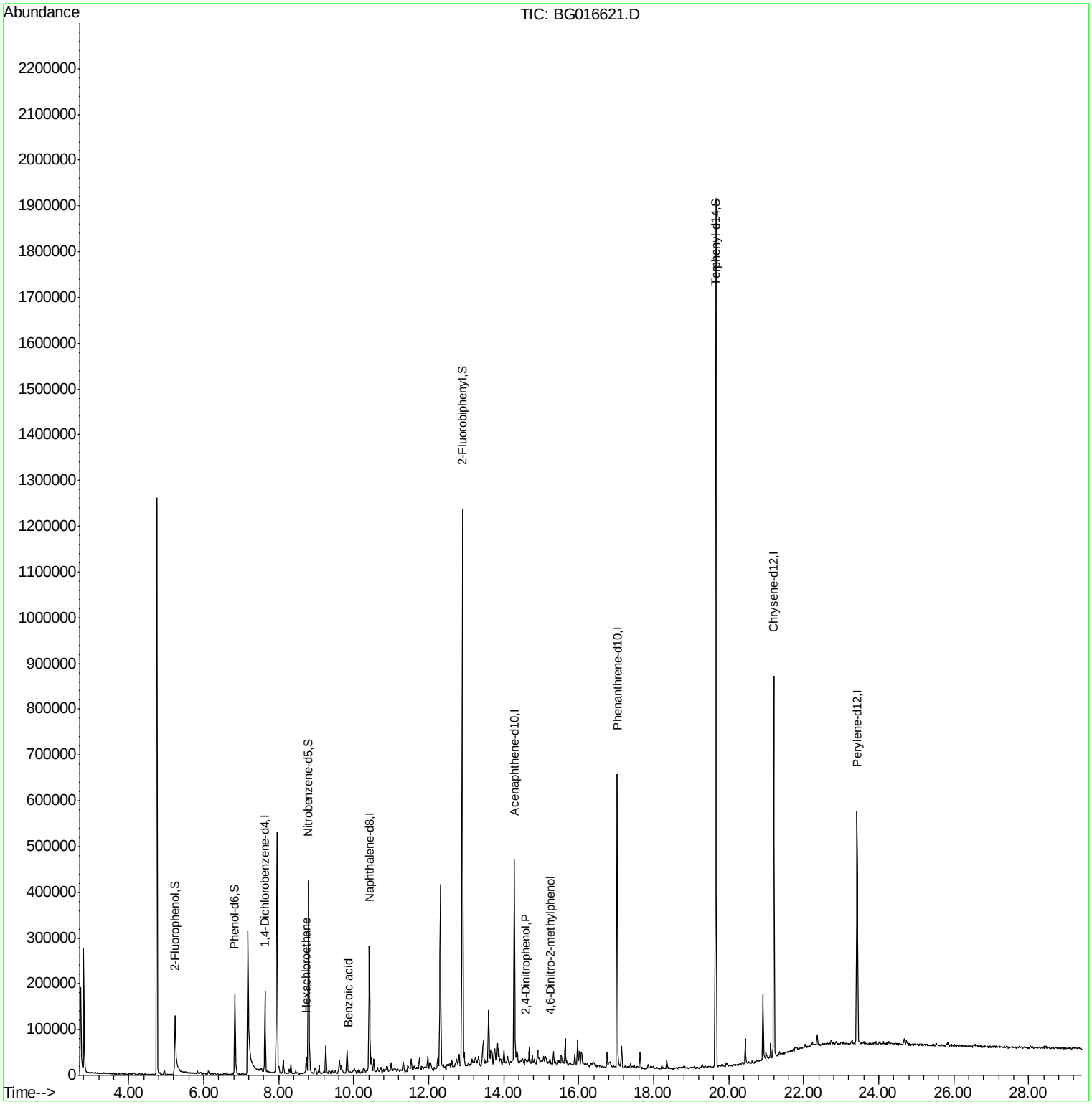
(#) = qualifier out of range (m) = manual integration (+) = signals summed

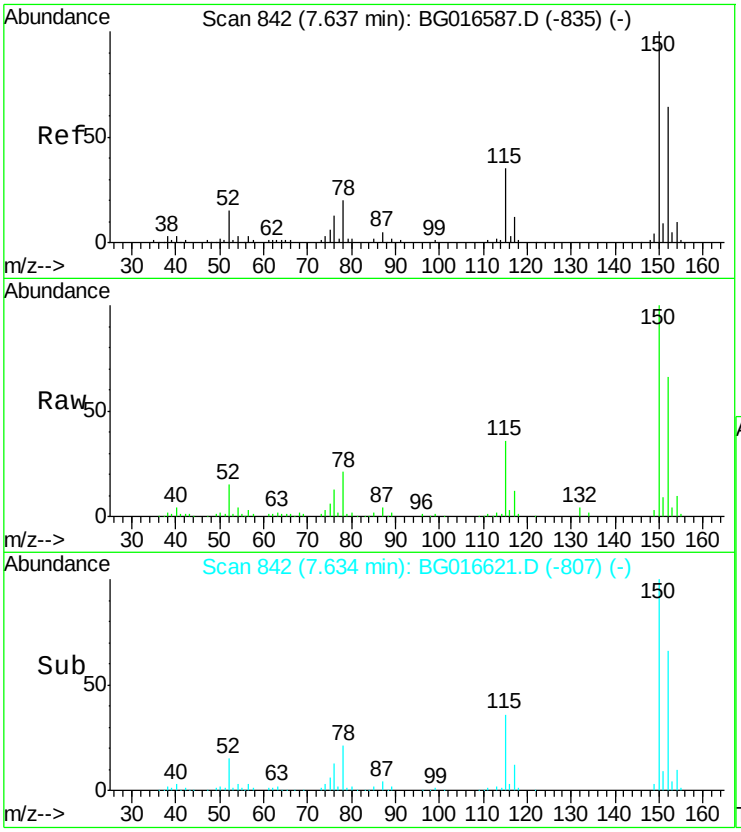
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
Data File : BG016621.D
Acq On : 22 Apr 2015 16:11
Operator : TP/IZ
Sample : G1948-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

Quant Time: Apr 23 02:00:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration



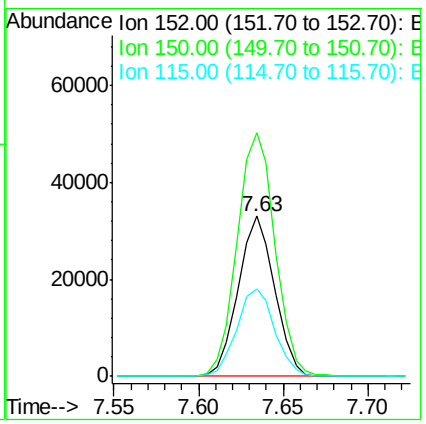


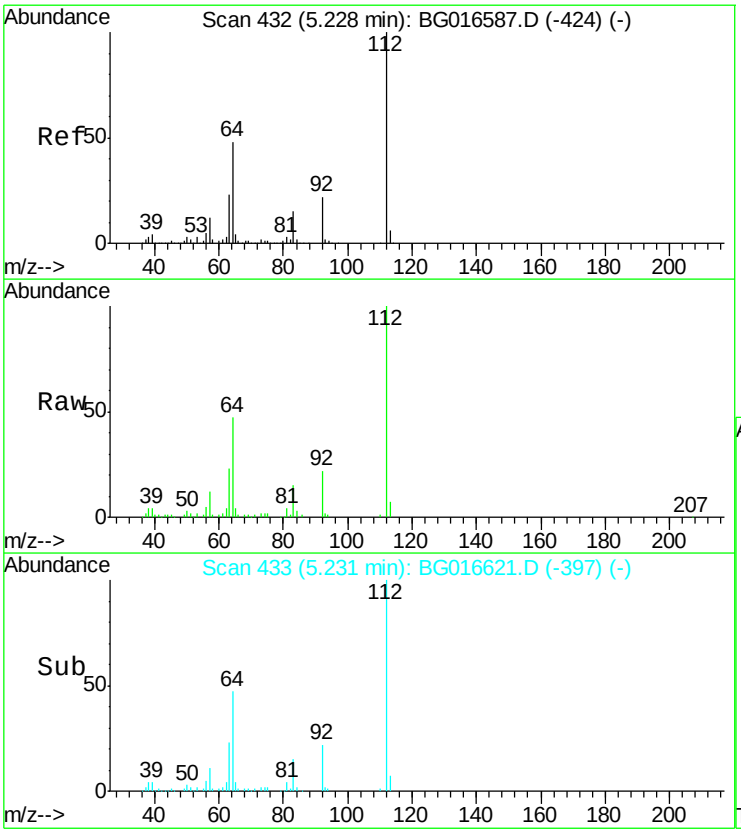

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. 0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

Tgt Ion:152 Resp: 49600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.8 | 125.5 | 188.3 |
| 115 | 54.2 | 44.5 | 66.7 |

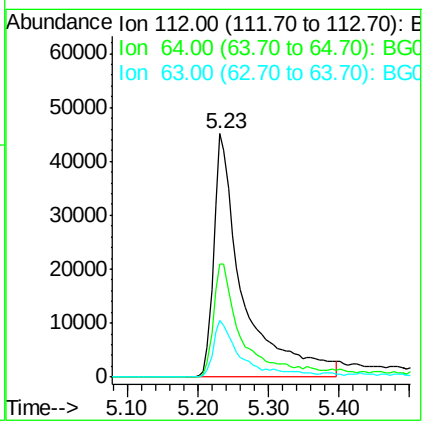


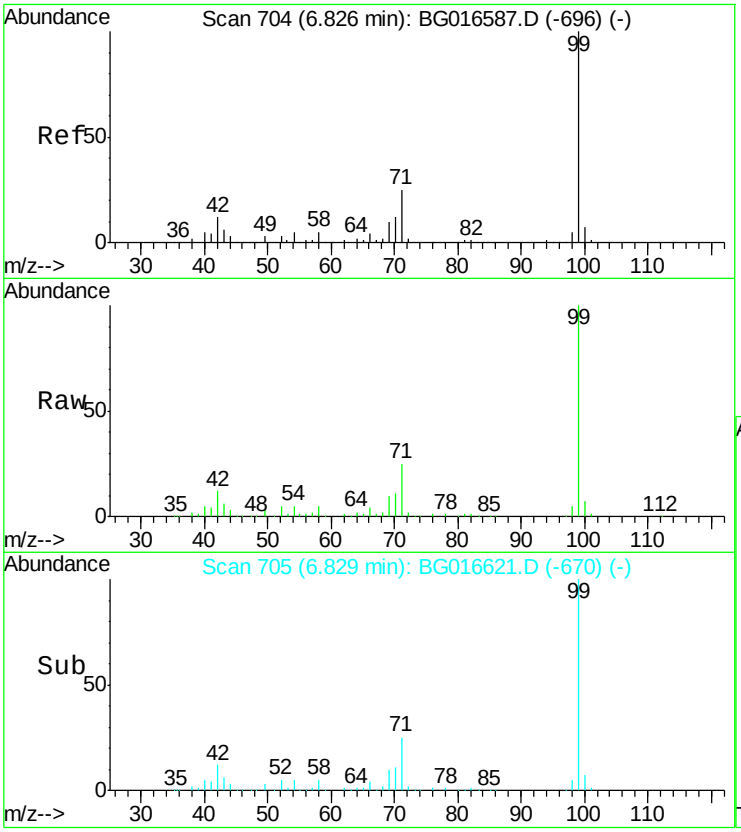




#5
2-Fluorophenol
Concen: 41.87 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:112 Resp: 129577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 46.6 | 38.5 | 57.7 |
| 63 | 23.1 | 18.2 | 27.4 |



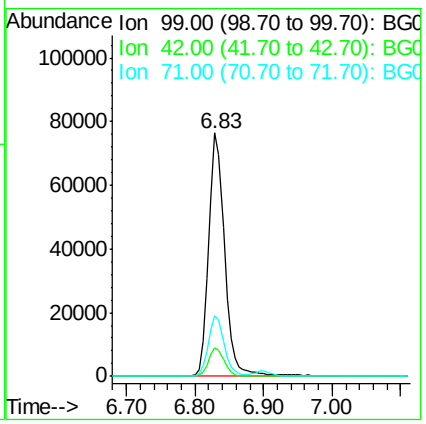


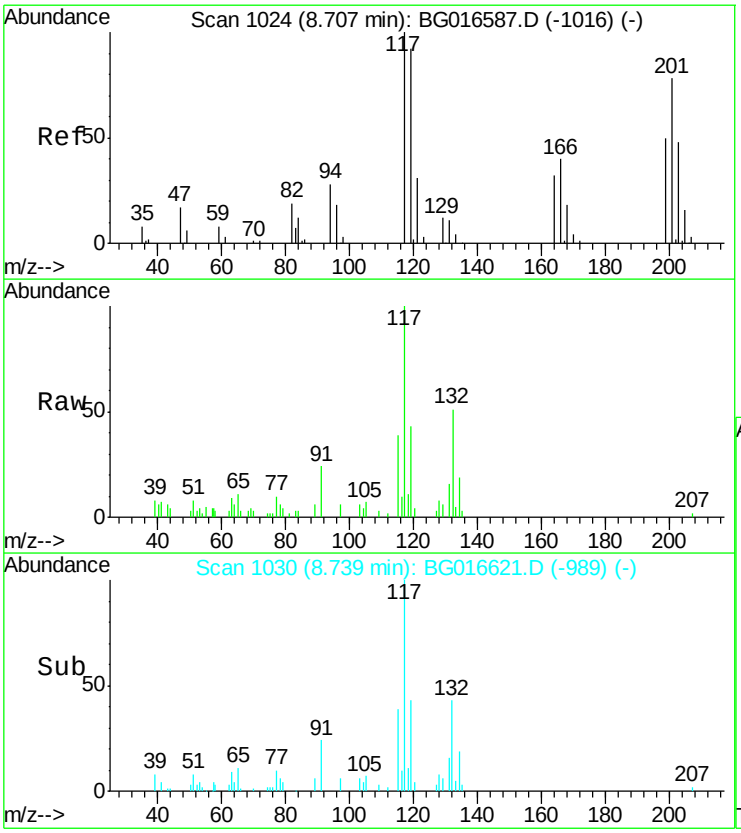

#7
Phenol-d6
Concen: 28.84 ng
RT: 6.83 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

Tgt Ion: 99 Resp: 124677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 11.9 | 9.5 | 14.3 |
| 71 | 24.8 | 20.2 | 30.2 |

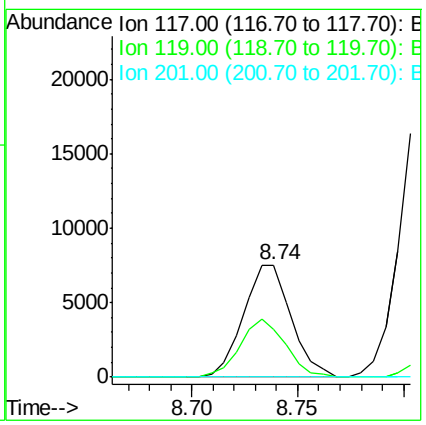


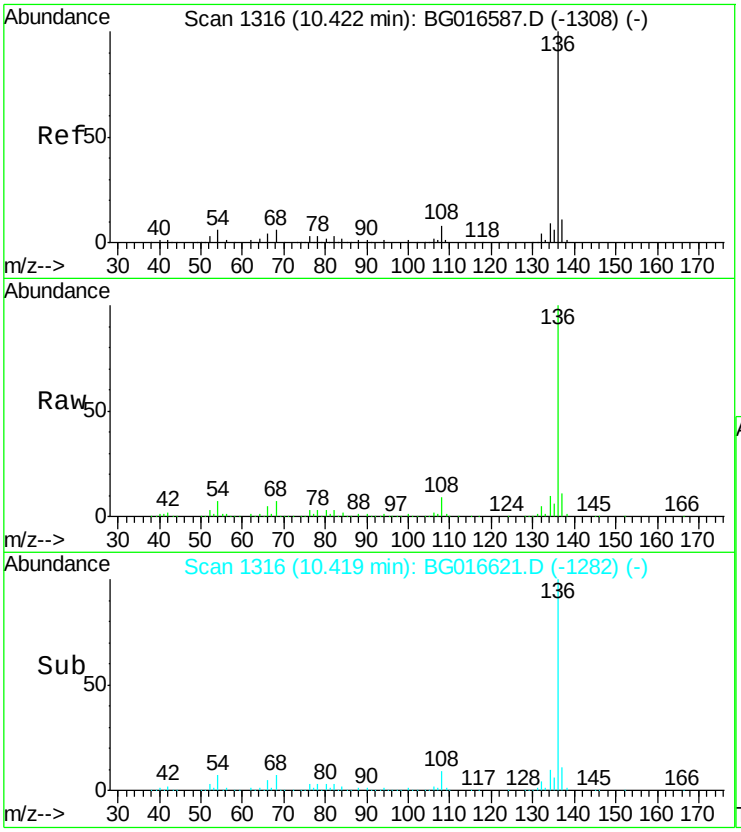




#18
Hexachloroethane
Concen: 8.32 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.04 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:117 Resp: 11725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 42.8 | 73.8 | 110.8# |
| 201 | 0.0 | 62.2 | 93.2# |



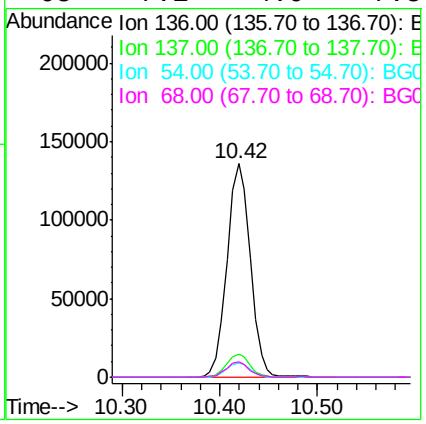


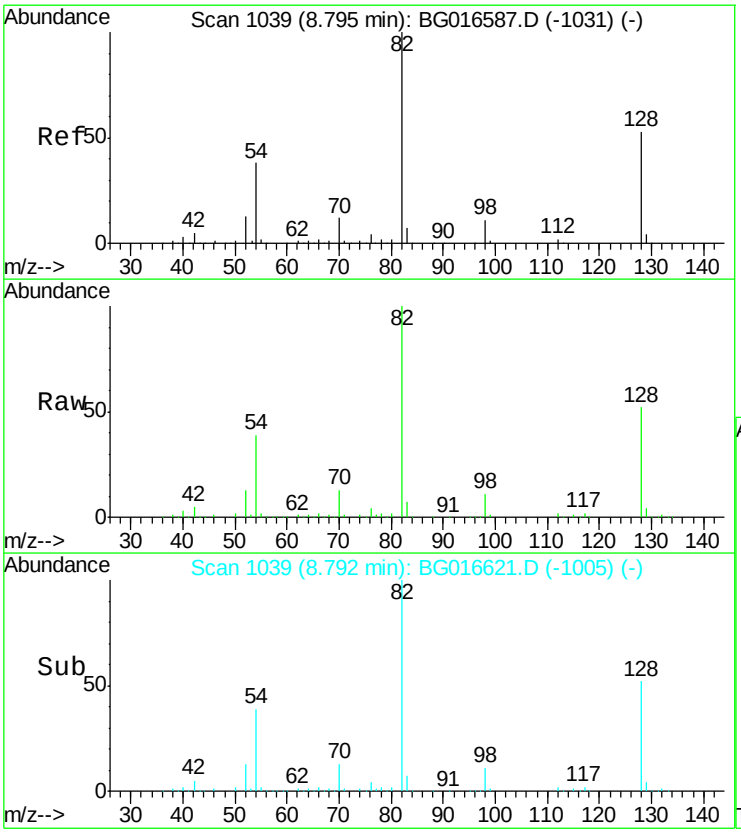

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

Tgt Ion:136 Resp: 226114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 6.6 | 4.9 | 7.3 |
| 68 | 7.1 | 4.9 | 7.3 |

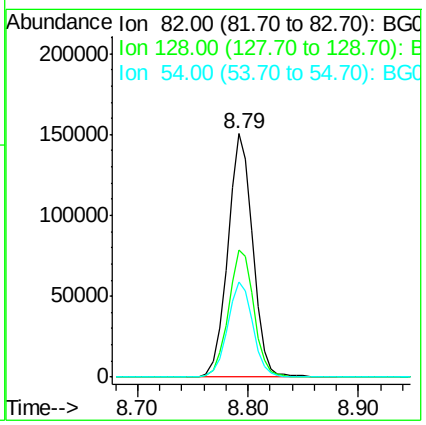


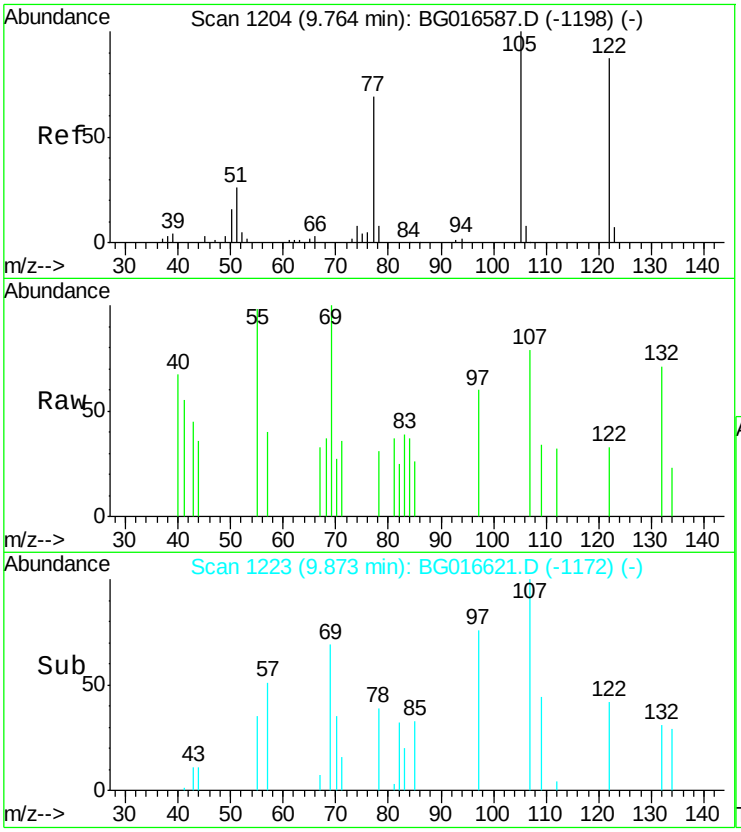




#23
Nitrobenzene-d5
Concen: 64.81 ng
RT: 8.79 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion: 82 Resp: 237980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 52.0 | 42.7 | 64.1 |
| 54 | 38.9 | 30.6 | 45.8 |



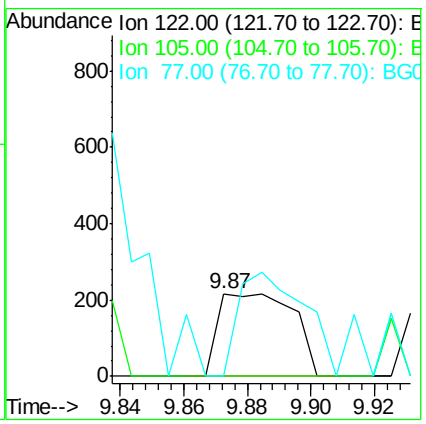


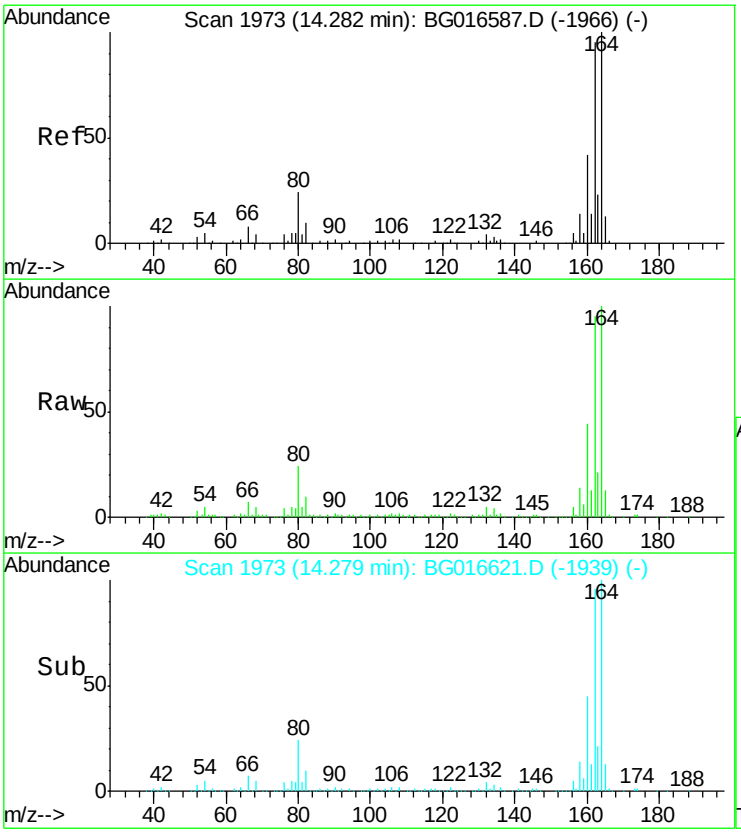

#32
Benzoic acid
Concen: 7.31 ng
RT: 9.87 min Scan# 1223
Delta R.T. 0.10 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

Tgt Ion:122 Resp: 355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 95.5 | 135.5# |
| 77 | 0.0 | 60.2 | 100.2# |

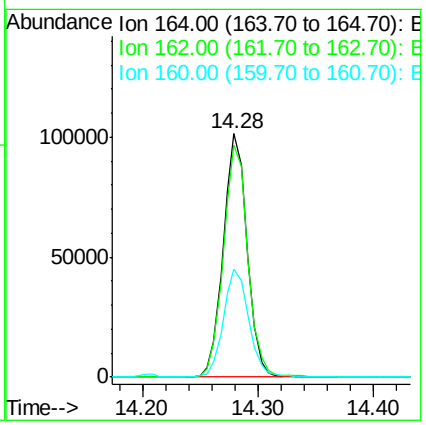


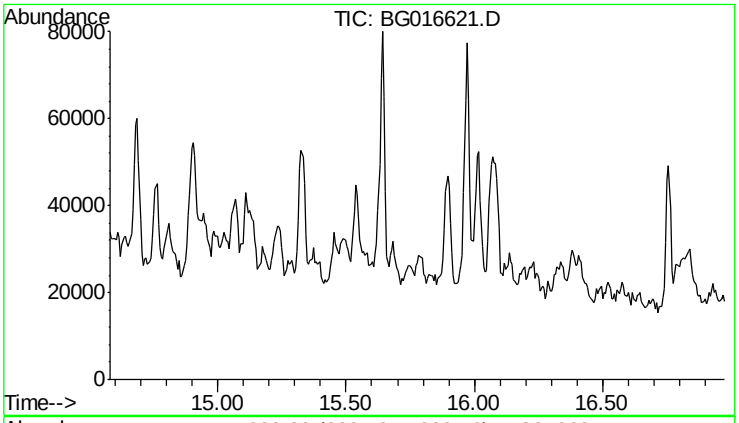




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:164 Resp: 144629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.3 | 75.8 | 113.6 |
| 160 | 44.4 | 33.8 | 50.6 |





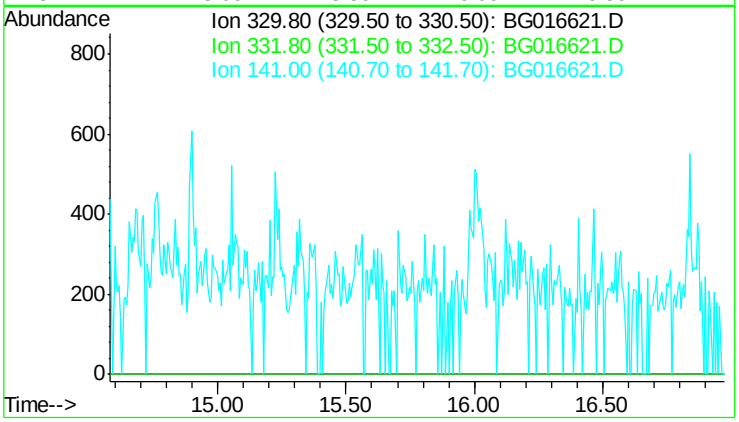

#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.78 min

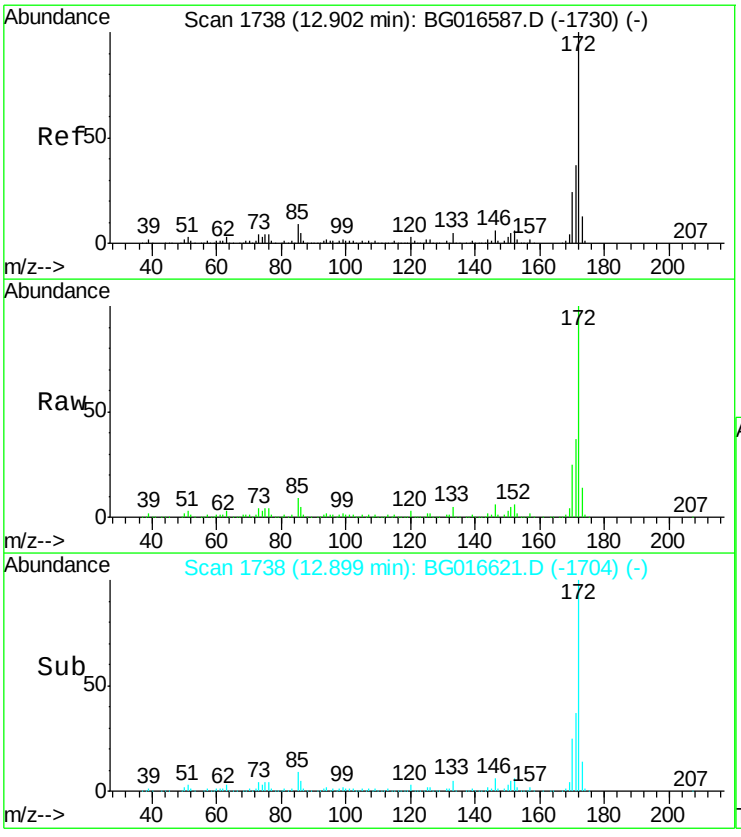
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 95.7 |
| 141 | 57.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

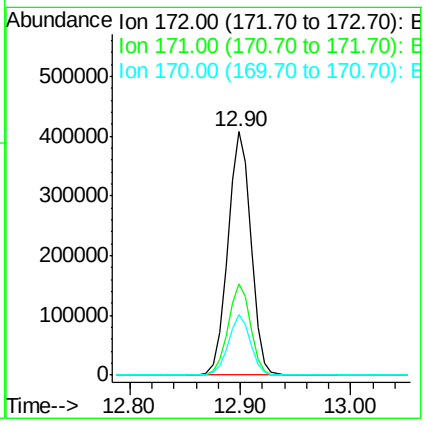


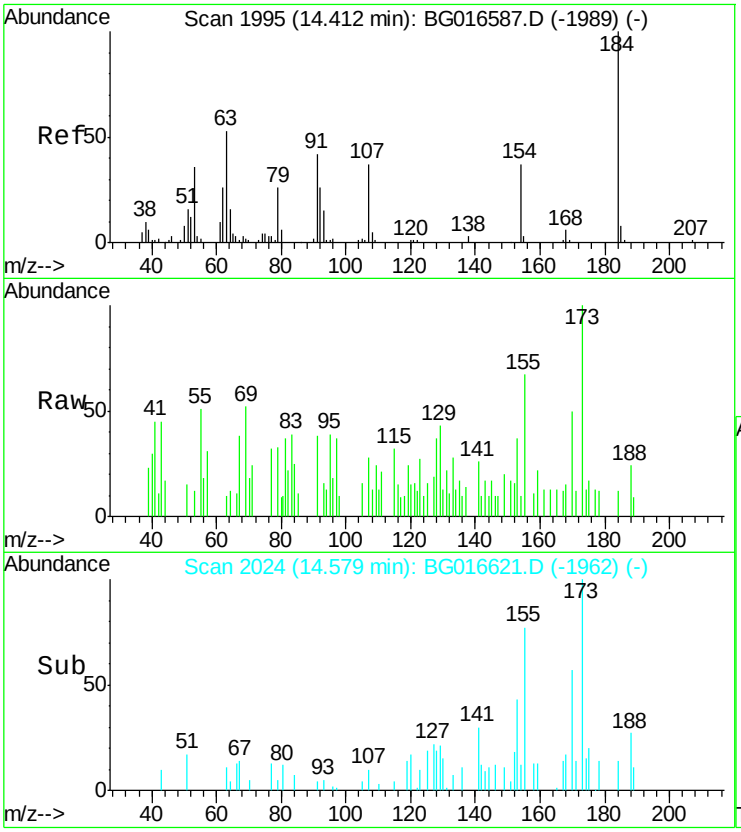




#44
2-Fluorobiphenyl
Concen: 68.25 ng
RT: 12.90 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:172 Resp: 596031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 29.6 | 44.4 |
| 170 | 24.7 | 19.4 | 29.0 |



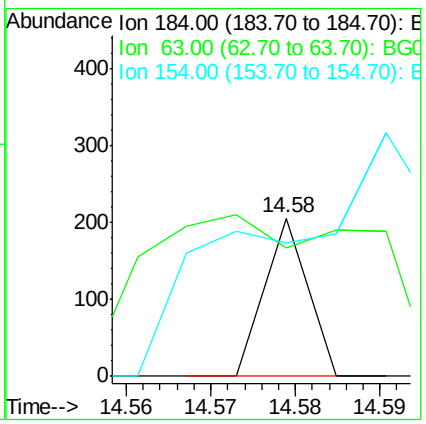


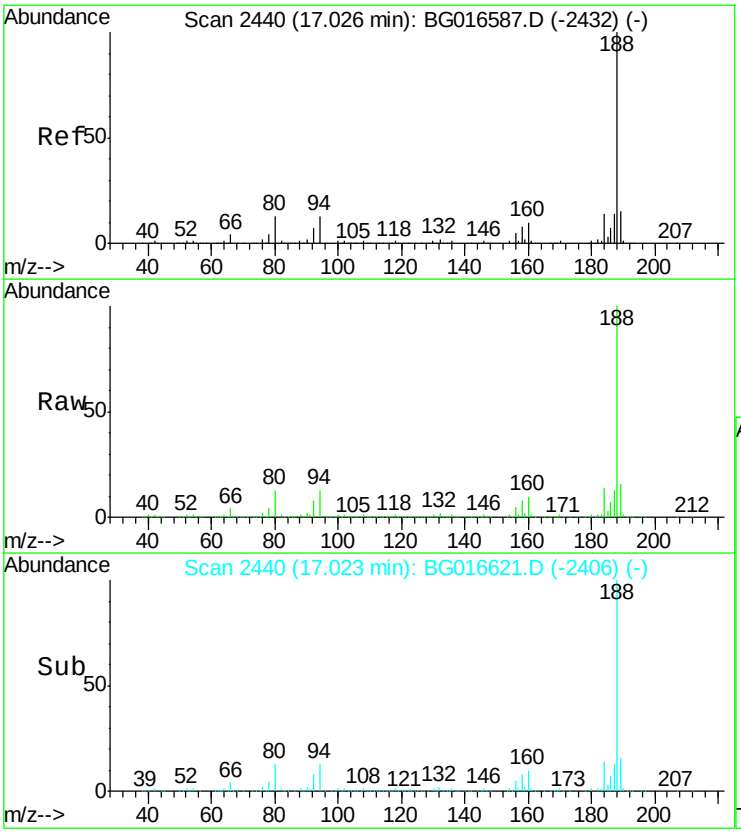

#53
2,4-Dinitrophenol
Concen: 8.44 ng
RT: 14.58 min Scan# 2024
Delta R.T. 0.16 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

Tgt Ion:184 Resp: 73

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 81.1 | 42.6 | 64.0# |
| 154 | 84.0 | 33.4 | 50.0# |

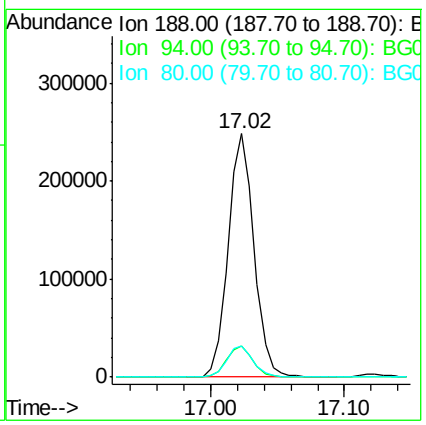


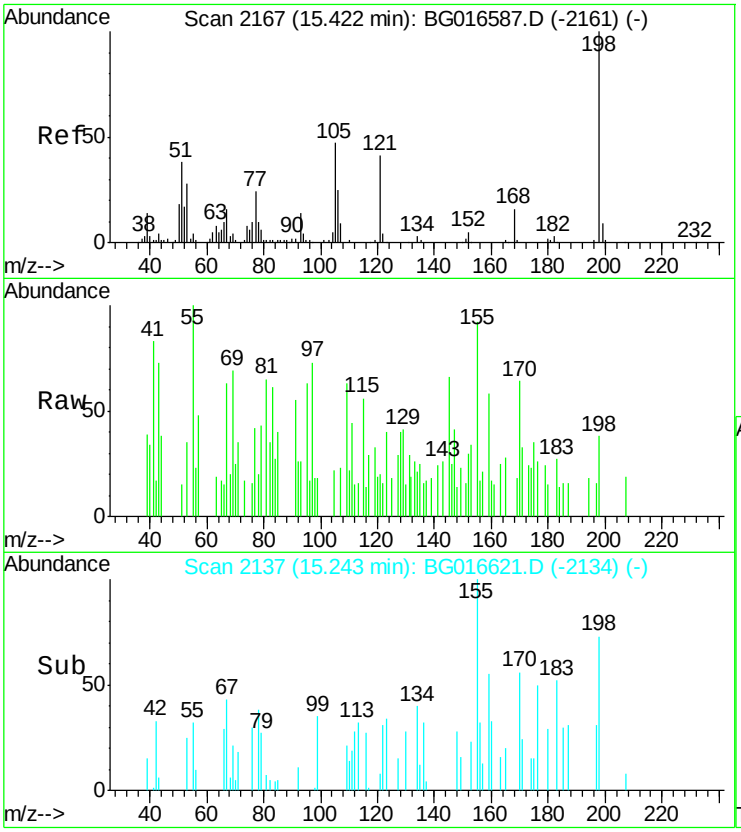




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:188 Resp: 335859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.6 | 10.5 | 15.7 |
| 80 | 13.0 | 10.6 | 16.0 |



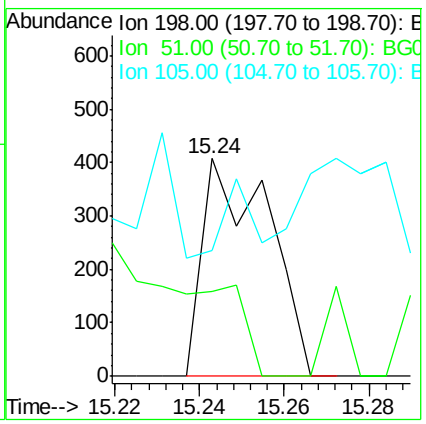


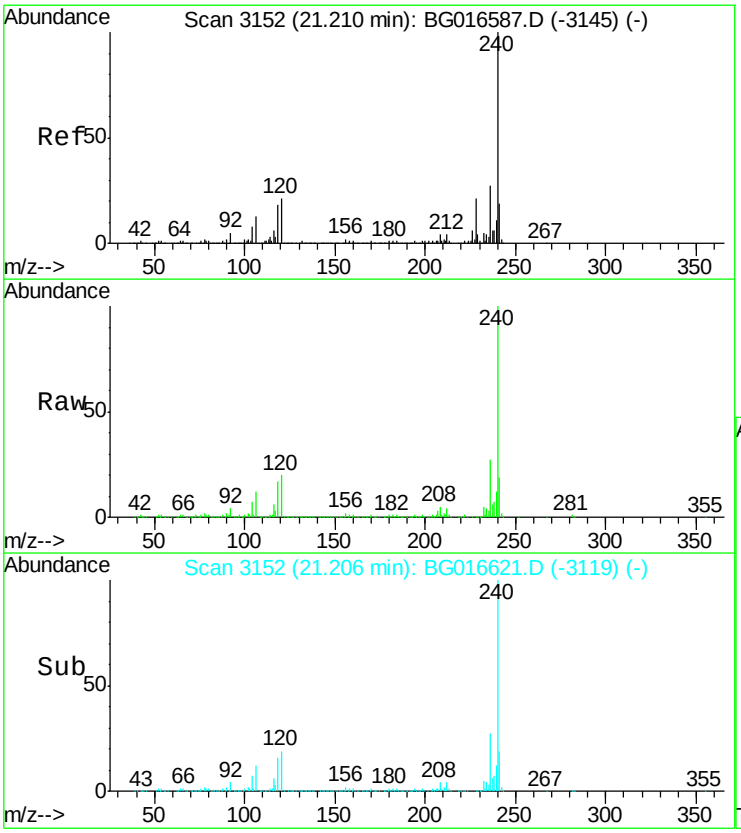

#64
4,6-Dinitro-2-methylphenol
Concen: 4.30 ng
RT: 15.24 min Scan# 2137
Delta R.T. -0.18 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

Tgt Ion:198 Resp: 442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 39.1 | 18.6 | 58.6 |
| 105 | 57.7 | 27.7 | 67.7 |

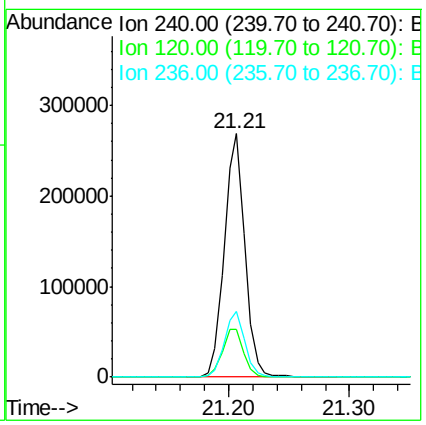


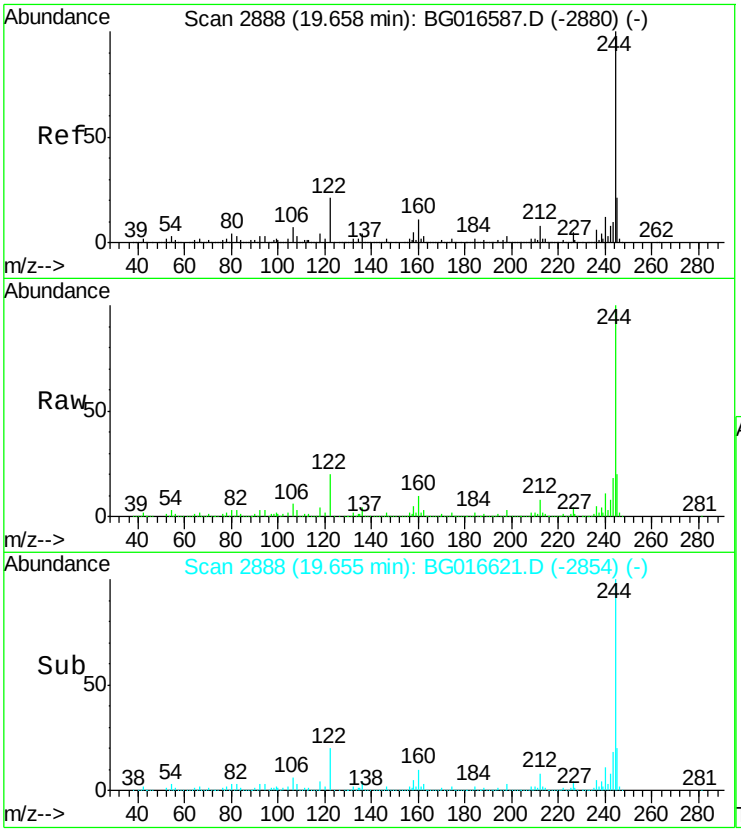




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:240 Resp: 316543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.6 | 16.7 | 25.1 |
| 236 | 26.7 | 21.7 | 32.5 |



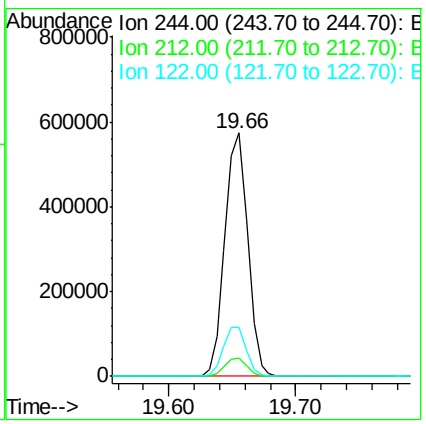


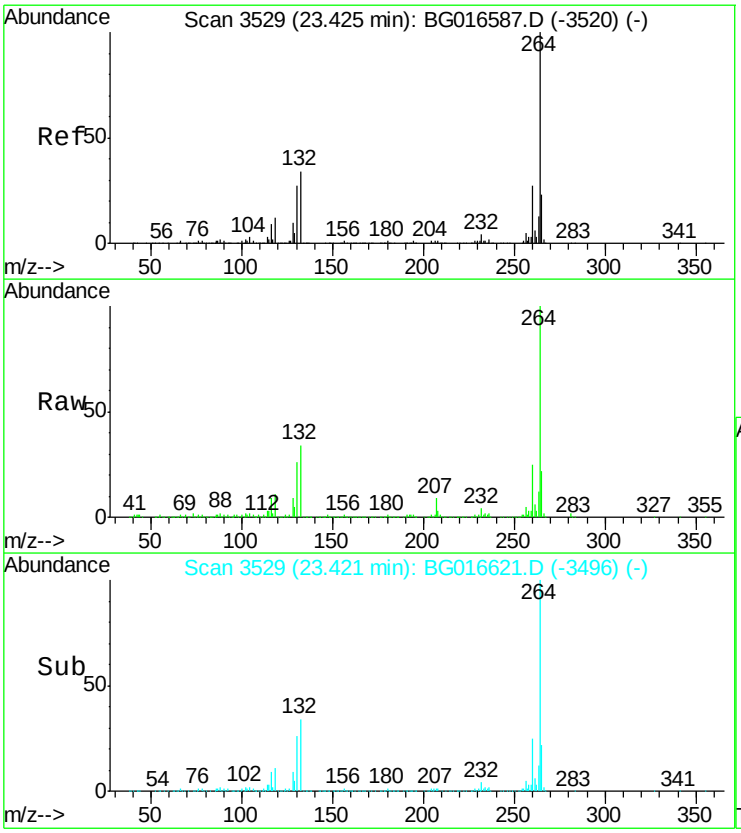

#78
Terphenyl-d14
Concen: 54.83 ng
RT: 19.66 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

**Instrument :**
BNA_G
**ClientSampleId :**
MW-02

Tgt Ion:244 Resp: 720434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.8 | 10.2 |
| 122 | 20.0 | 17.0 | 25.6 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:264 Resp: 298072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 21.4 | 32.2 |
| 265 | 21.7 | 18.7 | 28.1 |