Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033762.D
Acq On : 12 Apr 2018 1:41
Operator : SJ/JU
Sample : J2321-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 041018-JETB-E-D-M

Quant Time: Apr 12 03:25:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.86 | 152 | 26870 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.74 | 136 | 117211 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.47 | 164 | 88994 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.21 | 188 | 253236 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.55 | 240 | 276292 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 26.31 | 264 | 294814 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.28 | 112 | 63353 | 44.21 | ng | 0.00 |
| 7) Phenol-d6 | 7.97 | 99 | 54754 | 22.24 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 10.06 | 82 | 243623 | 95.49 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.95 | 330 | 115786 | 86.99 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.10 | 172 | 573703 | 93.06 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.73 | 244 | 1249854 | 96.74 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 49) Dimethylphthalate | 14.89 | 163 | 26729 | 3.451 | ng | # 96 |

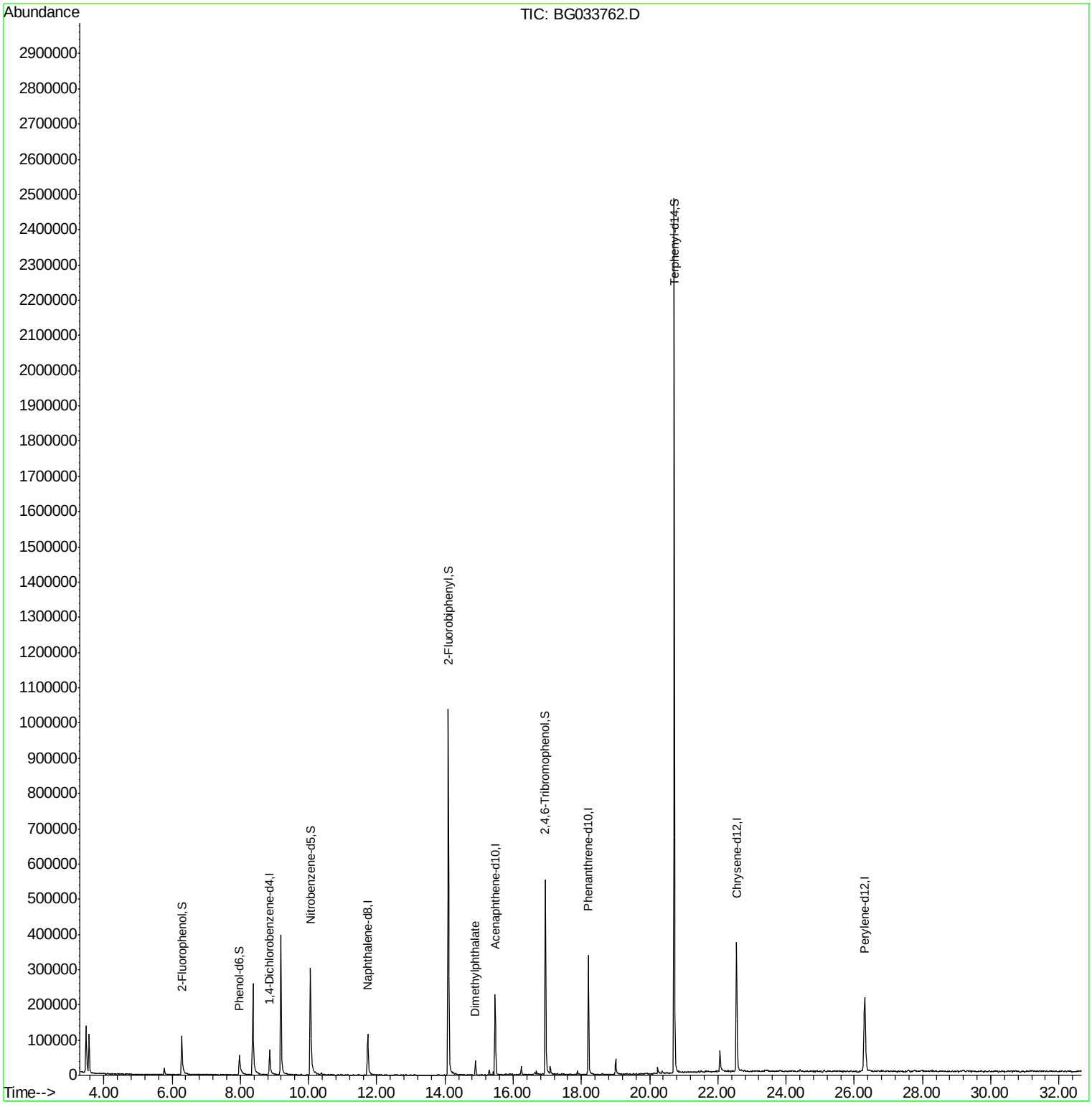
(#) = qualifier out of range (m) = manual integration (+) = signals summed

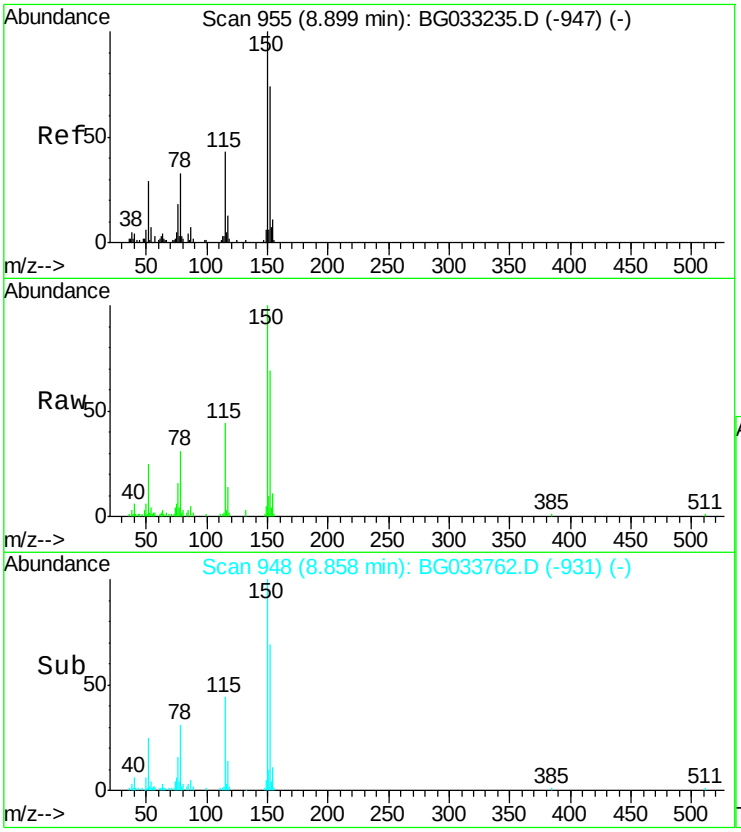
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033762.D
Acq On : 12 Apr 2018 1:41
Operator : SJ/JU
Sample : J2321-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
041018-JETB-E-D-M

Quant Time: Apr 12 03:25:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration



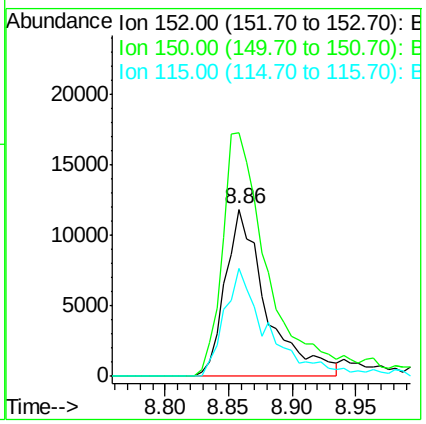


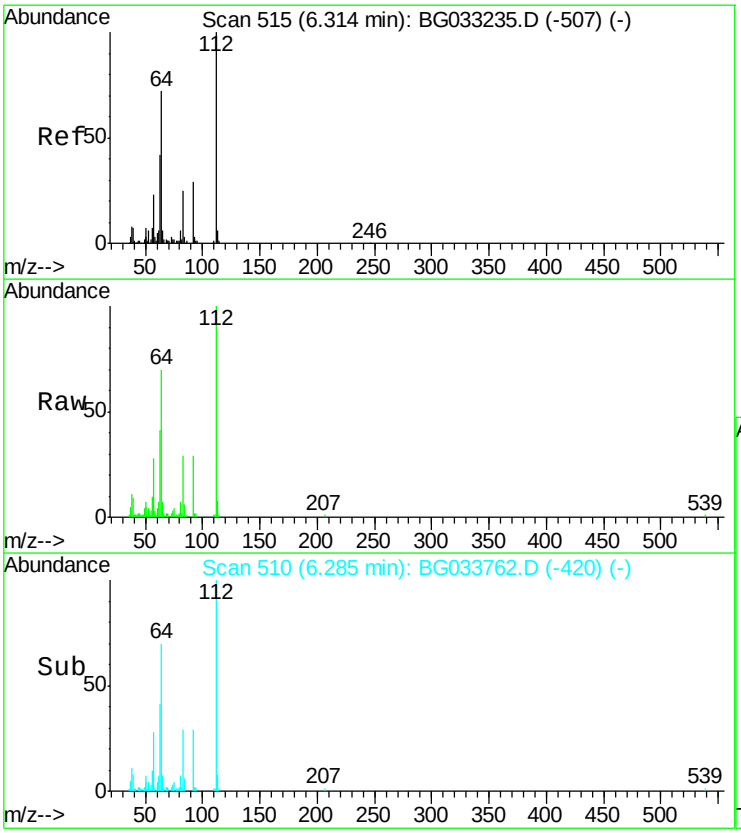

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

**Instrument :**
BNA_G
**ClientSampleId :**
041018-JETB-E-D-M

Tgt Ion:152 Resp: 26870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 145.6 | 126.6 | 189.8 |
| 115 | 64.3 | 53.0 | 79.4 |

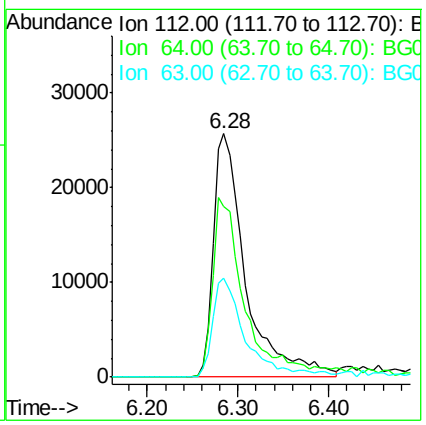


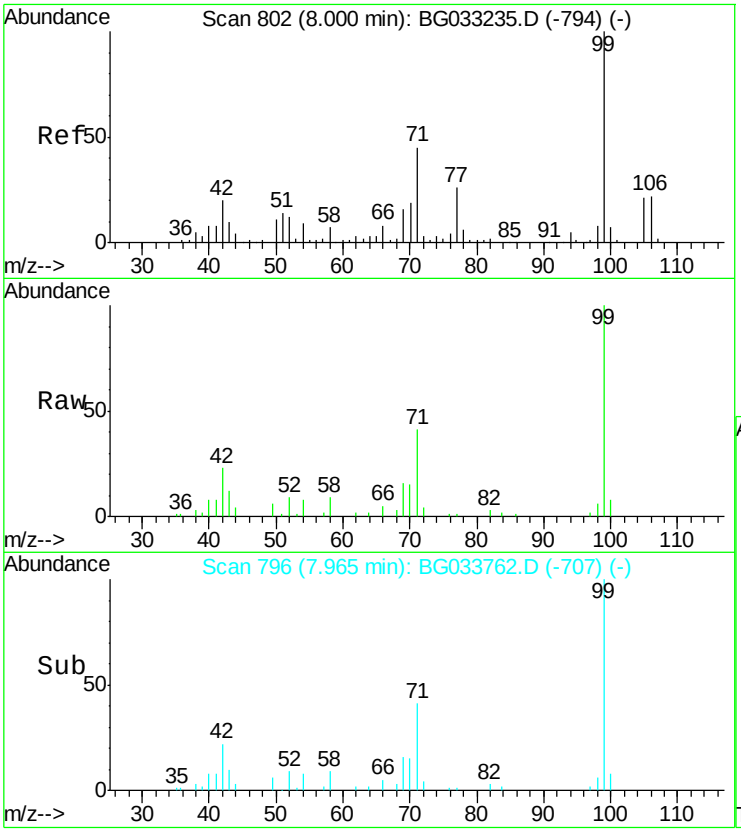




#5
2-Fluorophenol
Concen: 44.211 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:112 Resp: 63353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.2 | 56.3 | 84.5 |
| 63 | 40.6 | 30.1 | 45.1 |



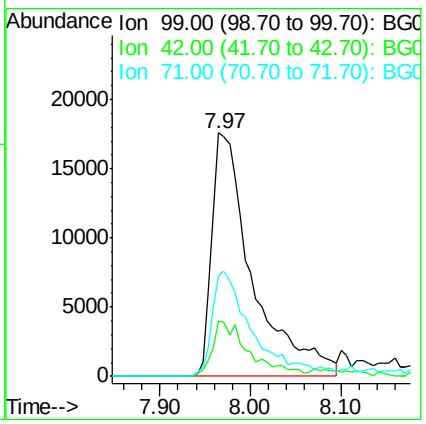


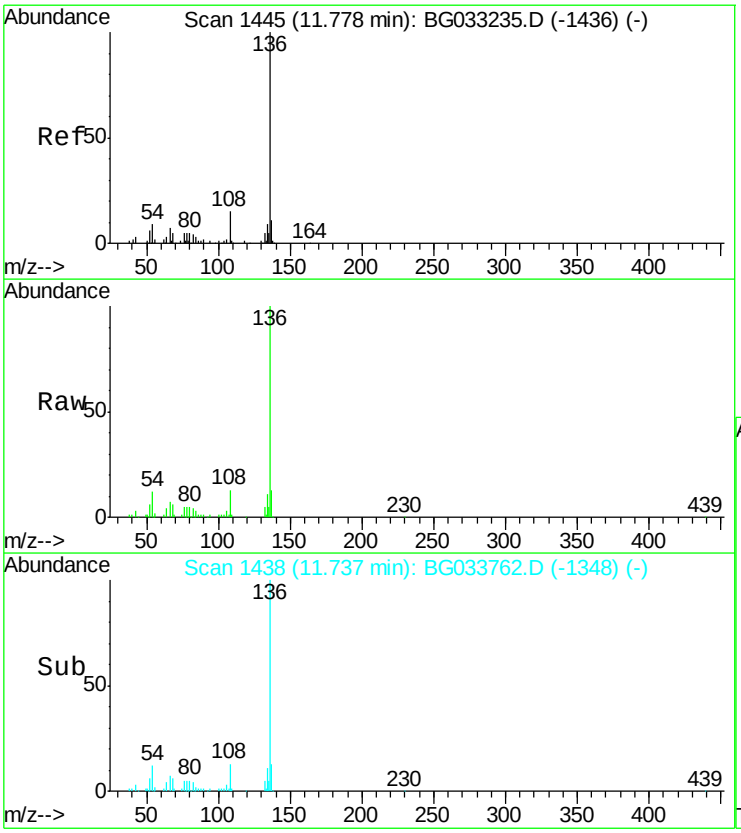

#7
Phenol-d6
Concen: 22.238 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

**Instrument :**
BNA_G
**ClientSampleId :**
041018-JETB-E-D-M

Tgt Ion: 99 Resp: 54754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.7 | 14.1 | 21.1# |
| 71 | 41.1 | 26.1 | 39.1# |

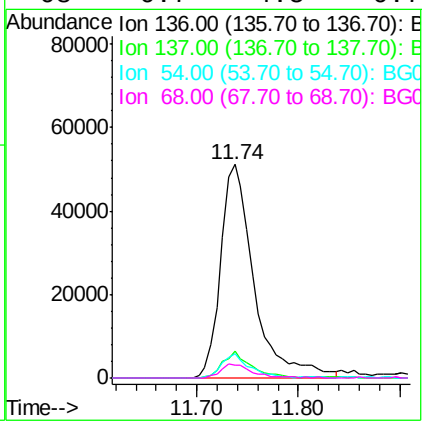


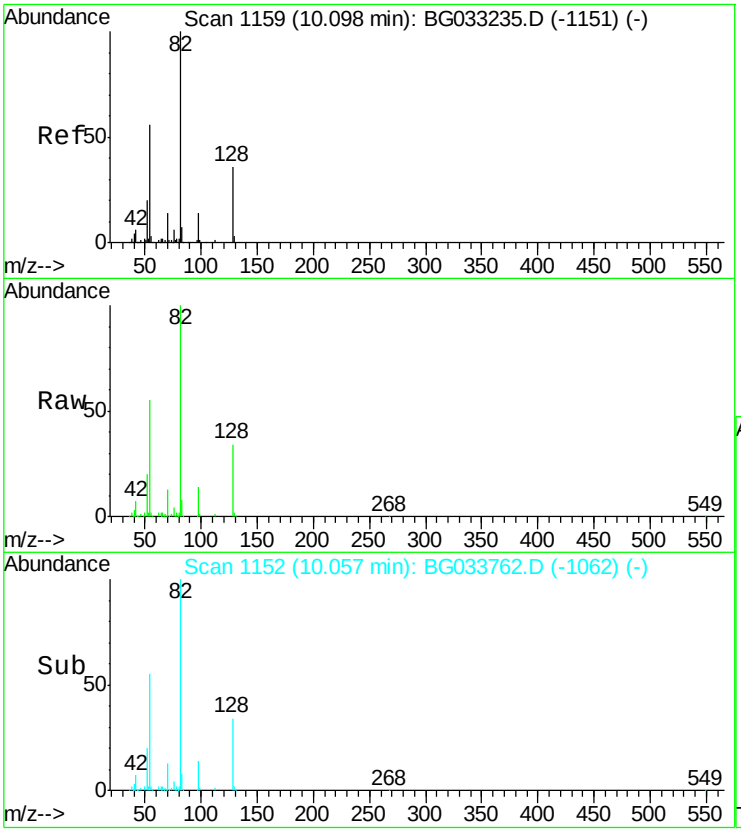




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:136 Resp: 117211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.8 | 9.2 | 13.8 |
| 54 | 11.6 | 10.3 | 15.5 |
| 68 | 6.7 | 4.5 | 6.7 |



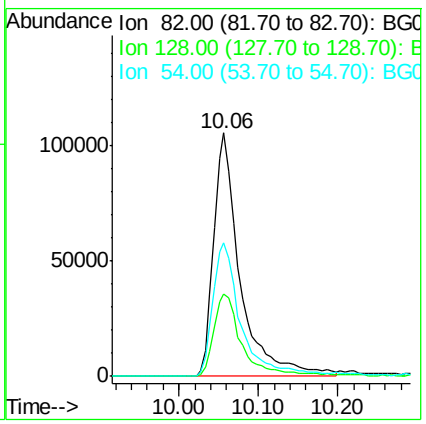


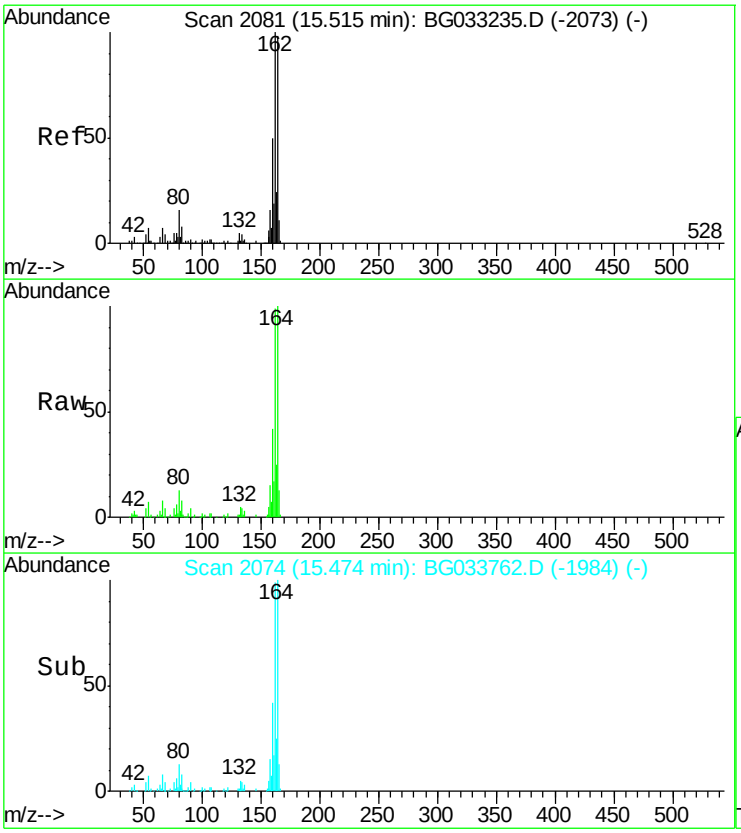

#23
Nitrobenzene-d5
Concen: 95.495 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

**Instrument :**
BNA_G
**ClientSampleId :**
041018-JETB-E-D-M

Tgt Ion: 82 Resp: 243623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.0 | 29.7 | 44.5 |
| 54 | 54.7 | 43.1 | 64.7 |

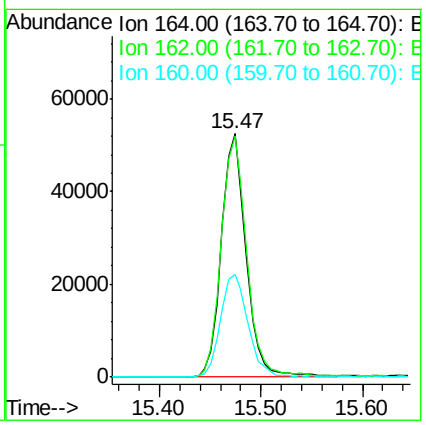


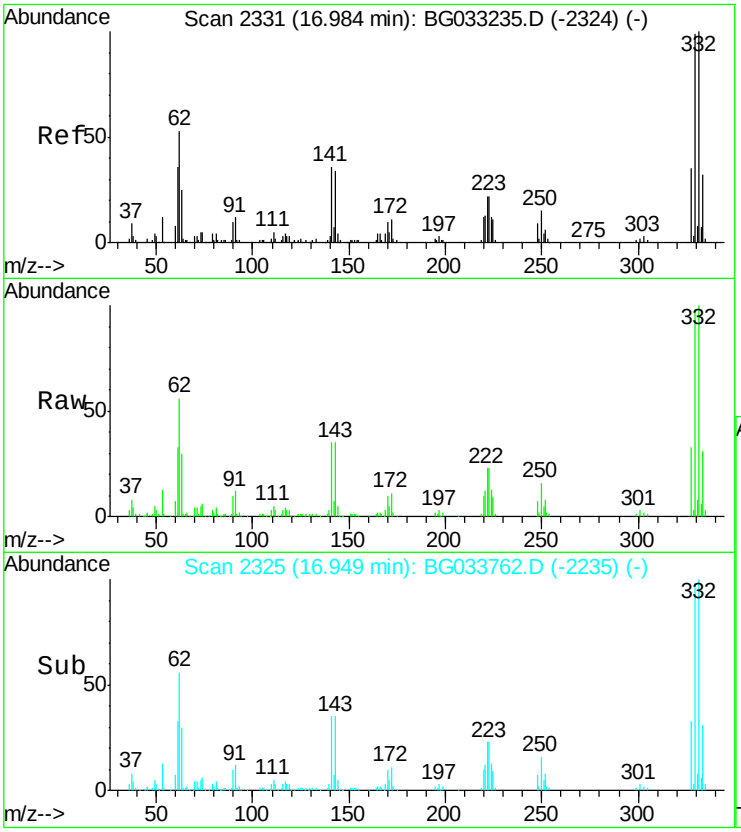




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:164 Resp: 88994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.2 | 78.8 | 118.2 |
| 160 | 42.2 | 35.4 | 53.0 |



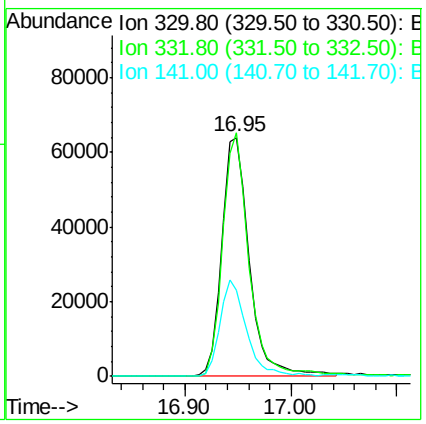


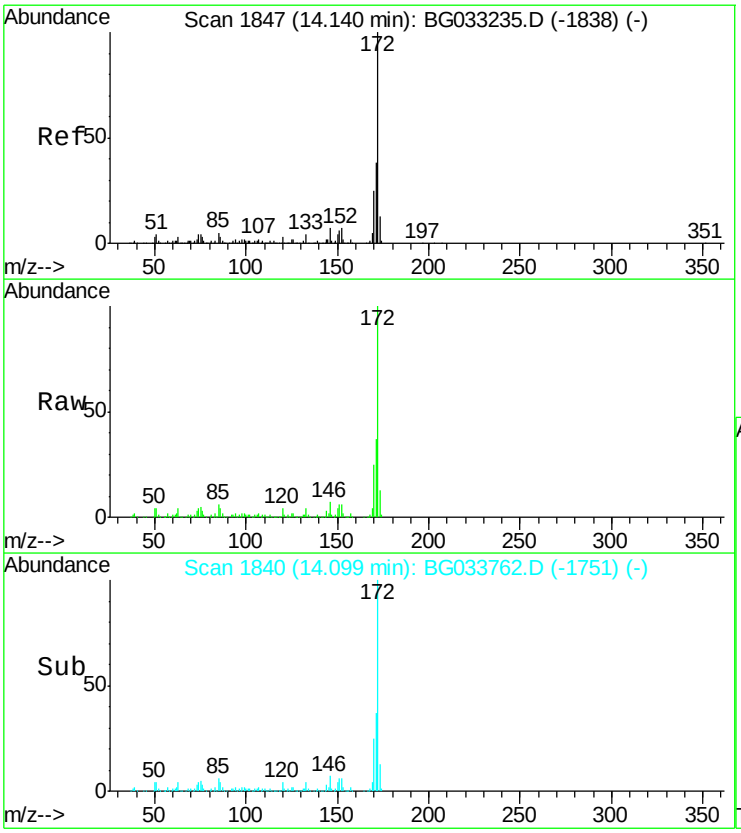

#41
2,4,6-Tribromophenol
Concen: 86.991 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

**Instrument :**
BNA_G
**ClientSampleId :**
041018-JETB-E-D-M

Tgt Ion:330 Resp: 115786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 77.0 | 115.6 |
| 141 | 38.1 | 25.2 | 37.8# |

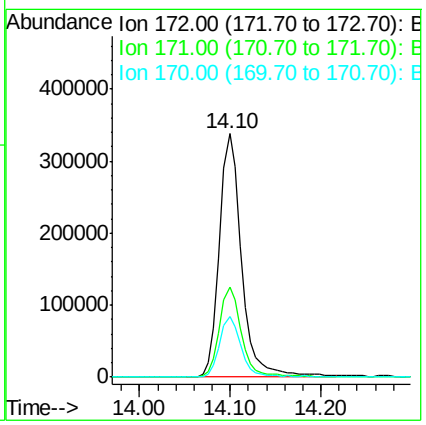


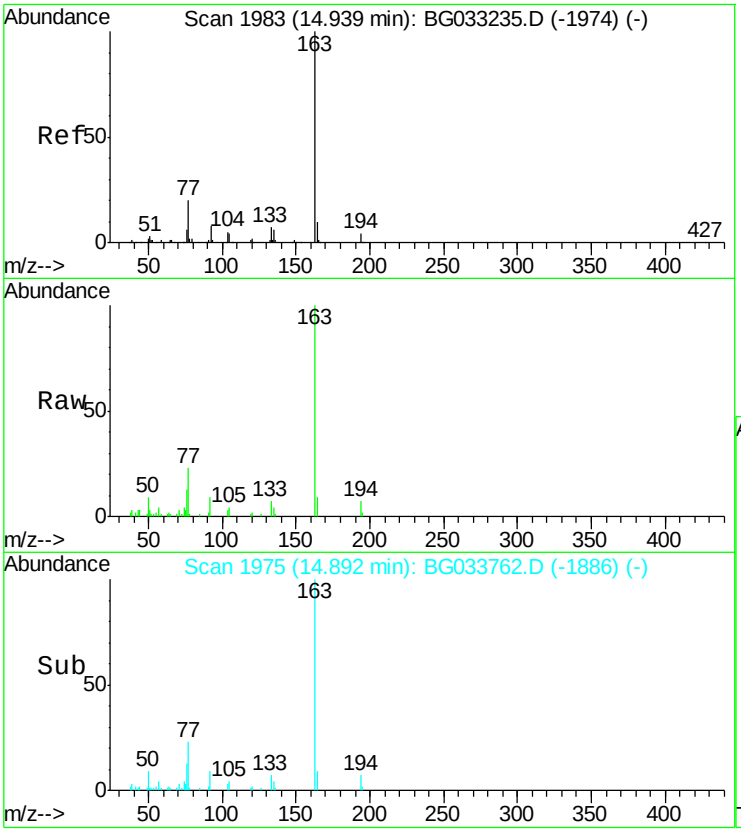




#44
2-Fluorobiphenyl
Concen: 93.064 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:172 Resp: 573703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.1 | 30.0 | 45.0 |
| 170 | 25.0 | 19.5 | 29.3 |



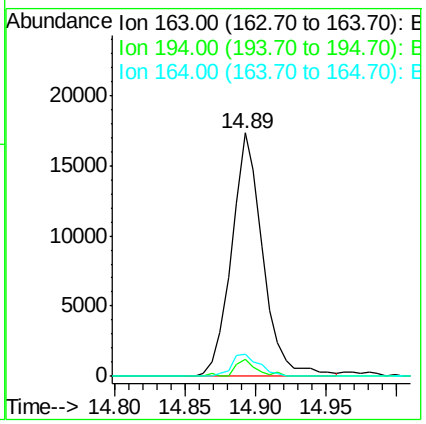


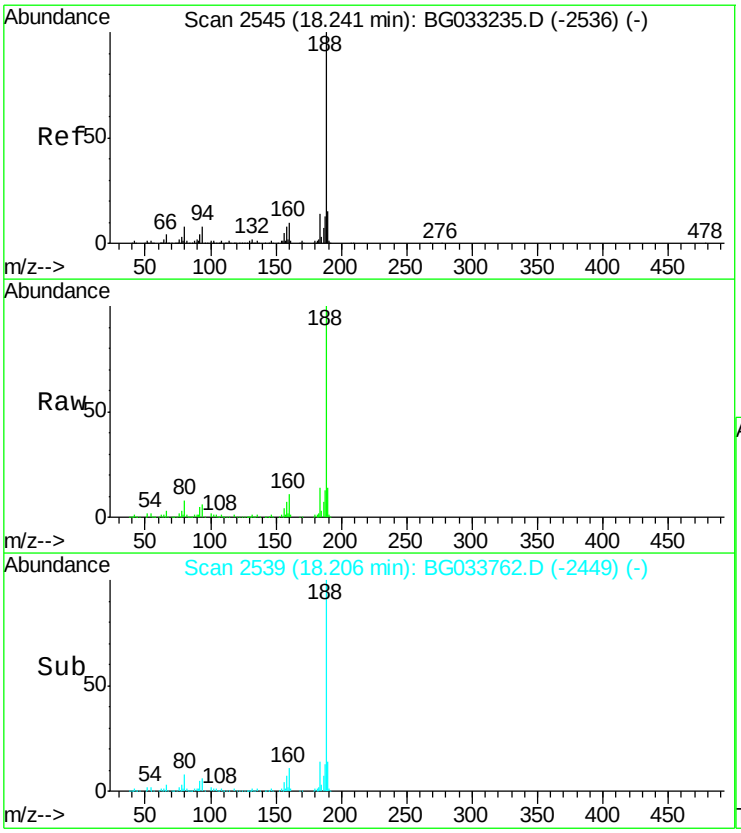

#49
Dimethylphthalate
Concen: 3.451 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

**Instrument :**
BNA_G
**ClientSampleId :**
041018-JETB-E-D-M

Tgt Ion:163 Resp: 26729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 6.8 | 3.4 | 5.2# |
| 164 | 9.3 | 8.2 | 12.4 |

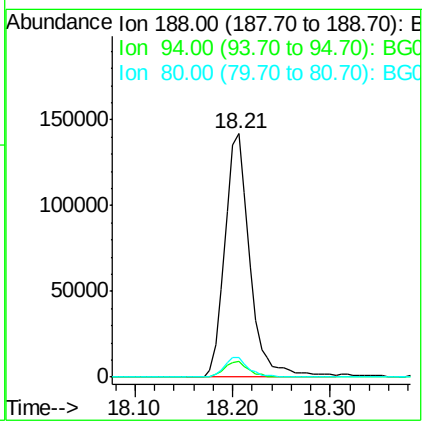


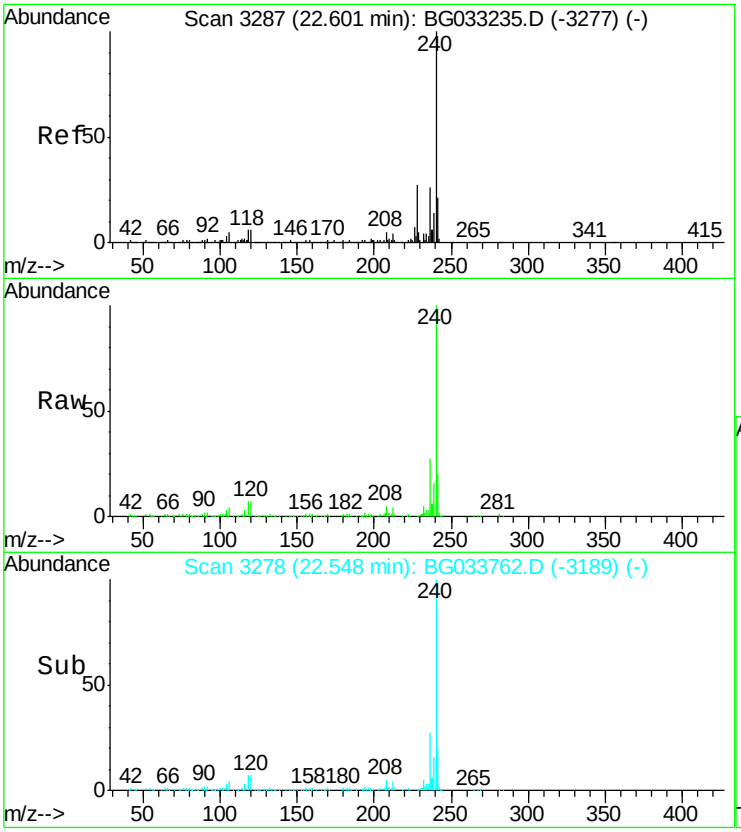




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:188 Resp: 253236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.5 | 6.9 | 10.3# |
| 80 | 8.0 | 7.7 | 11.5 |



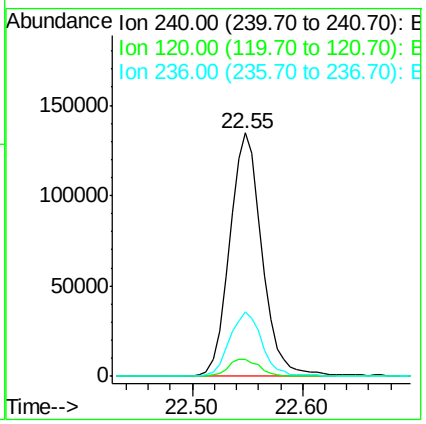


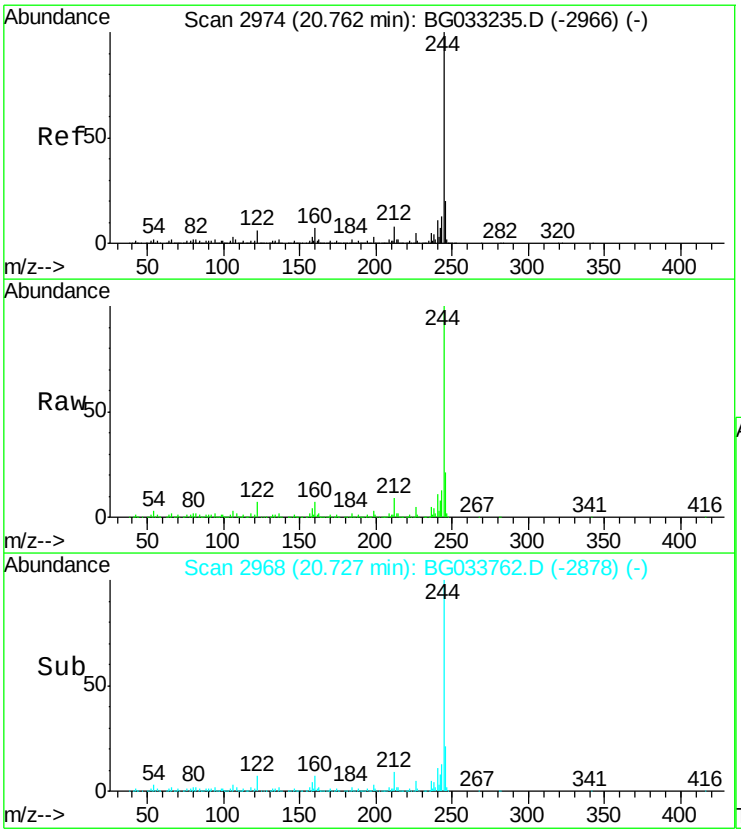

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

**Instrument :**
BNA_G
**ClientSampleId :**
041018-JETB-E-D-M

Tgt Ion:240 Resp: 276292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.2 | 6.8 | 10.2 |
| 236 | 26.6 | 20.9 | 31.3 |

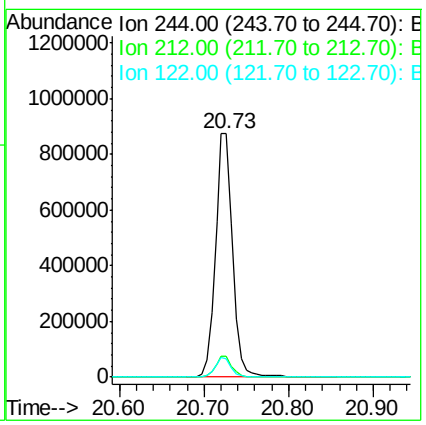


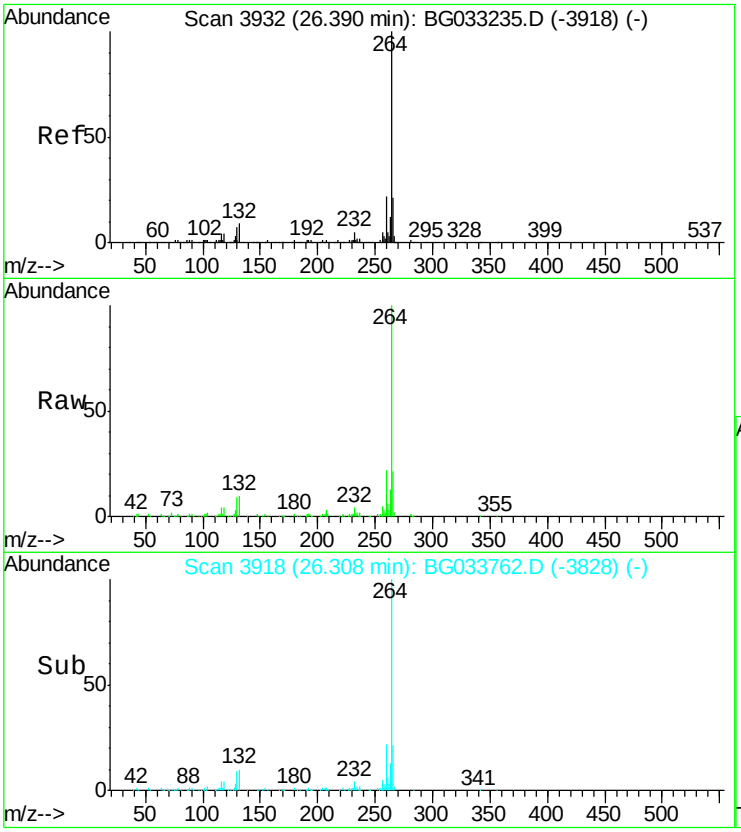




#78
Terphenyl-d14
Concen: 96.744 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

Tgt Ion:244 Resp: 1249854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.6 | 5.8 | 8.8 |
| 122 | 7.4 | 7.0 | 10.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033762.D
Acq: 12 Apr 2018 1:41

**Instrument :**
BNA_G
**ClientSampleId :**
041018-JETB-E-D-M

Tgt Ion:264 Resp: 294814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.3 | 17.4 | 26.0 |
| 265 | 20.7 | 17.7 | 26.5 |