Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052715\
Data File : BG017297.D
Acq On : 27 May 2015 11:08
Operator : TP/IZ
Sample : G2255-06RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** LF001MW003-150512RE

Quant Time: May 28 02:26:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 02:22:53 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 82707 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.45 | 136 | 369124 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.32 | 164 | 262271 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.07 | 188 | 670679 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 727246 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.51 | 264 | 715467 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.25 | 112 | 8231 | 1.77 | ng | | 0.00 |
| 7) Phenol-d6 | 6.86 | 99 | 9098 | 1.39 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 28298 | 3.58 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.81 | 330 | 41971 | 13.24 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.93 | 172 | 86366 | 4.83 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.70 | 244 | 329540 | 9.44 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.12 | 88 | 6464 | 3.51 | ng | | 98 |
| 9) Benzaldehyde | 6.80 | 77 | 149 | Below Cal | | # | 6 |
| 49) Dimethylphthalate | 13.78 | 163 | 59936 | 2.92 | ng | | 96 |

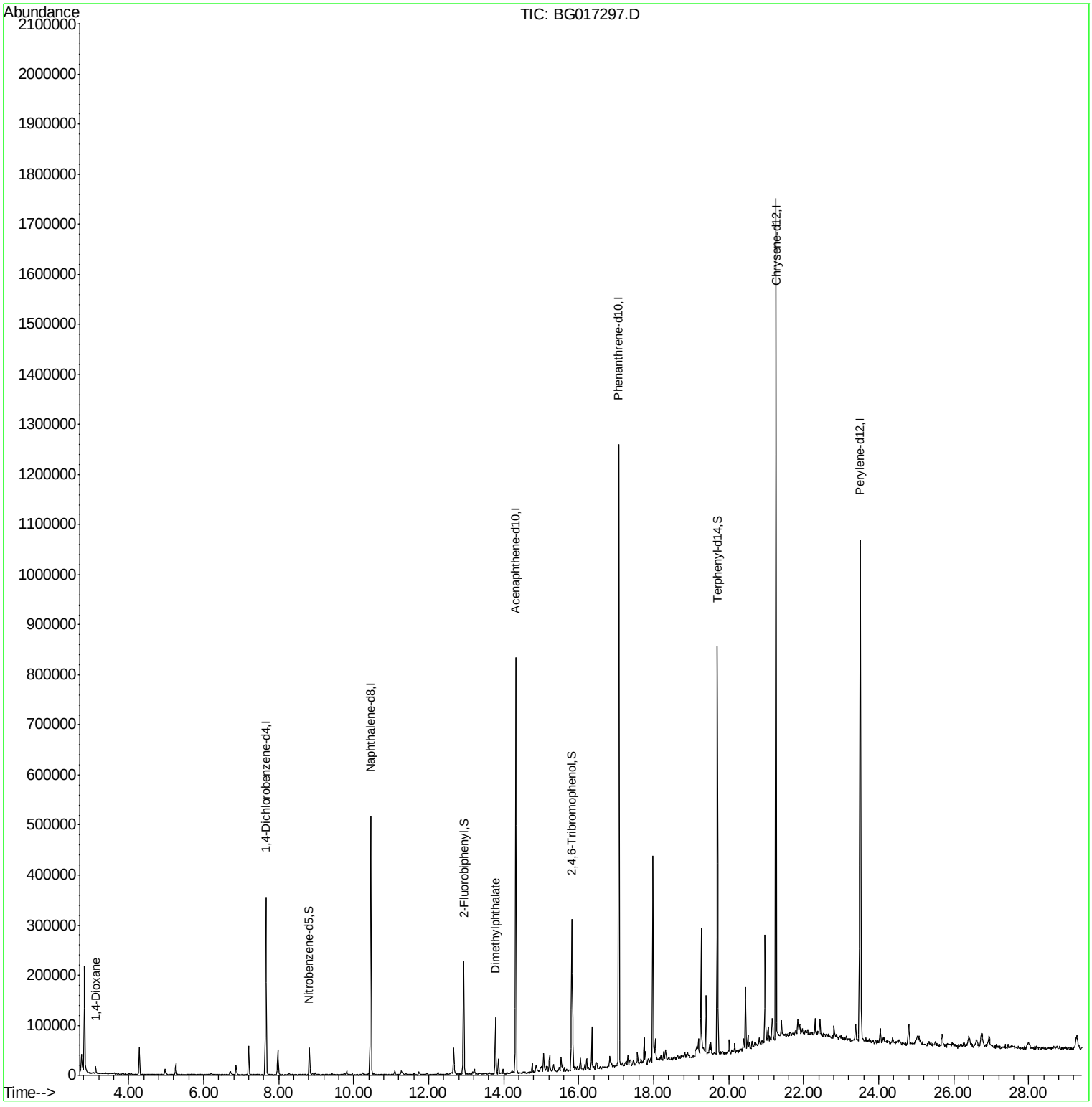
(#) = qualifier out of range (m) = manual integration (+) = signals summed

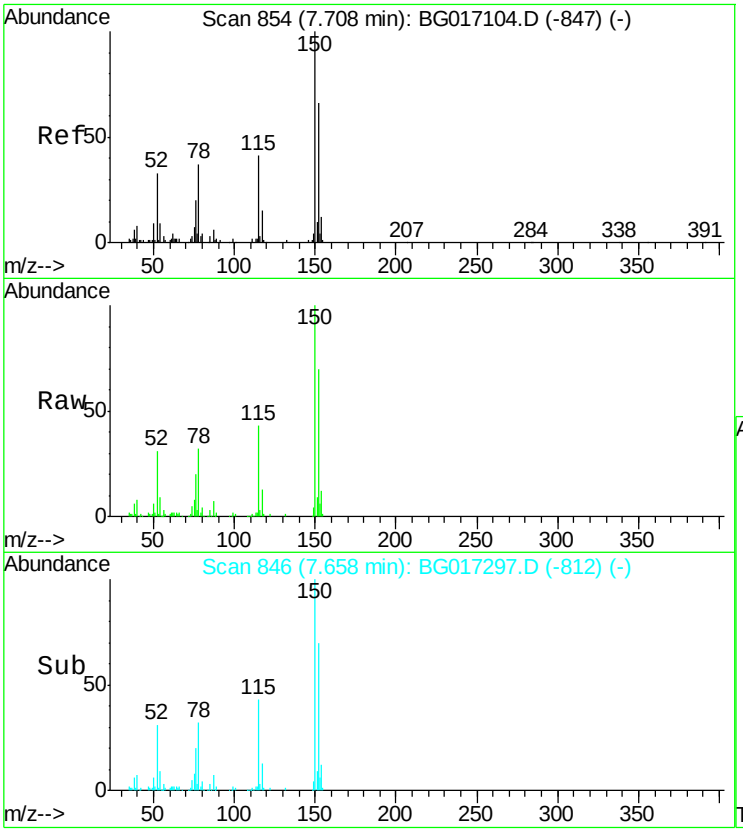
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052715\
Data File : BG017297.D
Acq On : 27 May 2015 11:08
Operator : TP/IZ
Sample : G2255-06RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
LF001MW003-150512RE

Quant Time: May 28 02:26:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 02:22:53 2015
Response via : Initial Calibration



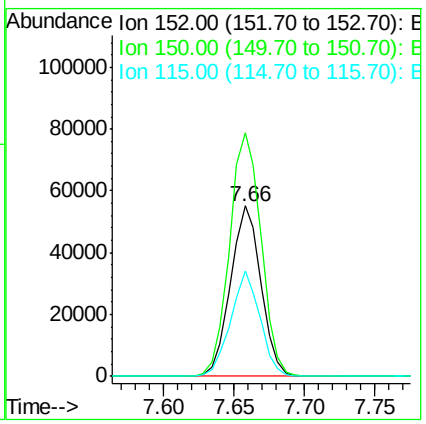


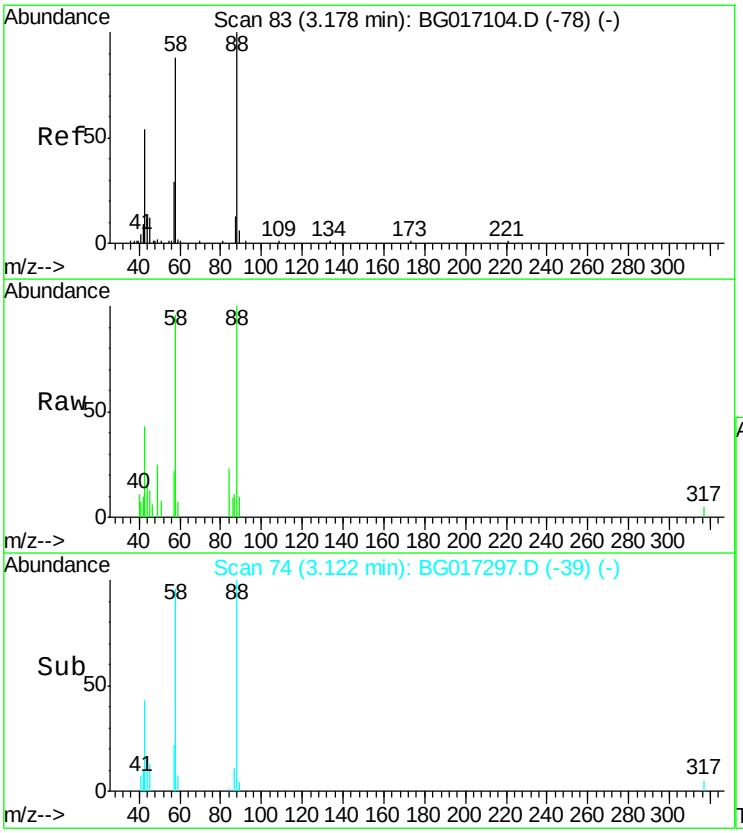

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

**Instrument :**
BNA_G
**ClientSampleId :**
LF001MW003-150512RE

Tgt Ion:152 Resp: 82707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 143.0 | 120.8 | 181.2 |
| 115 | 62.0 | 49.4 | 74.2 |

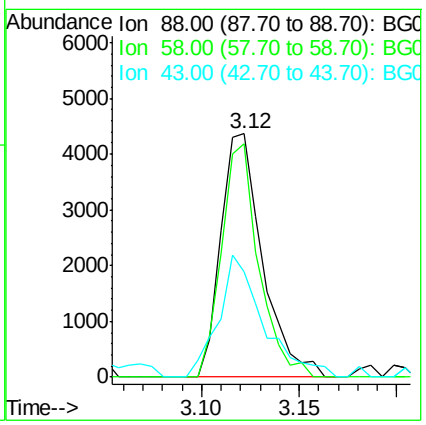


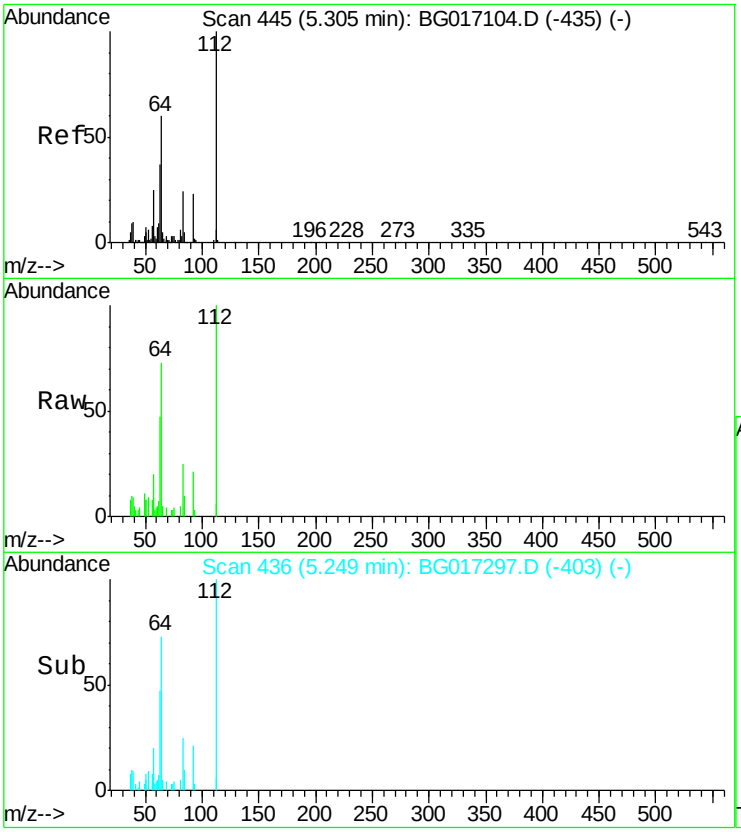




#2
1,4-Dioxane
Concen: 3.51 ng
RT: 3.12 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion: 88 Resp: 6464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 85.6 | 68.6 | 103.0 |
| 43 | 53.9 | 40.3 | 60.5 |



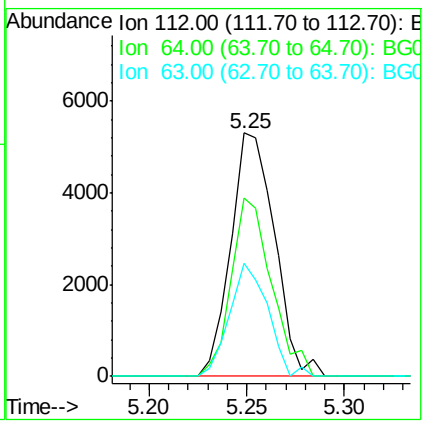


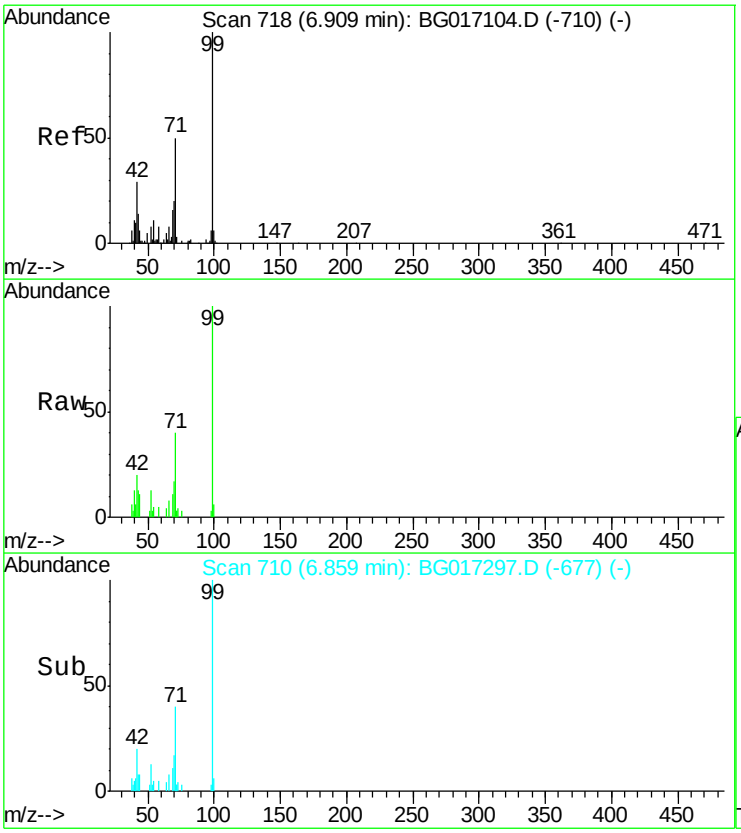

#5
2-Fluorophenol
Concen: 1.77 ng
RT: 5.25 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

**Instrument :**
BNA_G
**ClientSampleId :**
LF001MW003-150512RE

Tgt Ion:112 Resp: 8231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 73.0 | 48.1 | 72.1# |
| 63 | 46.6 | 29.8 | 44.8# |

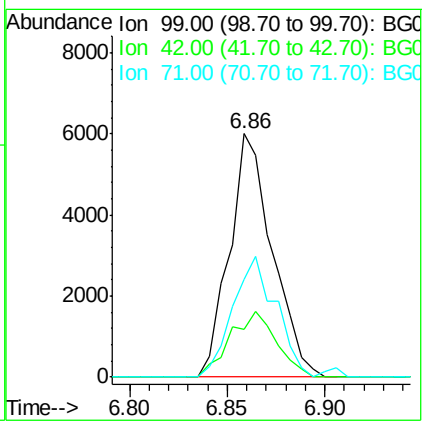


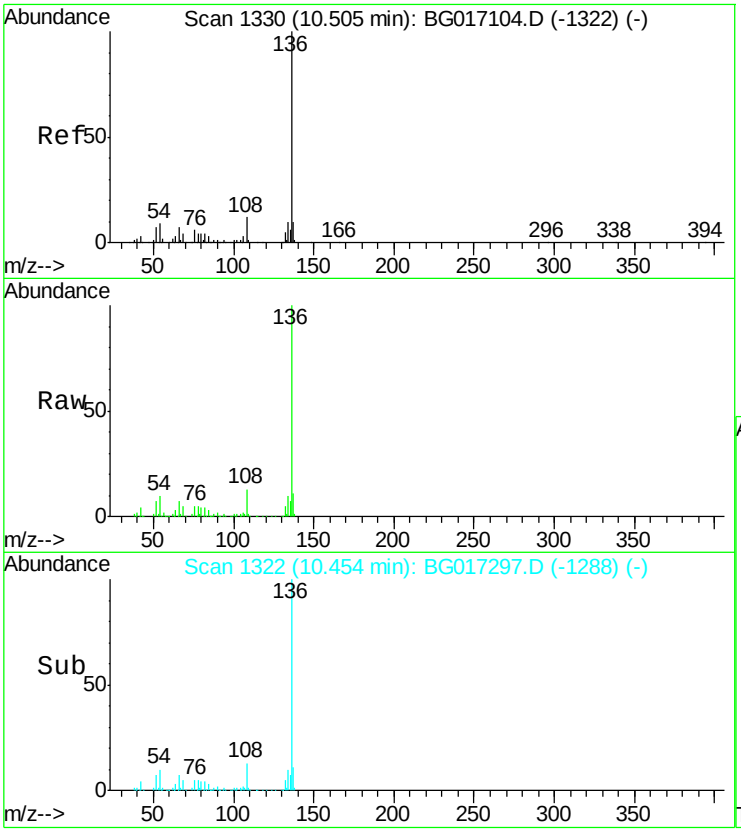




#7
Phenol-d6
Concen: 1.39 ng
RT: 6.86 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion: 99 Resp: 9098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.7 | 23.5 | 35.3# |
| 71 | 42.9 | 39.8 | 59.8 |



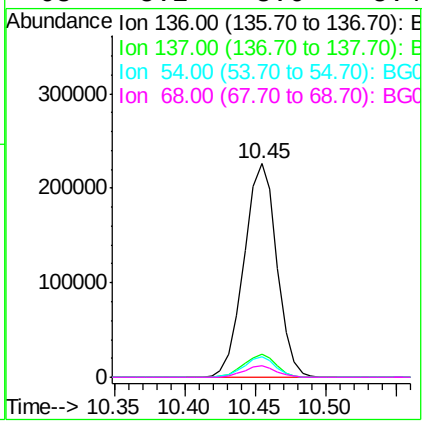


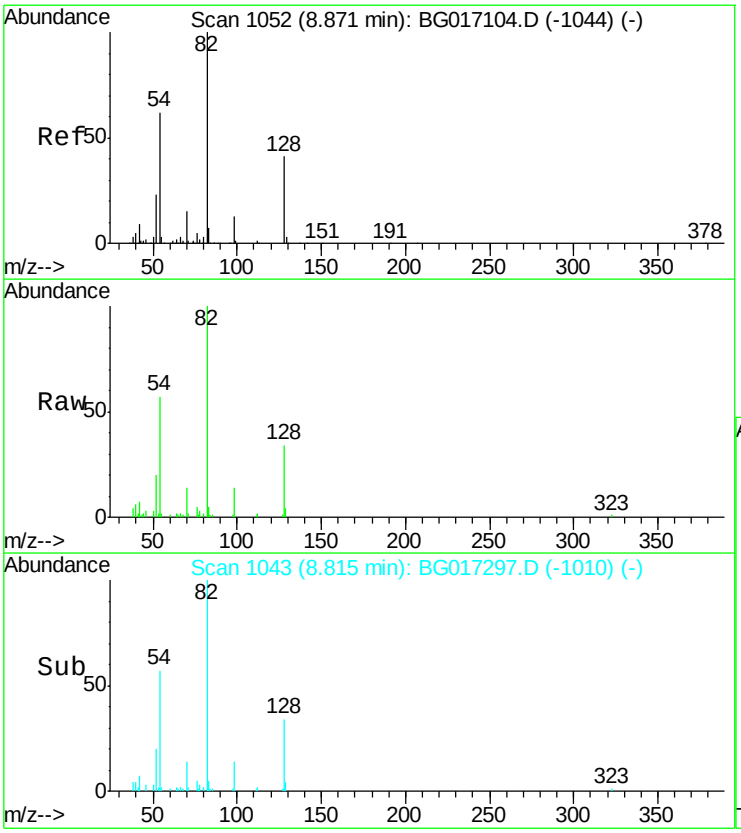

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

**Instrument :**
BNA_G
**ClientSampleId :**
LF001MW003-150512RE

Tgt Ion:136 Resp: 369124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.3 | 12.5 |
| 54 | 9.7 | 7.4 | 11.2 |
| 68 | 5.2 | 3.6 | 5.4 |

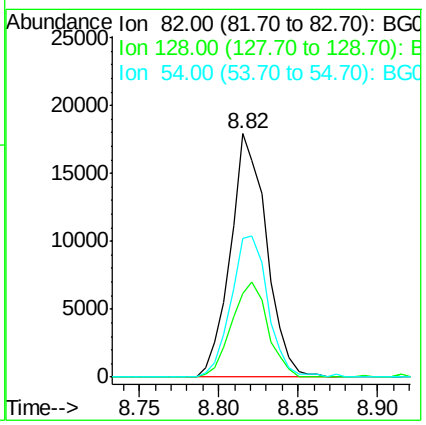


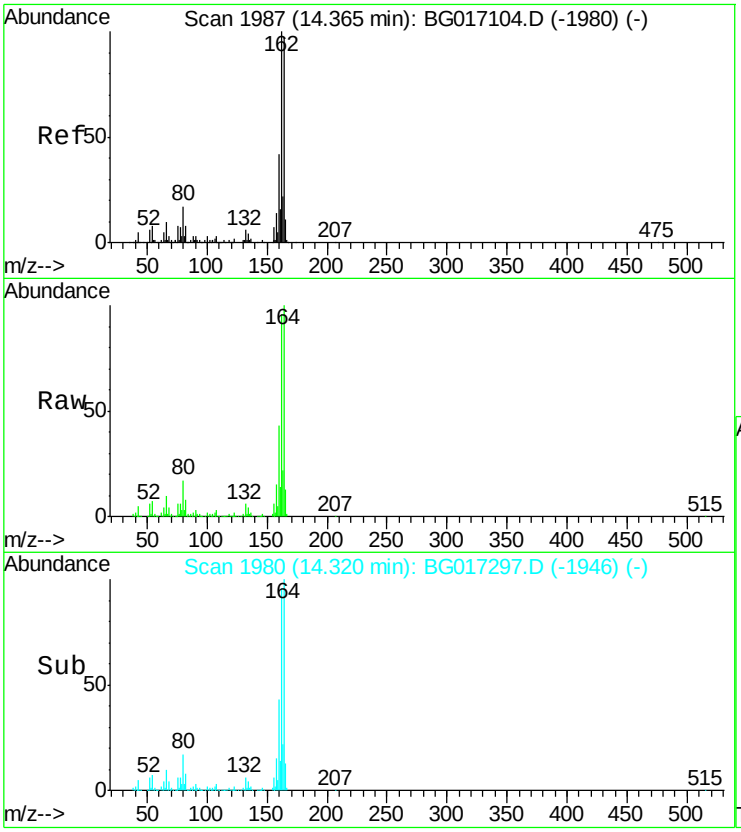




#23
Nitrobenzene-d5
Concen: 3.58 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion: 82 Resp: 28298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.4 | 32.6 | 49.0 |
| 54 | 57.0 | 49.6 | 74.4 |



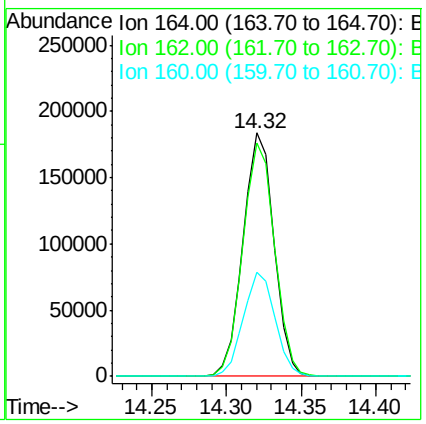


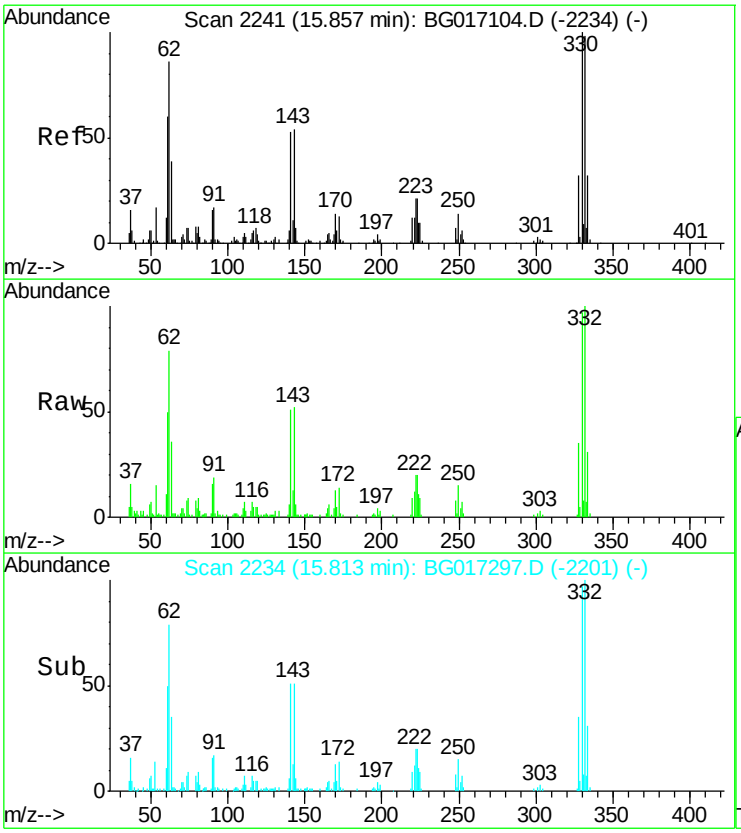

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

**Instrument :**
BNA_G
**ClientSampleId :**
LF001MW003-150512RE

Tgt Ion:164 Resp: 262271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.1 | 82.1 | 123.1 |
| 160 | 42.7 | 34.8 | 52.2 |

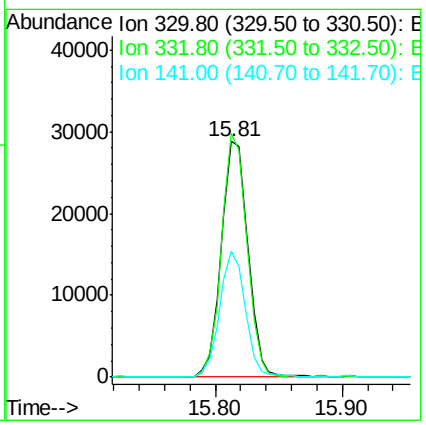


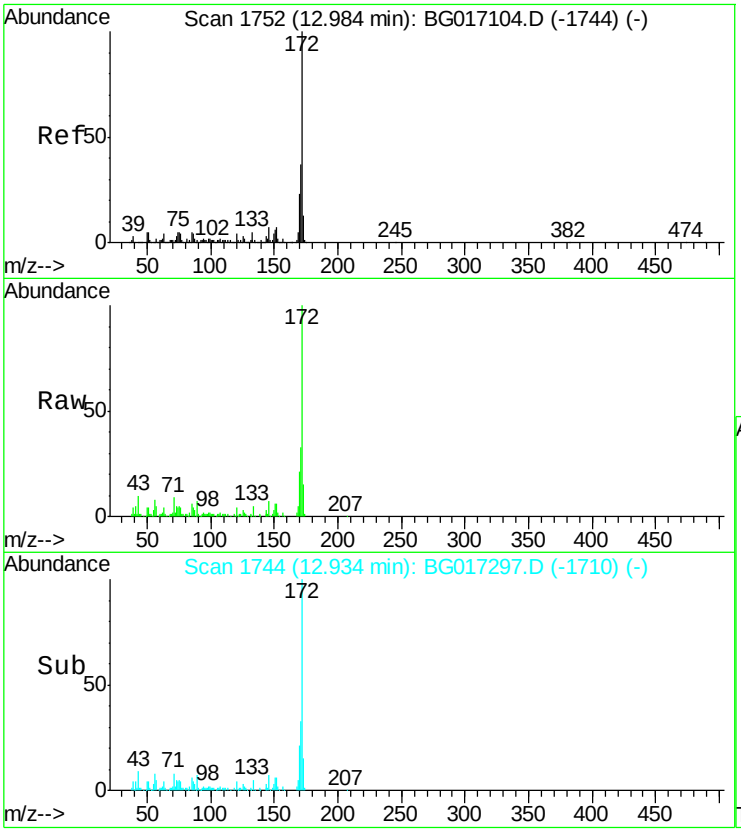




#41
2,4,6-Tribromophenol
Concen: 13.24 ng
RT: 15.81 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion:330 Resp: 41971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 76.9 | 115.3 |
| 141 | 51.6 | 42.2 | 63.2 |



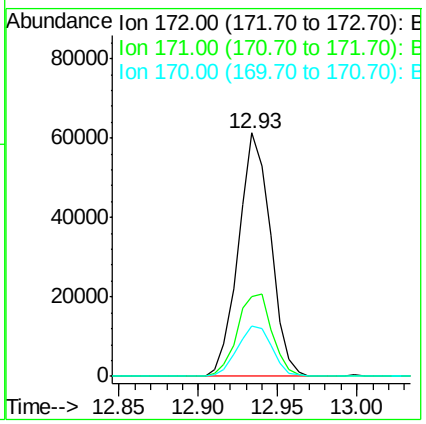


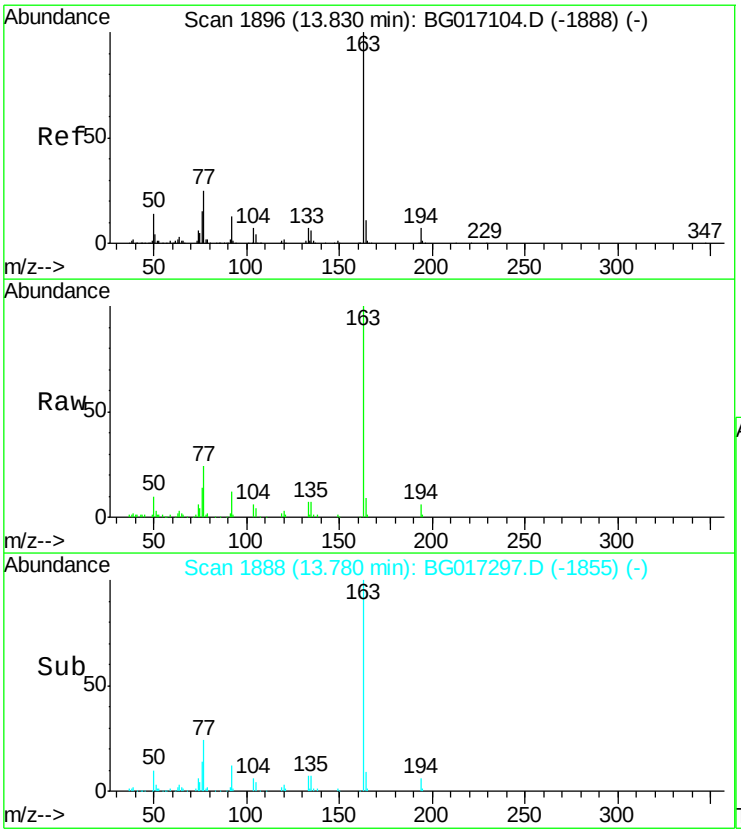

#44
2-Fluorobiphenyl
Concen: 4.83 ng
RT: 12.93 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

**Instrument :**
BNA_G
**ClientSampleId :**
LF001MW003-150512RE

Tgt Ion:172 Resp: 86366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 32.5 | 29.7 | 44.5 |
| 170 | 20.7 | 18.4 | 27.6 |

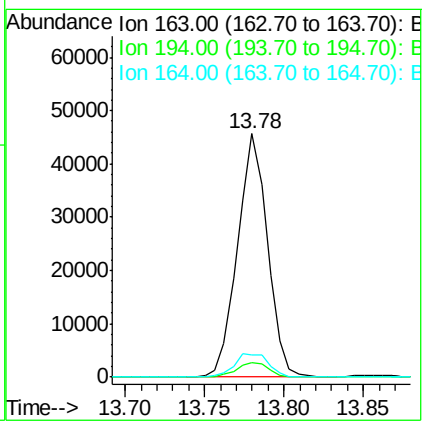


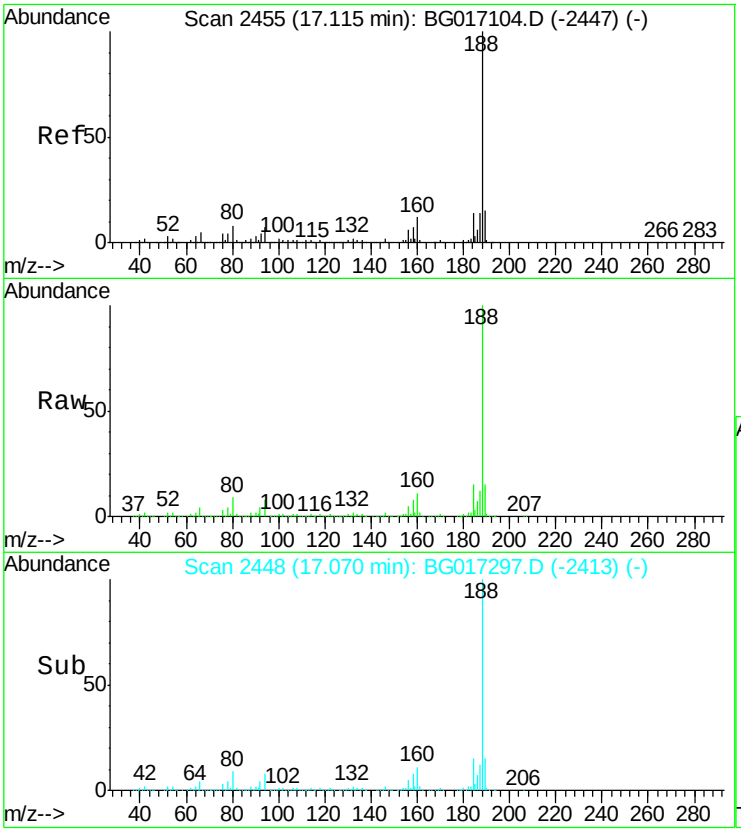




#49
Dimethylphthalate
Concen: 2.92 ng
RT: 13.78 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion:163 Resp: 59936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 6.0 | 5.6 | 8.4 |
| 164 | 9.2 | 8.6 | 13.0 |



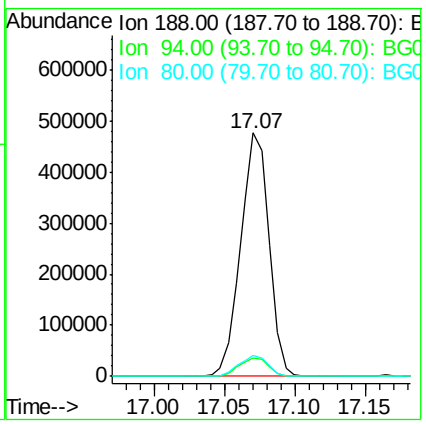


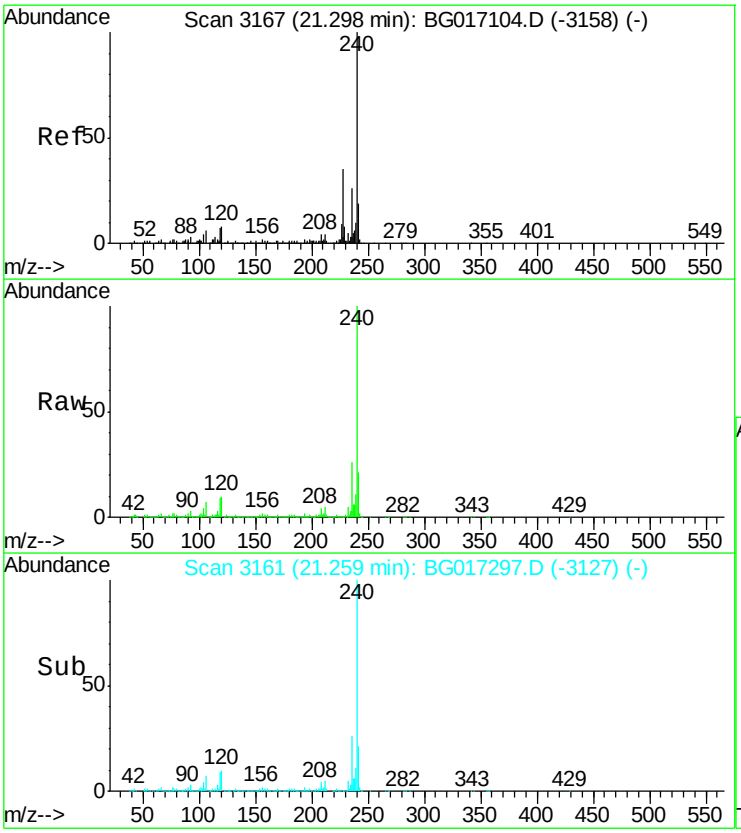

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

**Instrument :**
BNA_G
**ClientSampleId :**
LF001MW003-150512RE

Tgt Ion:188 Resp: 670679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.7 | 5.8 | 8.6 |
| 80 | 8.8 | 6.5 | 9.7 |

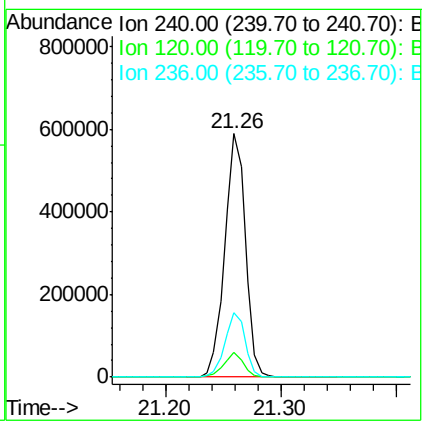


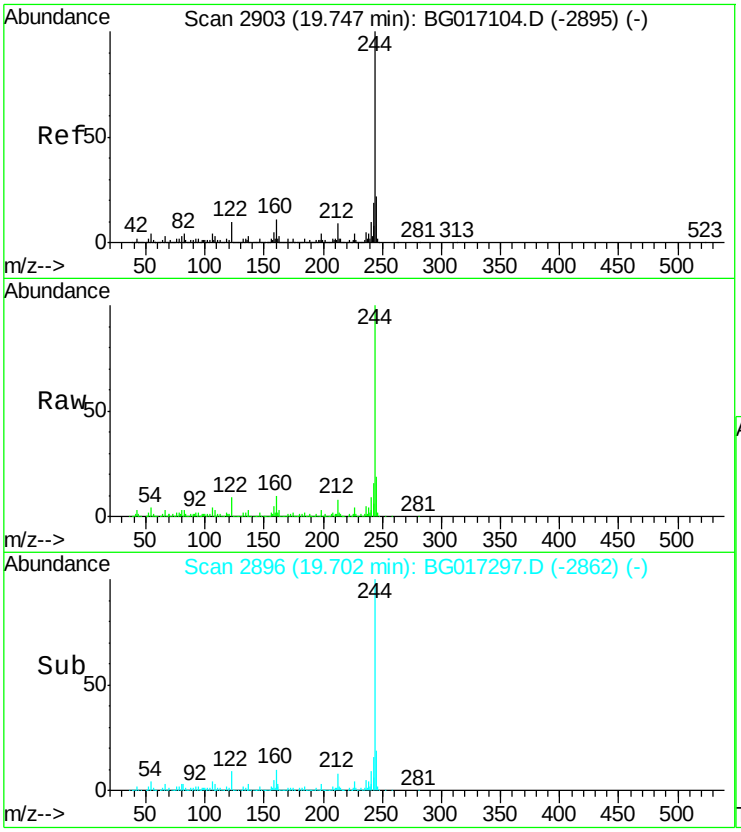




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion:240 Resp: 727246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 6.0 | 9.0# |
| 236 | 26.2 | 20.5 | 30.7 |



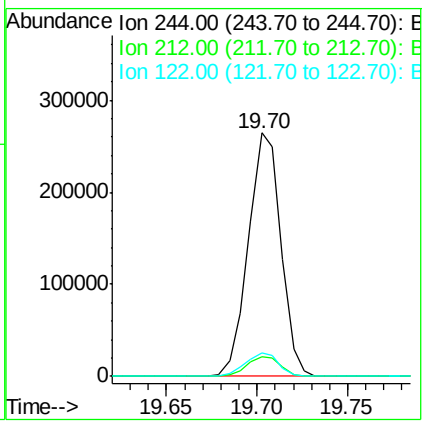


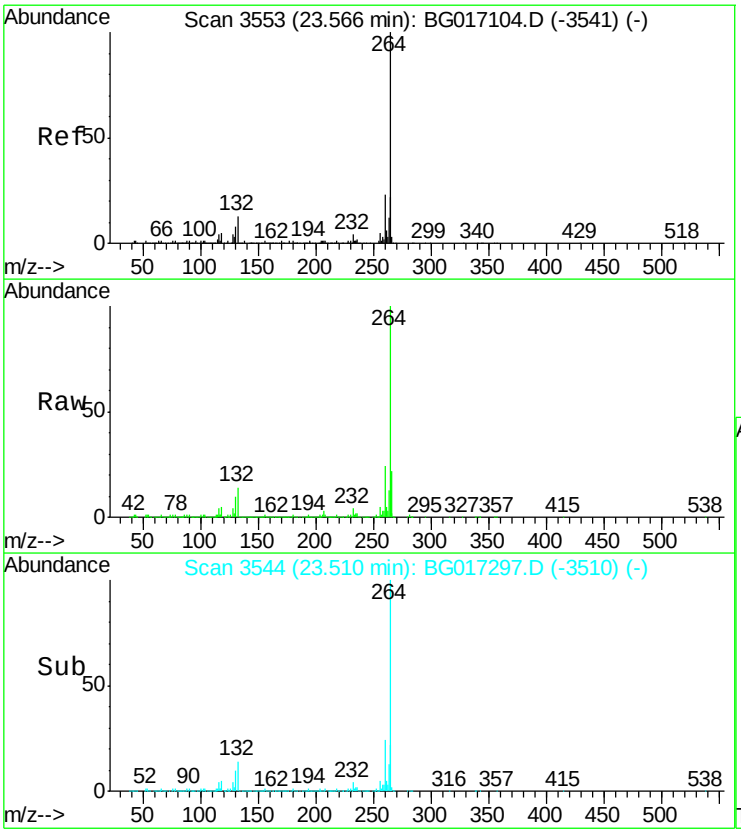

#78
Terphenyl-d14
Concen: 9.44 ng
RT: 19.70 min Scan# 2896
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

**Instrument :**
BNA_G
**ClientSampleId :**
LF001MW003-150512RE

Tgt Ion:244 Resp: 329540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 7.0 | 10.4 |
| 122 | 9.5 | 8.4 | 12.6 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion:264 Resp: 715467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.0 | 27.0 |
| 265 | 22.4 | 17.4 | 26.0 |