Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028900.D
Acq On : 23 Sep 2017 16:18
Operator : SJ/JU
Sample : I5297-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :**

Quant Time: Sep 25 00:59:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.28 | 152 | 26422 | 20.00 | ng | -0.05 |
| 21) Naphthalene-d8 | 11.10 | 136 | 108144 | 20.00 | ng | -0.05 |
| 38) Acenaphthene-d10 | 14.89 | 164 | 79904 | 20.00 | ng | -0.05 |
| 63) Phenanthrene-d10 | 17.64 | 188 | 254316 | 20.00 | ng | -0.05 |
| 75) Chrysene-d12 | 21.96 | 240 | 313827 | 20.00 | ng | -0.07 |
| 86) Perylene-d12 | 25.41 | 264 | 324501 | 20.00 | ng | -0.12 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.85 | 112 | 72479 | 45.26 | ng | -0.05 |
| 7) Phenol-d6 | 7.43 | 99 | 63708 | 26.42 | ng | -0.06 |
| 23) Nitrobenzene-d5 | 9.45 | 82 | 222879 | 98.59 | ng | -0.06 |
| 41) 2,4,6-Tribromophenol | 16.39 | 330 | 160343 | 121.33 | ng | -0.05 |
| 44) 2-Fluorobiphenyl | 13.51 | 172 | 599917 | 100.11 | ng | -0.05 |
| 78) Terphenyl-d14 | 20.23 | 244 | 1360932 | 92.48 | ng | -0.05 |
| **Target Compounds** | | | | | | Qvalue |
| 40) Hexachlorocyclopentadiene | 13.11 | 237 | 72 | 7.65 | ng | # 29 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028900.D
Acq On : 23 Sep 2017 16:18
Operator : SJ/JU
Sample : I5297-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**

Quant Time: Sep 25 00:59:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
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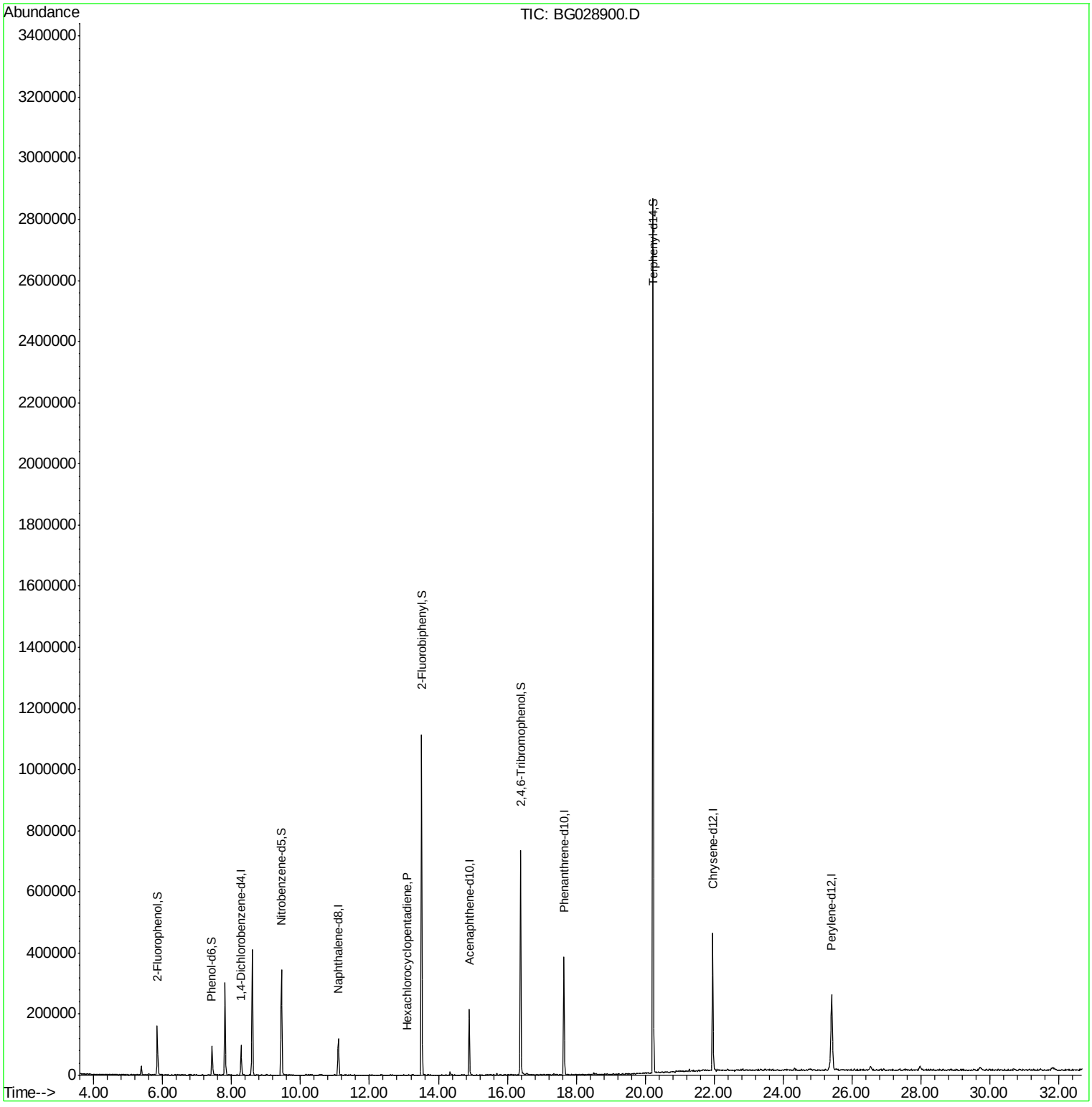
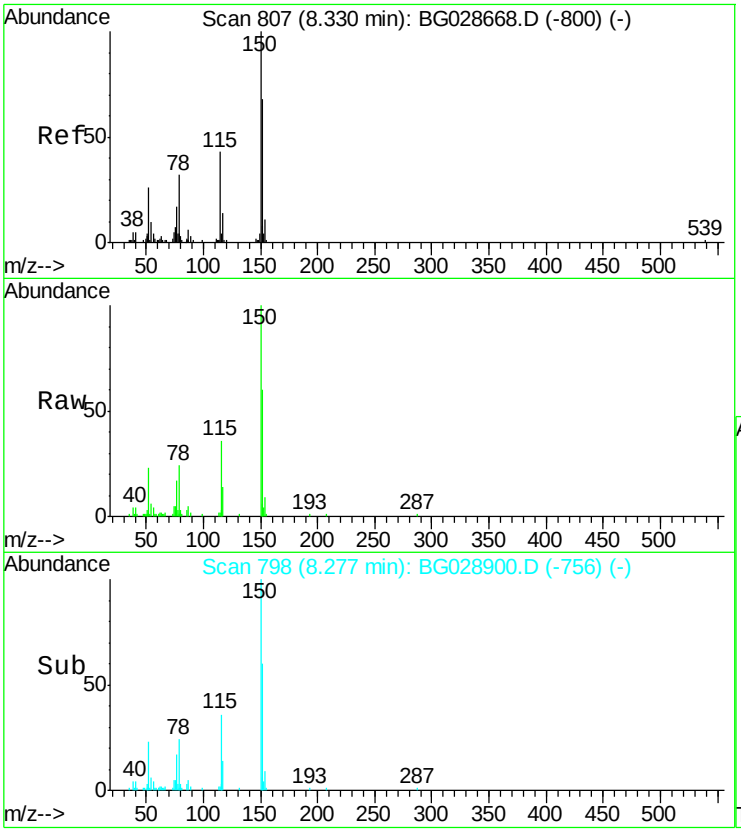


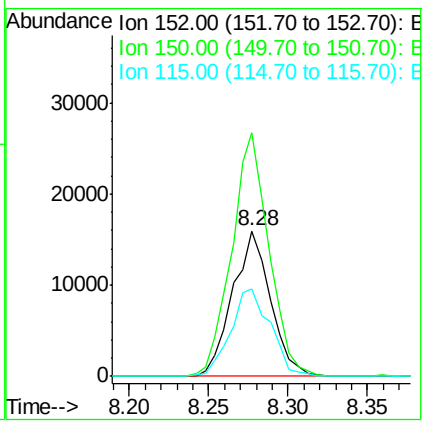


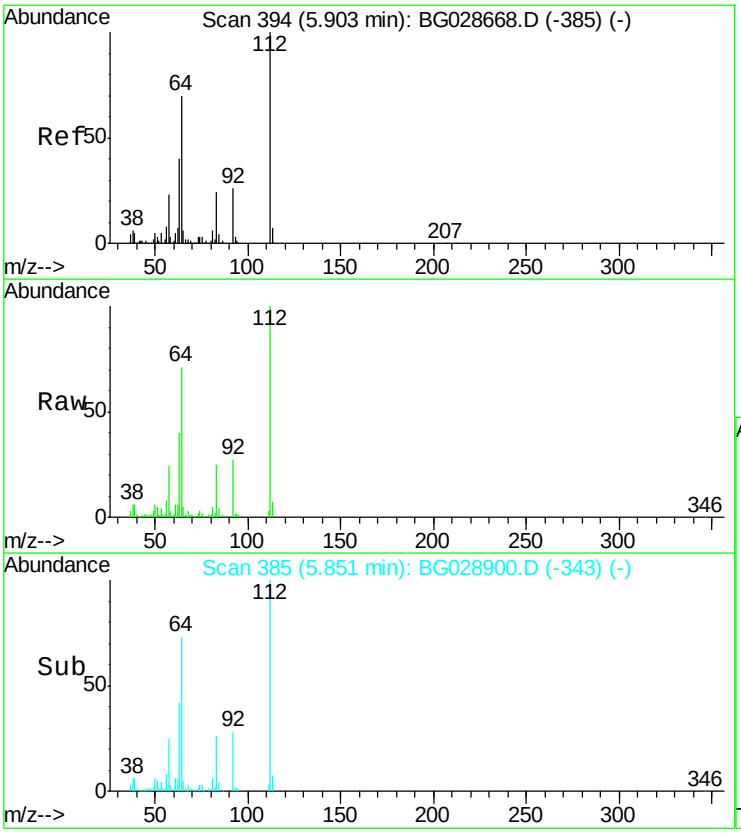

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:152 Resp: 26422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 167.6 | 114.0 | 171.0 |
| 115 | 60.1 | 48.1 | 72.1 |

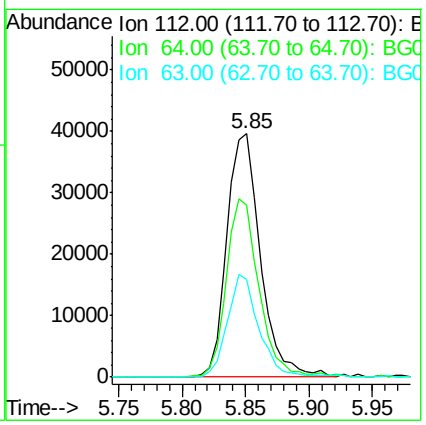


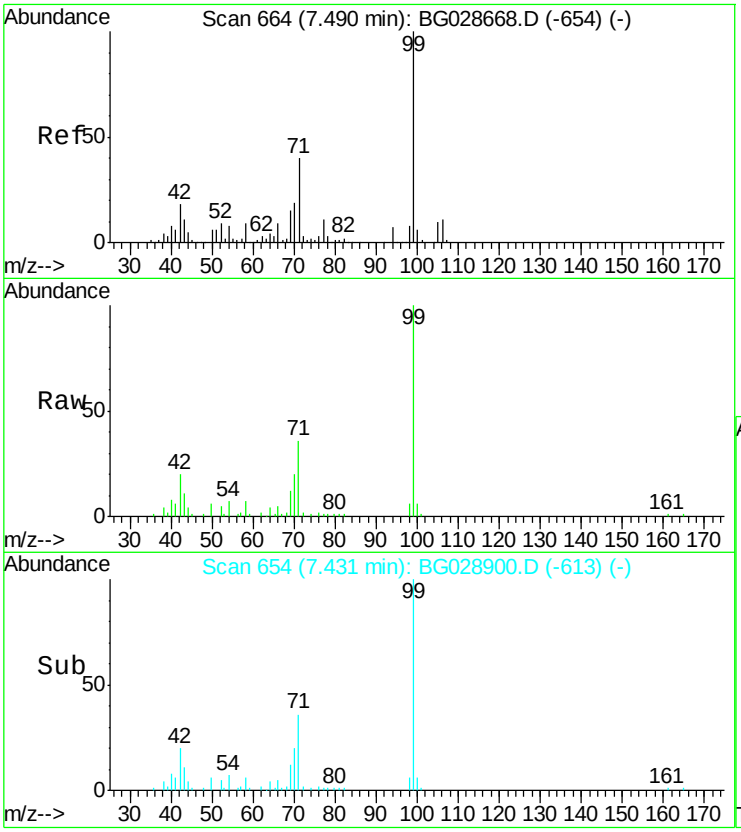




#5
2-Fluorophenol
Concen: 45.26 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

Tgt Ion:112 Resp: 72479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.6 | 61.8 | 92.6 |
| 63 | 40.4 | 37.2 | 55.8 |



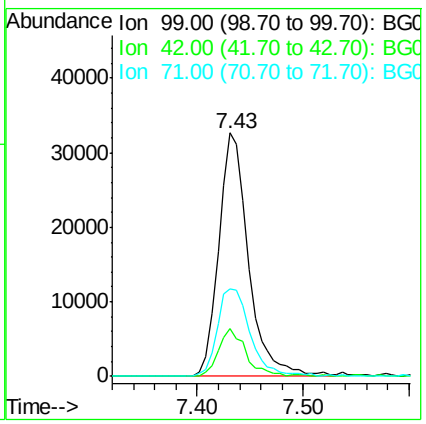


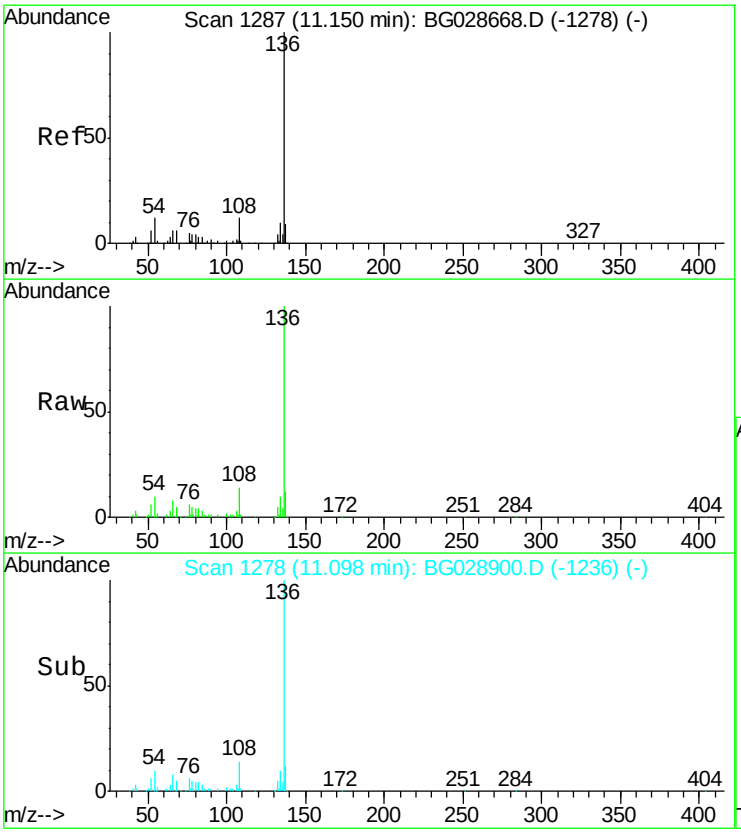

#7
Phenol-d6
Concen: 26.42 ng
RT: 7.43 min Scan# 654
Delta R.T. -0.06 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 99 Resp: 63708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.8 | 20.5 | 30.7# |
| 71 | 36.1 | 37.6 | 56.4# |

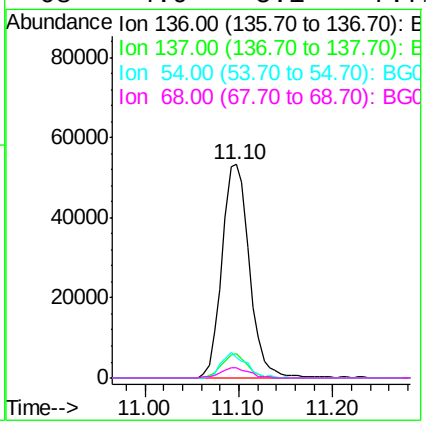


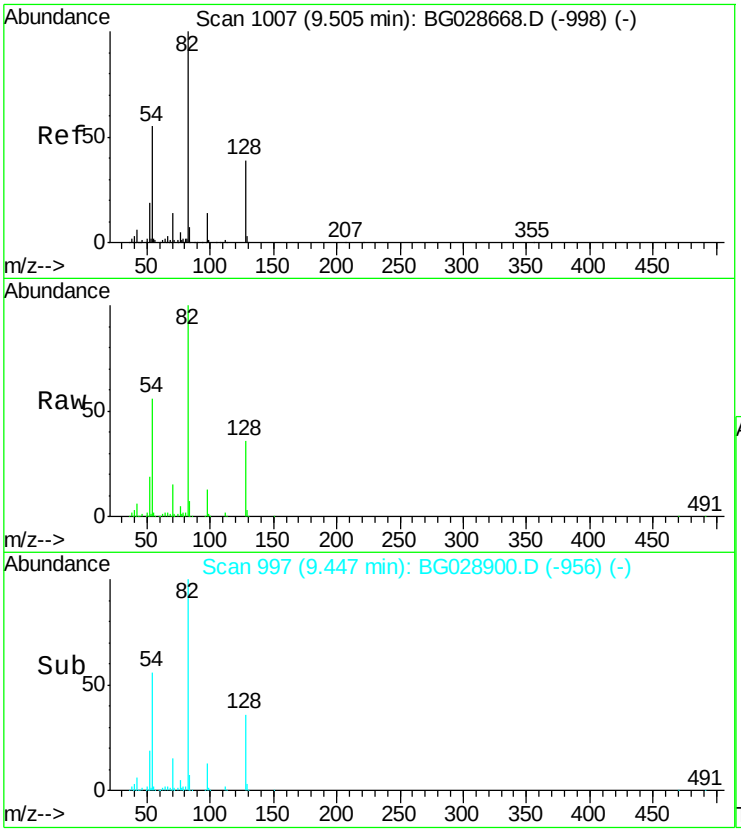




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

Tgt Ion:136 Resp: 108144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 8.9 | 13.3 |
| 54 | 9.9 | 9.3 | 13.9 |
| 68 | 4.9 | 5.1 | 7.7# |



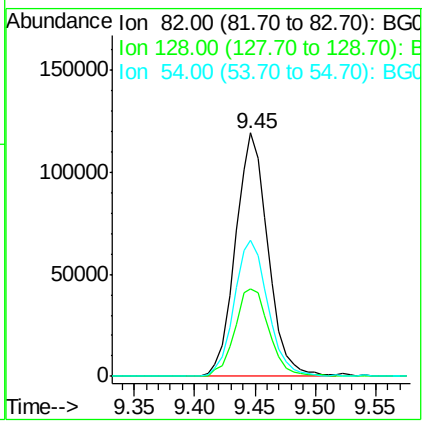


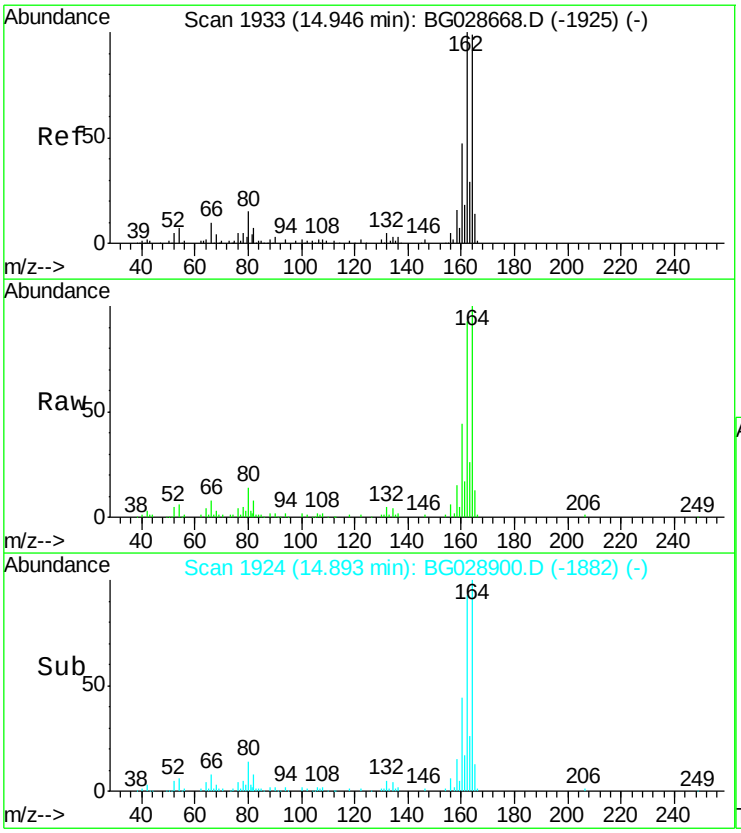

#23
Nitrobenzene-d5
Concen: 98.59 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 82 Resp: 222879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.8 | 26.4 | 39.6 |
| 54 | 55.9 | 49.4 | 74.2 |

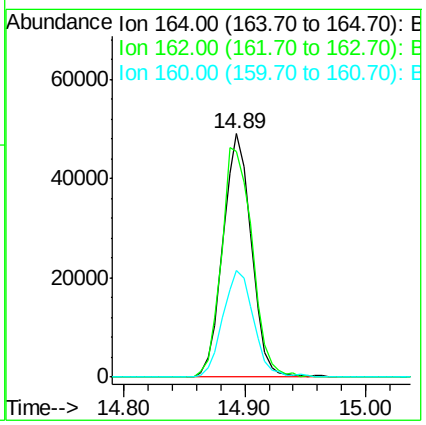


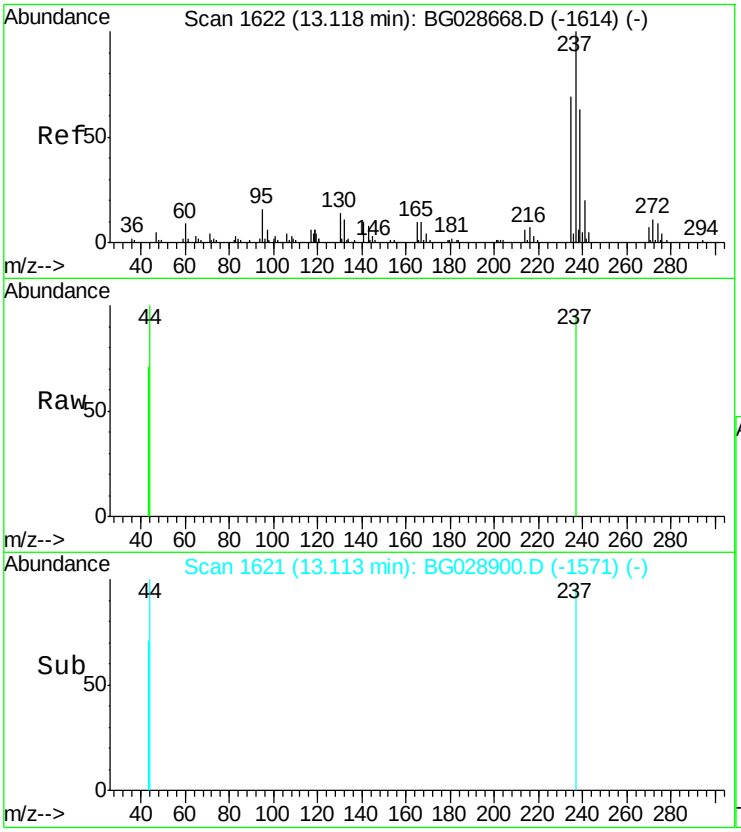




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

Tgt Ion:164 Resp: 79904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 92.7 | 85.1 | 127.7 |
| 160 | 43.8 | 34.7 | 52.1 |



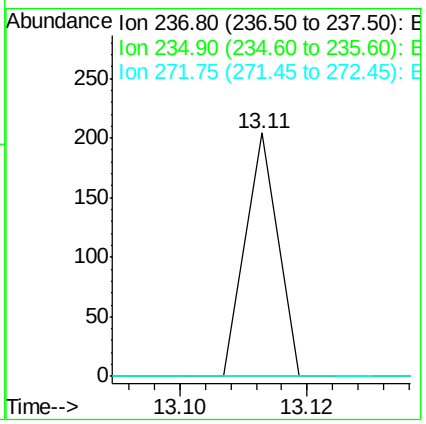


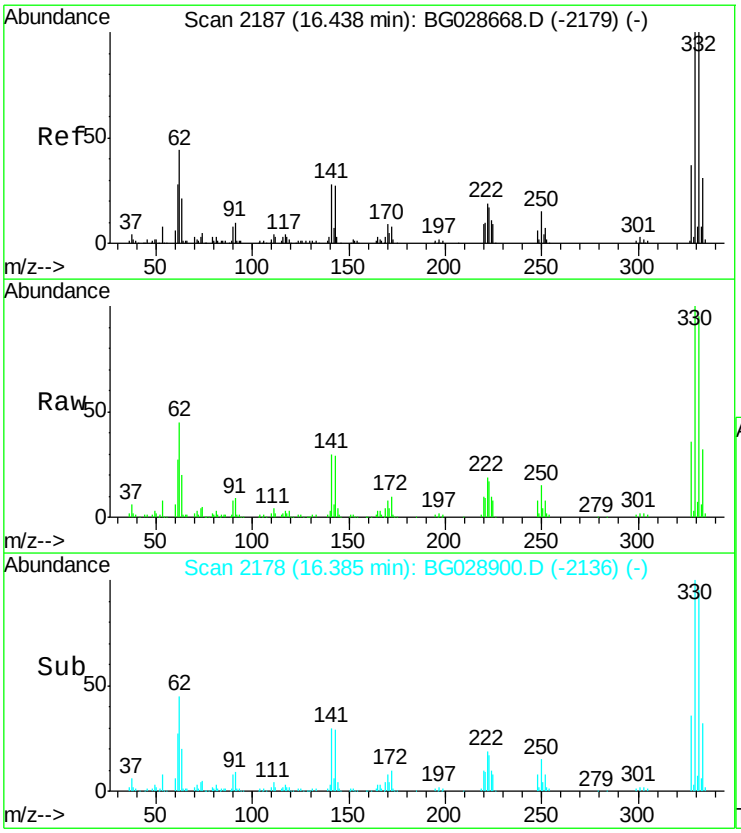

#40
Hexachlorocyclopentadiene
Concen: 7.65 ng
RT: 13.11 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:237 Resp: 72

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 0.0 | 39.4 | 79.4# |
| 272 | 0.0 | 0.0 | 32.0 |

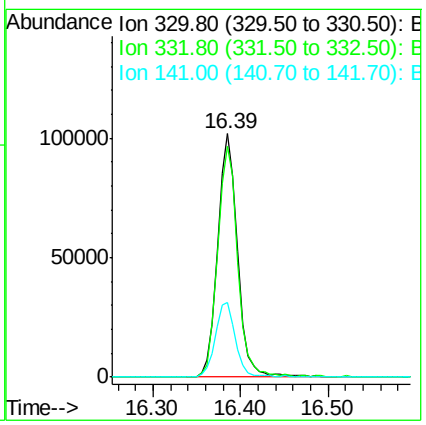


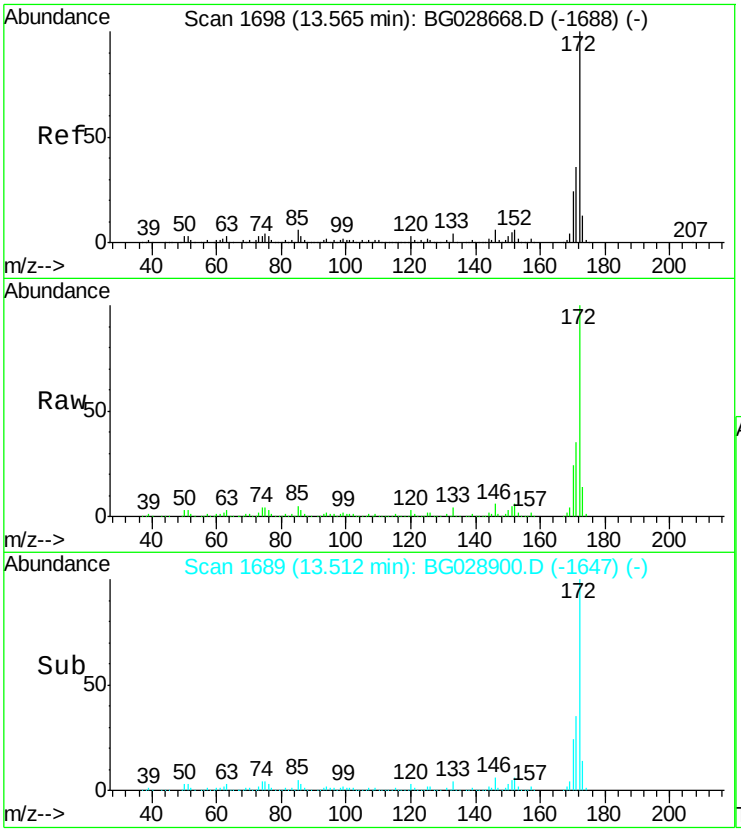




#41
2,4,6-Tribromophenol
Concen: 121.33 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

Tgt Ion:330 Resp: 160343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 77.3 | 115.9 |
| 141 | 31.1 | 32.1 | 48.1# |



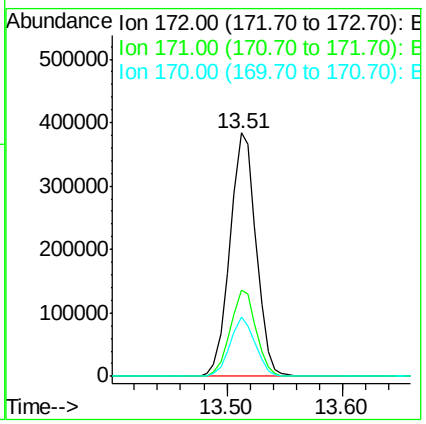


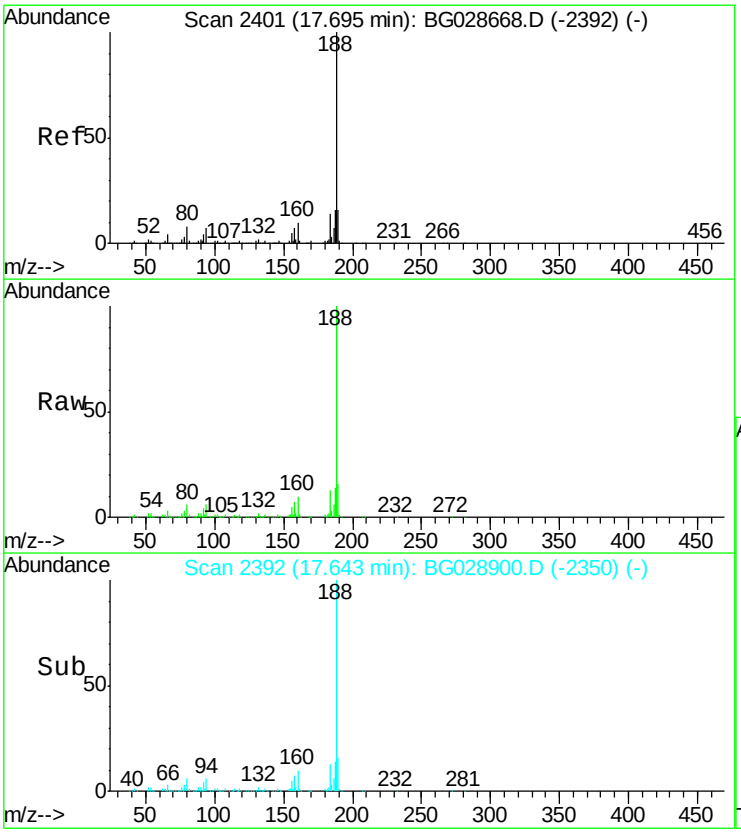

#44
2-Fluorobiphenyl
Concen: 100.11 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:172 Resp: 599917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 32.2 | 48.2 |
| 170 | 24.2 | 21.8 | 32.6 |

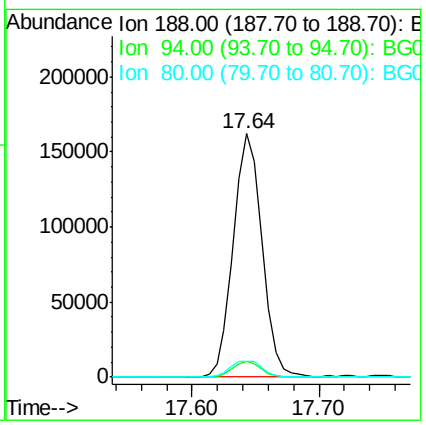


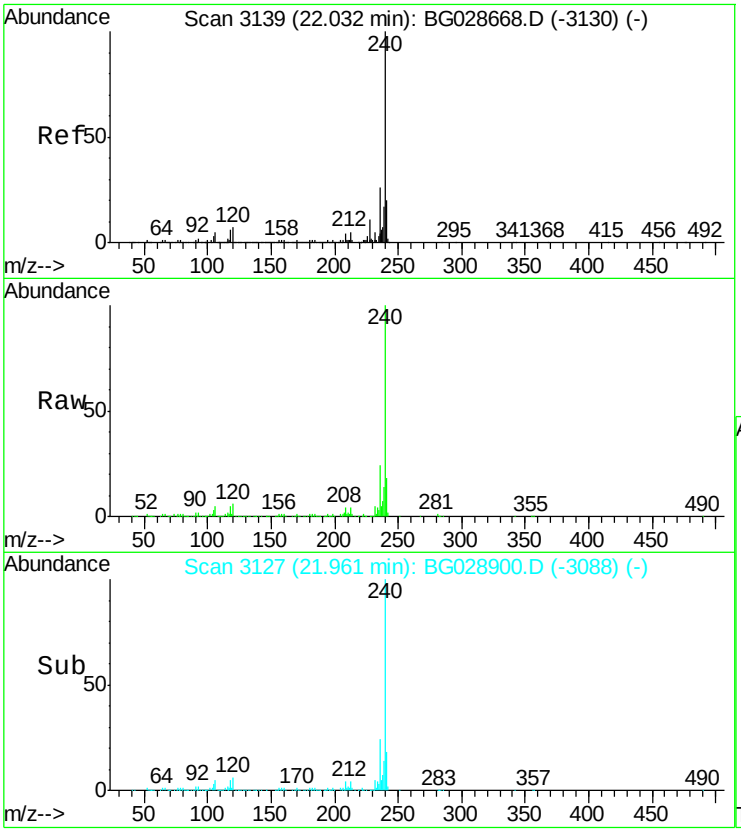




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

Tgt Ion:188 Resp: 254316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.5 | 5.8 | 8.8 |
| 80 | 6.2 | 7.5 | 11.3# |



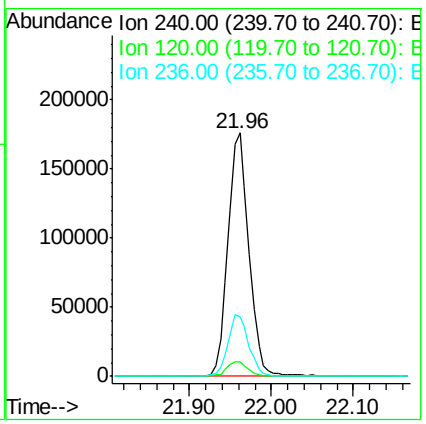


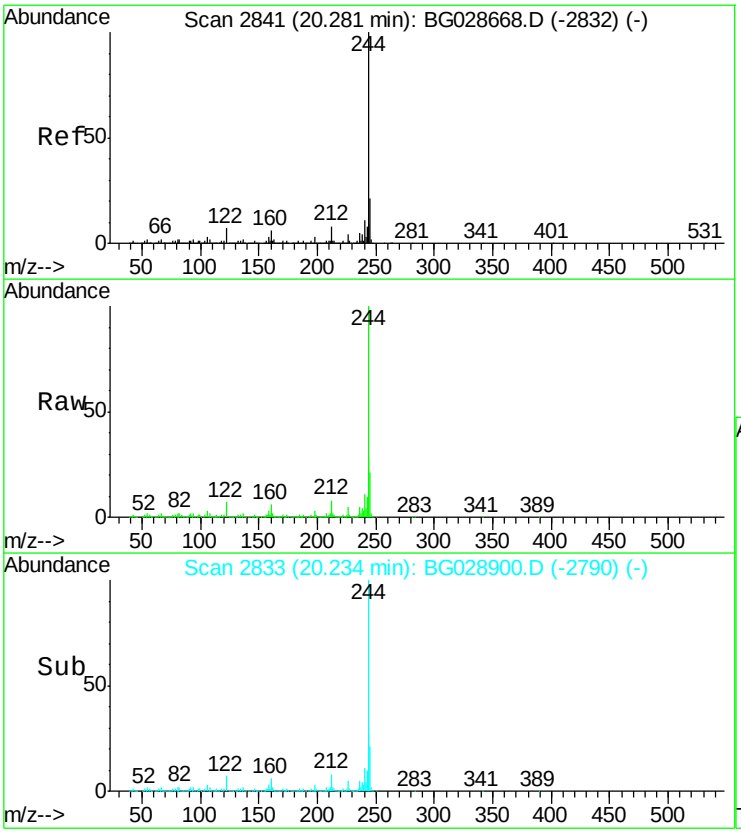

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:240 Resp: 313827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.8 | 5.7 | 8.5 |
| 236 | 24.4 | 22.2 | 33.4 |

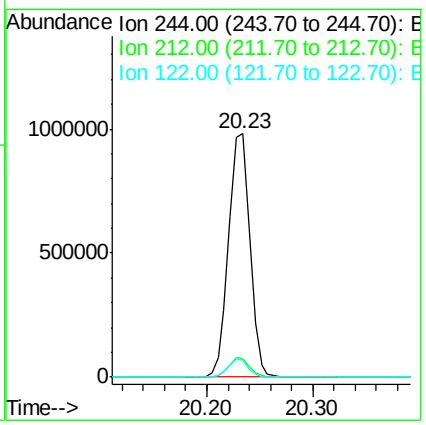


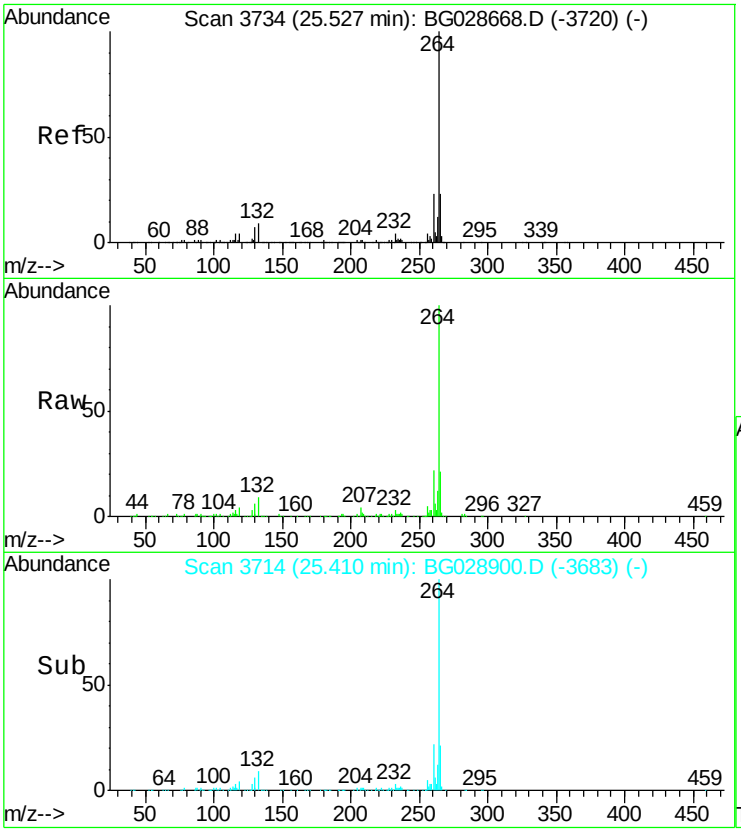




#78
Terphenyl-d14
Concen: 92.48 ng
RT: 20.23 min Scan# 2833
Delta R.T. -0.05 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

Tgt Ion:244 Resp: 1360932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 10.0 | 15.0# |
| 122 | 6.9 | 8.6 | 12.8# |






#86
Perylene-d12
Concen: 20.00 ng
RT: 25.41 min Scan# 3714
Delta R.T. -0.12 min
Lab File: BG028900.D
Acq: 23 Sep 2017 16:18

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:264 Resp: 324501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.4 | 21.8 | 32.8 |
| 265 | 21.1 | 18.2 | 27.4 |