Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
Data File : BG029328.D
Acq On : 18 Oct 2017 11:12
Operator : SJ/JU
Sample : I5870-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 101017-TIDO-E-U-M

Quant Time: Oct 18 15:38:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 79470 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.99 | 136 | 383712 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.78 | 164 | 254890 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 17.52 | 188 | 585805 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 21.79 | 240 | 622427 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 25.10 | 264 | 628484 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 248890 | 52.32 | ng | 0.00 |
| 7) Phenol-d6 | 7.32 | 99 | 246548 | 36.92 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.34 | 82 | 587465 | 97.29 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.27 | 330 | 282132 | 85.73 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.41 | 172 | 1572236 | 90.47 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.12 | 244 | 2433045 | 88.93 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 64) 4,6-Dinitro-2-methylphenol | 15.73 | 198 | 77 | 5.020 | ng | # 43 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
Data File : BG029328.D
Acq On : 18 Oct 2017 11:12
Operator : SJ/JU
Sample : I5870-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
101017-TIDO-E-U-M

Quant Time: Oct 18 15:38:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
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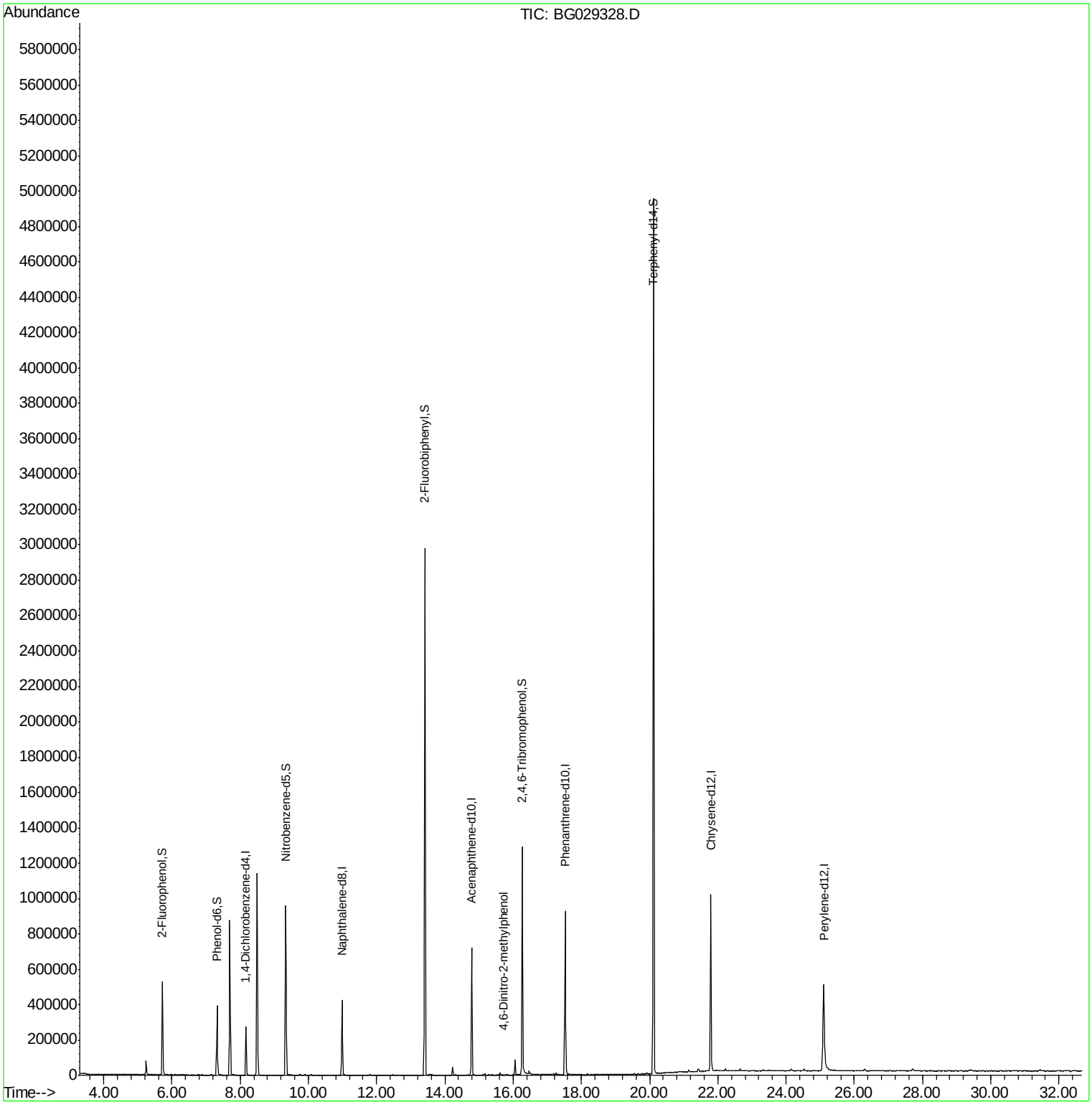
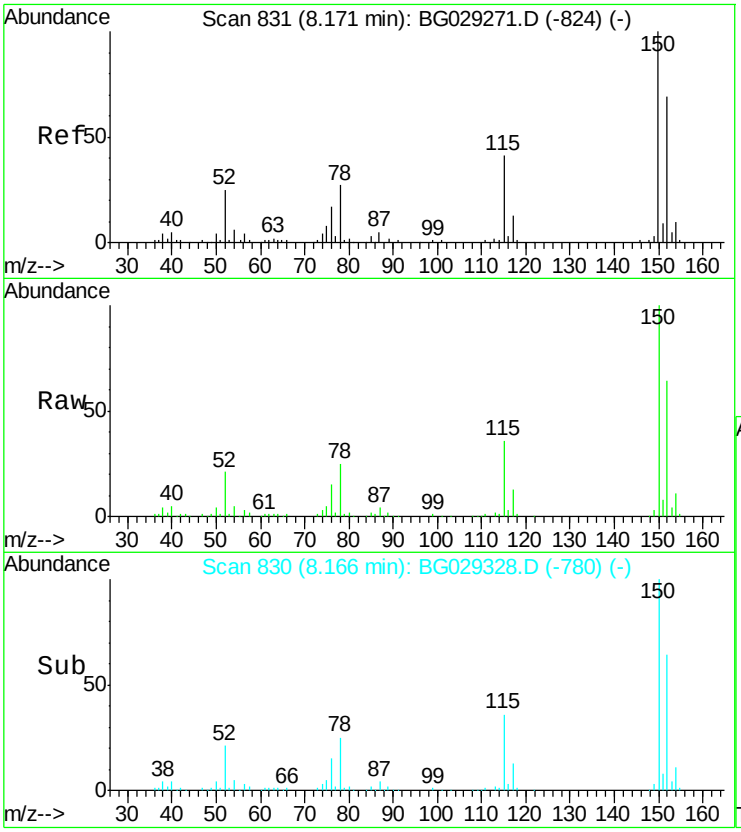


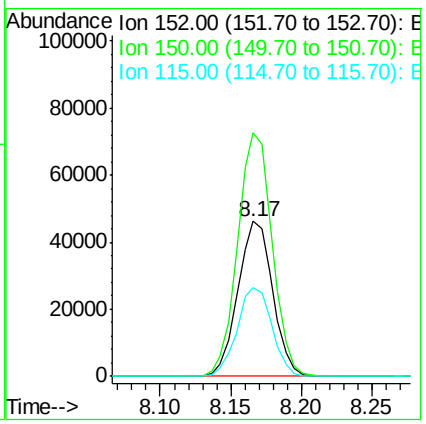


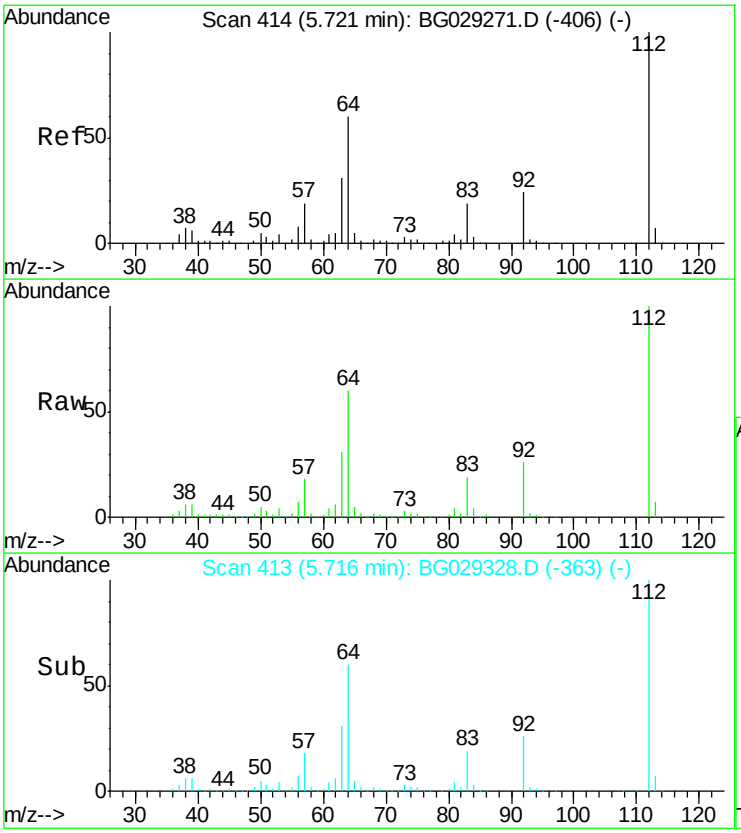

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

**Instrument :**
BNA_G
**ClientSampleId :**
101017-TIDO-E-U-M

Tgt Ion:152 Resp: 79470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 126.6 | 189.8 |
| 115 | 57.3 | 53.0 | 79.4 |

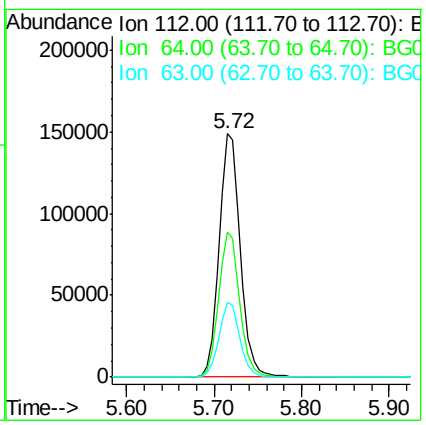


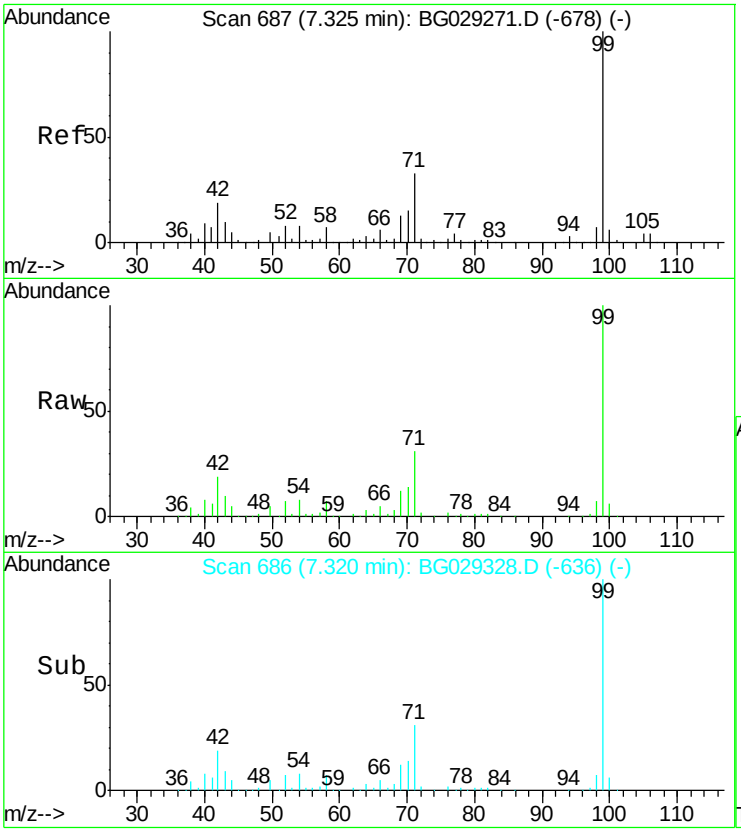




#5
2-Fluorophenol
Concen: 52.320 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

Tgt Ion:112 Resp: 248890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.5 | 56.3 | 84.5 |
| 63 | 30.5 | 30.1 | 45.1 |



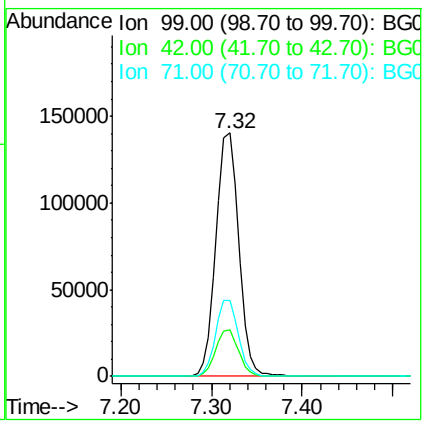


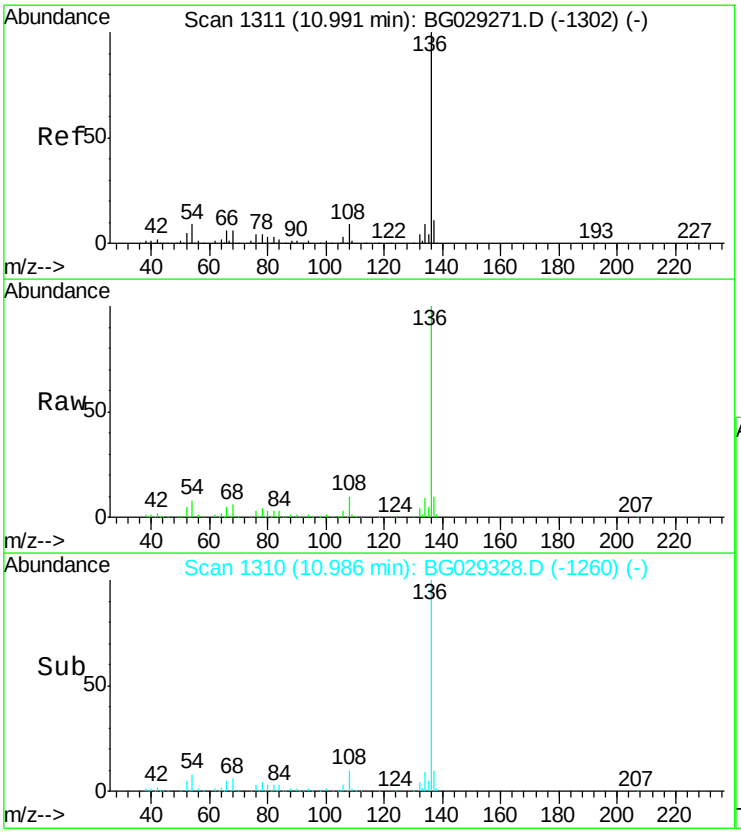

#7
Phenol-d6
Concen: 36.923 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

**Instrument :**
BNA_G
**ClientSampleId :**
101017-TIDO-E-U-M

Tgt Ion: 99 Resp: 246548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.9 | 14.1 | 21.1 |
| 71 | 31.0 | 26.1 | 39.1 |

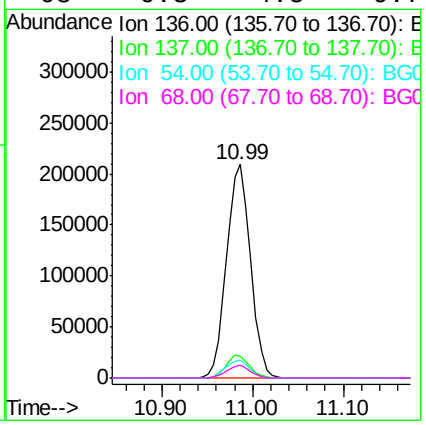


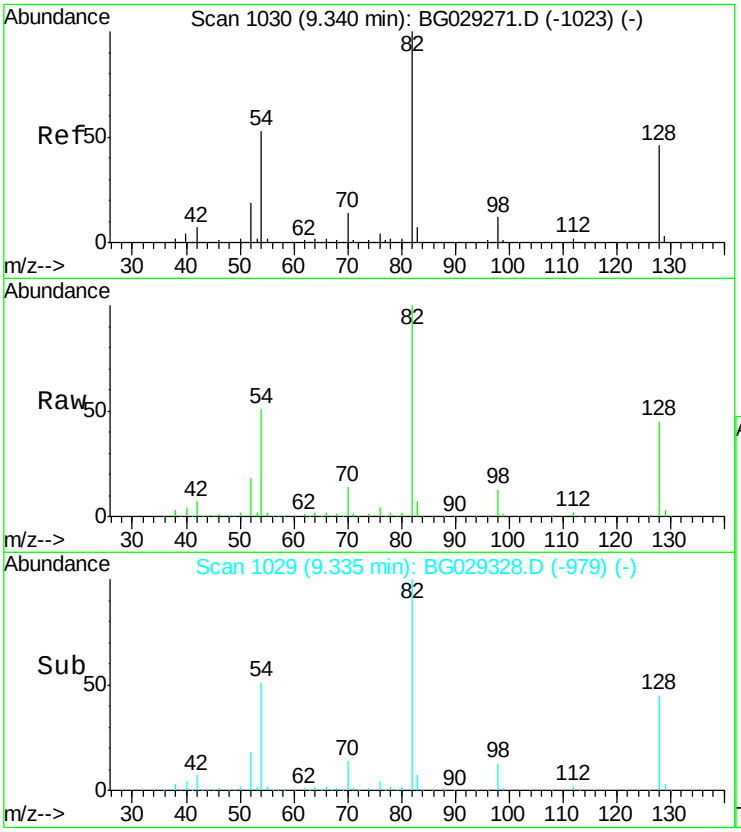




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

Tgt Ion:136 Resp: 383712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 9.2 | 13.8 |
| 54 | 8.3 | 10.3 | 15.5# |
| 68 | 6.3 | 4.5 | 6.7 |



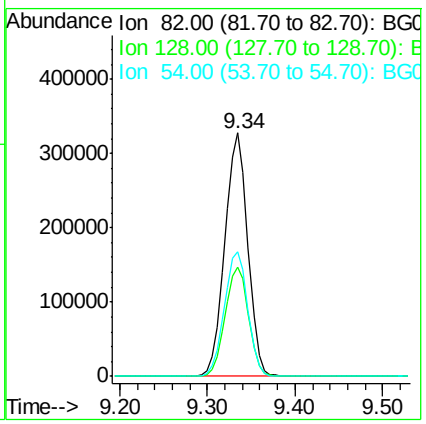


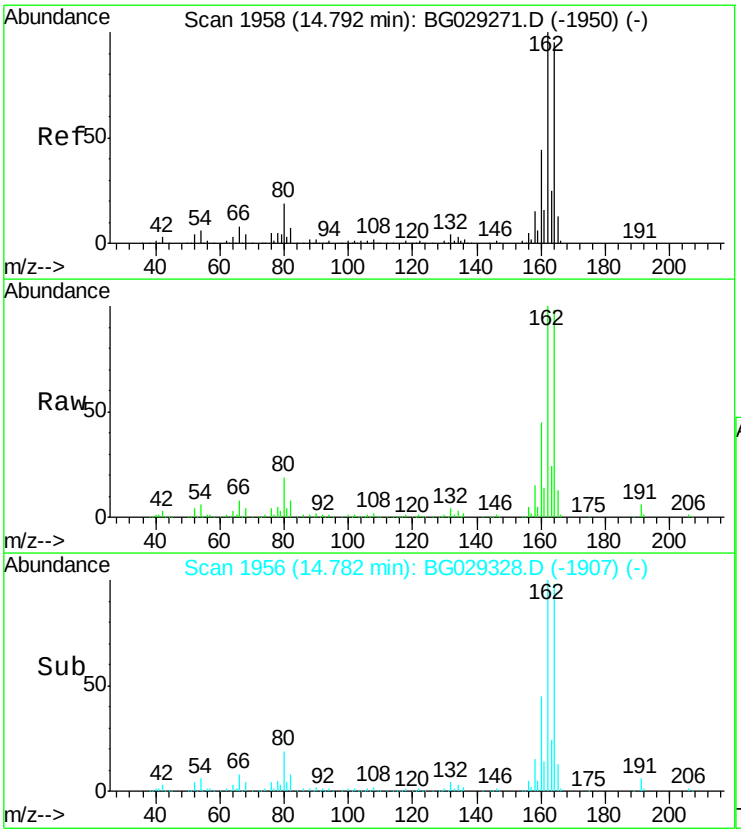

#23
Nitrobenzene-d5
Concen: 97.291 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

**Instrument :**
BNA_G
**ClientSampleId :**
101017-TIDO-E-U-M

Tgt Ion: 82 Resp: 587465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.6 | 29.7 | 44.5# |
| 54 | 51.0 | 43.1 | 64.7 |

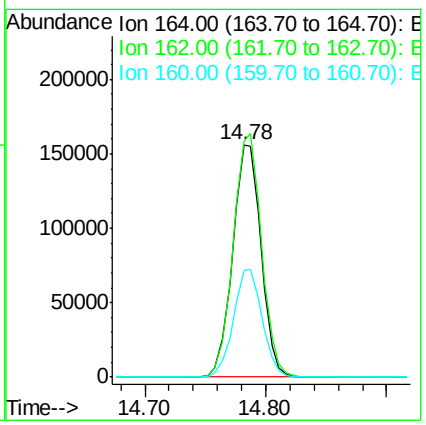


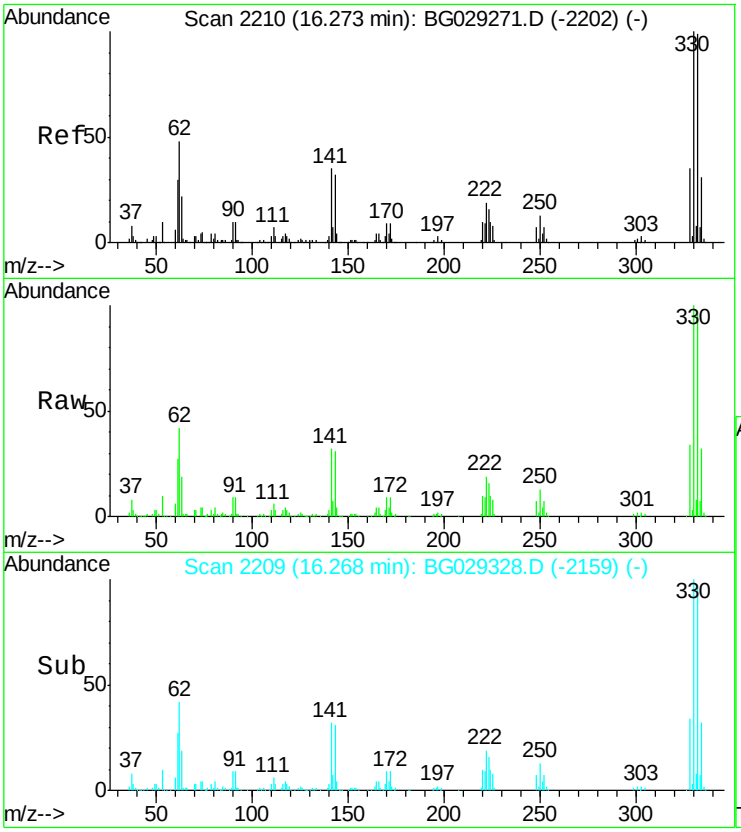




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

Tgt Ion:164 Resp: 254890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 78.8 | 118.2 |
| 160 | 46.0 | 35.4 | 53.0 |



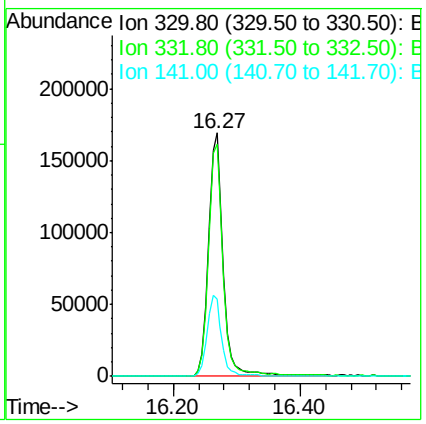


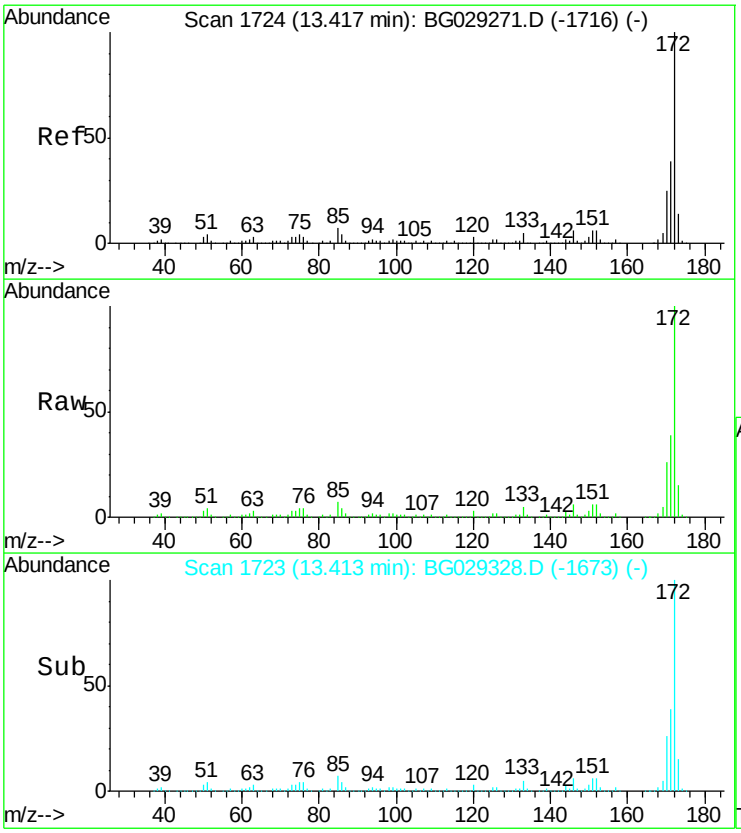

#41
2,4,6-Tribromophenol
Concen: 85.731 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

**Instrument :**
BNA_G
**ClientSampleId :**
101017-TIDO-E-U-M

Tgt Ion:330 Resp: 282132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.3 | 77.0 | 115.6 |
| 141 | 32.9 | 25.2 | 37.8 |

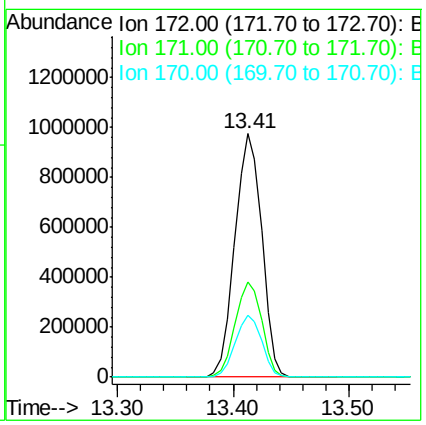


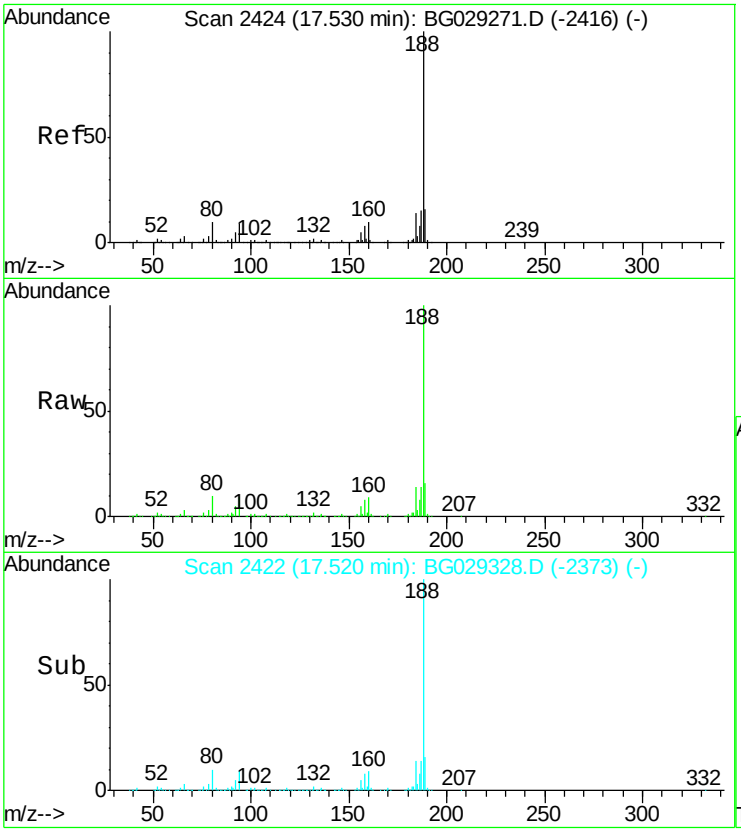




#44
2-Fluorobiphenyl
Concen: 90.468 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

Tgt Ion:172 Resp: 1572236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.2 | 30.0 | 45.0 |
| 170 | 25.6 | 19.5 | 29.3 |



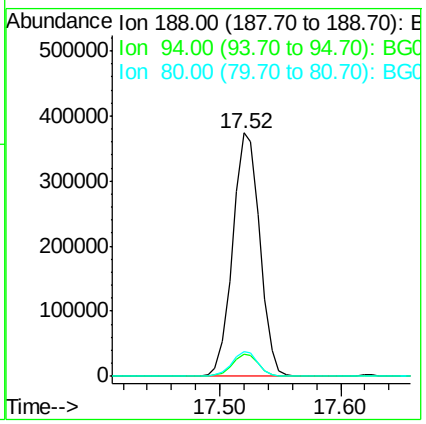


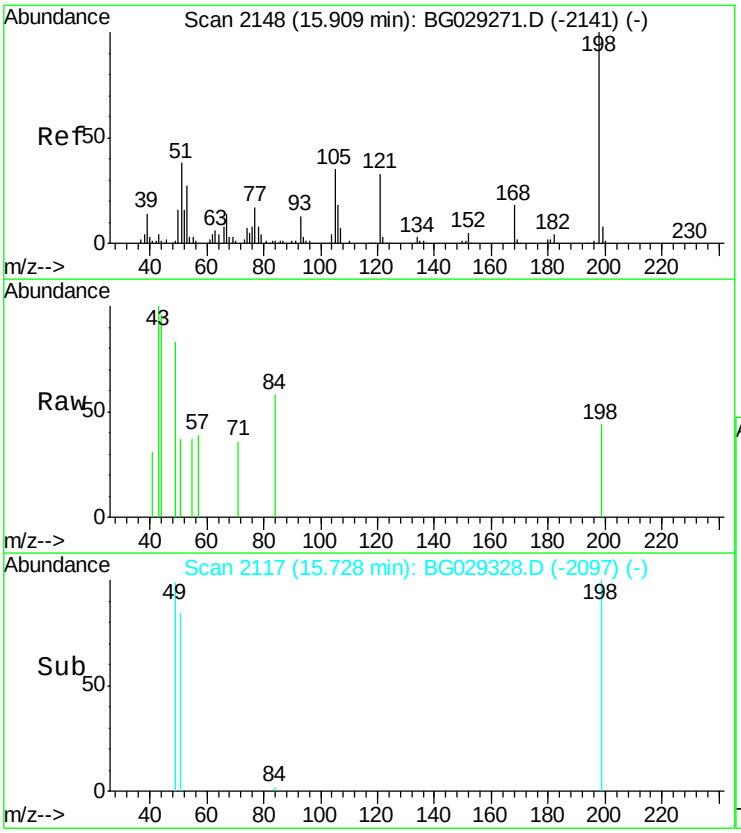

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

**Instrument :**
BNA_G
**ClientSampleId :**
101017-TIDO-E-U-M

Tgt Ion:188 Resp: 585805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 6.9 | 10.3 |
| 80 | 10.0 | 7.7 | 11.5 |

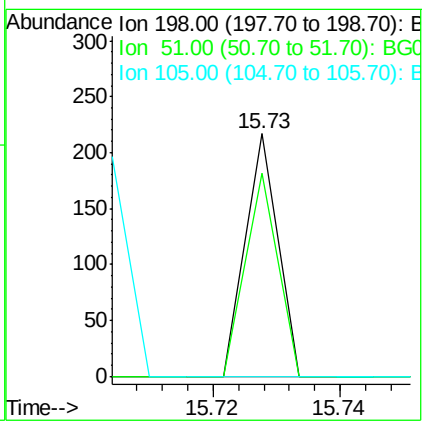


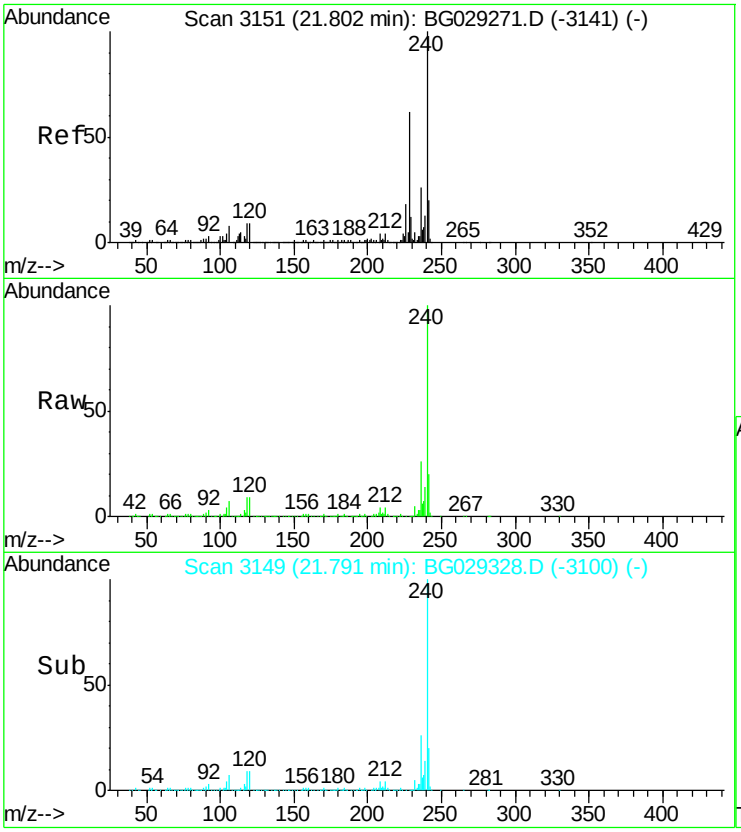




#64
4,6-Dinitro-2-methylphenol
Concen: 5.020 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.18 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

Tgt Ion:198 Resp: 77

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 83.9 | 30.6 | 70.6# |
| 105 | 0.0 | 23.8 | 63.8# |



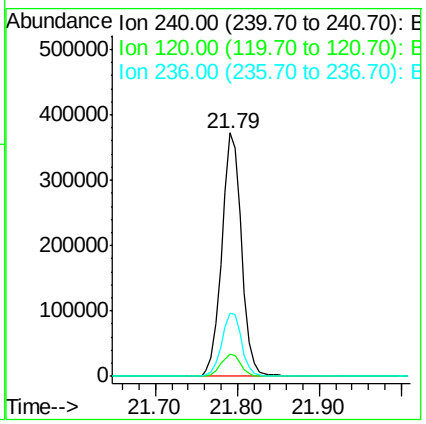


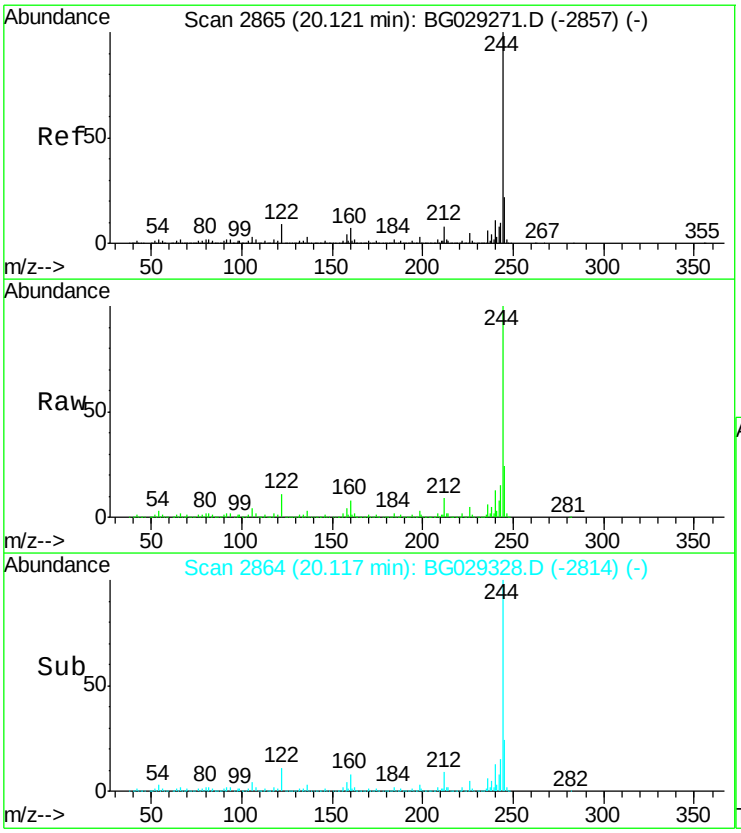

#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

**Instrument :**
BNA_G
**ClientSampleId :**
101017-TIDO-E-U-M

Tgt Ion:240 Resp: 622427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 6.8 | 10.2 |
| 236 | 25.8 | 20.9 | 31.3 |

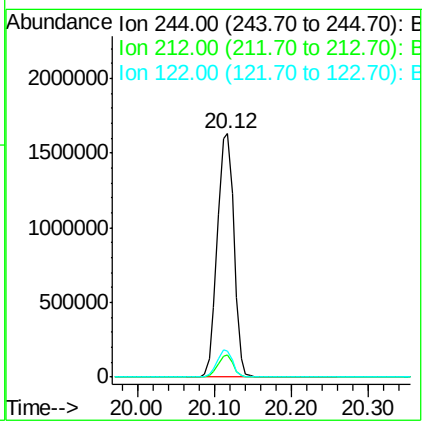


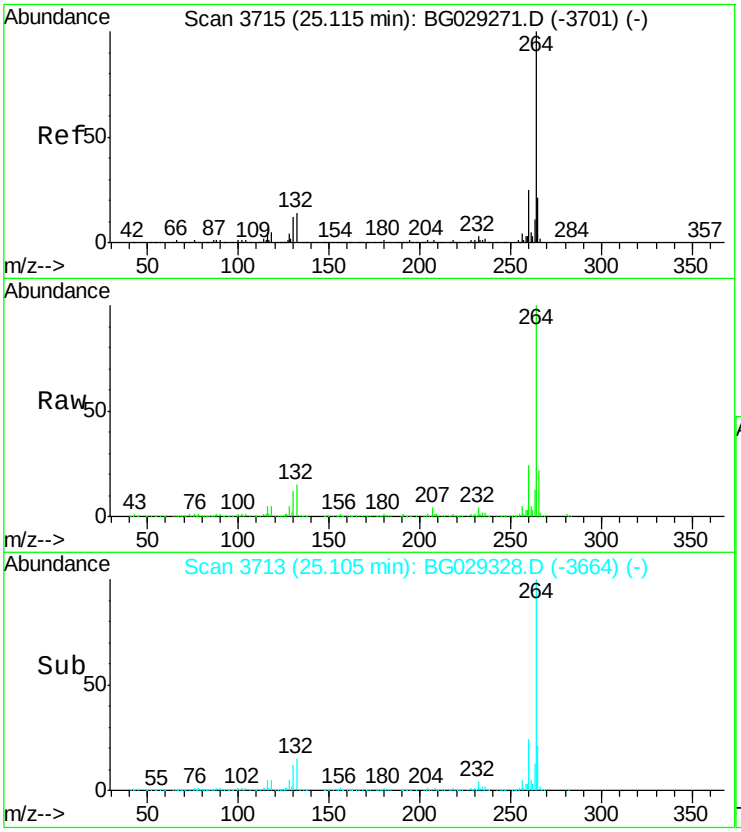




#78
Terphenyl-d14
Concen: 88.926 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

Tgt Ion:244 Resp: 2433045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.0 | 5.8 | 8.8# |
| 122 | 10.5 | 7.0 | 10.4# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

**Instrument :**
BNA_G
**ClientSampleId :**
101017-TIDO-E-U-M

Tgt Ion:264 Resp: 628484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 17.4 | 26.0 |
| 265 | 21.5 | 17.7 | 26.5 |