Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
Data File : BG016129.D
Acq On : 26 Mar 2015 7:48
Operator : TP/IZ
Sample : G1611-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-32

Quant Time: Mar 26 16:33:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 15:24:59 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 61132 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.58 | 136 | 282279 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.42 | 164 | 180150 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.16 | 188 | 386856 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.33 | 240 | 393761 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.61 | 264 | 379994 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 197434 | 54.05 | ng | 0.00 |
| 7) Phenol-d6 | 6.96 | 99 | 175174 | 34.45 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.95 | 82 | 350703 | 77.03 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.90 | 330 | 278573 | 134.66 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.04 | 172 | 905772 | 84.16 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.78 | 244 | 1253640 | 80.18 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

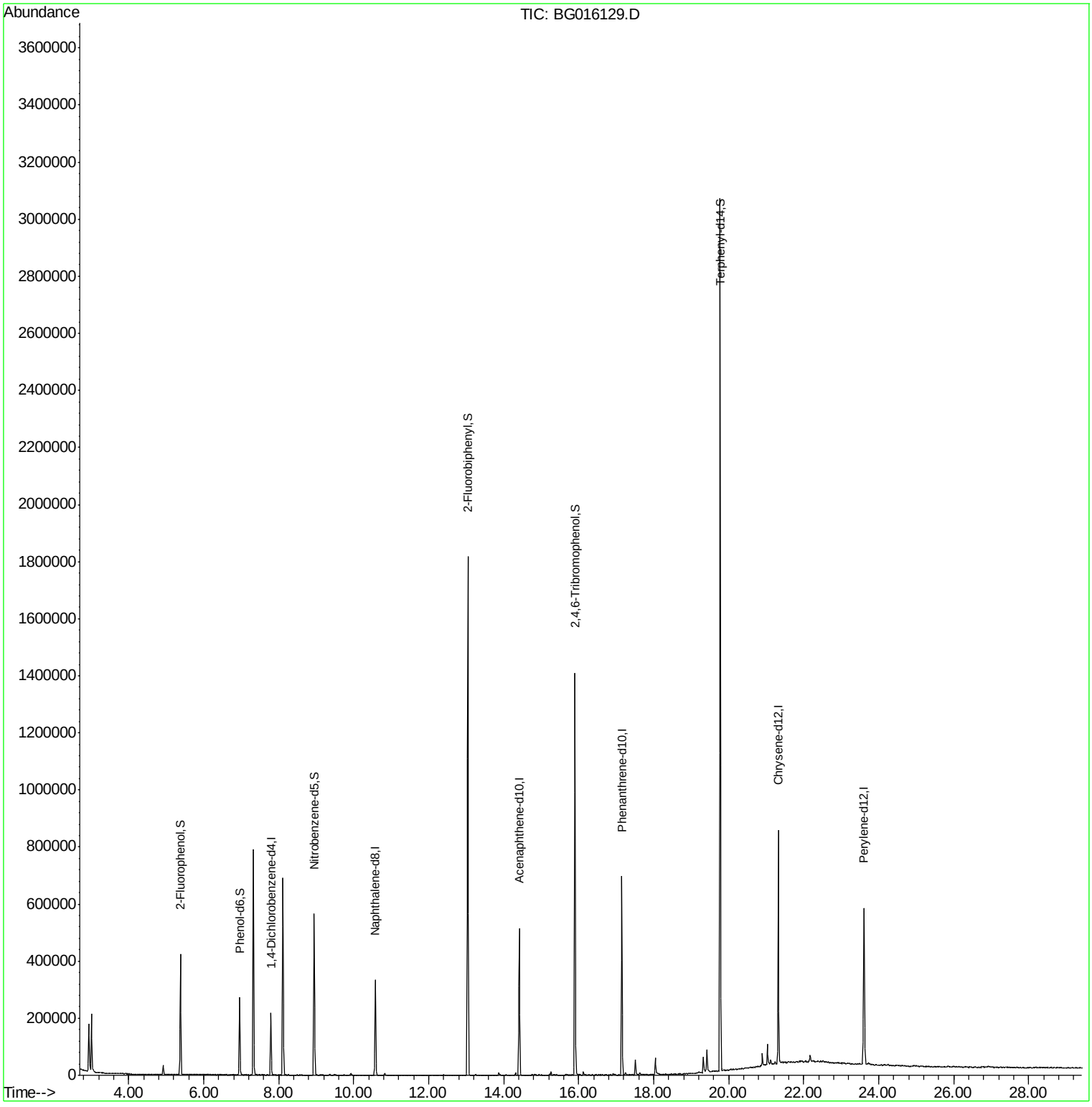
(#) = qualifier out of range (m) = manual integration (+) = signals summed

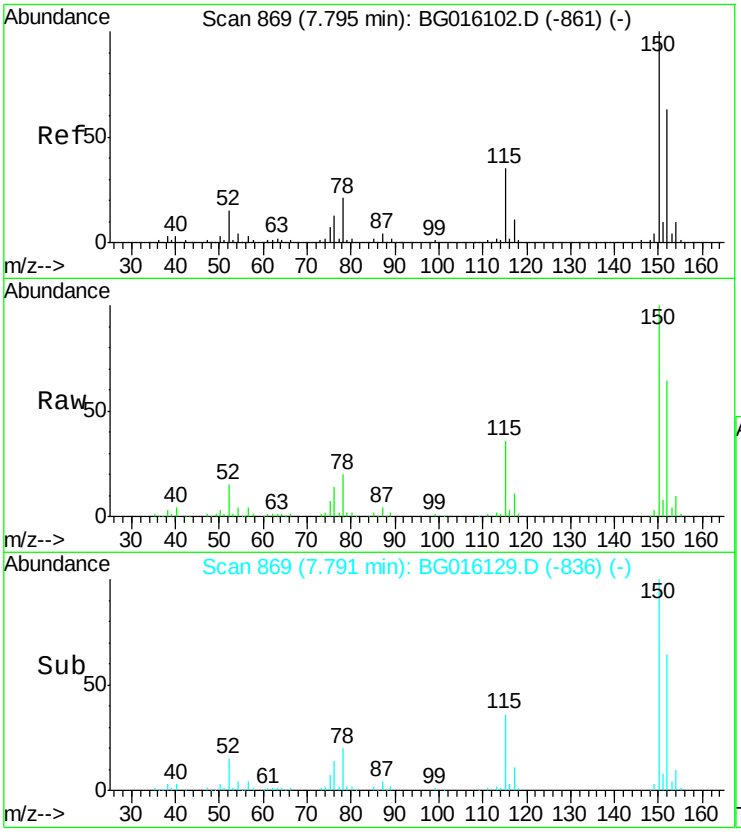
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
Data File : BG016129.D
Acq On : 26 Mar 2015 7:48
Operator : TP/IZ
Sample : G1611-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-32

Quant Time: Mar 26 16:33:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 15:24:59 2015
Response via : Initial Calibration



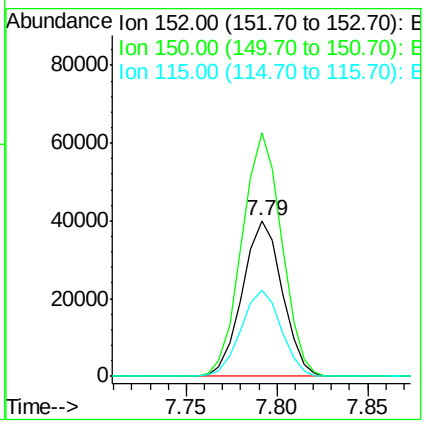


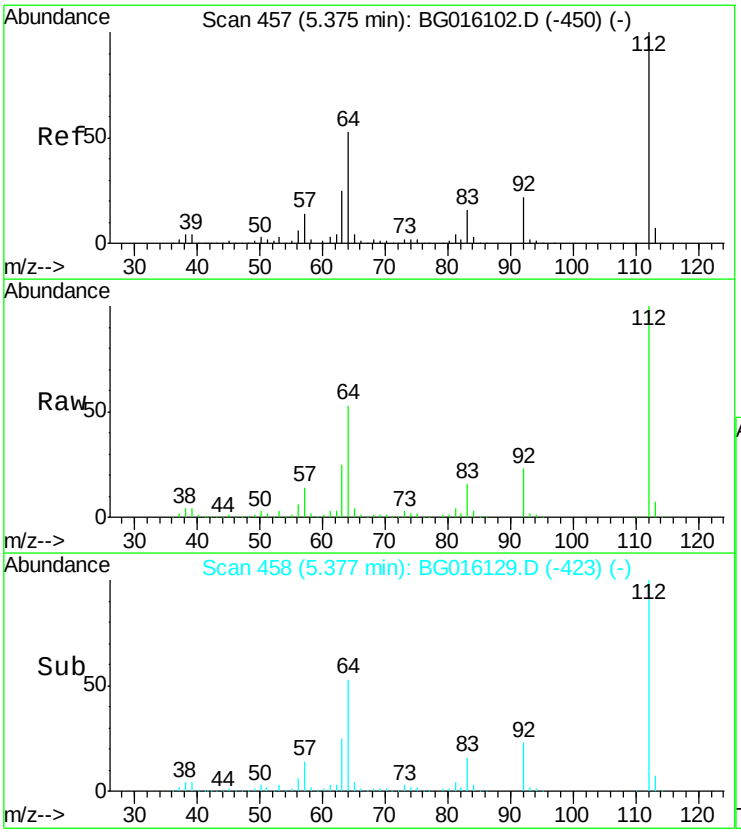

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

**Instrument :**
BNA_G
**ClientSampleId :**
MW-32

Tgt Ion:152 Resp: 61132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.8 | 126.1 | 189.1 |
| 115 | 55.9 | 43.7 | 65.5 |

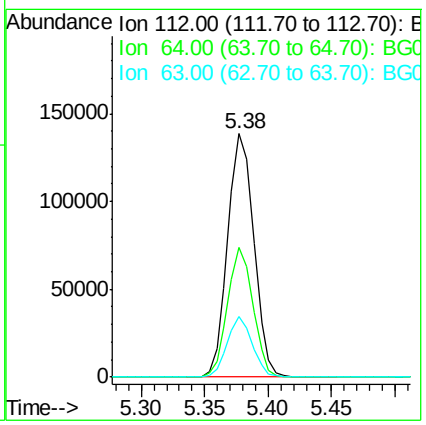


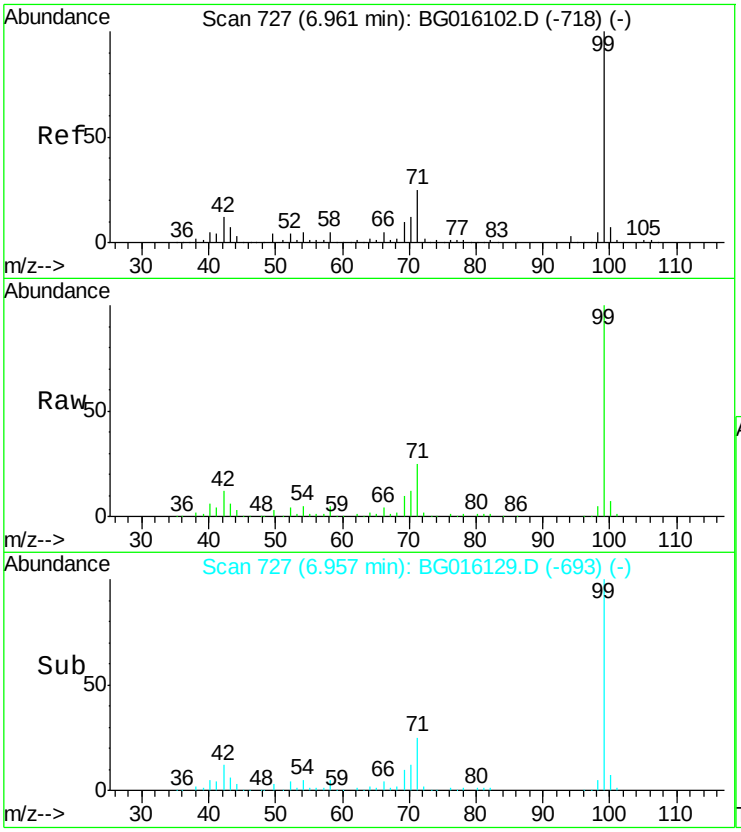




#5
2-Fluorophenol
Concen: 54.05 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

Tgt Ion:112 Resp: 197434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.1 | 42.6 | 64.0 |
| 63 | 25.1 | 19.9 | 29.9 |



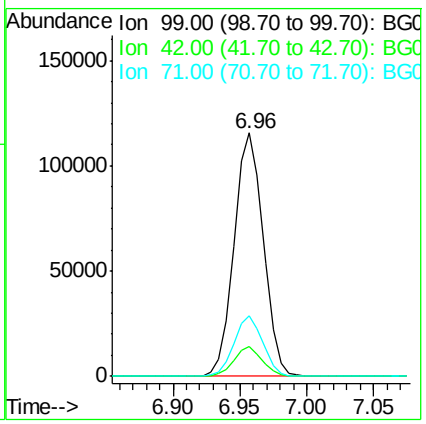


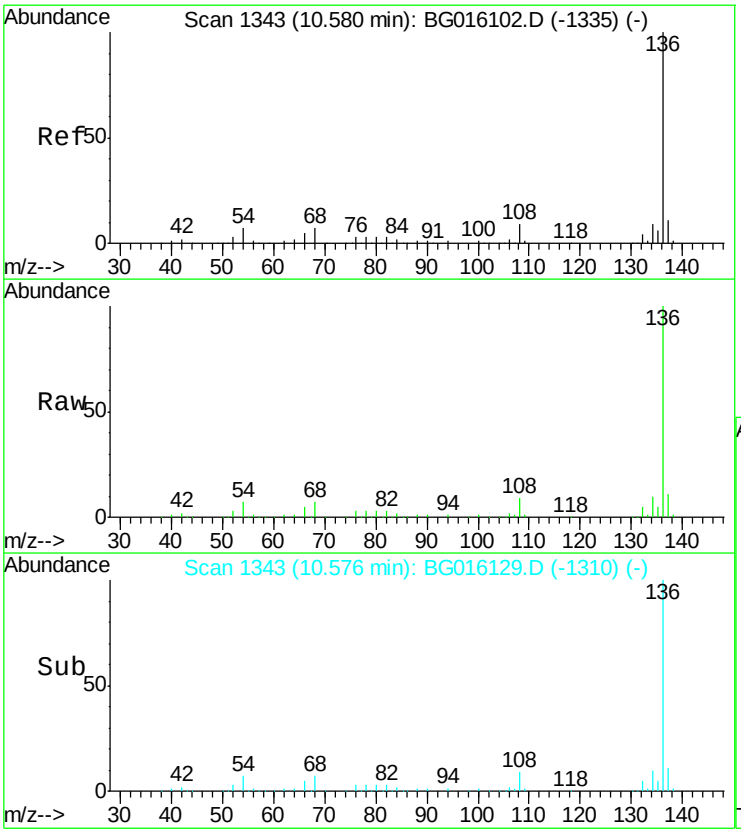

#7
Phenol-d6
Concen: 34.45 ng
RT: 6.96 min Scan# 727
Delta R.T. -0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

**Instrument :**
BNA_G
**ClientSampleId :**
MW-32

Tgt Ion: 99 Resp: 175174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 12.1 | 9.4 | 14.0 |
| 71 | 25.1 | 19.9 | 29.9 |

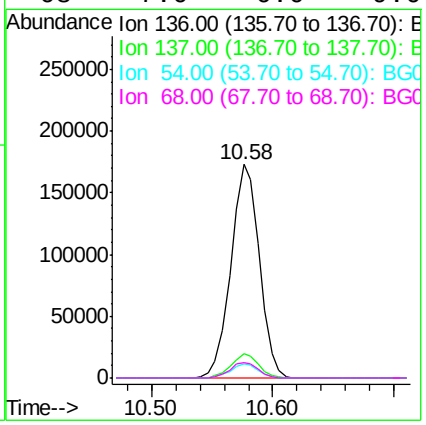


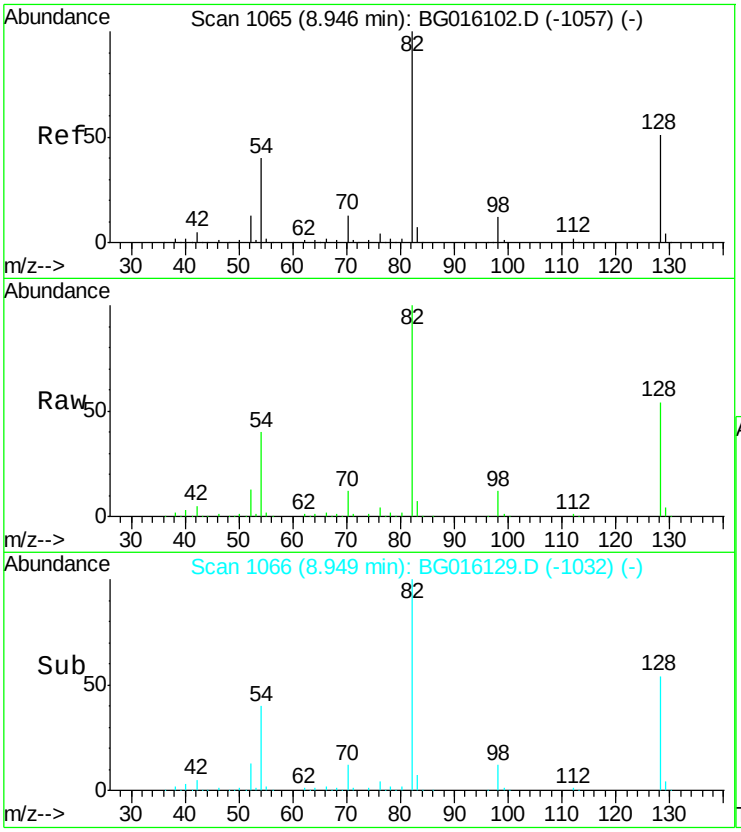




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

Tgt Ion:136 Resp: 282279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.0 | 13.4 |
| 54 | 6.8 | 5.5 | 8.3 |
| 68 | 7.0 | 6.0 | 9.0 |



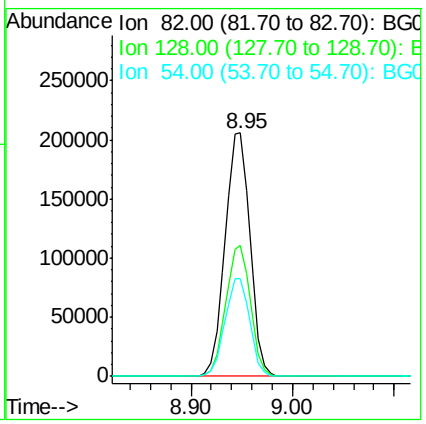


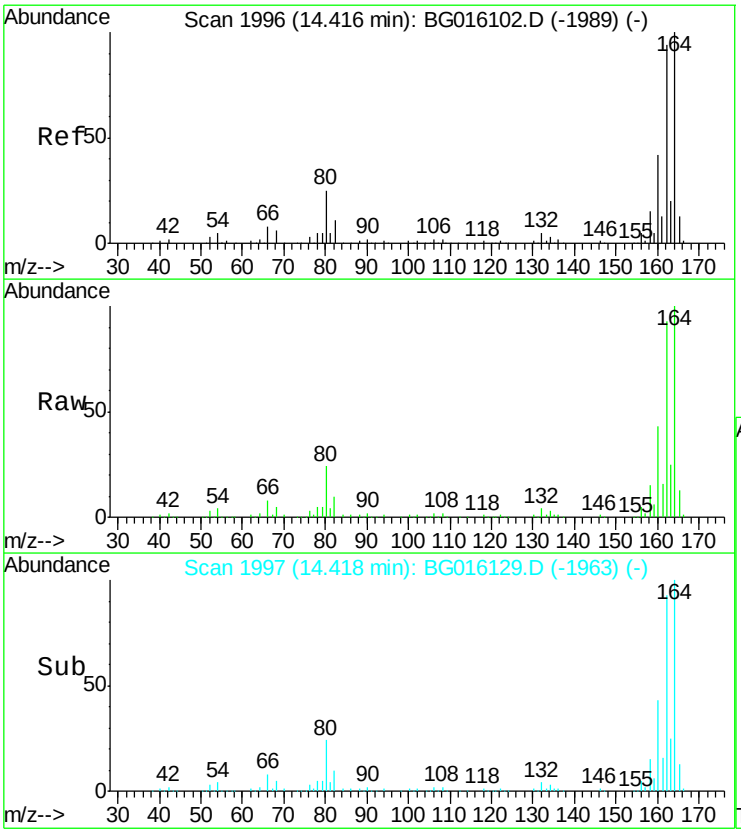

#23
Nitrobenzene-d5
Concen: 77.03 ng
RT: 8.95 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

**Instrument :**
BNA_G
**ClientSampleId :**
MW-32

Tgt Ion: 82 Resp: 350703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 53.9 | 40.4 | 60.6 |
| 54 | 40.3 | 32.1 | 48.1 |

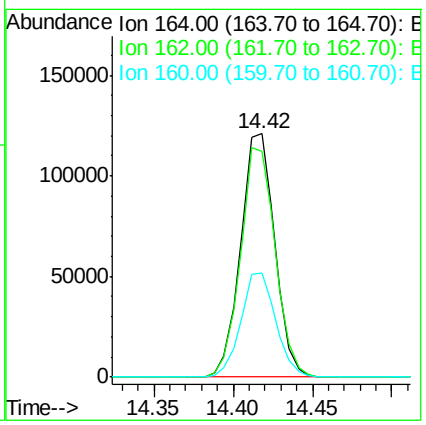


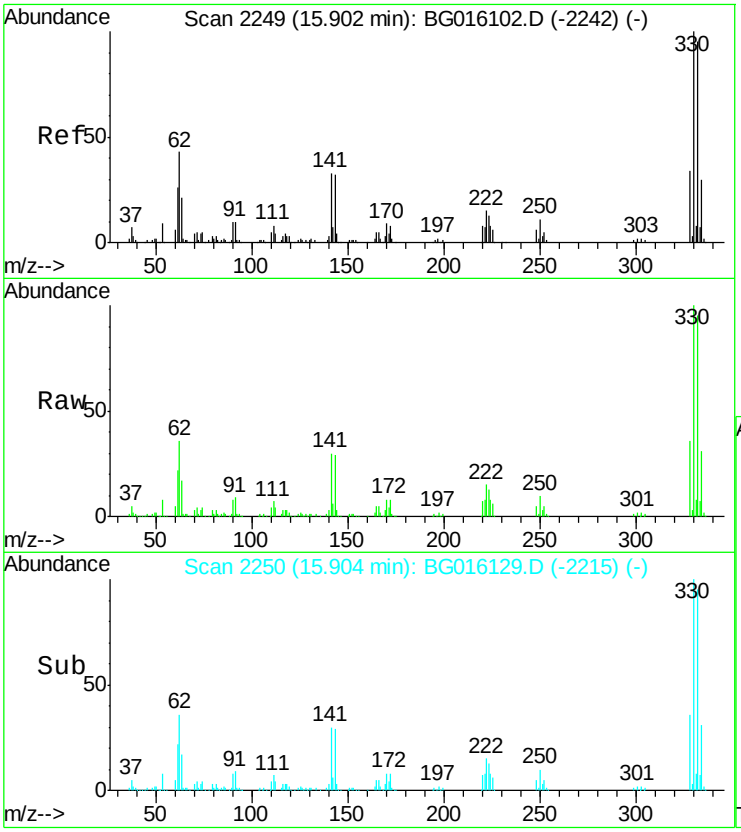




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

Tgt Ion:164 Resp: 180150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 92.9 | 75.2 | 112.8 |
| 160 | 42.9 | 33.9 | 50.9 |



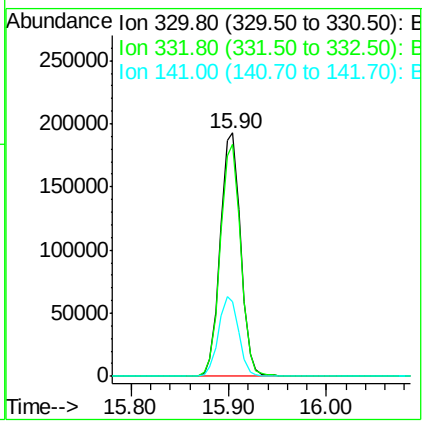


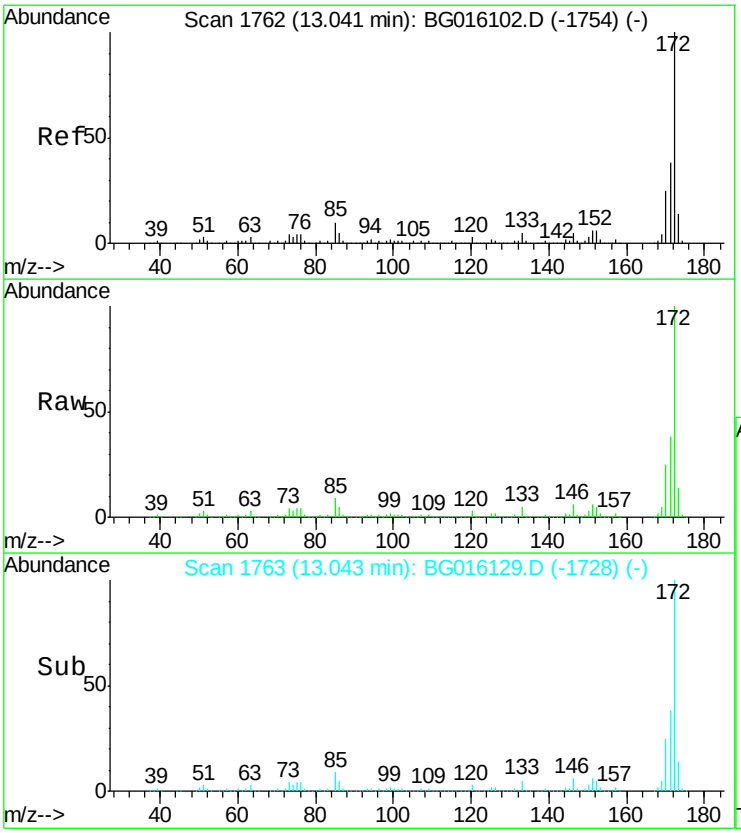

#41
2,4,6-Tribromophenol
Concen: 134.66 ng
RT: 15.90 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

**Instrument :**
BNA_G
**ClientSampleId :**
MW-32

Tgt Ion:330 Resp: 278573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.3 | 76.6 | 114.8 |
| 141 | 32.7 | 26.2 | 39.4 |

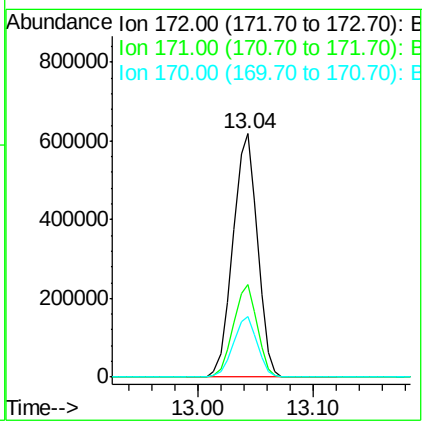


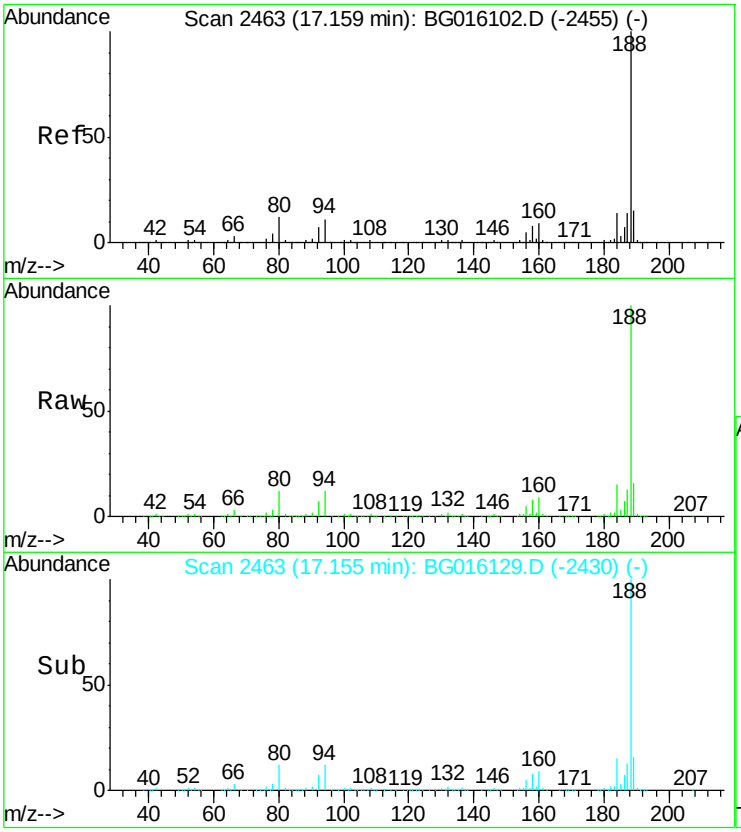




#44
2-Fluorobiphenyl
Concen: 84.16 ng
RT: 13.04 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

Tgt Ion:172 Resp: 905772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.9 | 30.3 | 45.5 |
| 170 | 25.0 | 19.8 | 29.8 |



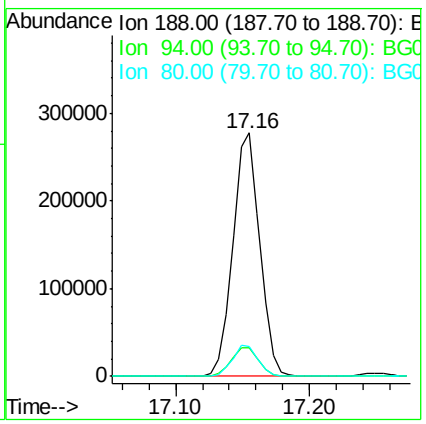


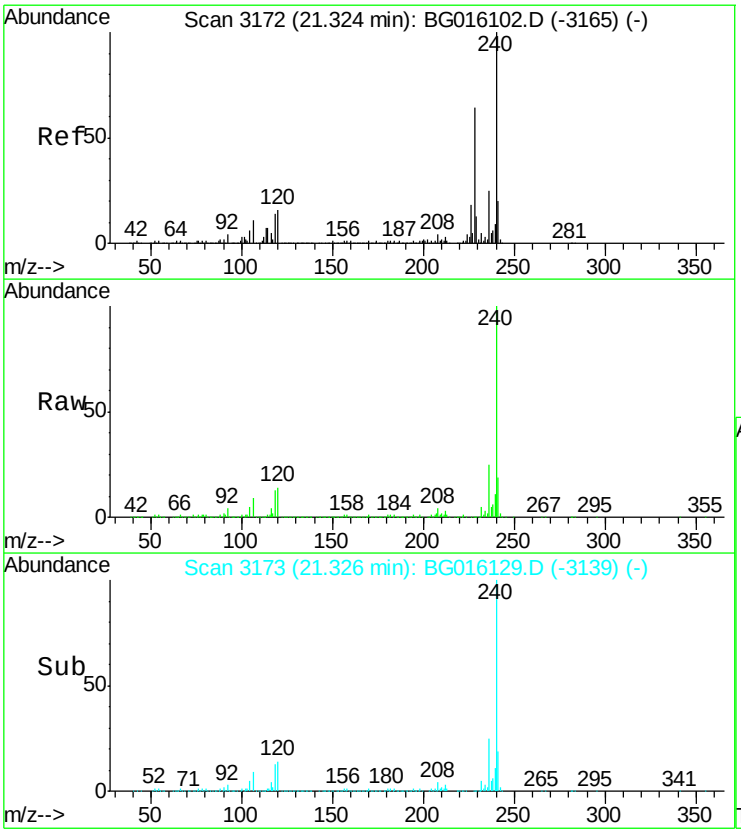

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

**Instrument :**
BNA_G
**ClientSampleId :**
MW-32

Tgt Ion:188 Resp: 386856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.6 | 9.1 | 13.7 |
| 80 | 12.3 | 9.8 | 14.8 |

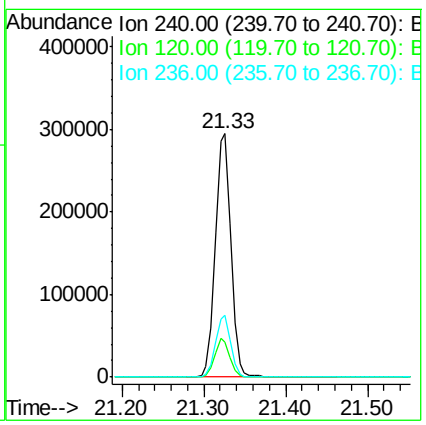


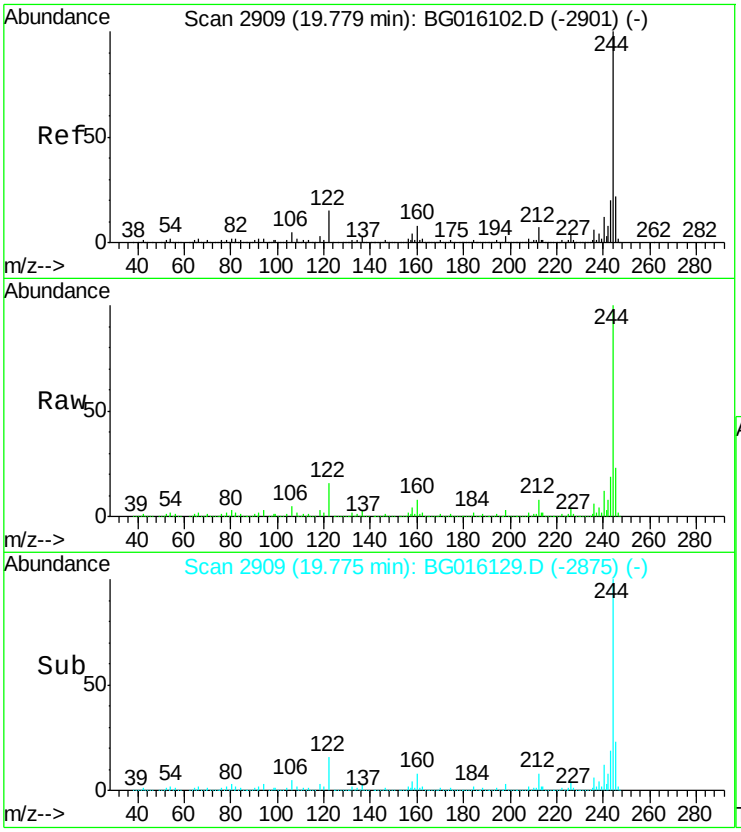




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

Tgt Ion:240 Resp: 393761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.4 | 13.0 | 19.4 |
| 236 | 25.4 | 20.2 | 30.2 |



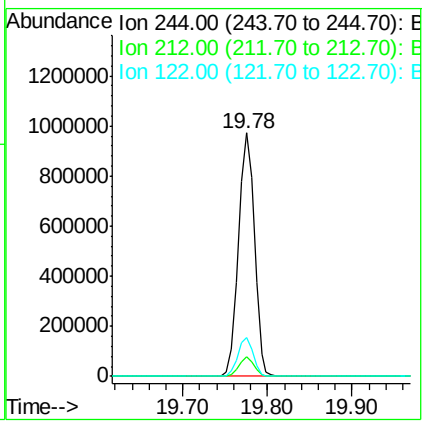


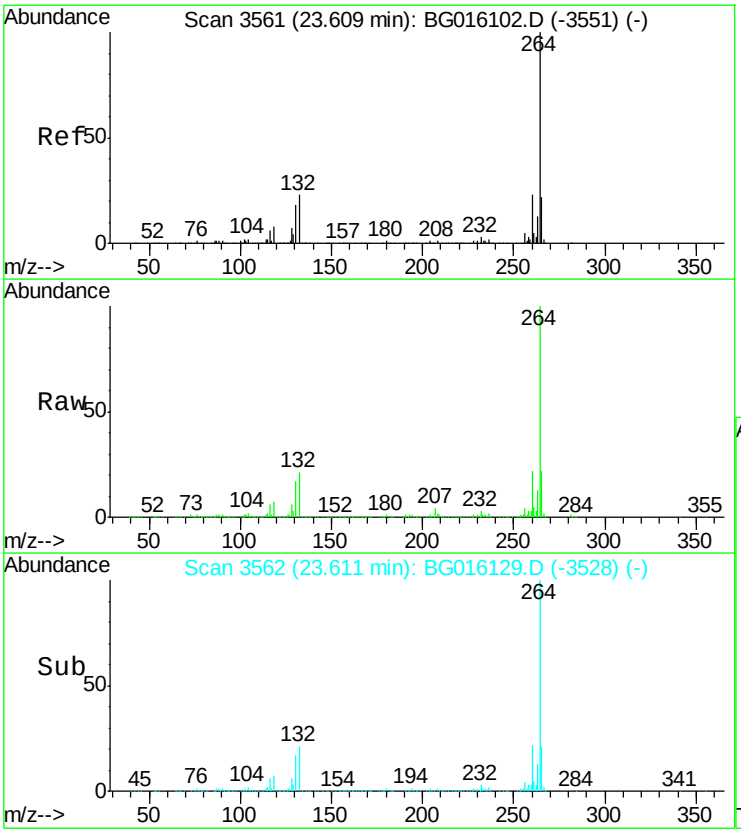

#78
Terphenyl-d14
Concen: 80.18 ng
RT: 19.78 min Scan# 2909
Delta R.T. -0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

**Instrument :**
BNA_G
**ClientSampleId :**
MW-32

Tgt Ion:244 Resp: 1253640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 5.9 | 8.9 |
| 122 | 16.0 | 12.2 | 18.2 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.61 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG016129.D
Acq: 26 Mar 2015 7:48

Tgt Ion:264 Resp: 379994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.3 | 18.4 | 27.6 |
| 265 | 21.6 | 17.3 | 25.9 |