Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
Data File : BG018629.D
Acq On : 11 Sep 2015 7:55
Operator : UM/IZ
Sample : G3612-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B-21

Quant Time: Sep 11 08:36:36 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 01:56:11 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.01 | 152 | 55706 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.81 | 136 | 228187 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.63 | 164 | 151587 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.37 | 188 | 430271 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.63 | 240 | 488152 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.82 | 264 | 489358 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 393181 | 121.93 | ng | 0.00 |
| 7) Phenol-d6 | 7.17 | 99 | 553036 | 119.61 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.17 | 82 | 306529 | 75.17 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.12 | 330 | 242444 | 118.78 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.25 | 172 | 742946 | 68.04 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.98 | 244 | 1140014 | 61.33 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 32) Benzoic acid | 10.18 | 122 | 62 | 7.95 | ng | # 52 |
| 49) Dimethylphthalate | 14.08 | 163 | 255070 | 20.32 | ng | # 99 |
| 53) 2,4-Dinitrophenol | 14.78 | 184 | 56 | 7.68 | ng | # 24 |

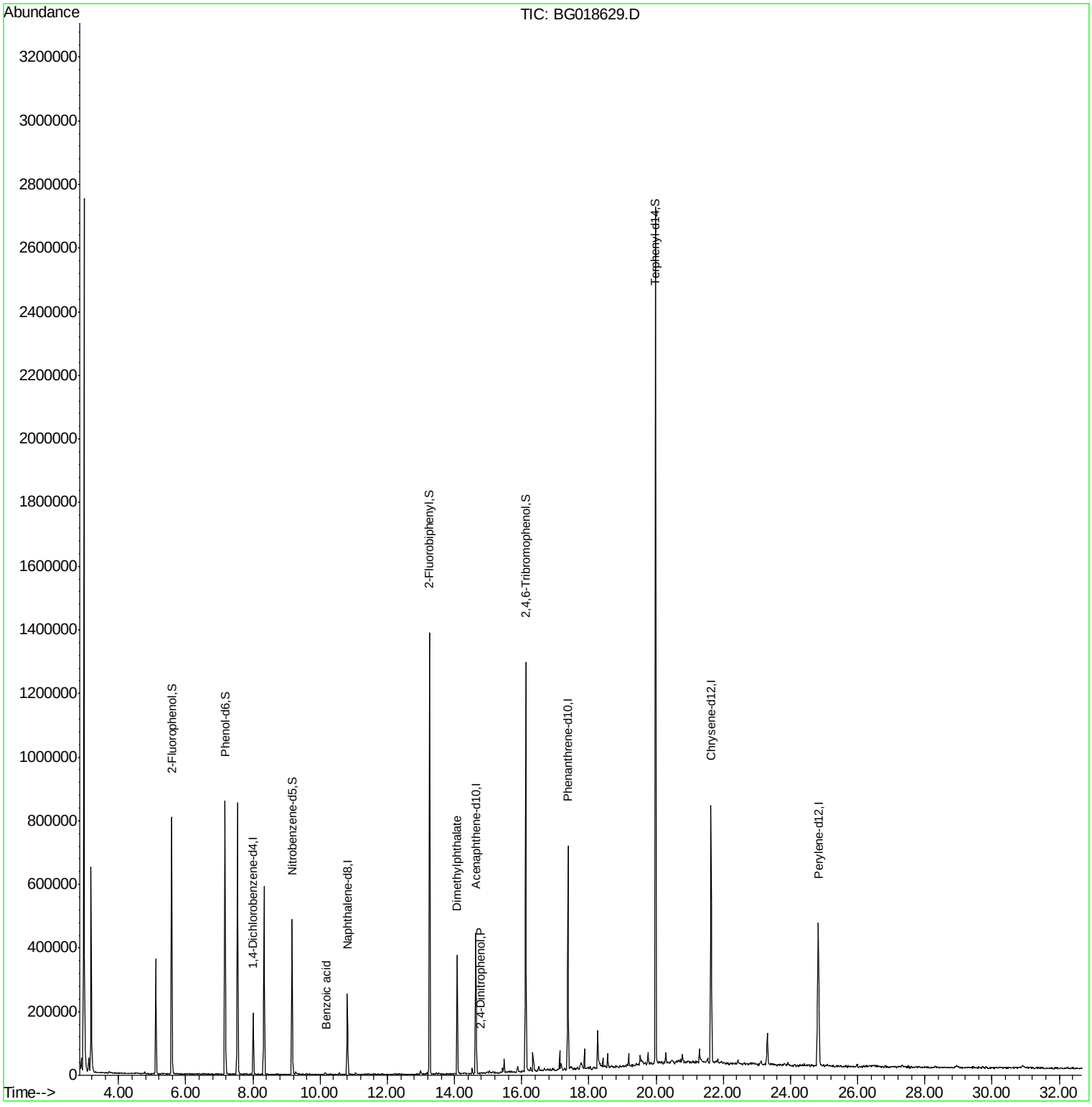
(#) = qualifier out of range (m) = manual integration (+) = signals summed

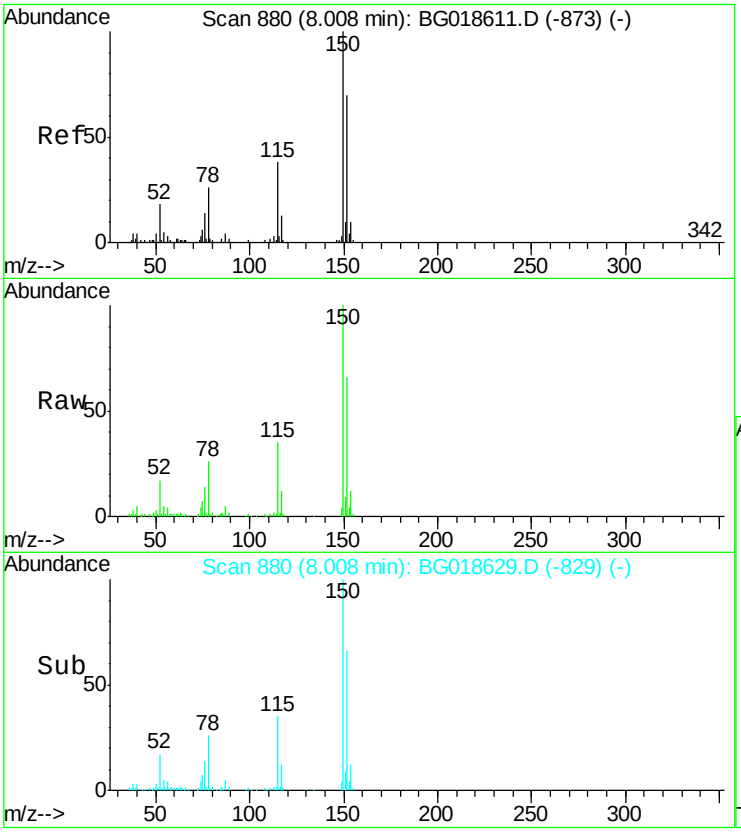
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
Data File : BG018629.D
Acq On : 11 Sep 2015 7:55
Operator : UM/IZ
Sample : G3612-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Quant Time: Sep 11 08:36:36 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 01:56:11 2015
Response via : Initial Calibration



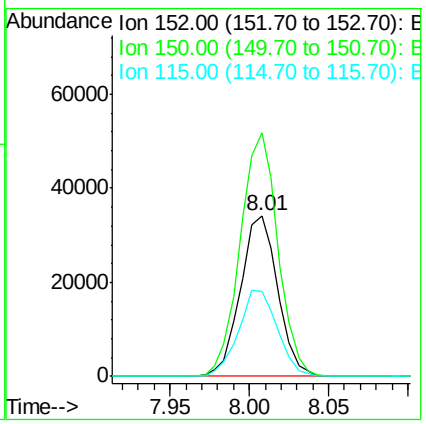


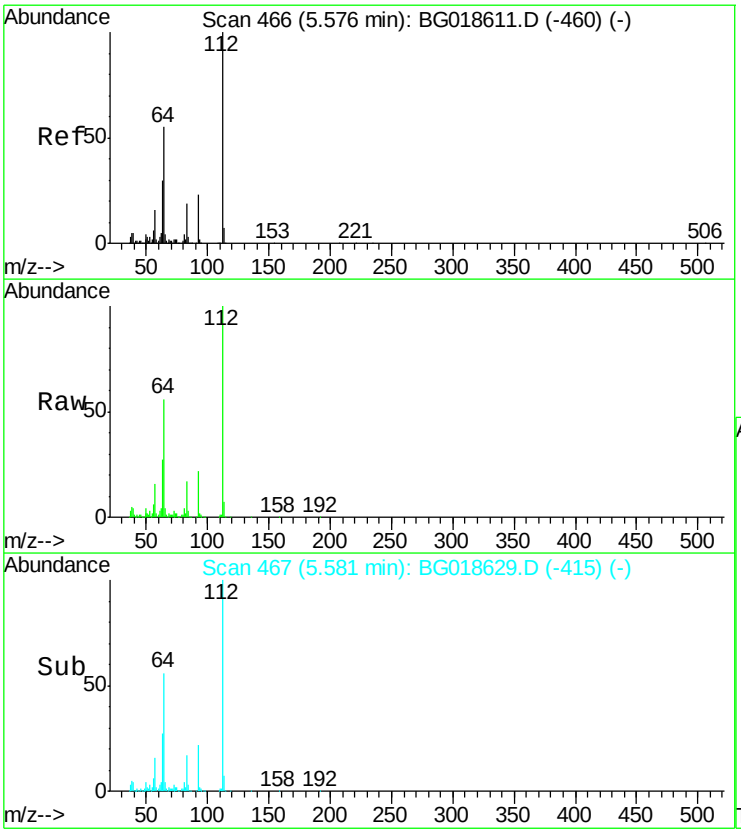

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Tgt Ion:152 Resp: 55706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.3 | 115.0 | 172.4 |
| 115 | 53.0 | 43.9 | 65.9 |

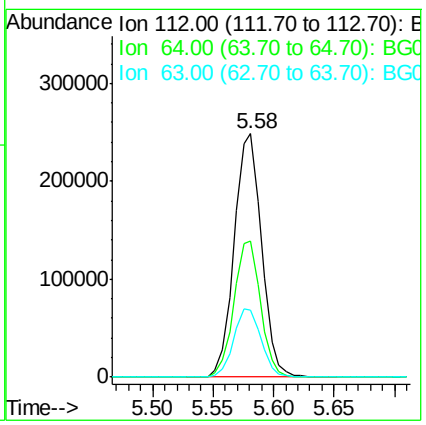


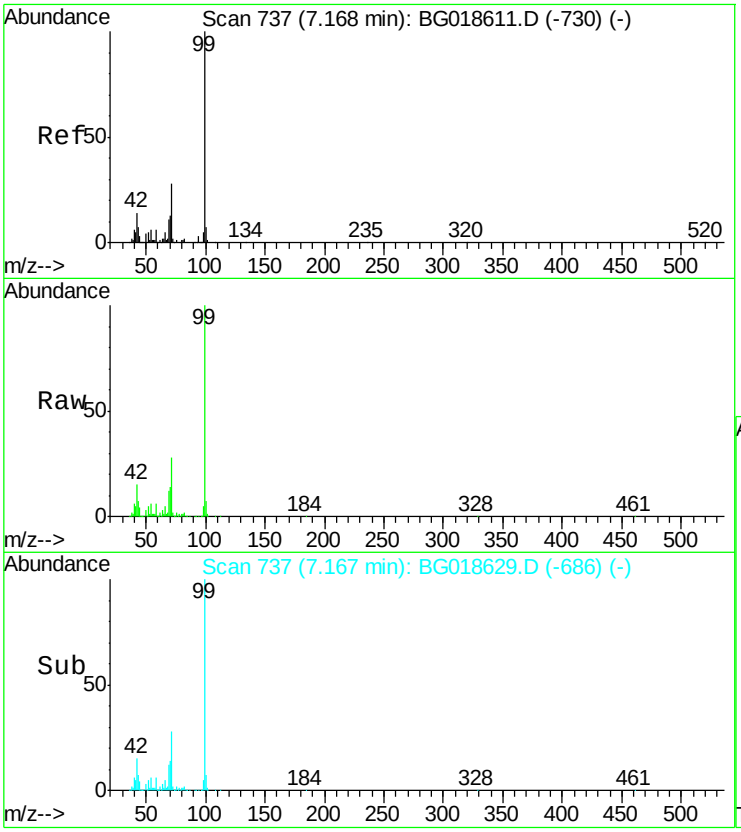




#5
2-Fluorophenol
Concen: 121.93 ng
RT: 5.58 min Scan# 467
Delta R.T. 0.01 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

Tgt Ion:112 Resp: 393181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.7 | 43.7 | 65.5 |
| 63 | 27.4 | 24.0 | 36.0 |



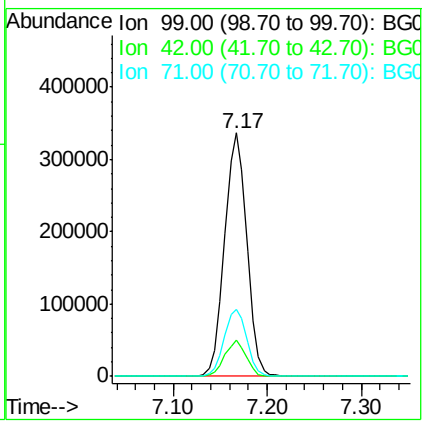


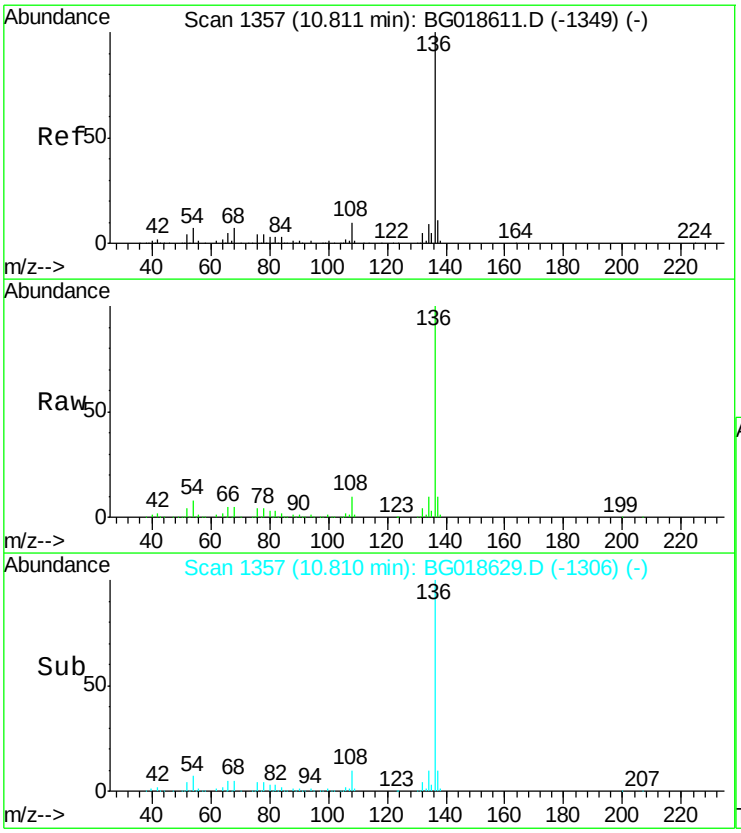

#7
Phenol-d6
Concen: 119.61 ng
RT: 7.17 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Tgt Ion: 99 Resp: 553036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.7 | 11.5 | 17.3 |
| 71 | 27.7 | 22.6 | 34.0 |

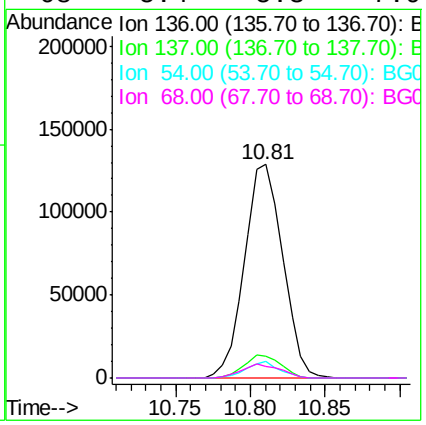


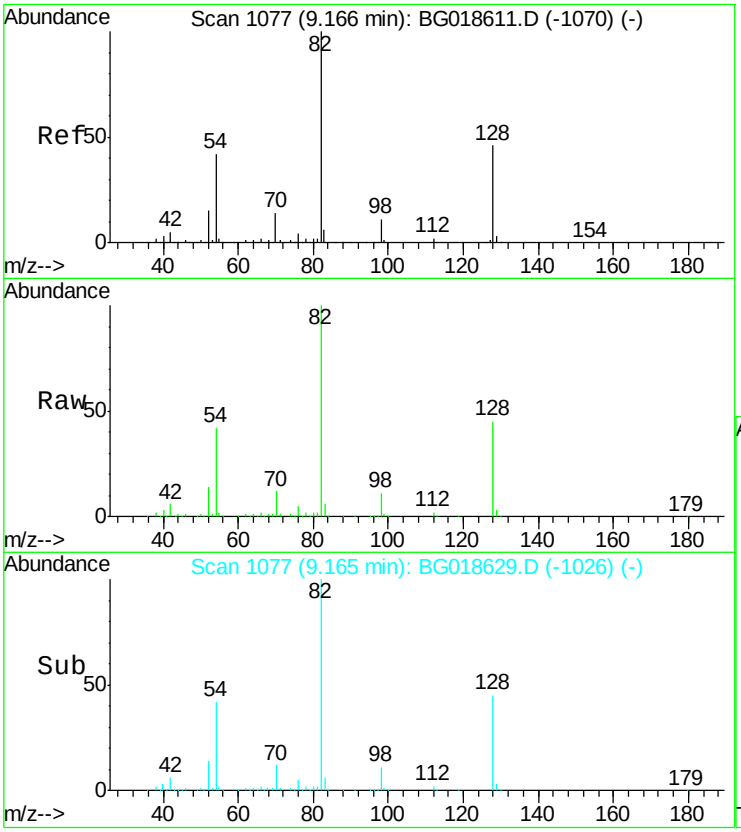




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

Tgt Ion:136 Resp: 228187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.1 | 8.6 | 12.8 |
| 54 | 7.5 | 5.4 | 8.2 |
| 68 | 5.4 | 5.3 | 7.9 |



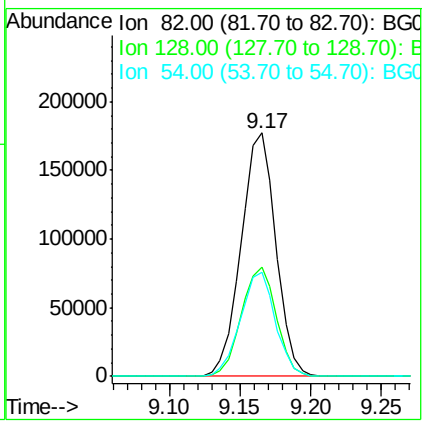


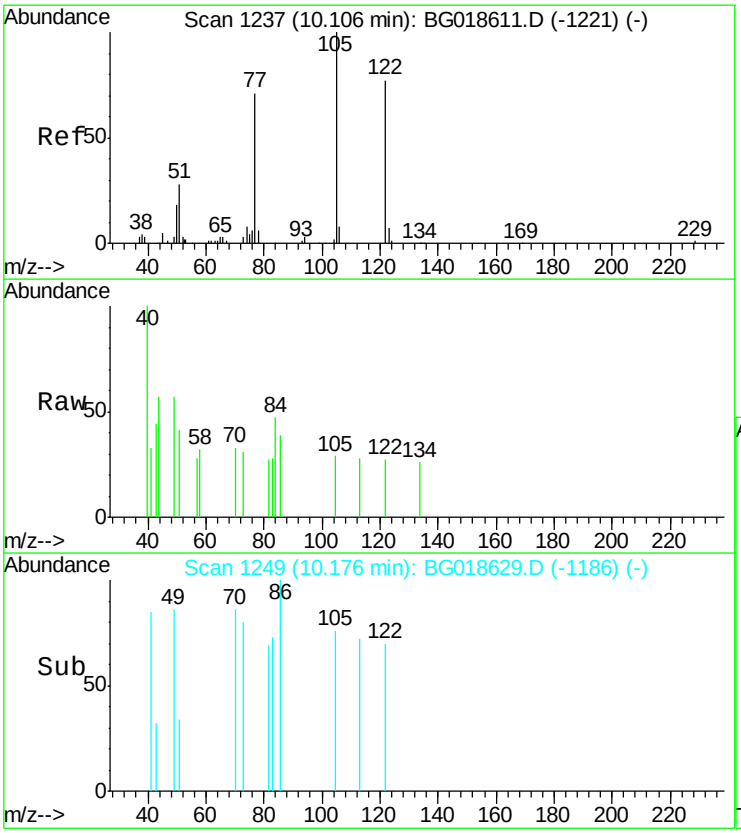

#23
Nitrobenzene-d5
Concen: 75.17 ng
RT: 9.17 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Tgt Ion: 82 Resp: 306529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.1 | 36.7 | 55.1 |
| 54 | 42.5 | 33.8 | 50.8 |

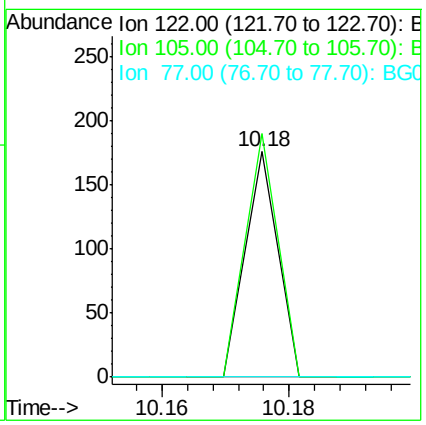


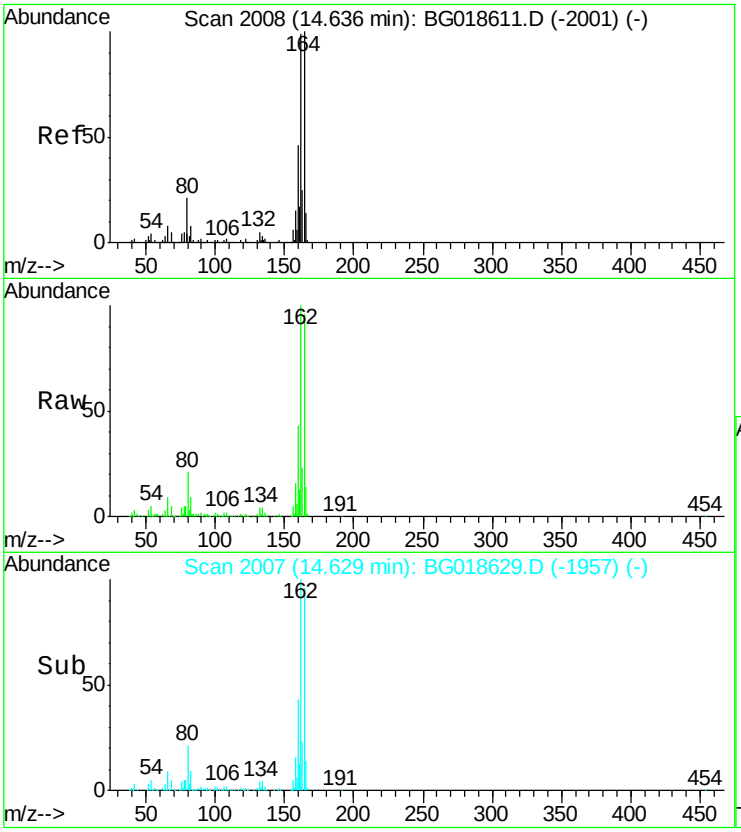




#32
Benzoic acid
Concen: 7.95 ng
RT: 10.18 min Scan# 1249
Delta R.T. 0.07 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

Tgt Ion:122 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 108.0 | 103.8 | 143.8 |
| 77 | 0.0 | 68.8 | 108.8# |



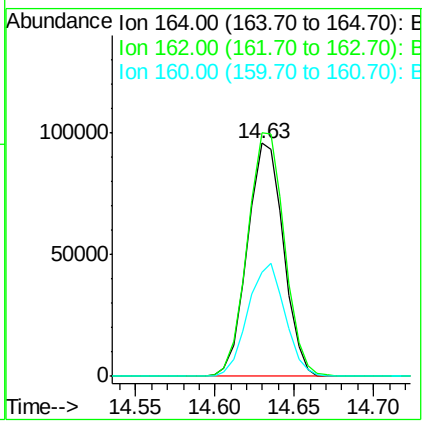


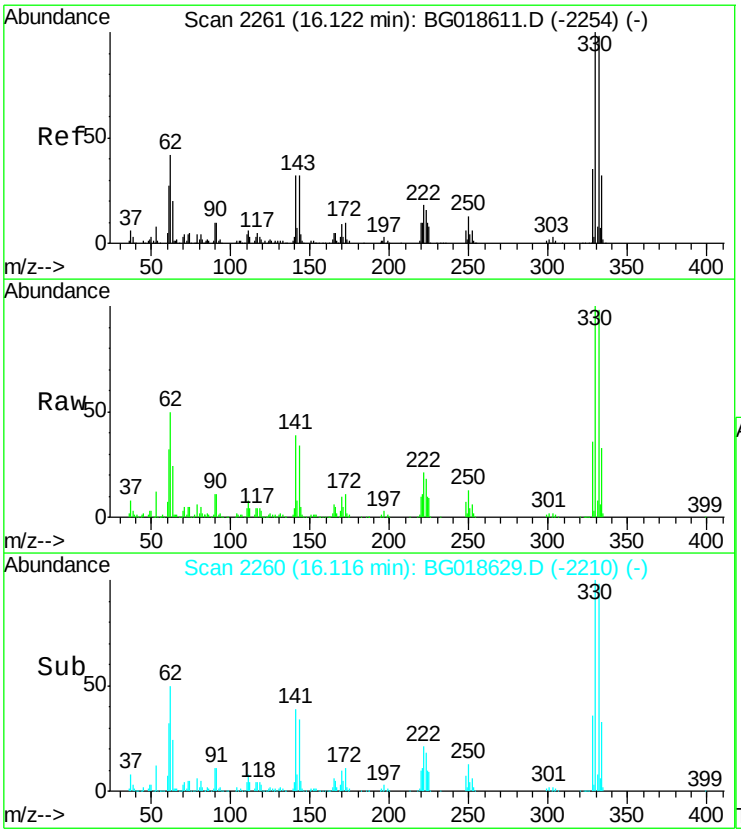

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Tgt Ion:164 Resp: 151587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.5 | 78.8 | 118.2 |
| 160 | 44.5 | 36.4 | 54.6 |

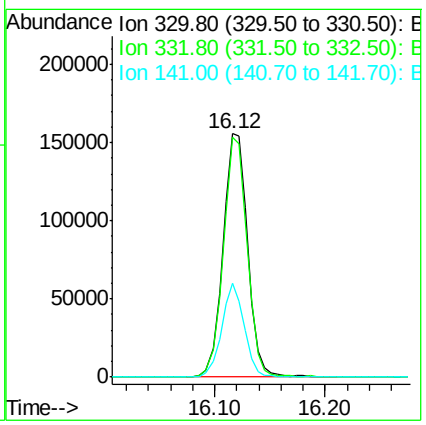


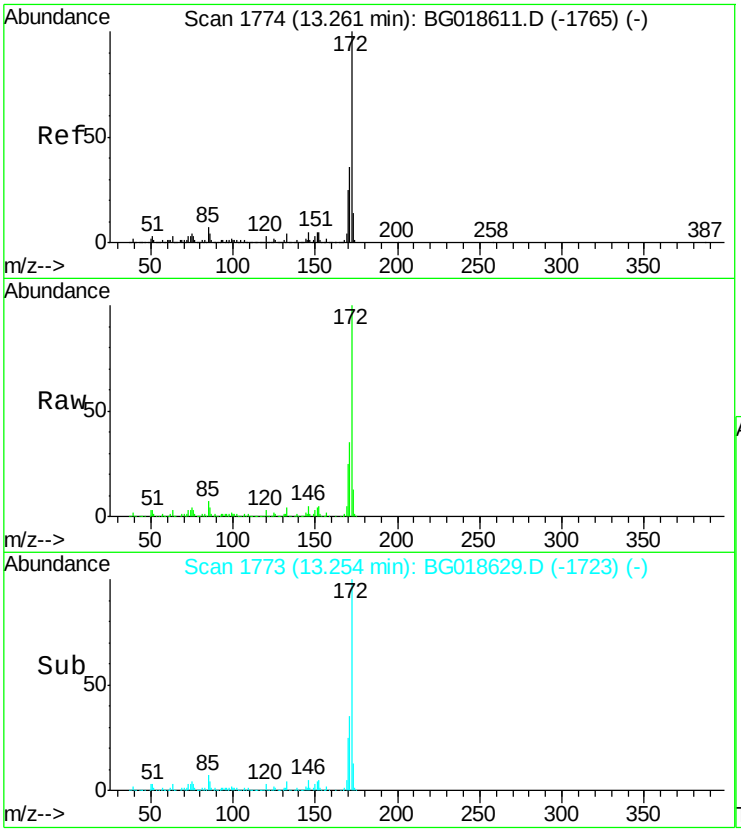




#41
2,4,6-Tribromophenol
Concen: 118.78 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

Tgt Ion:330 Resp: 242444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 78.1 | 117.1 |
| 141 | 35.3 | 28.2 | 42.2 |



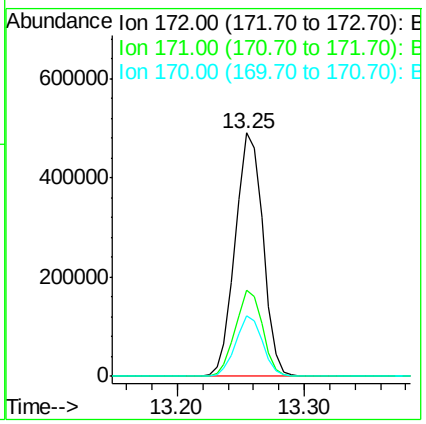


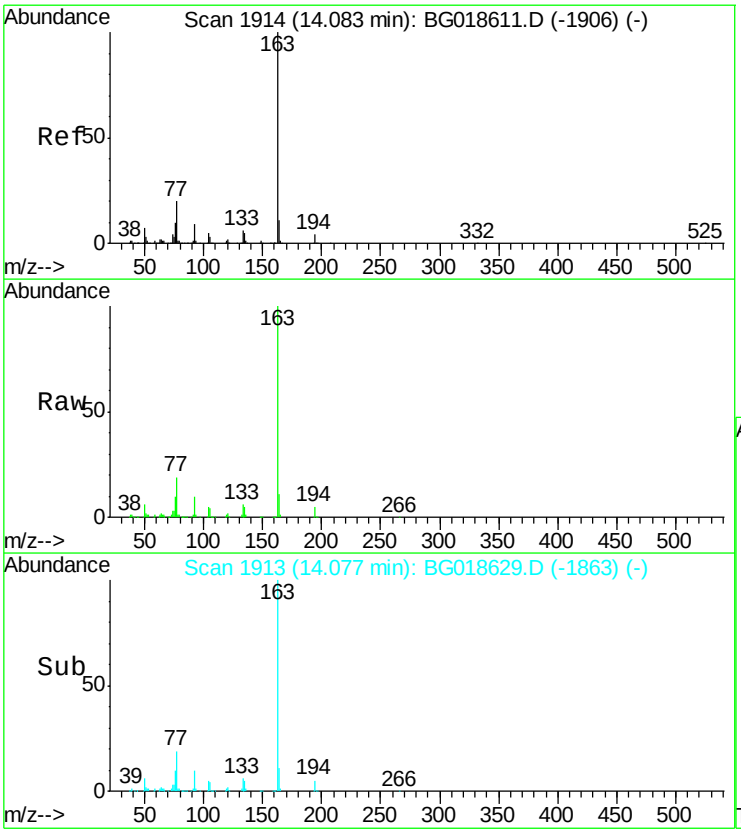

#44
2-Fluorobiphenyl
Concen: 68.04 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Tgt Ion:172 Resp: 742946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 29.0 | 43.6 |
| 170 | 25.0 | 19.9 | 29.9 |

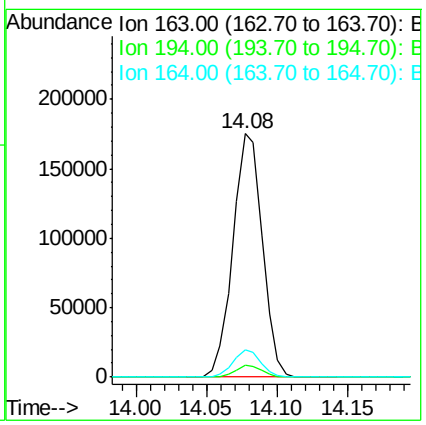


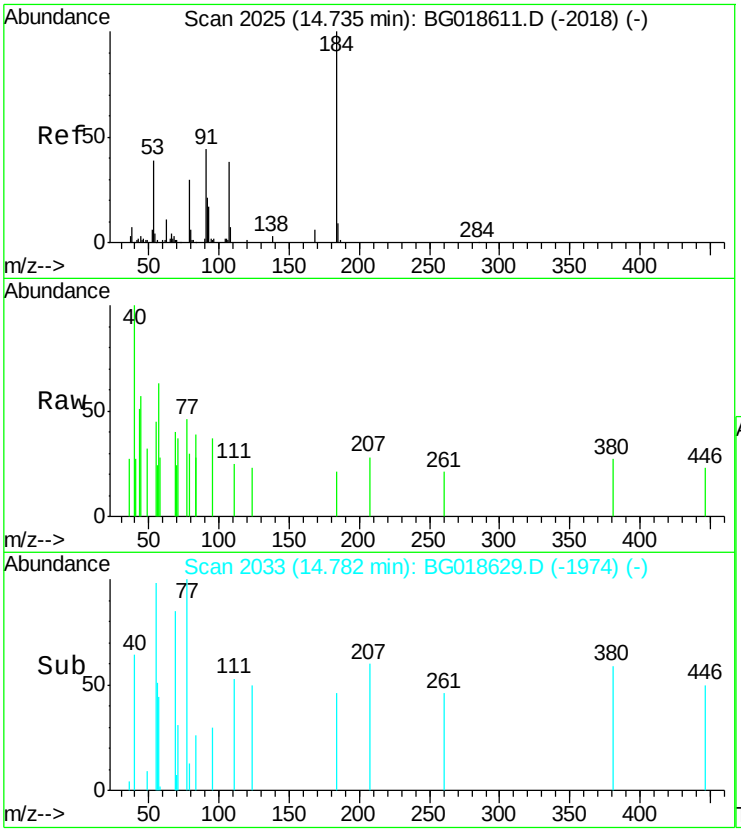




#49
Dimethylphthalate
Concen: 20.32 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

Tgt Ion:163 Resp: 255070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.8 | 3.1 | 4.7# |
| 164 | 11.1 | 8.8 | 13.2 |



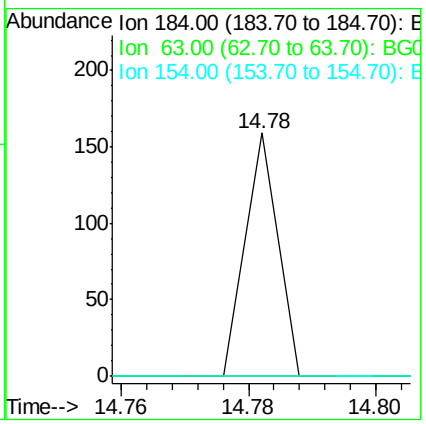


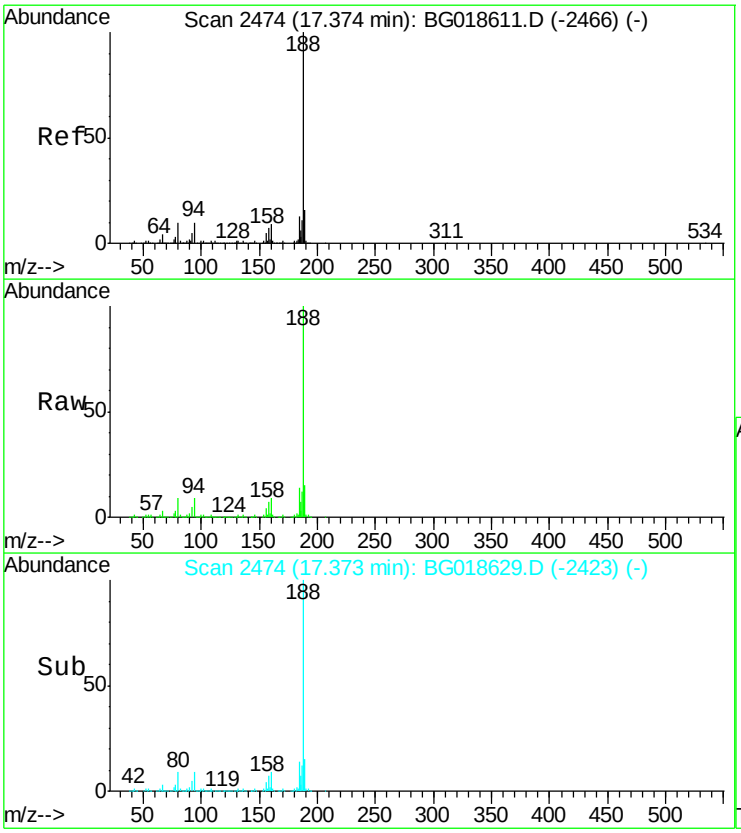

#53
2,4-Dinitrophenol
Concen: 7.68 ng
RT: 14.78 min Scan# 2033
Delta R.T. 0.05 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Tgt Ion:184 Resp: 56

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 42.7 | 64.1# |
| 154 | 0.0 | 44.3 | 66.5# |

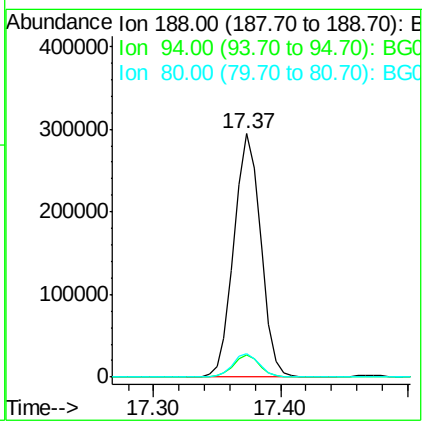


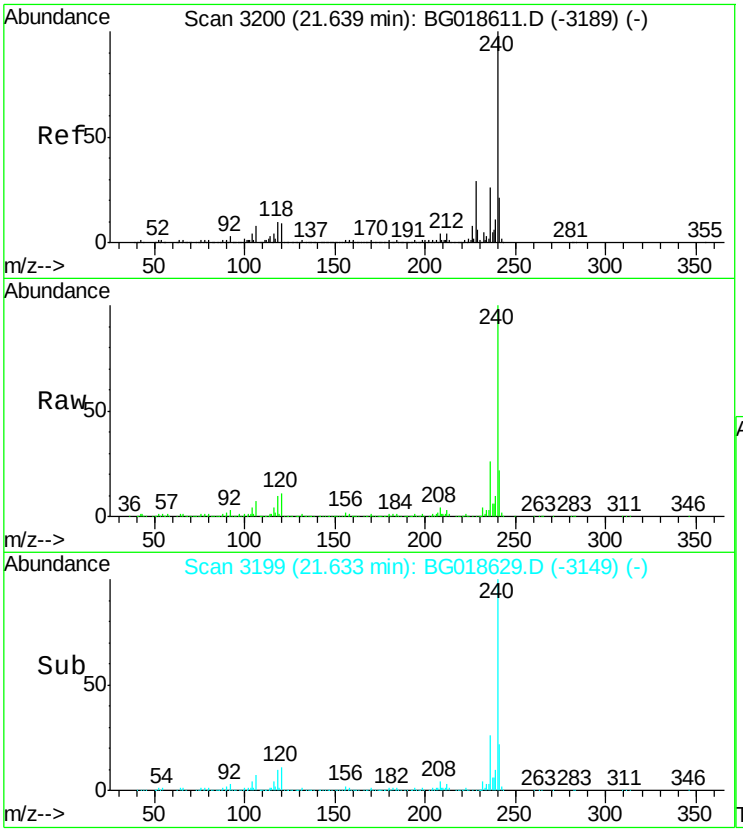




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

Tgt Ion:188 Resp: 430271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 7.7 | 11.5 |
| 80 | 9.4 | 7.8 | 11.8 |



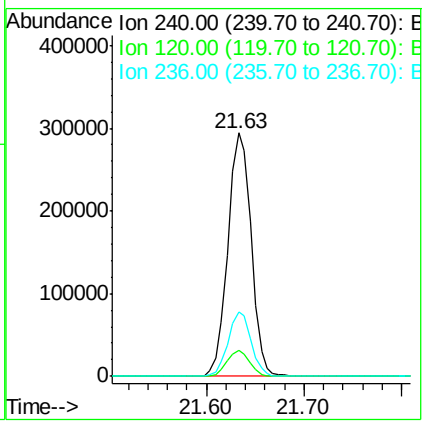


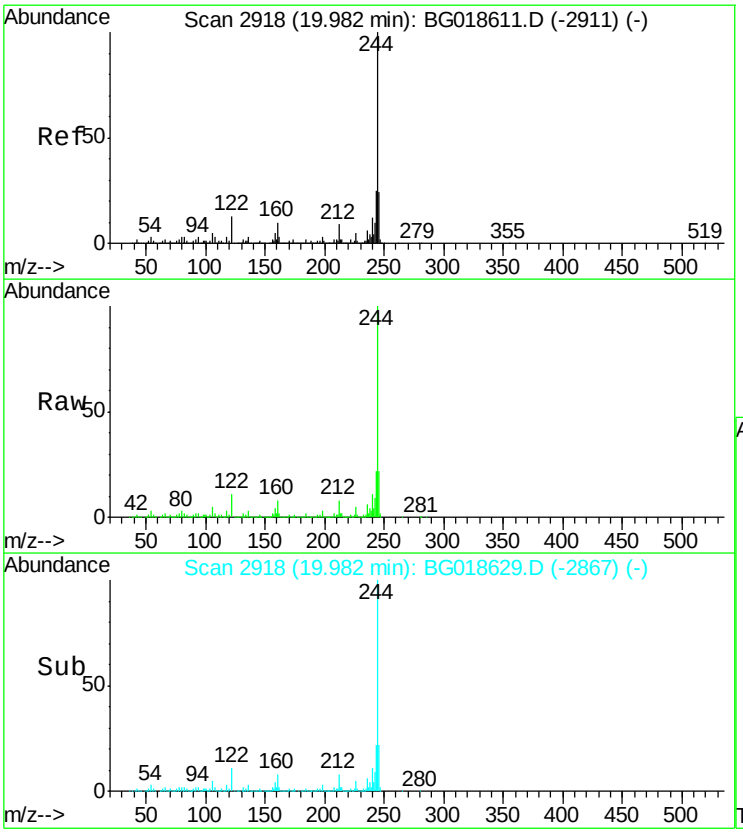

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Tgt Ion:240 Resp: 488152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 7.4 | 11.0 |
| 236 | 26.3 | 20.7 | 31.1 |

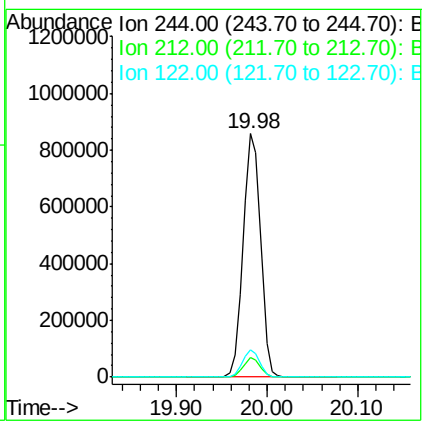


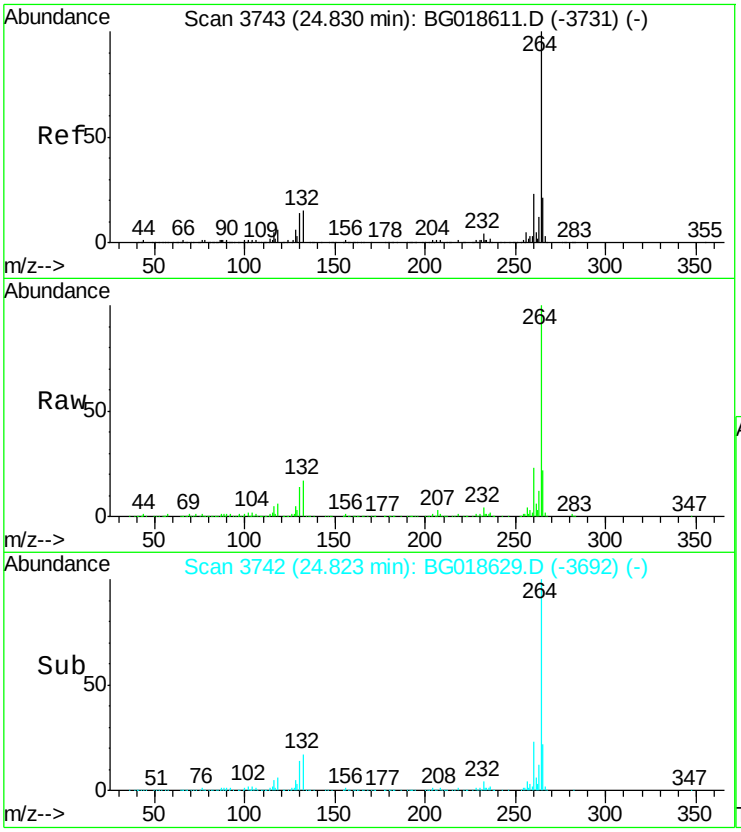




#78
Terphenyl-d14
Concen: 61.33 ng
RT: 19.98 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

Tgt Ion:244 Resp: 1140014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 6.9 | 10.3 |
| 122 | 11.4 | 10.2 | 15.2 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BG018629.D
Acq: 11 Sep 2015 7:55

**Instrument :**
BNA_G
**ClientSampleId :**
B-21

Tgt Ion:264 Resp: 489358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.5 | 27.7 |
| 265 | 22.1 | 17.2 | 25.8 |