Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028736.D
Acq On : 14 Sep 2017 17:21
Operator : SJ/JU
Sample : I5187-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 20170606-COMP-C

Quant Time: Sep 15 07:50:07 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 | 8.33 | 152 | 22522 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.15 | 136 | 92507 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.94 | 164 | 76863 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.69 | 188 | 243888 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.02 | 240 | 279899 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.53 | 264 | 284017 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.90 | 112 | 130180 | 95.37 | ng | | 0.00 |
| 7) Phenol-d6 | 7.48 | 99 | 186087 | 90.55 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.50 | 82 | 112209 | 58.03 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.43 | 330 | 140561 | 110.57 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.56 | 172 | 284282 | 49.32 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.27 | 244 | 608664 | 46.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.51 | 94 | 4929 | 2.273 | ng | | 87 |
| 32) Benzoic acid | 10.43 | 122 | 59 | 6.130 | ng | # | 1 |
| 49) Dimethylphthalate | 14.38 | 163 | 39841 | 6.181 | ng | | 100 |

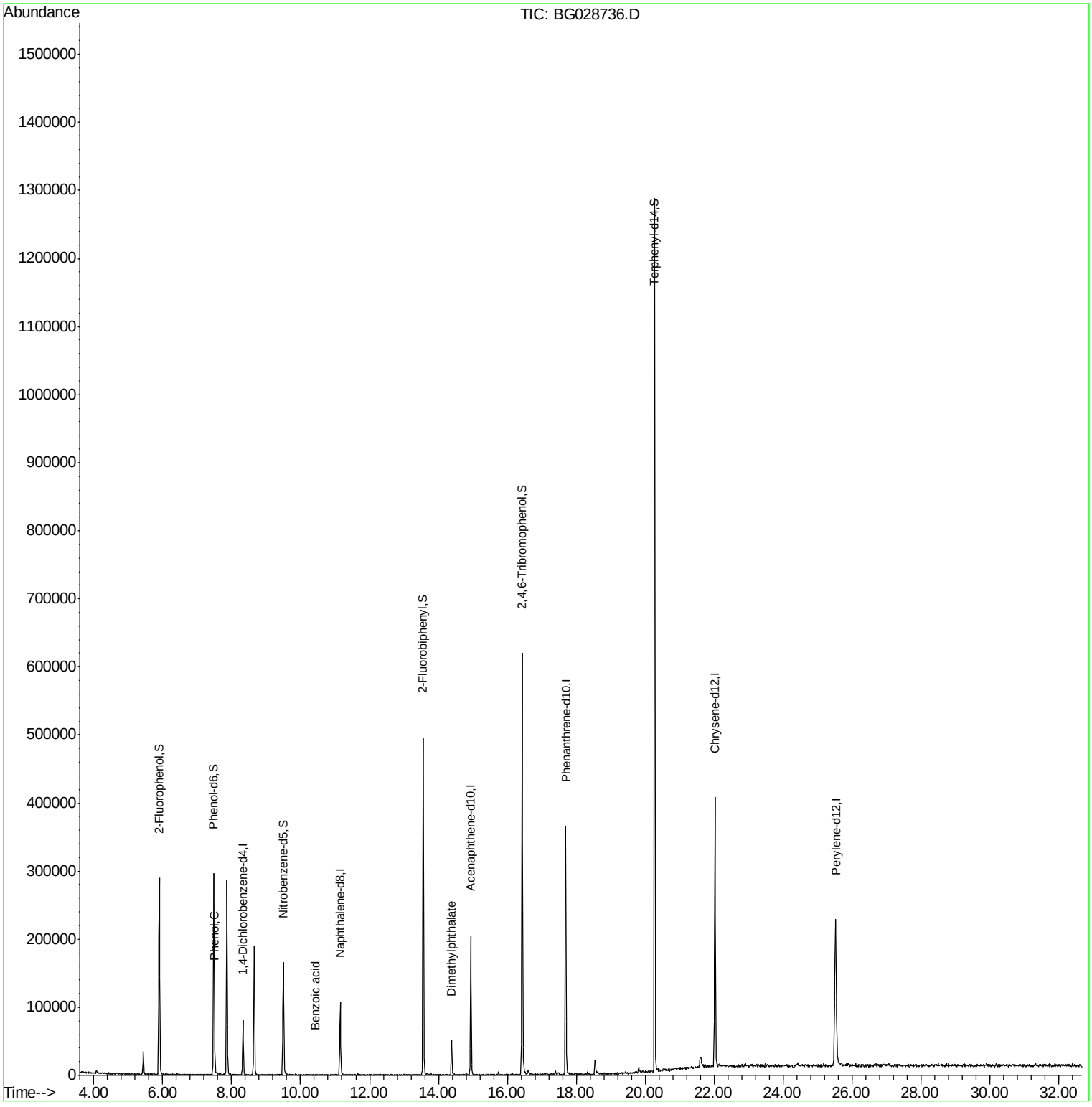
(#) = qualifier out of range (m) = manual integration (+) = signals summed

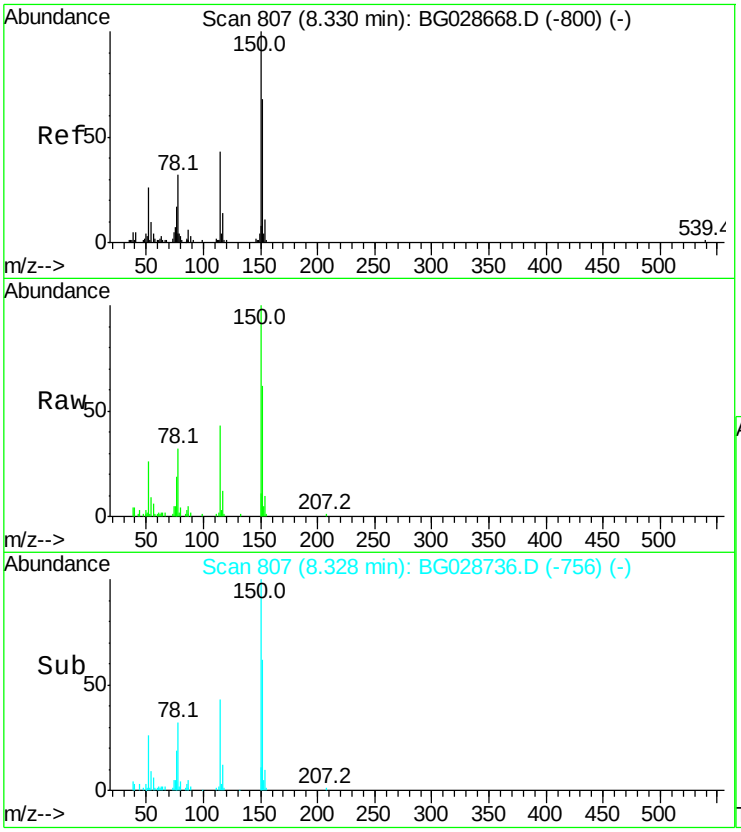
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028736.D
Acq On : 14 Sep 2017 17:21
Operator : SJ/JU
Sample : I5187-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Quant Time: Sep 15 07:50:07 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



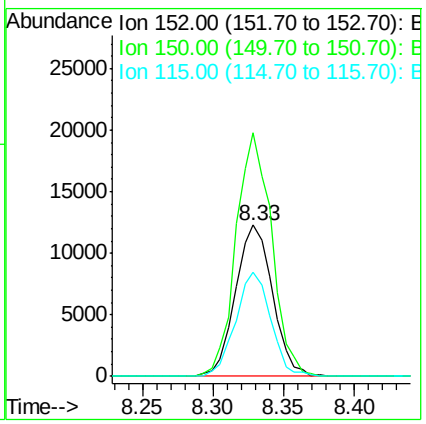


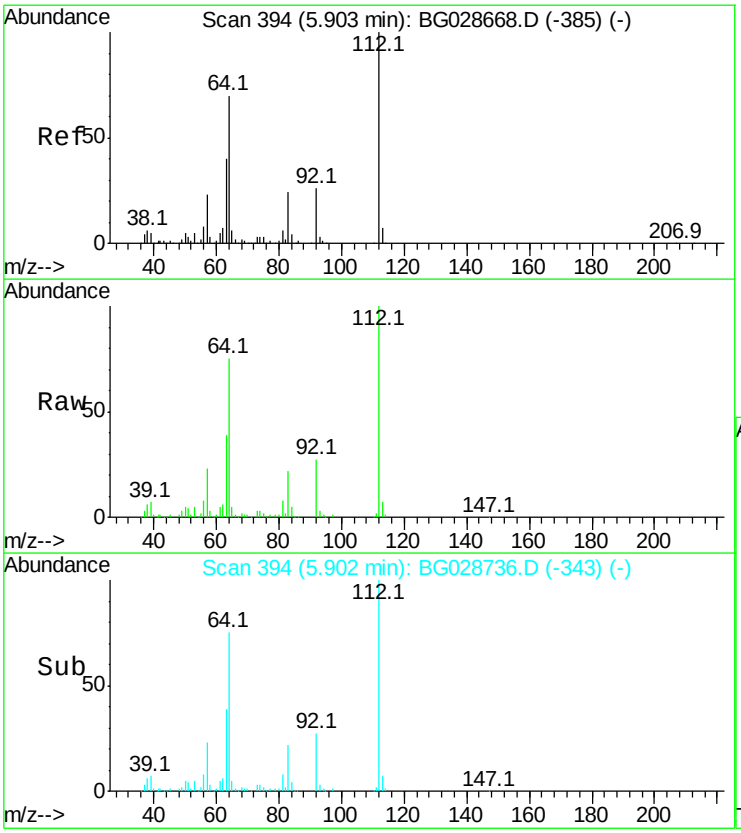

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Tgt Ion:152 Resp: 22522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.9 | 114.0 | 171.0 |
| 115 | 68.6 | 48.1 | 72.1 |

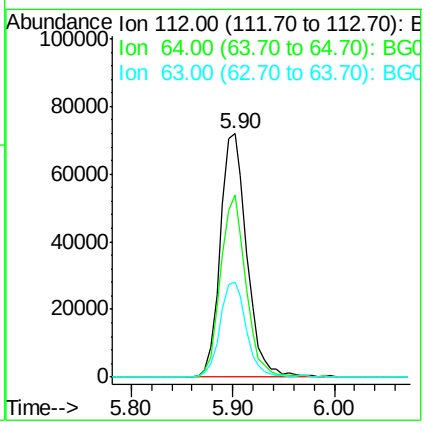


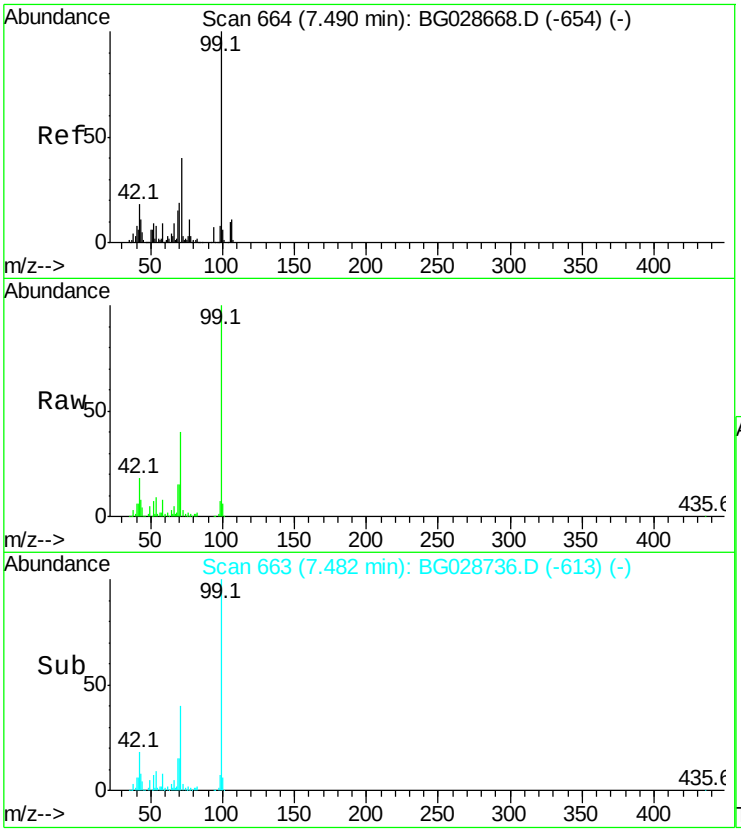




#5
2-Fluorophenol
Concen: 95.375 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:112 Resp: 130180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.7 | 61.8 | 92.6 |
| 63 | 39.1 | 37.2 | 55.8 |



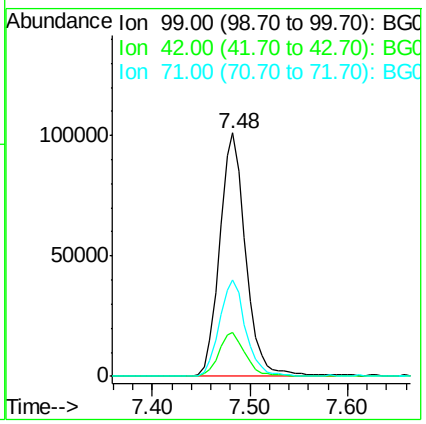


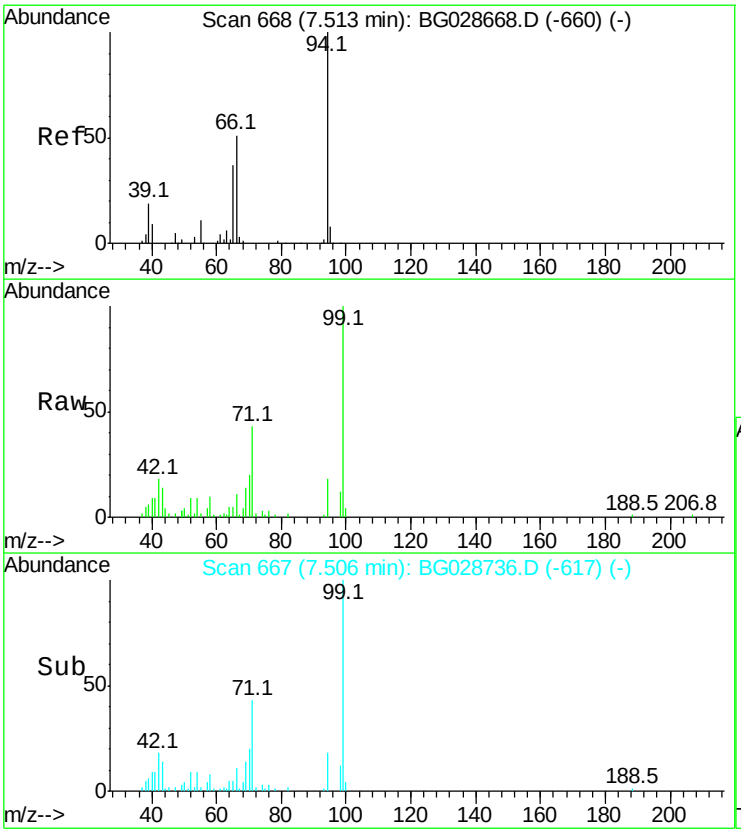

#7
Phenol-d6
Concen: 90.550 ng
RT: 7.48 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Tgt Ion: 99 Resp: 186087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.8 | 20.5 | 30.7# |
| 71 | 39.7 | 37.6 | 56.4 |

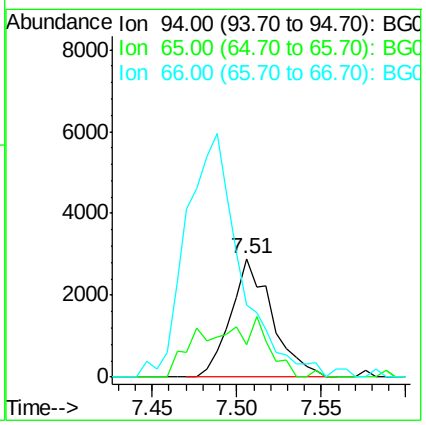


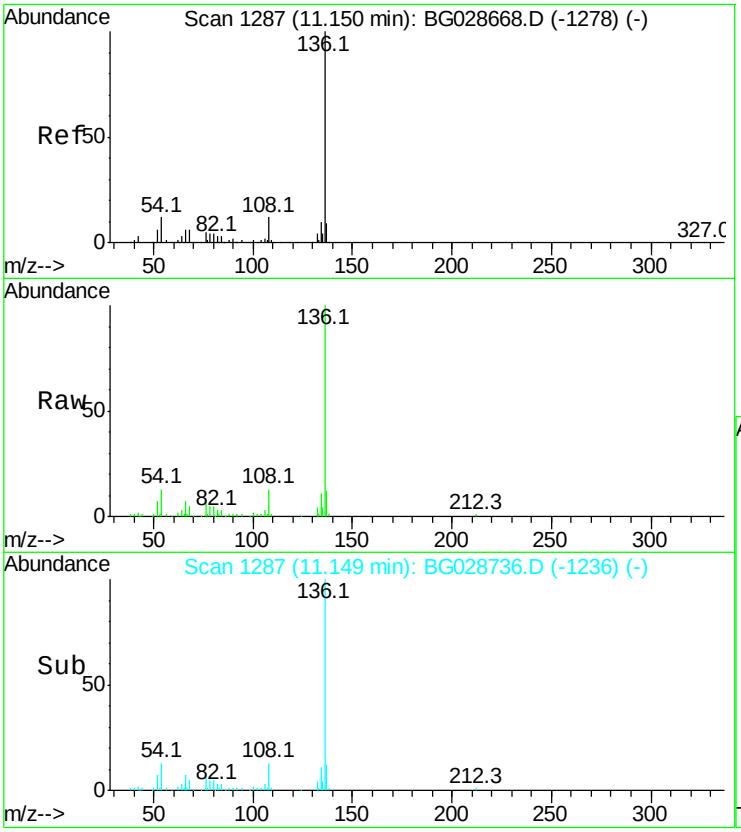




#10
Phenol
Concen: 2.273 ng
RT: 7.51 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion: 94 Resp: 4929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.5 | 20.6 | 60.6 |
| 66 | 61.0 | 35.5 | 75.5 |



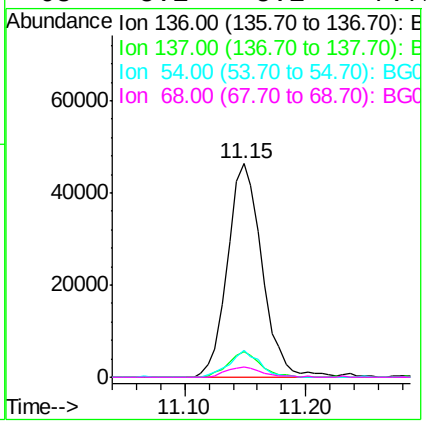


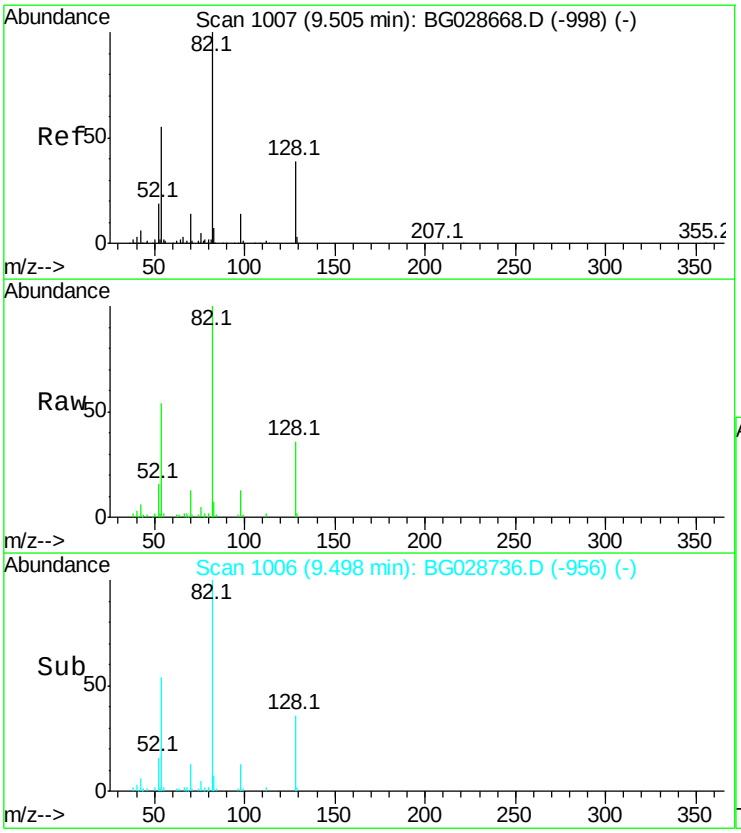

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Tgt Ion:136 Resp: 92507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 8.9 | 13.3 |
| 54 | 12.5 | 9.3 | 13.9 |
| 68 | 5.1 | 5.1 | 7.7# |

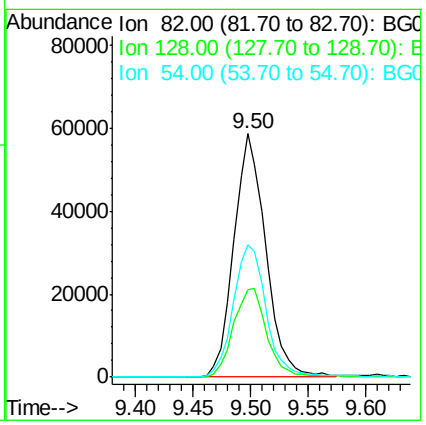


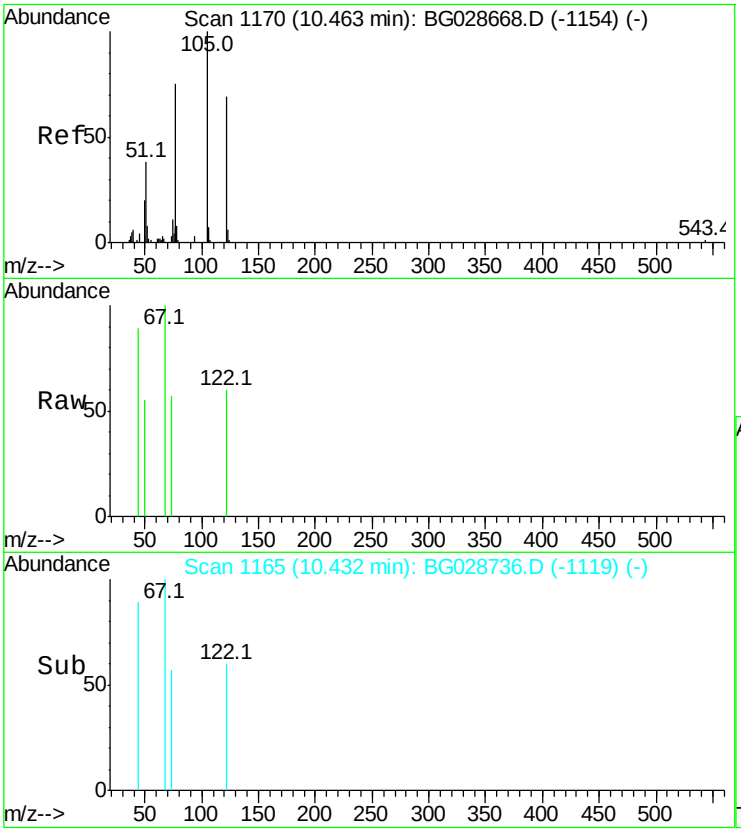




#23
Nitrobenzene-d5
Concen: 58.026 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion: 82 Resp: 112209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.8 | 26.4 | 39.6 |
| 54 | 54.3 | 49.4 | 74.2 |



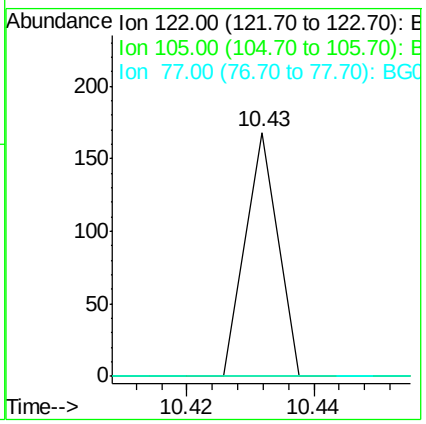


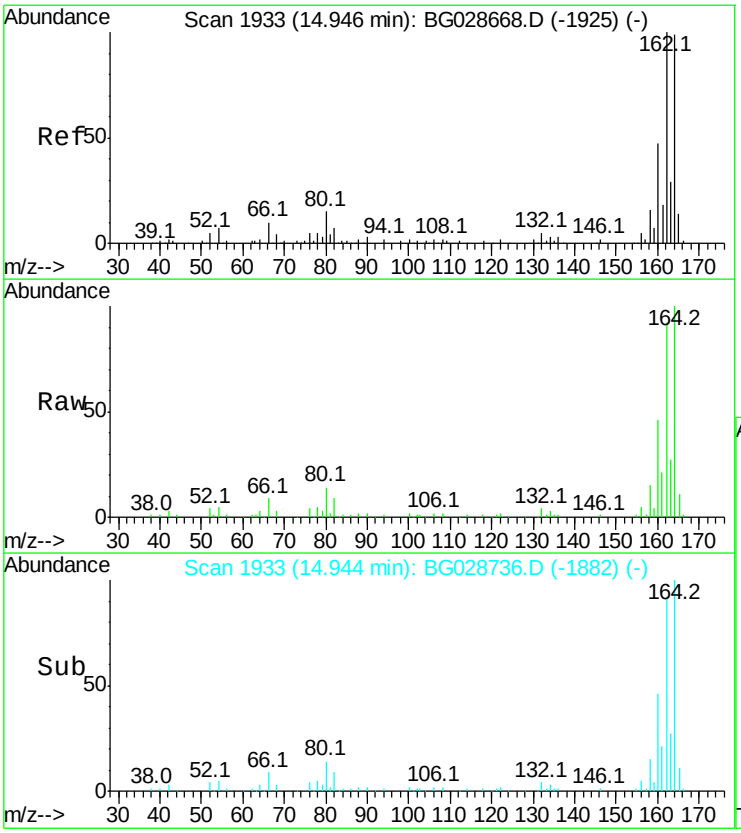

#32
Benzoic acid
Concen: 6.130 ng
RT: 10.43 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Tgt Ion:122 Resp: 59

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 120.1 | 160.1# |
| 77 | 0.0 | 104.6 | 144.6# |

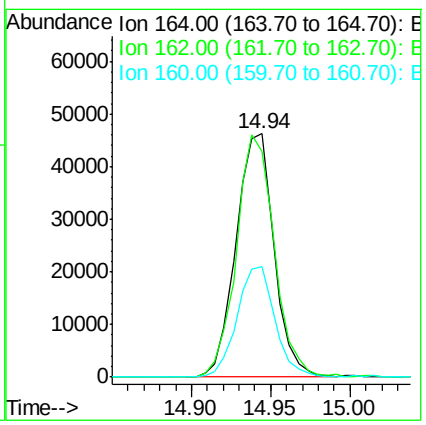


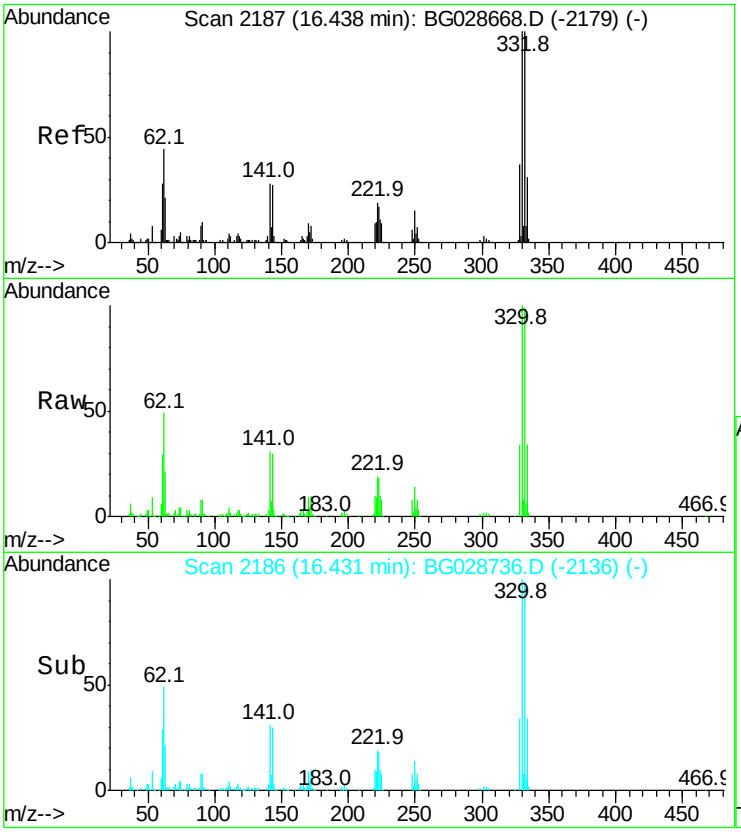




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:164 Resp: 76863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 92.5 | 85.1 | 127.7 |
| 160 | 45.6 | 34.7 | 52.1 |



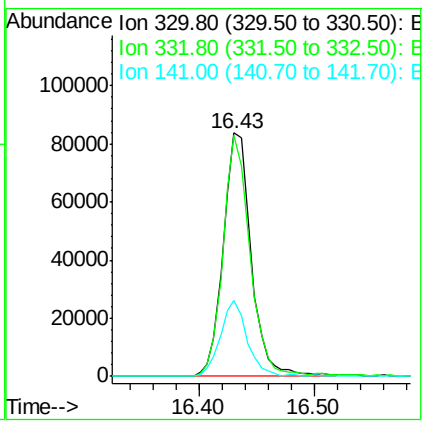


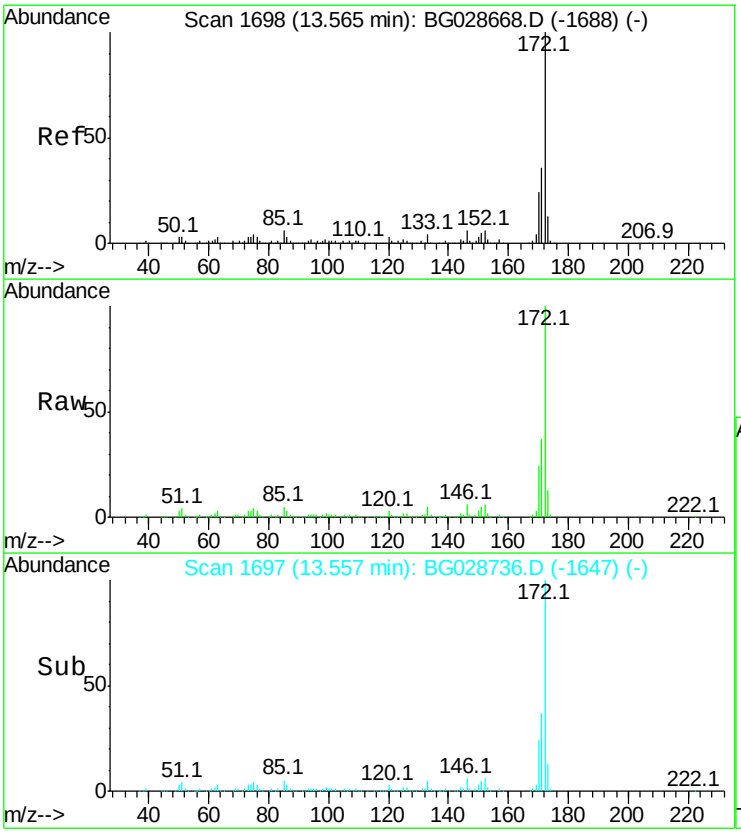

#41
2,4,6-Tribromophenol
Concen: 110.568 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Tgt Ion:330 Resp: 140561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.3 | 115.9 |
| 141 | 30.3 | 32.1 | 48.1# |

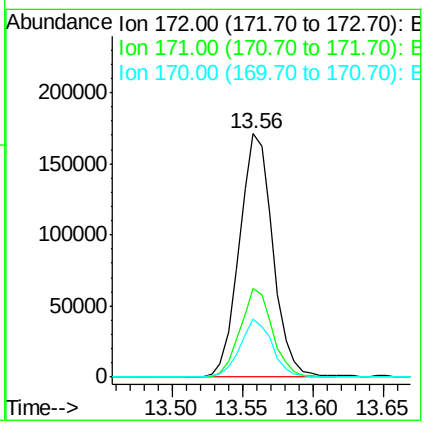


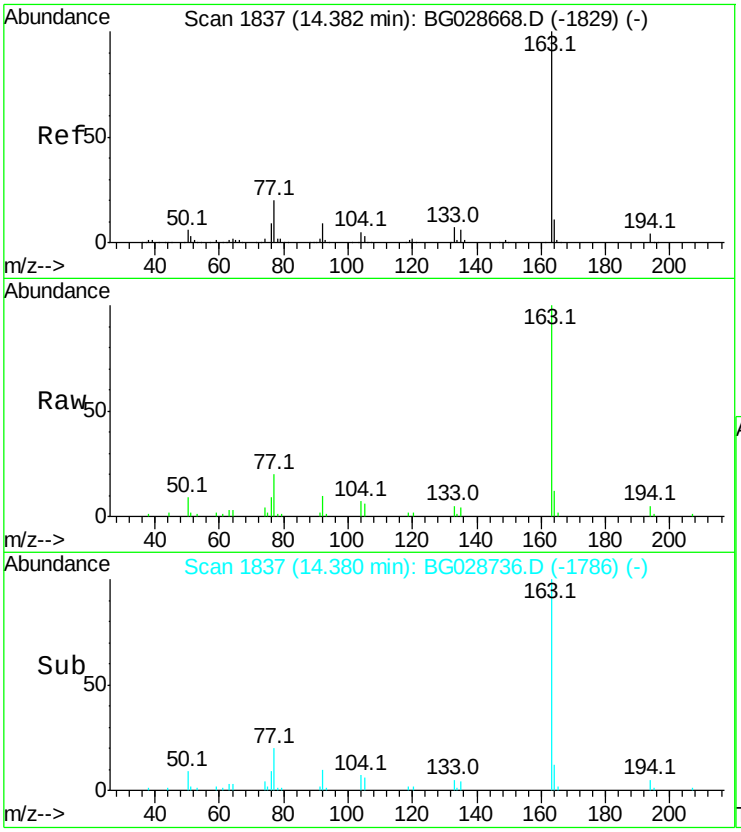




#44
2-Fluorobiphenyl
Concen: 49.317 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:172 Resp: 284282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 32.2 | 48.2 |
| 170 | 23.7 | 21.8 | 32.6 |



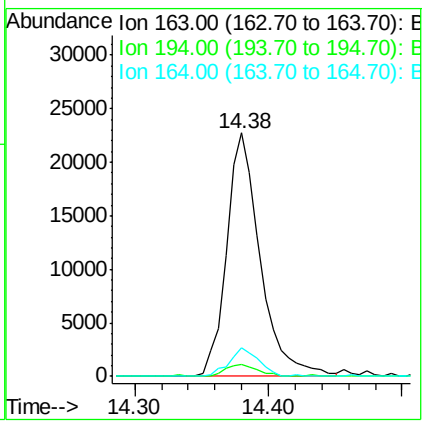


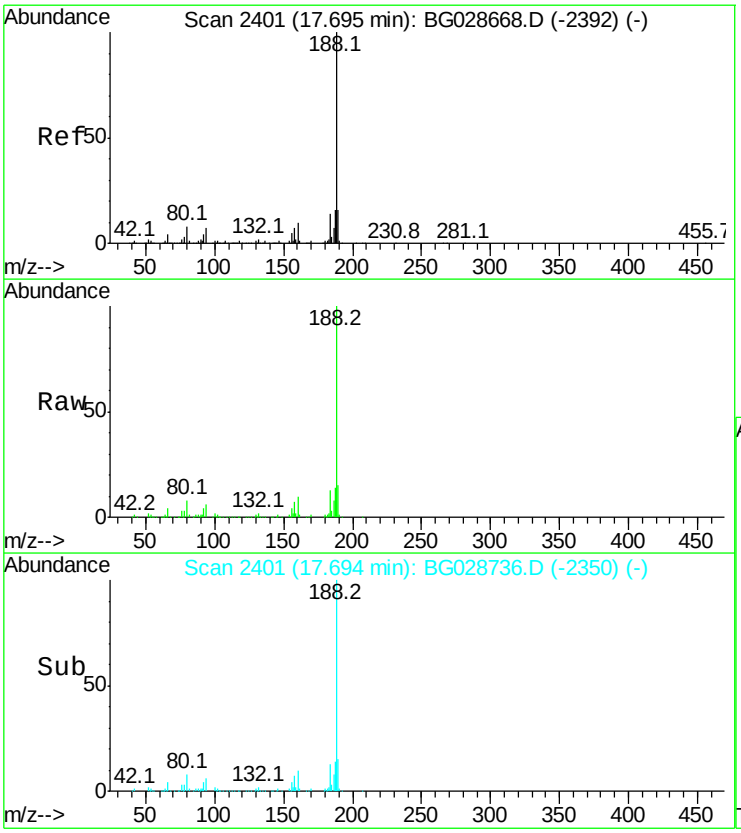

#49
Dimethylphthalate
Concen: 6.181 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Tgt Ion:163 Resp: 39841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.9 | 3.8 | 5.6 |
| 164 | 11.7 | 9.3 | 13.9 |

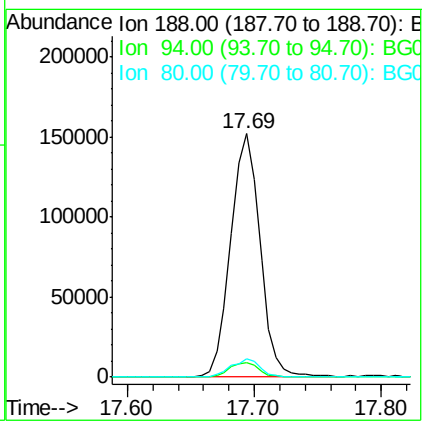


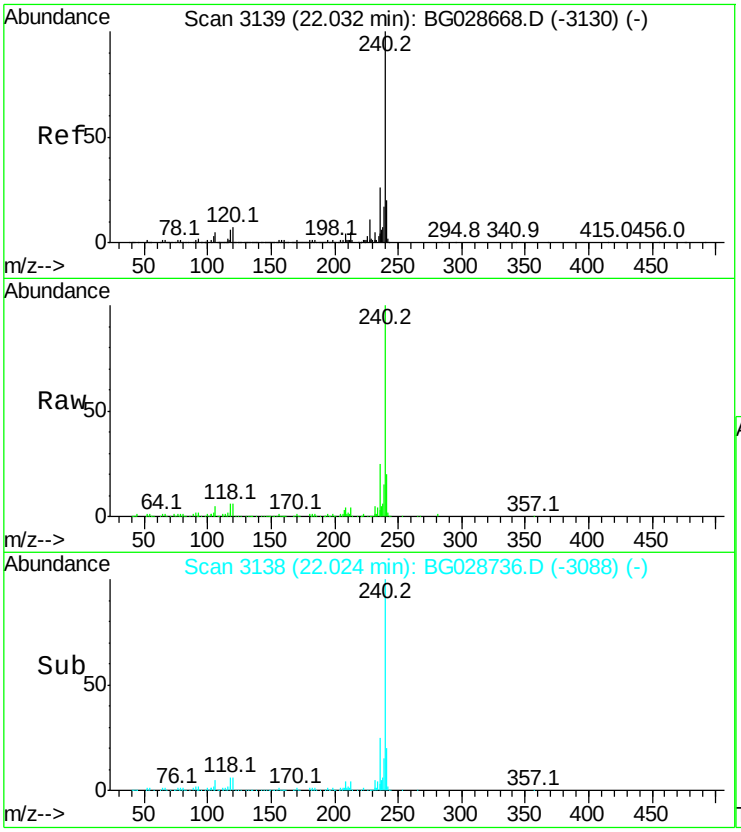




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:188 Resp: 243888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.0 | 5.8 | 8.8 |
| 80 | 7.6 | 7.5 | 11.3 |



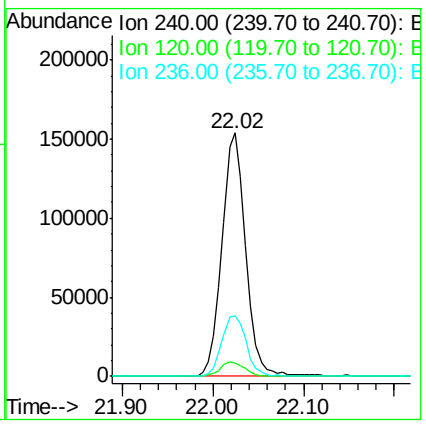


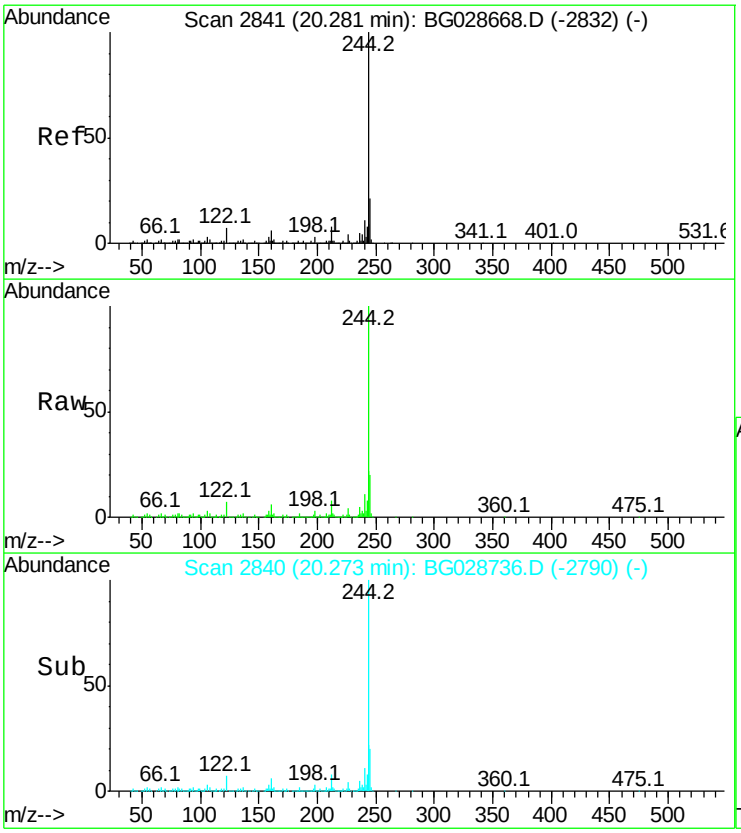

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Tgt Ion:240 Resp: 279899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 5.7 | 8.5# |
| 236 | 24.8 | 22.2 | 33.4 |

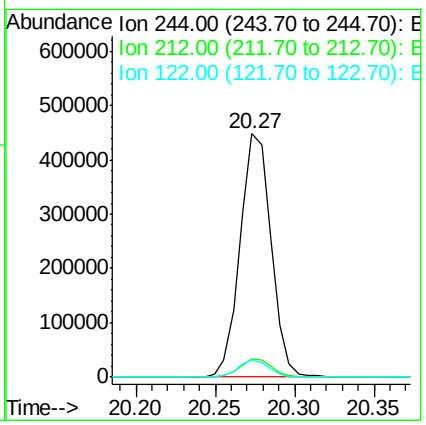


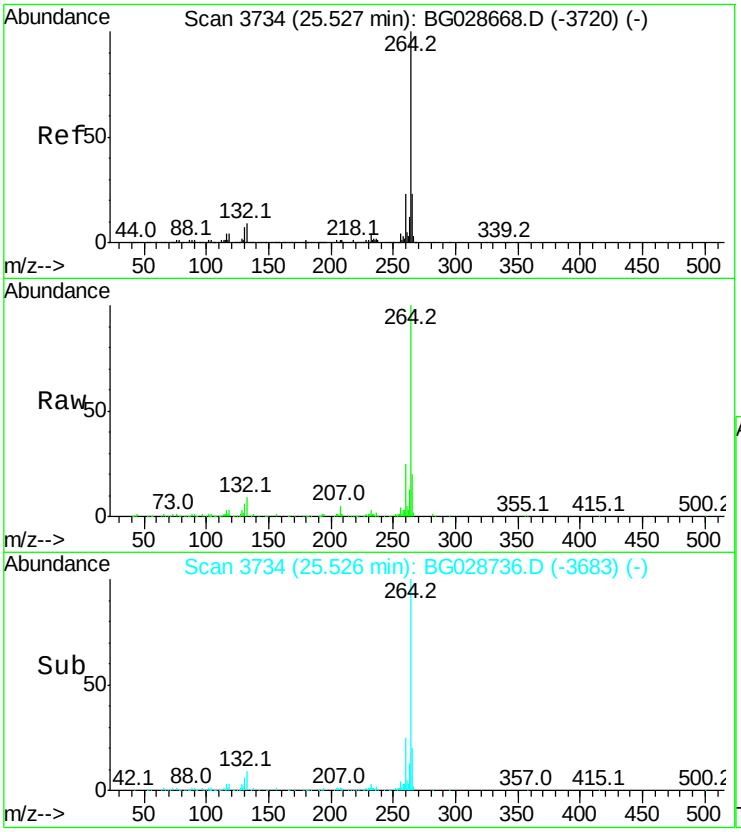




#78
Terphenyl-d14
Concen: 46.374 ng
RT: 20.27 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:244 Resp: 608664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 10.0 | 15.0# |
| 122 | 7.1 | 8.6 | 12.8# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

**Instrument :**
BNA_G
**ClientSampleId :**
20170606-COMP-C

Tgt Ion:264 Resp: 284017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 21.8 | 32.8 |
| 265 | 20.4 | 18.2 | 27.4 |