Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031340.D
Acq On : 2 Dec 2017 5:45
Operator : SJ/JU
Sample : I6300-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** OR-02-112917

Quant Time: Dec 03 22:45:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.13 | 152 | 61490 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.94 | 136 | 257449 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 14.75 | 164 | 166547 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 17.49 | 188 | 464234 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 21.77 | 240 | 550975 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 25.06 | 264 | 528403 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.69 | 112 | 448161 | 124.98 | ng | | -0.02 |
| 7) Phenol-d6 | 7.30 | 99 | 514229 | 106.44 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.30 | 82 | 372264 | 85.68 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 314124 | 116.59 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 13.37 | 172 | 1044273 | 90.10 | ng | | -0.03 |
| 78) Terphenyl-d14 | 20.08 | 244 | 2132870 | 85.48 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 11.00 | 128 | 110922 | 8.76 | ng | | 98 |
| 33) 4-Chloroaniline | 11.00 | 127 | 15257 | 2.75 | ng | # | 32 |

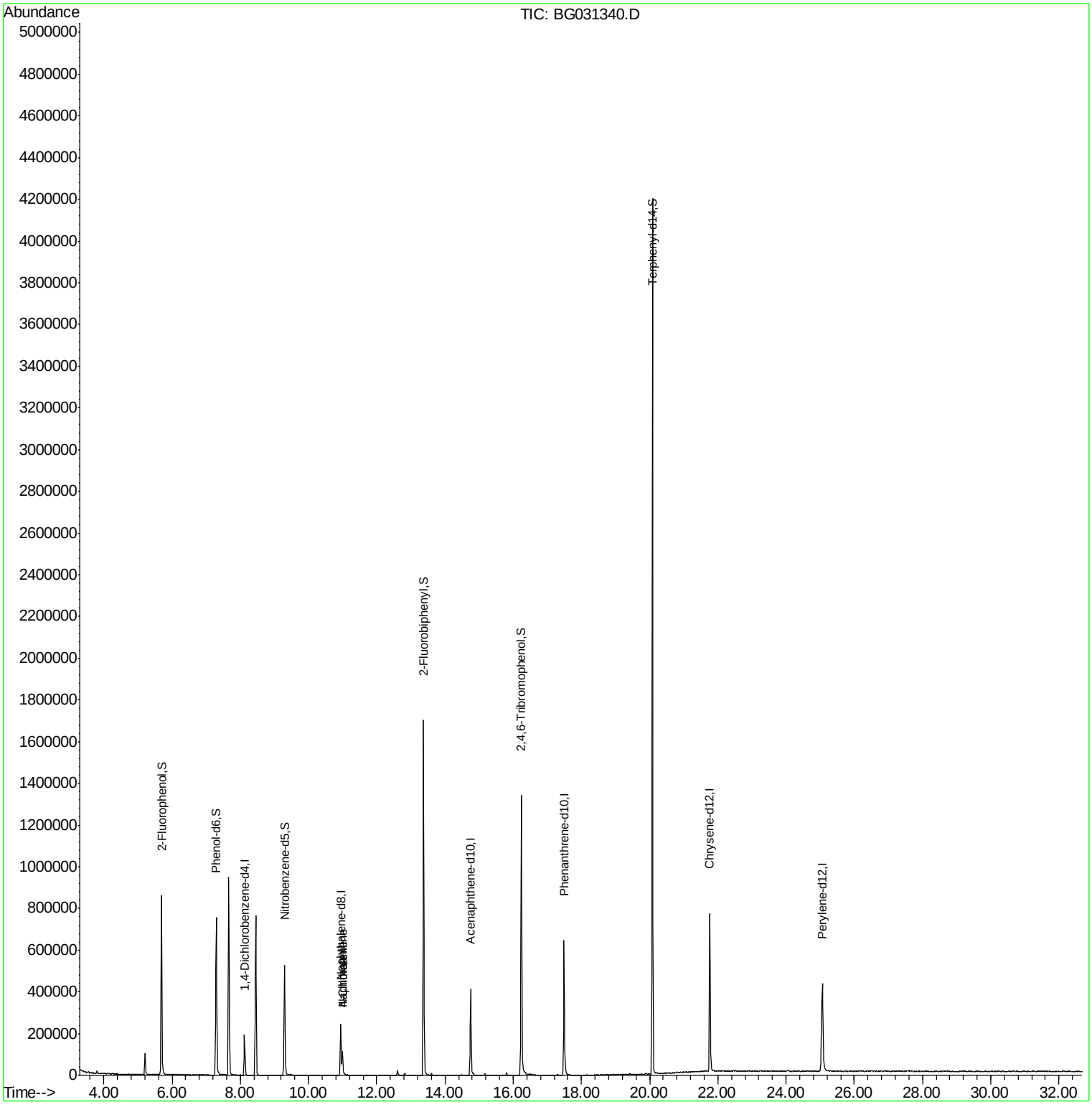
(#) = qualifier out of range (m) = manual integration (+) = signals summed

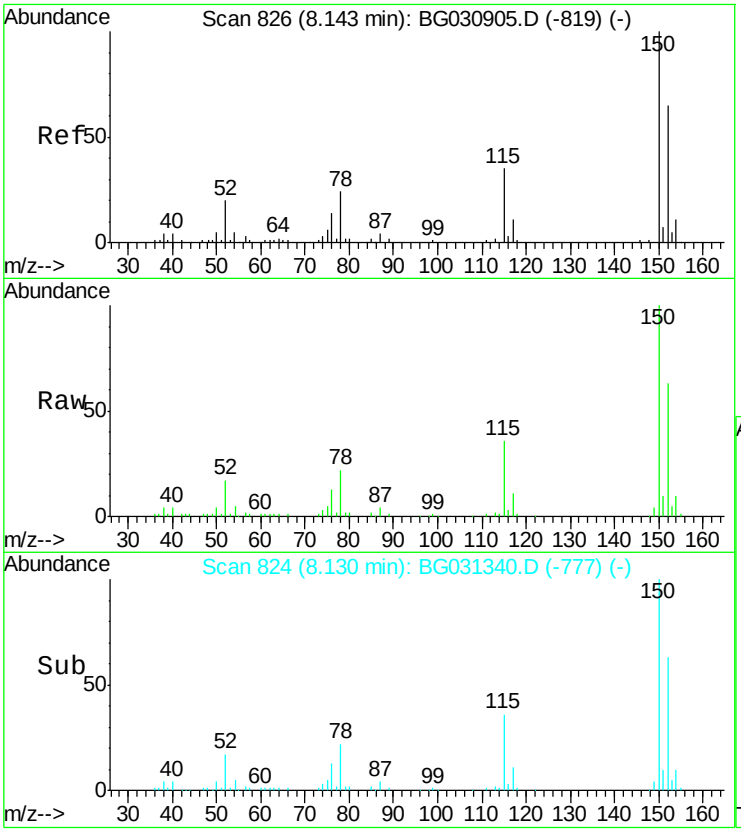
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031340.D
Acq On : 2 Dec 2017 5:45
Operator : SJ/JU
Sample : I6300-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-02-112917

Quant Time: Dec 03 22:45:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration



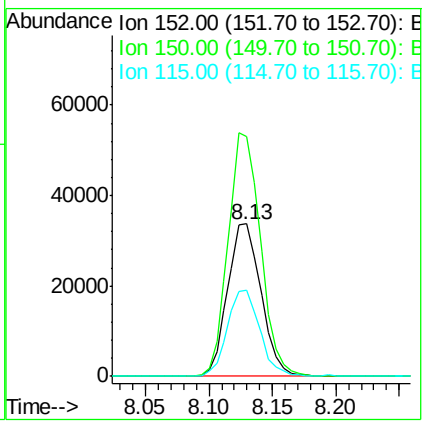


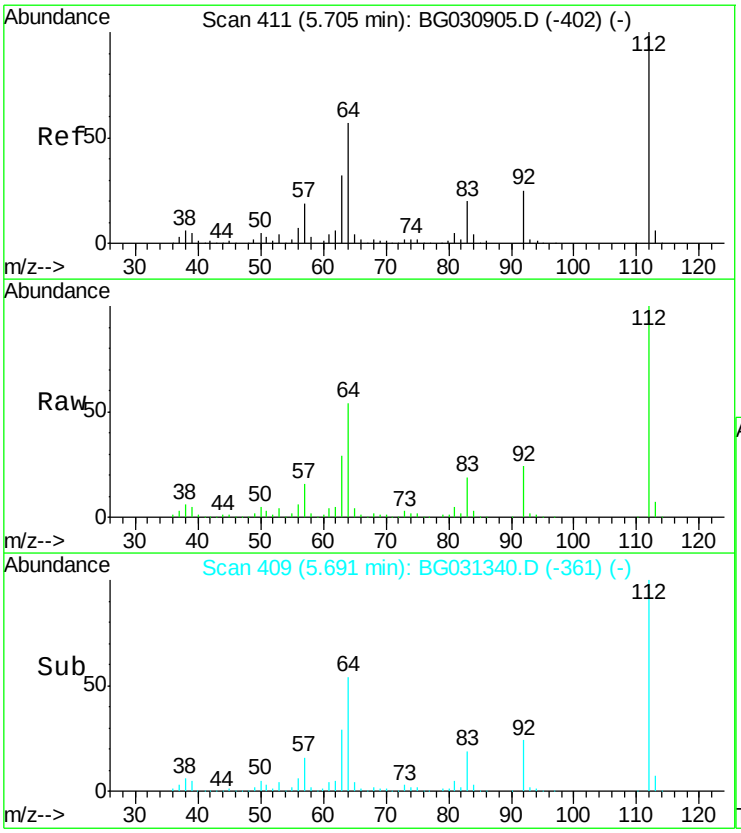

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

**Instrument :**
BNA_G
**ClientSampleId :**
OR-02-112917

Tgt Ion:152 Resp: 61490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.6 | 126.6 | 189.8 |
| 115 | 56.8 | 53.0 | 79.4 |

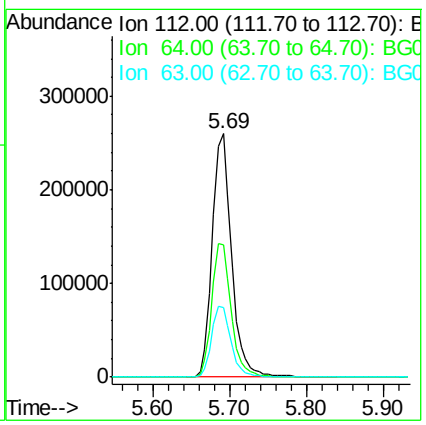


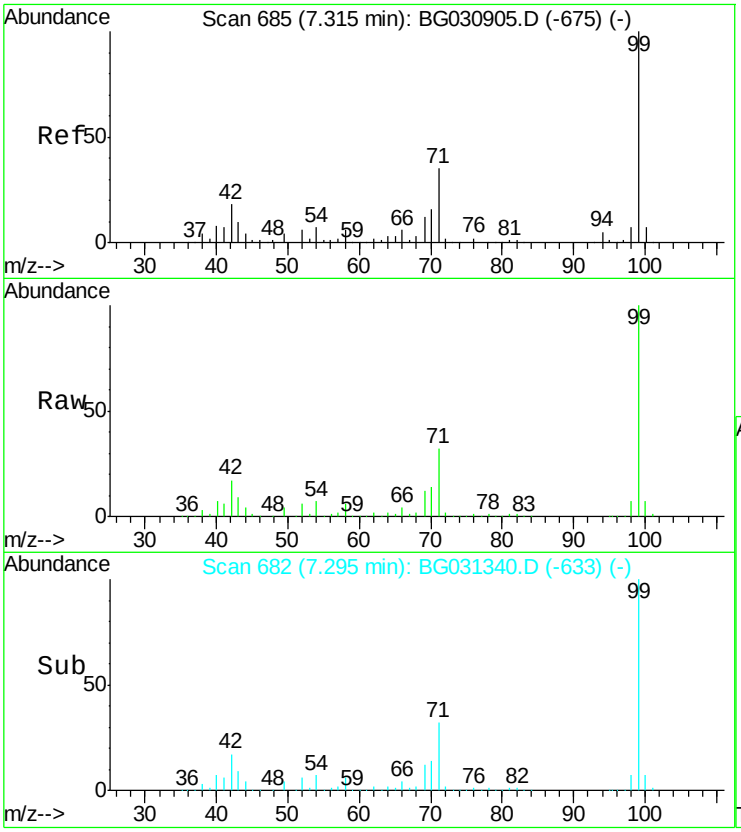




#5
2-Fluorophenol
Concen: 124.98 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:112 Resp: 448161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.2 | 56.3 | 84.5# |
| 63 | 28.6 | 30.1 | 45.1# |



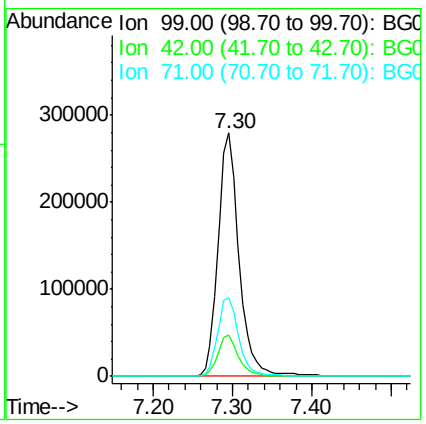


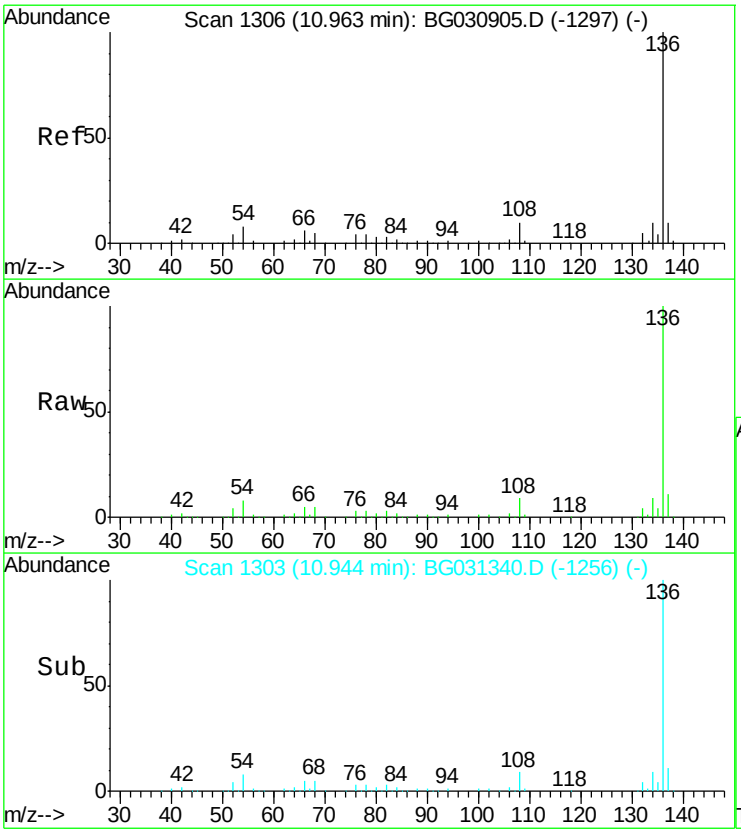

#7
Phenol-d6
Concen: 106.44 ng
RT: 7.30 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

**Instrument :**
BNA_G
**ClientSampleId :**
OR-02-112917

Tgt Ion: 99 Resp: 514229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 14.1 | 21.1 |
| 71 | 32.3 | 26.1 | 39.1 |

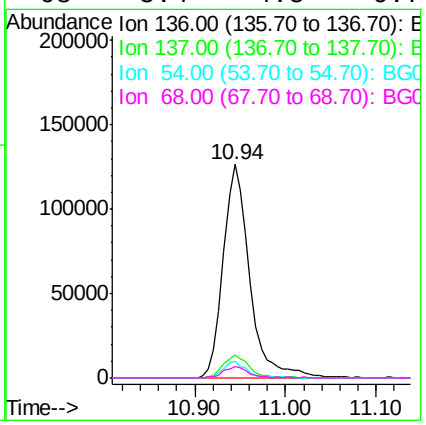


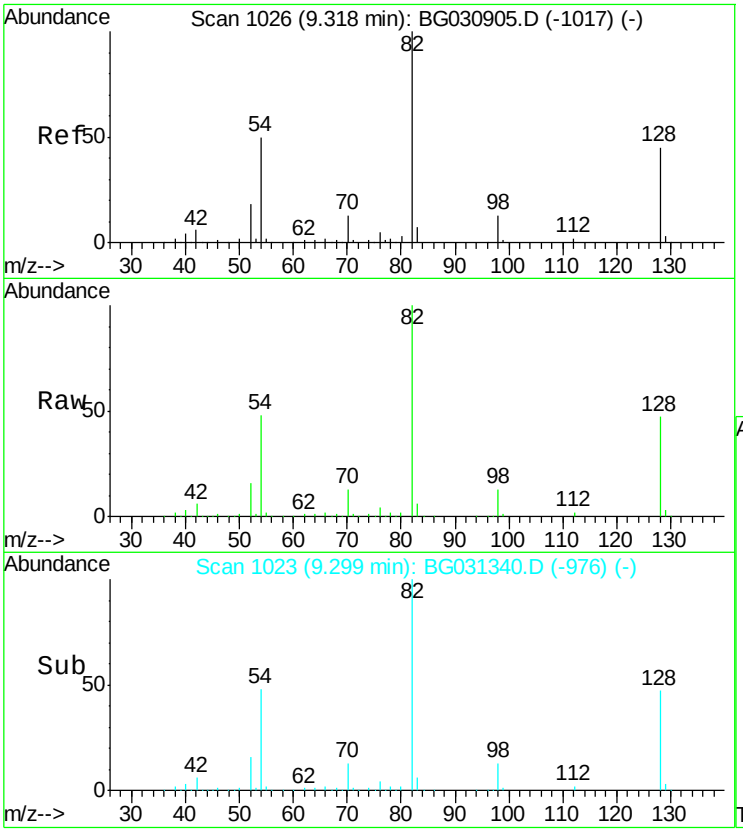




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:136 Resp: 257449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 9.2 | 13.8 |
| 54 | 7.9 | 10.3 | 15.5# |
| 68 | 5.4 | 4.5 | 6.7 |



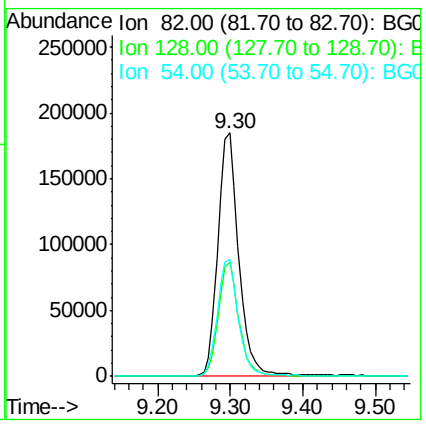


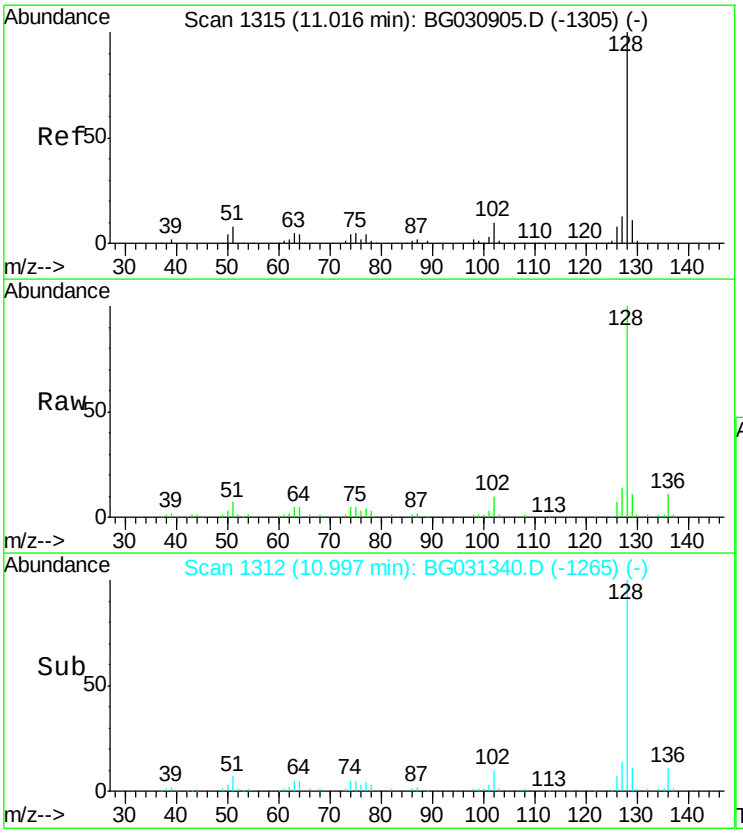

#23
Nitrobenzene-d5
Concen: 85.68 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

**Instrument :**
BNA_G
**ClientSampleId :**
OR-02-112917

Tgt Ion: 82 Resp: 372264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.9 | 29.7 | 44.5# |
| 54 | 48.1 | 43.1 | 64.7 |

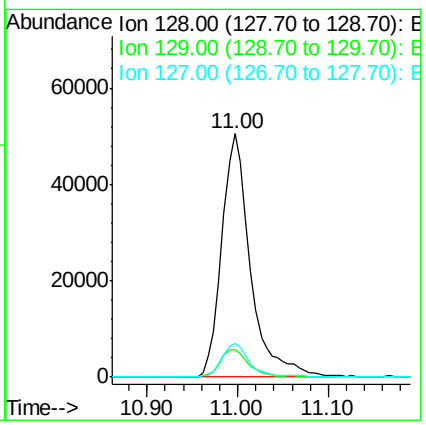


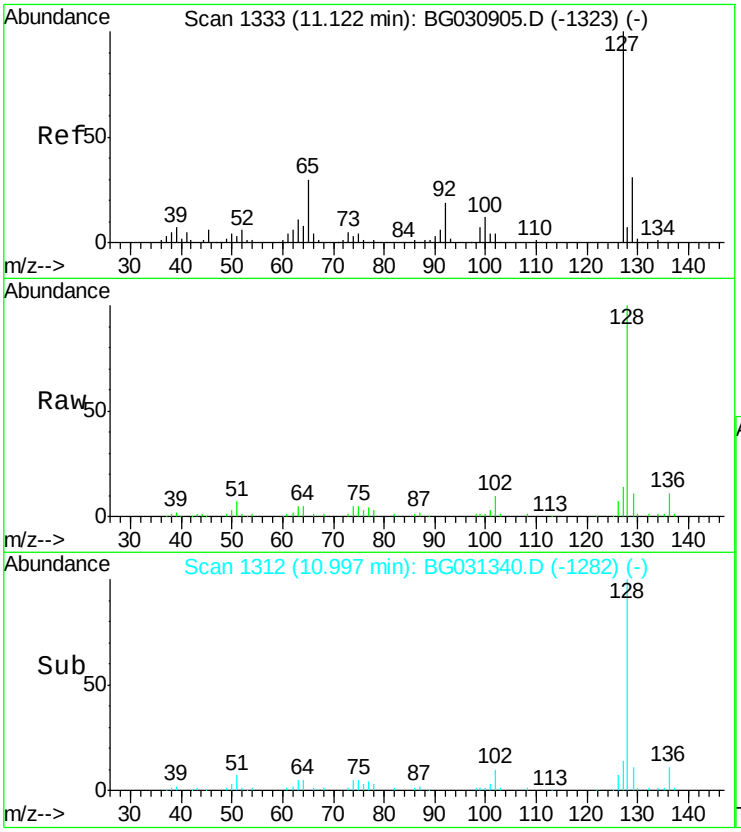




#31
Naphthalene
Concen: 8.76 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:128 Resp: 110922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.6 | 12.8 |
| 127 | 13.8 | 11.6 | 17.4 |



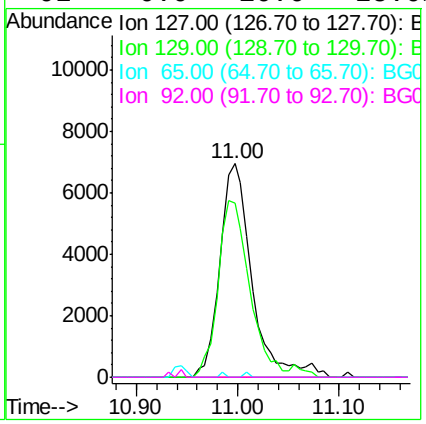


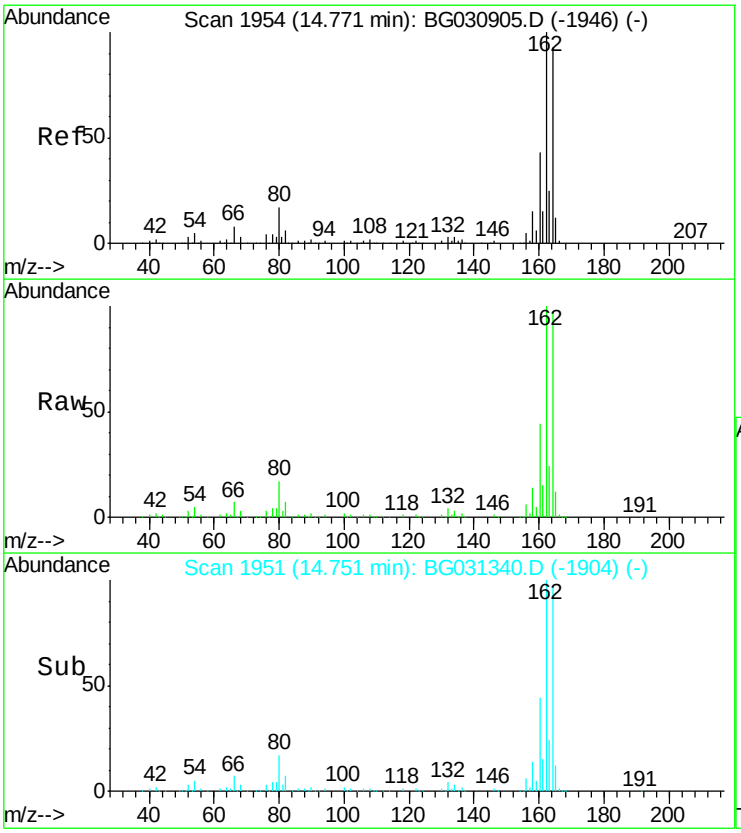

#33
4-Chloroaniline
Concen: 2.75 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.12 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

**Instrument :**
BNA_G
**ClientSampleId :**
OR-02-112917

Tgt Ion:127 Resp: 15257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 81.2 | 24.0 | 36.0# |
| 65 | 0.0 | 27.0 | 40.4# |
| 92 | 0.0 | 16.6 | 25.0# |

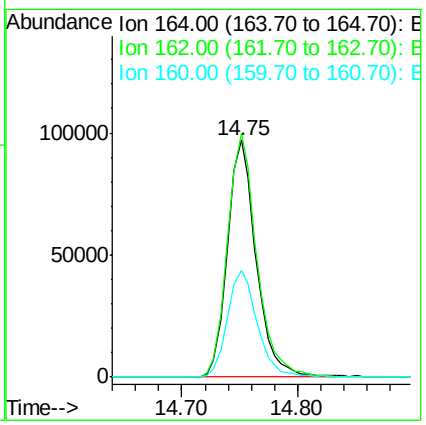


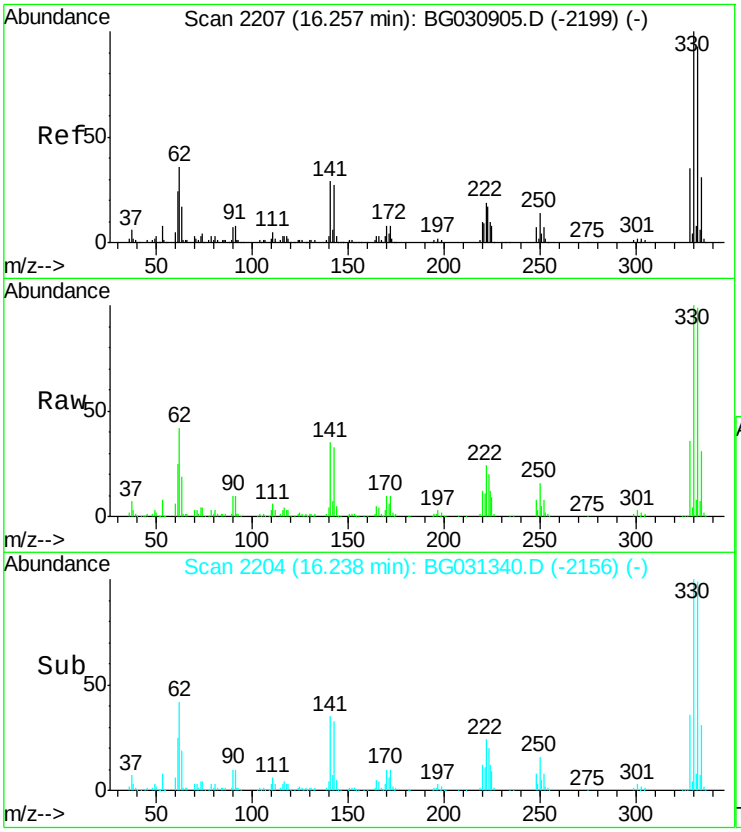




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:164 Resp: 166547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 78.8 | 118.2 |
| 160 | 44.8 | 35.4 | 53.0 |



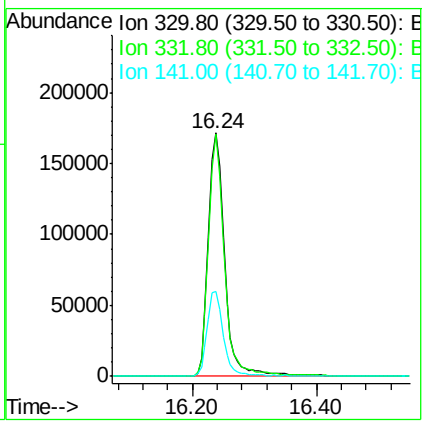


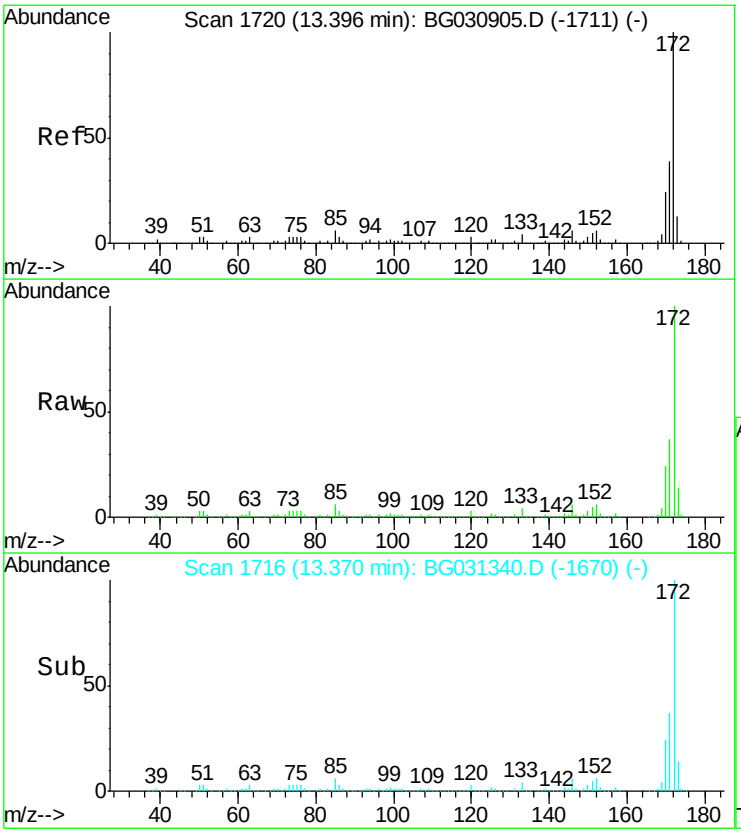

#41
2,4,6-Tribromophenol
Concen: 116.59 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

**Instrument :**
BNA_G
**ClientSampleId :**
OR-02-112917

Tgt Ion:330 Resp: 314124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.9 | 77.0 | 115.6 |
| 141 | 33.6 | 25.2 | 37.8 |

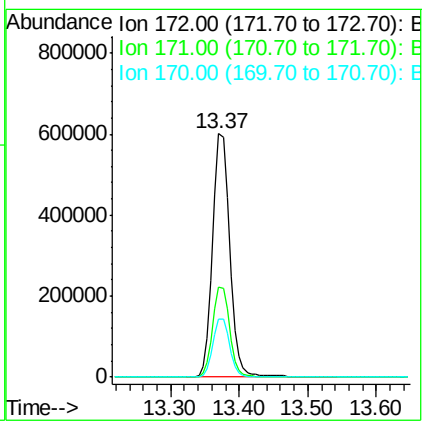


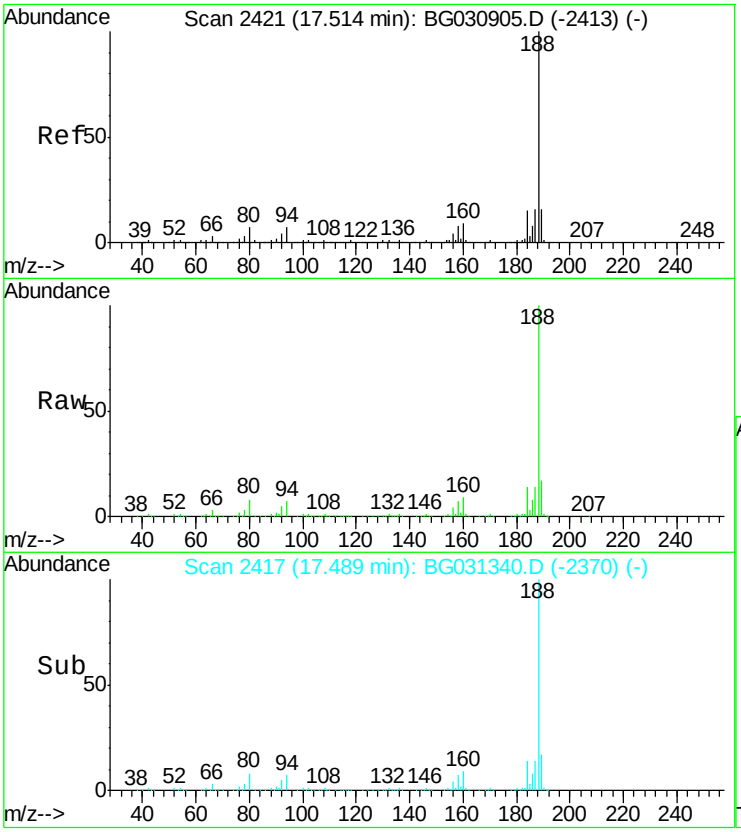




#44
2-Fluorobiphenyl
Concen: 90.10 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:172 Resp: 1044273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 30.0 | 45.0 |
| 170 | 24.1 | 19.5 | 29.3 |



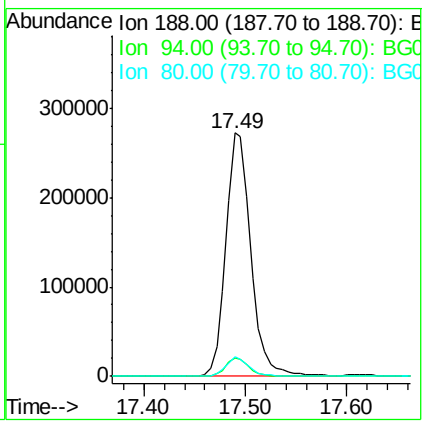


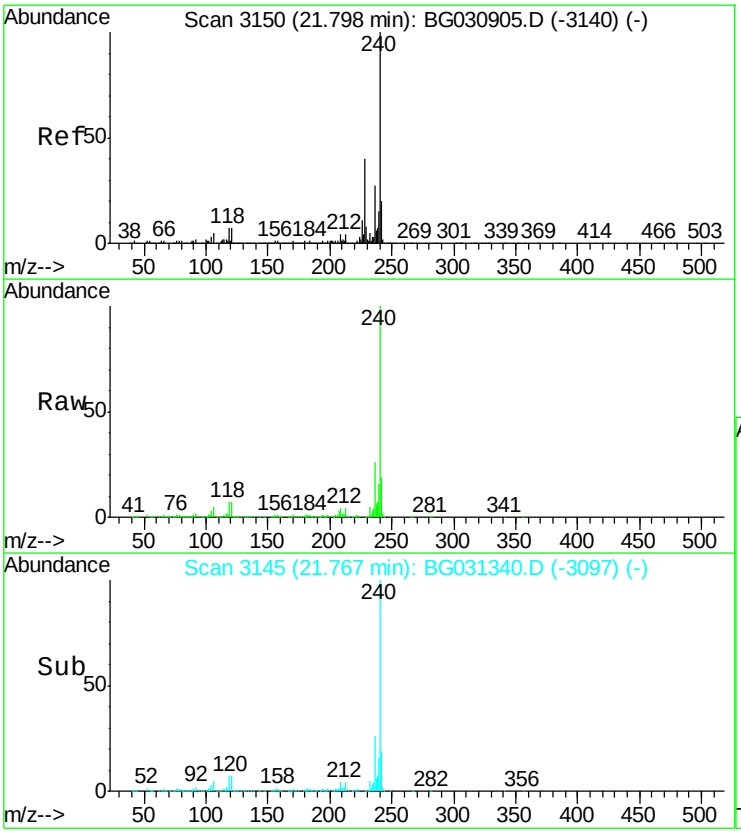

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

**Instrument :**
BNA_G
**ClientSampleId :**
OR-02-112917

Tgt Ion:188 Resp: 464234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.5 | 6.9 | 10.3 |
| 80 | 8.0 | 7.7 | 11.5 |

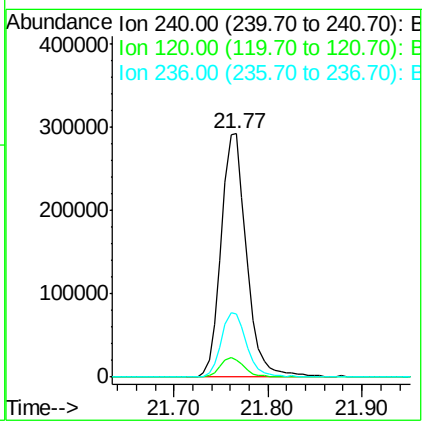


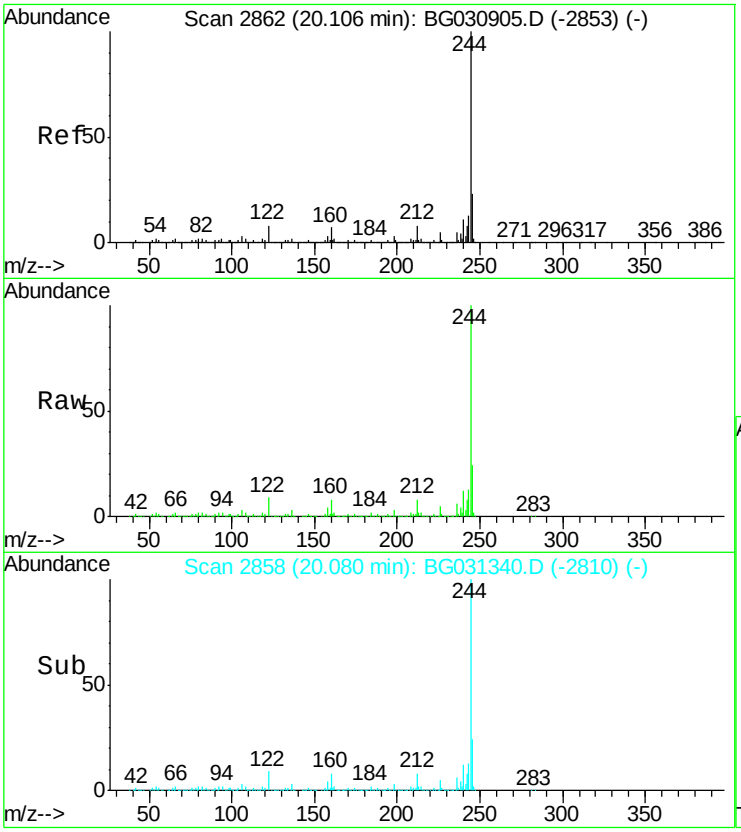




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:240 Resp: 550975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.1 | 6.8 | 10.2 |
| 236 | 25.9 | 20.9 | 31.3 |



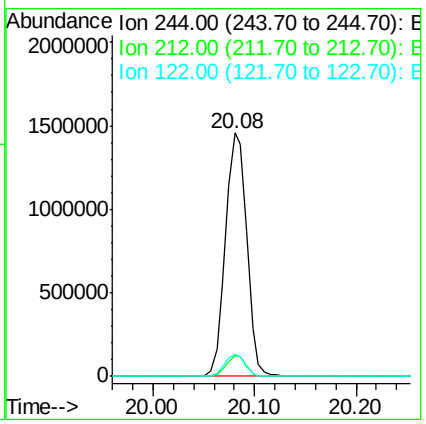


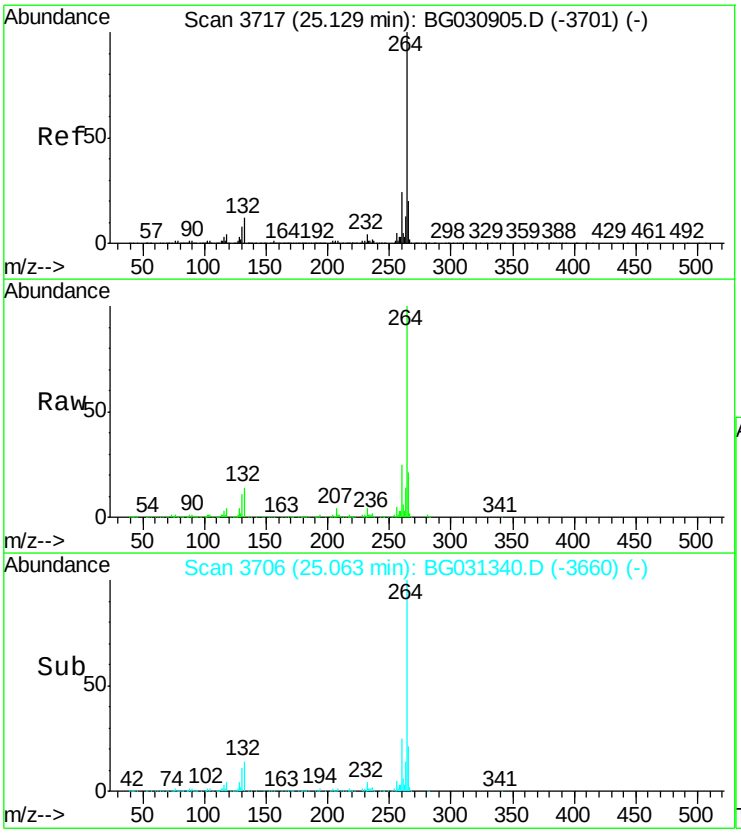

#78
Terphenyl-d14
Concen: 85.48 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

**Instrument :**
BNA_G
**ClientSampleId :**
OR-02-112917

Tgt Ion:244 Resp: 2132870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 5.8 | 8.8 |
| 122 | 8.9 | 7.0 | 10.4 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:264 Resp: 528403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 17.4 | 26.0 |
| 265 | 21.3 | 17.7 | 26.5 |