Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG120717\
Data File : BG031410.D
Acq On : 7 Dec 2017 22:19
Operator : SJ/JU
Sample : I6765-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :**

Quant Time: Dec 08 02:53:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 51866 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.94 | 136 | 215974 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.75 | 164 | 151504 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.49 | 188 | 451143 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.77 | 240 | 506574 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 25.06 | 264 | 492212 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.68 | 112 | 444082 | 146.82 | ng | 0.00 |
| 7) Phenol-d6 | 7.29 | 99 | 585590 | 143.71 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.29 | 82 | 339072 | 93.03 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 280244 | 114.35 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.37 | 172 | 819387 | 77.71 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.08 | 244 | 1497413 | 65.27 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.32 | 94 | 29192 | 6.898 | ng | 91 |
| 49) Dimethylphthalate | 14.20 | 163 | 39846 | 3.042 | ng | 98 |

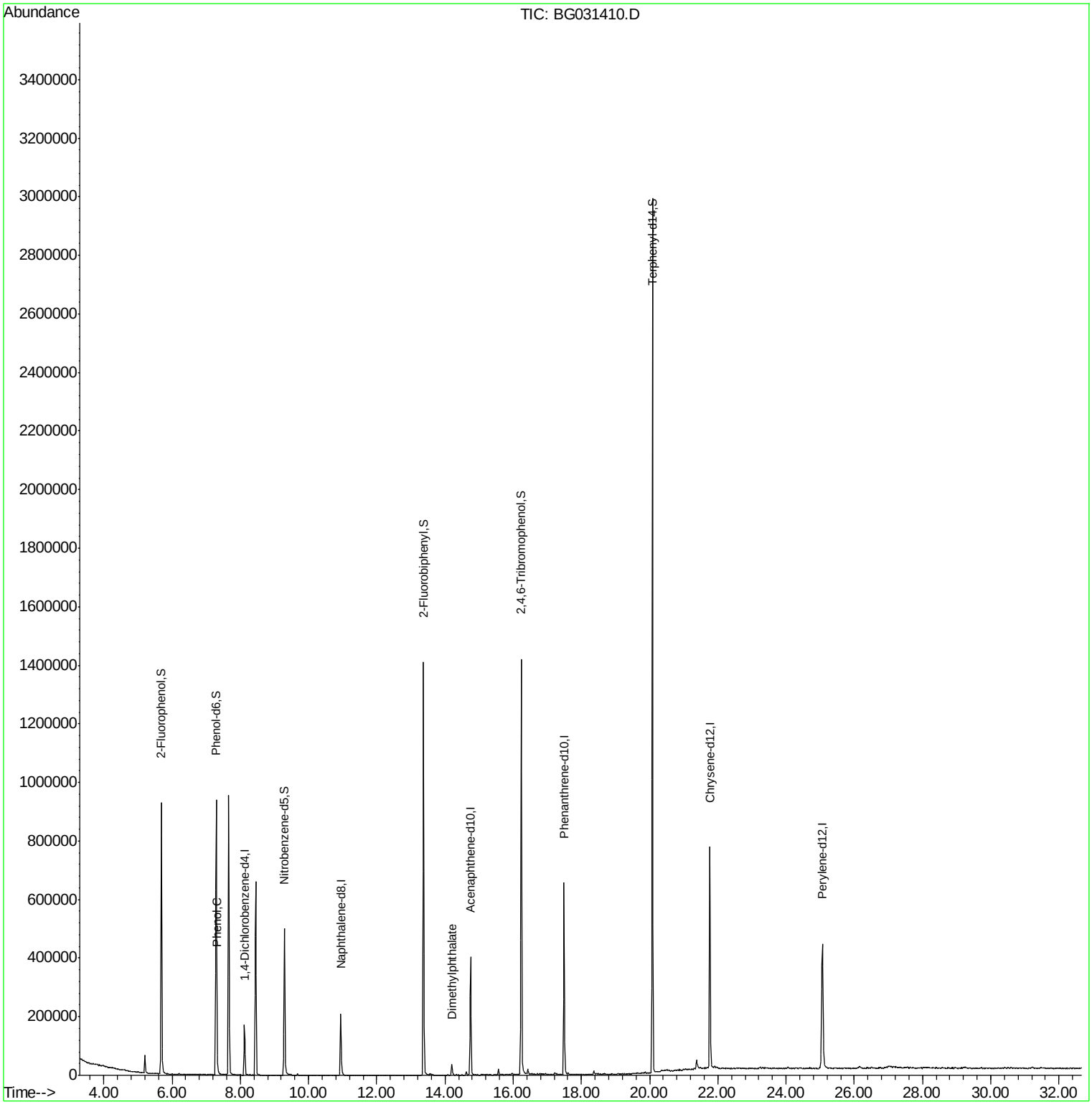
(#) = qualifier out of range (m) = manual integration (+) = signals summed

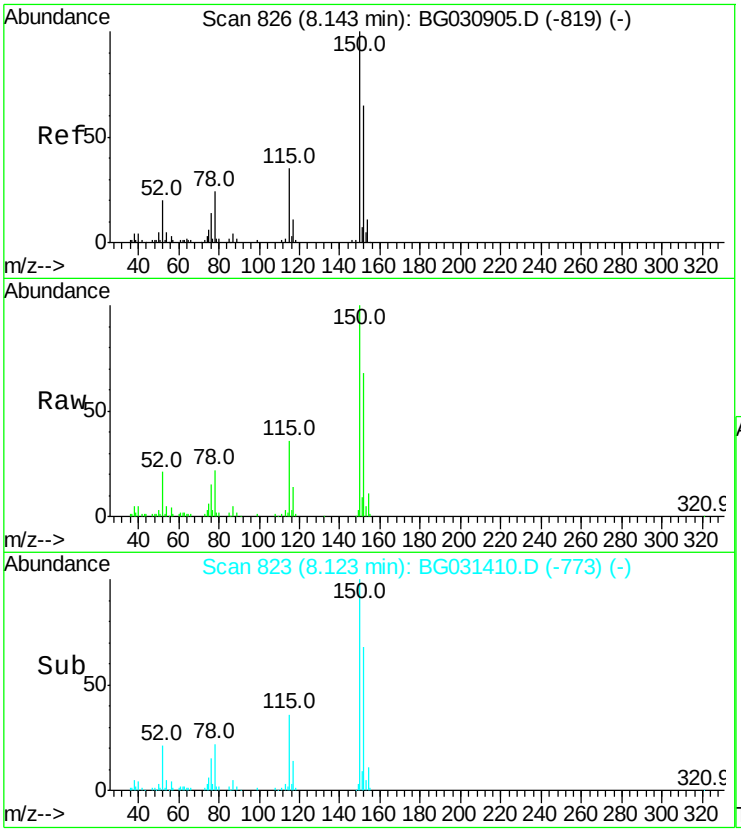
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG120717\
Data File : BG031410.D
Acq On : 7 Dec 2017 22:19
Operator : SJ/JU
Sample : I6765-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**

Quant Time: Dec 08 02:53:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration



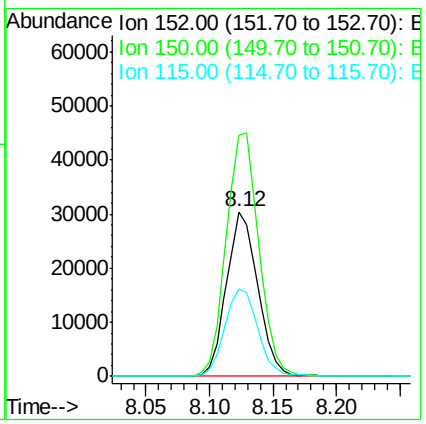


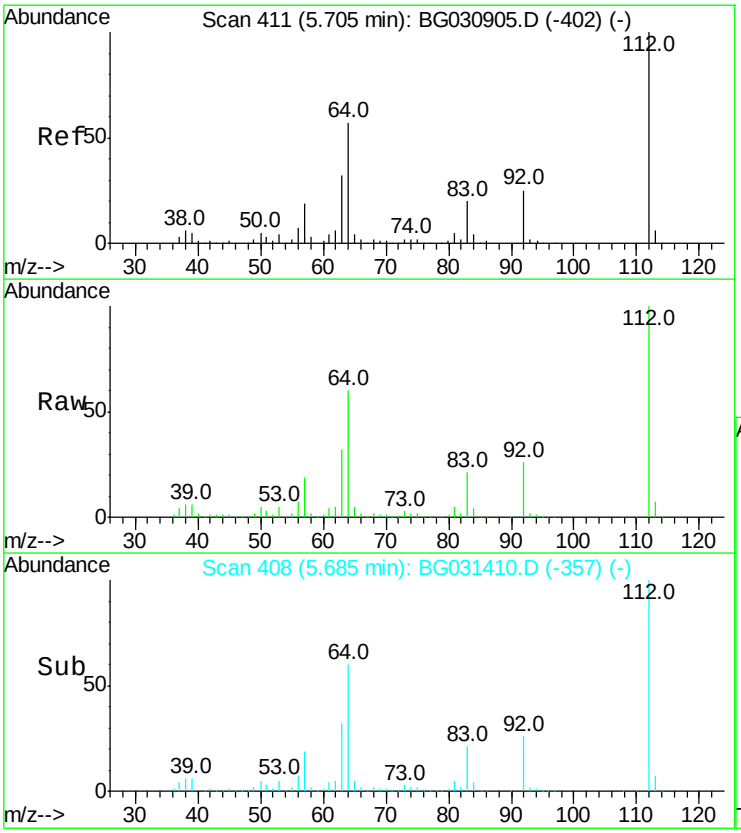

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:152 Resp: 51866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 146.7 | 126.6 | 189.8 |
| 115 | 53.1 | 53.0 | 79.4 |

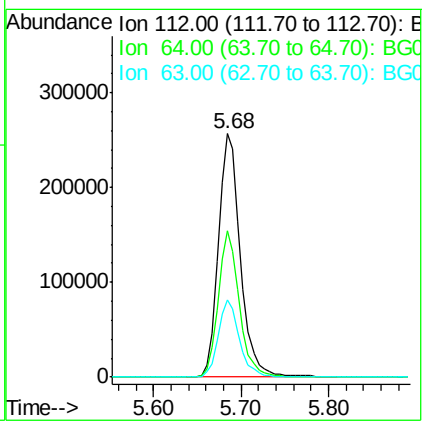


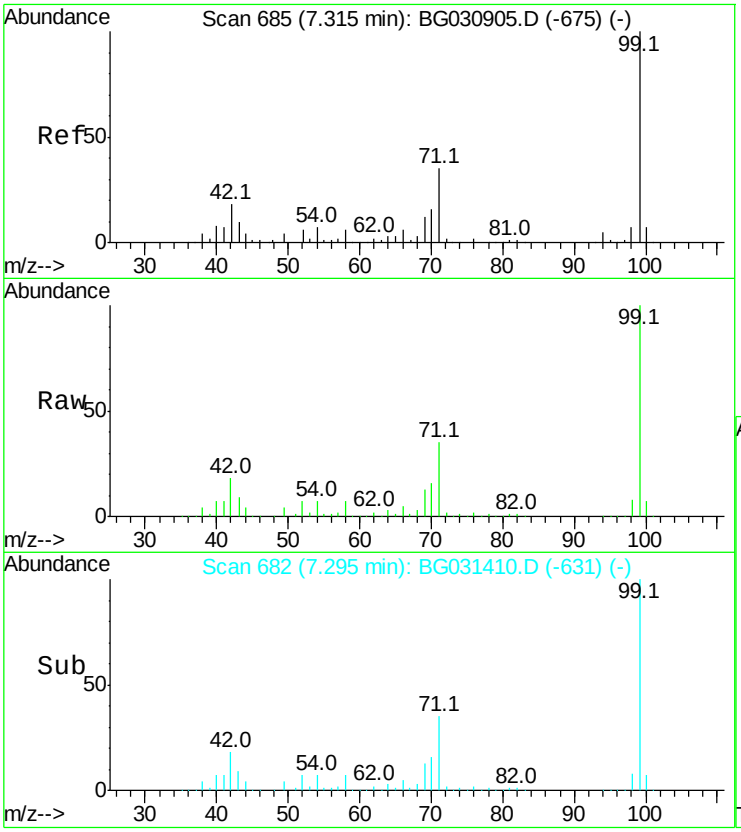




#5
2-Fluorophenol
Concen: 146.819 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion:112 Resp: 444082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.2 | 56.3 | 84.5 |
| 63 | 31.9 | 30.1 | 45.1 |



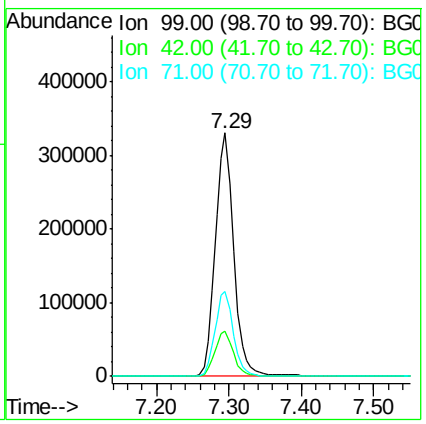


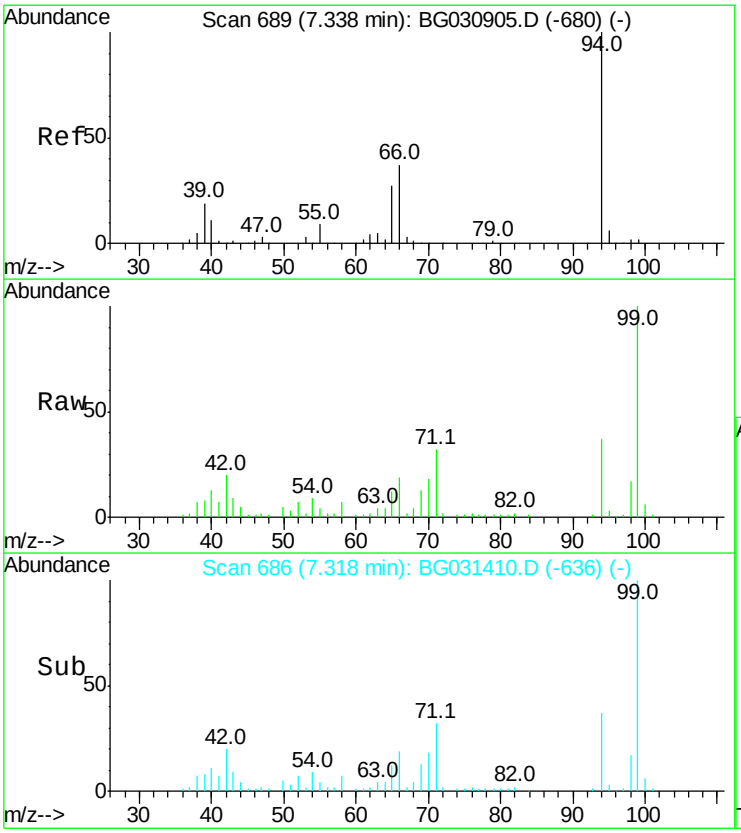

#7
Phenol-d6
Concen: 143.706 ng
RT: 7.29 min Scan# 682
Delta R.T. 0.00 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 99 Resp: 585590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.4 | 14.1 | 21.1 |
| 71 | 34.7 | 26.1 | 39.1 |

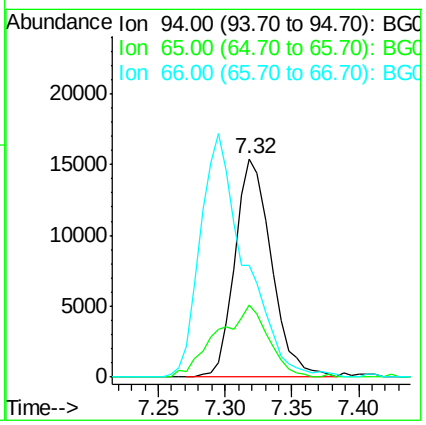


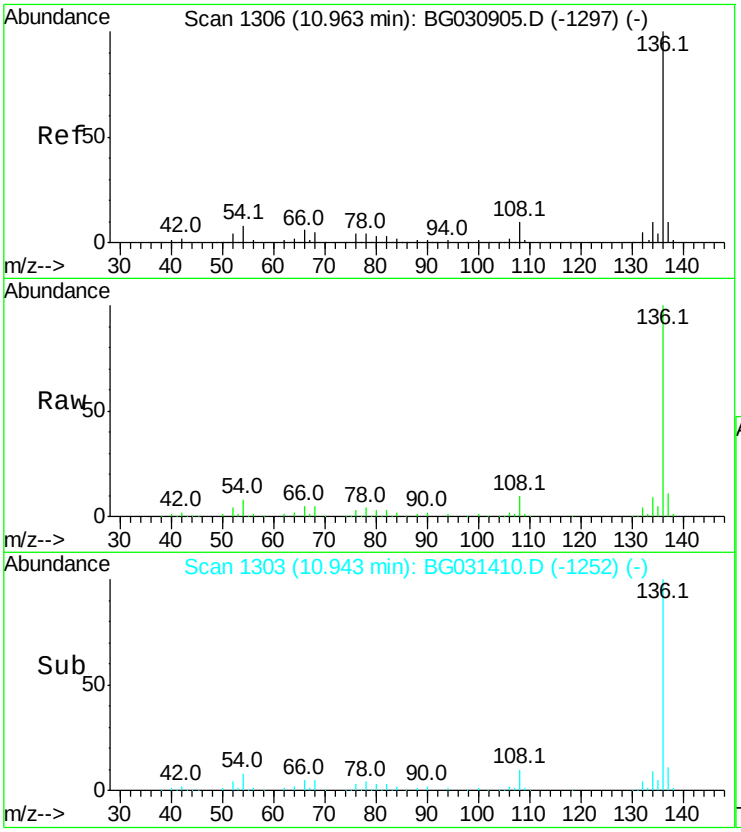




#10
Phenol
Concen: 6.898 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion: 94 Resp: 29192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.2 | 11.9 | 51.9 |
| 66 | 51.0 | 22.2 | 62.2 |



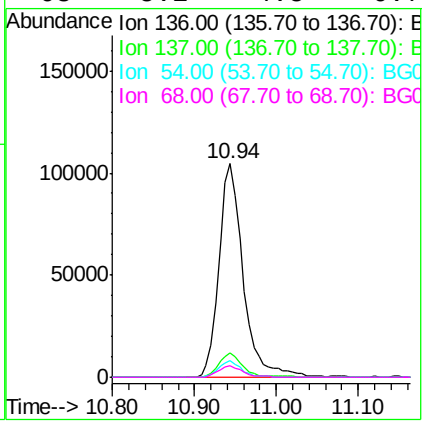


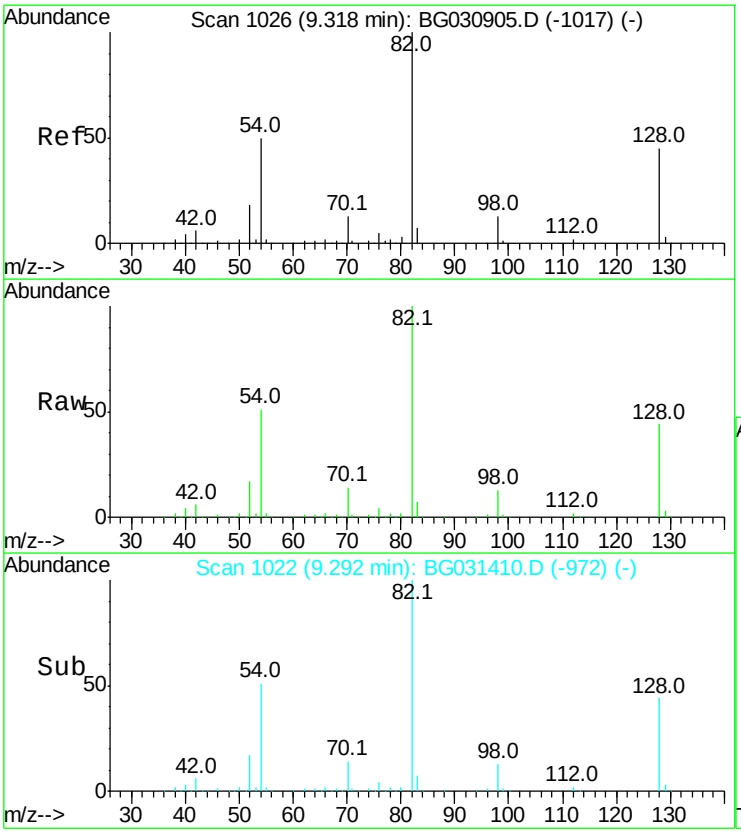

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:136 Resp: 215974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.2 | 13.8 |
| 54 | 8.0 | 10.3 | 15.5# |
| 68 | 5.2 | 4.5 | 6.7 |

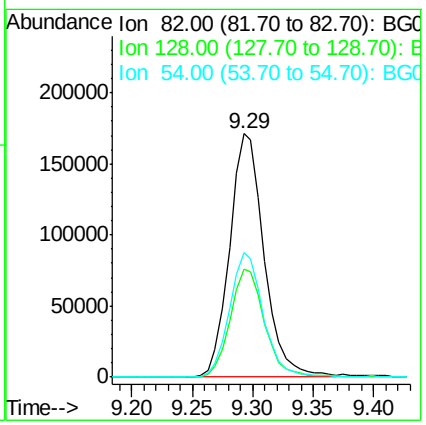


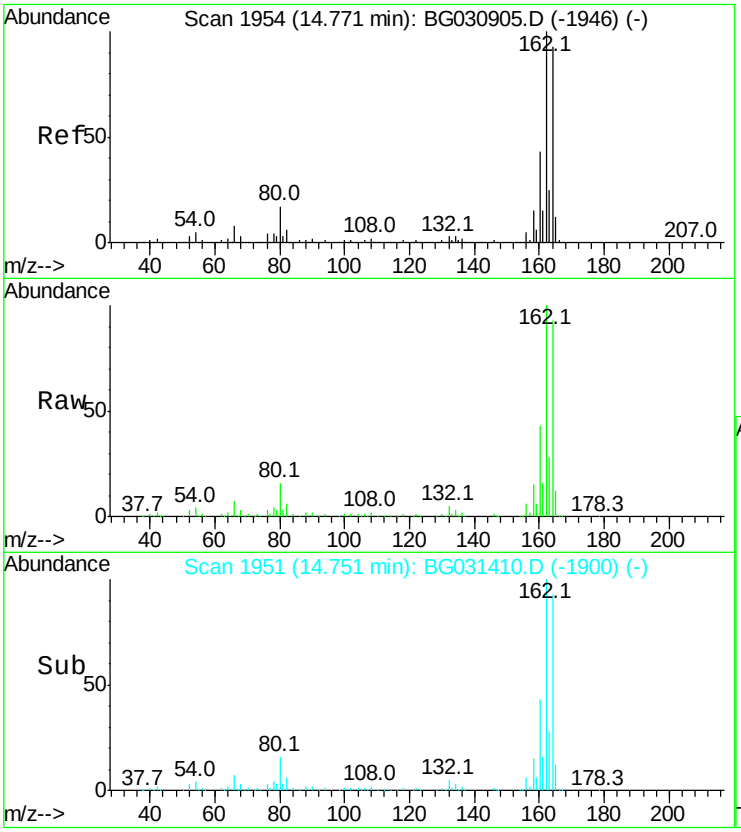




#23
Nitrobenzene-d5
Concen: 93.030 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion: 82 Resp: 339072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.2 | 29.7 | 44.5 |
| 54 | 51.0 | 43.1 | 64.7 |



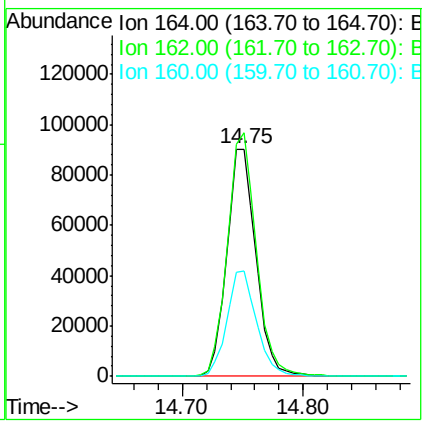


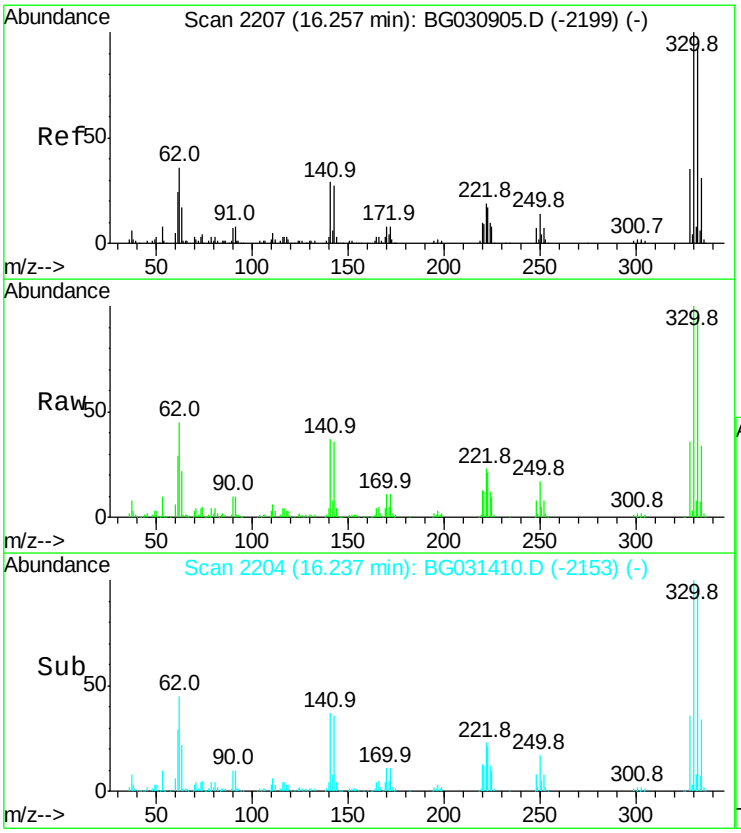

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:164 Resp: 151504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.2 | 78.8 | 118.2 |
| 160 | 46.6 | 35.4 | 53.0 |

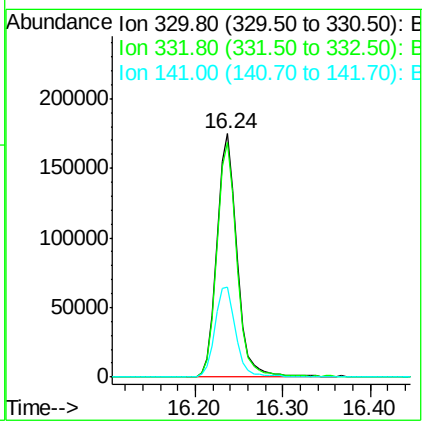


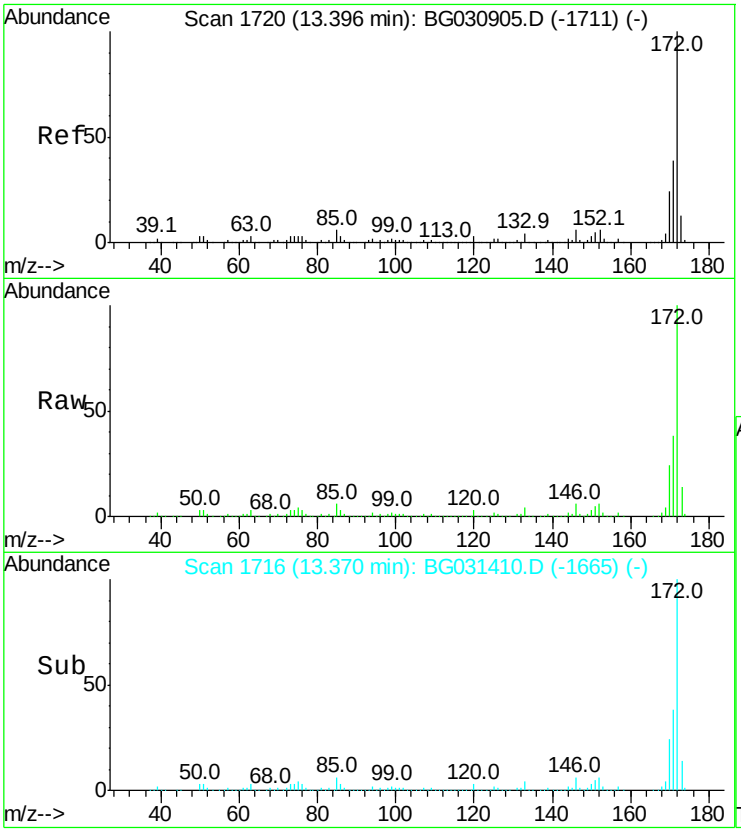




#41
2,4,6-Tribromophenol
Concen: 114.346 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion:330 Resp: 280244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.0 | 115.6 |
| 141 | 38.5 | 25.2 | 37.8# |



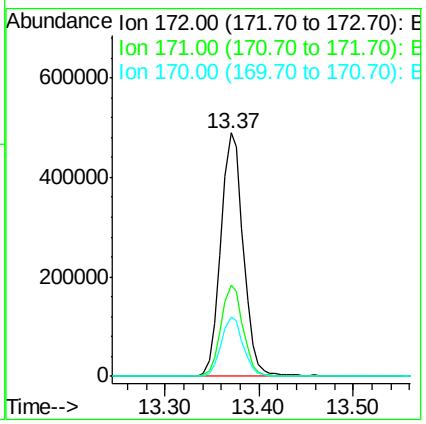


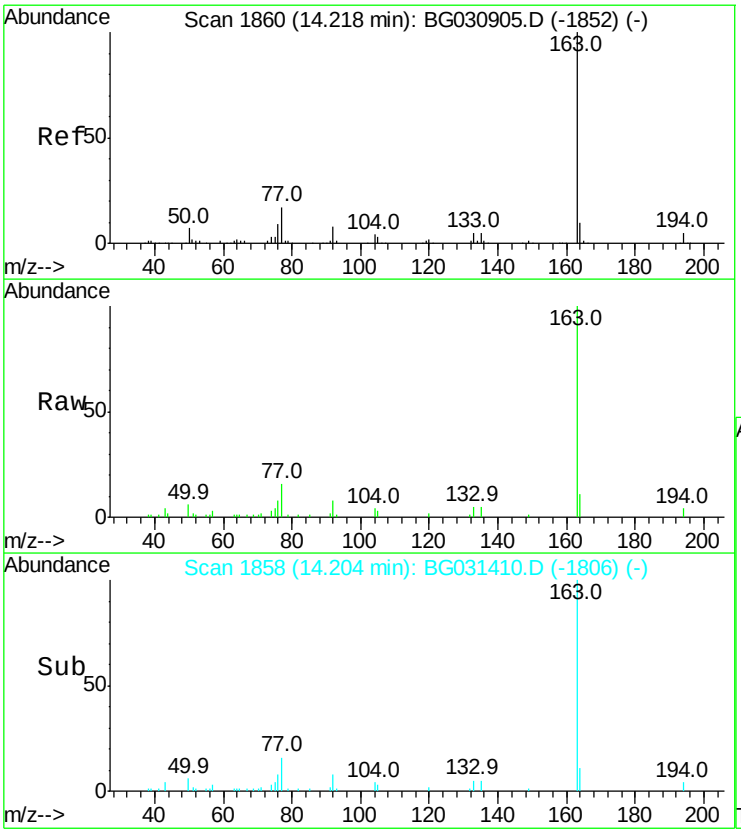

#44
2-Fluorobiphenyl
Concen: 77.712 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:172 Resp: 819387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.7 | 30.0 | 45.0 |
| 170 | 24.4 | 19.5 | 29.3 |

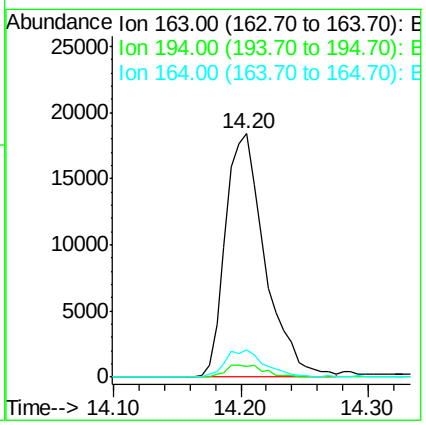


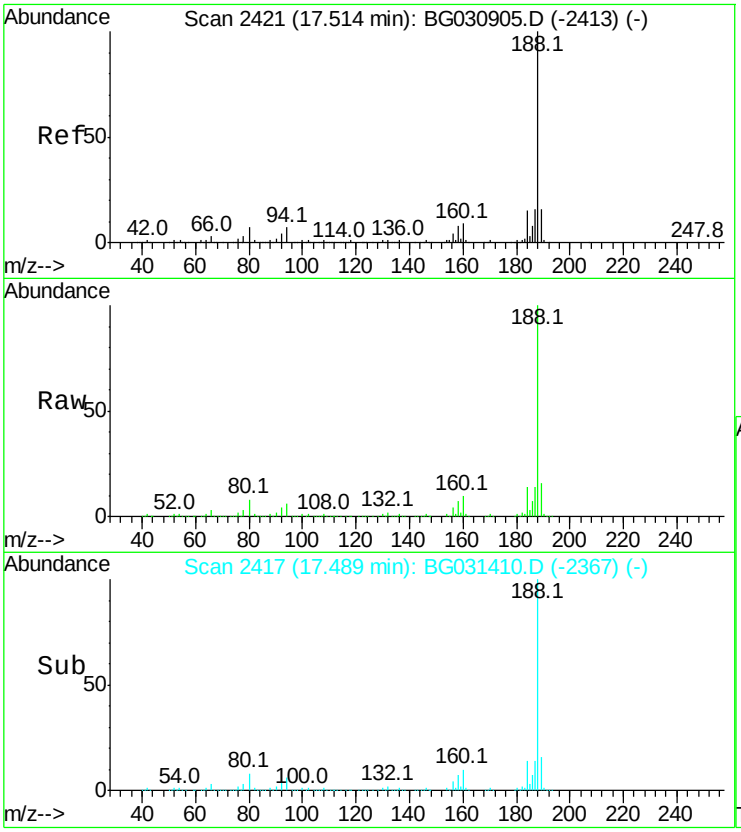




#49
Dimethylphthalate
Concen: 3.042 ng
RT: 14.20 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion:163 Resp: 39846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.4 | 5.2 |
| 164 | 11.2 | 8.2 | 12.4 |



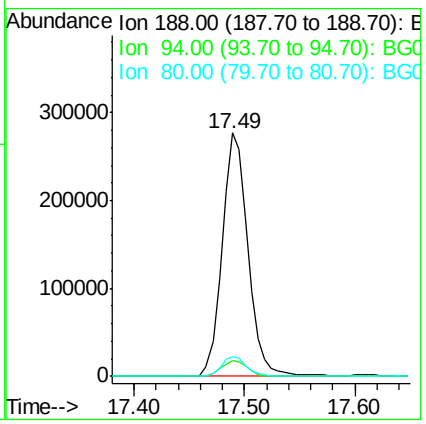


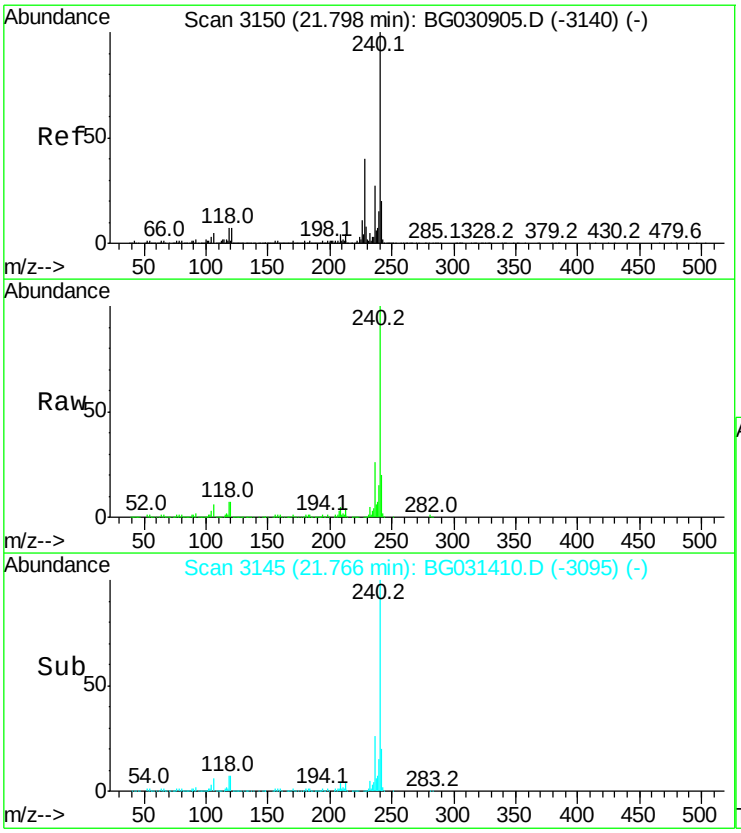

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:188 Resp: 451143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 6.9 | 10.3# |
| 80 | 8.0 | 7.7 | 11.5 |

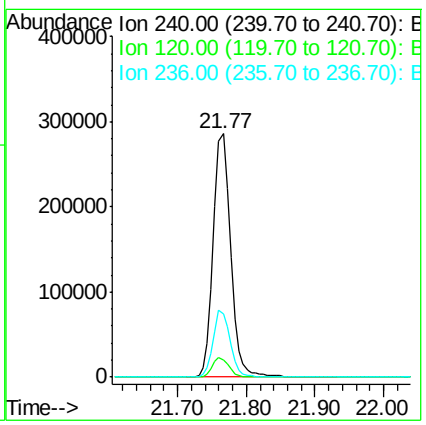


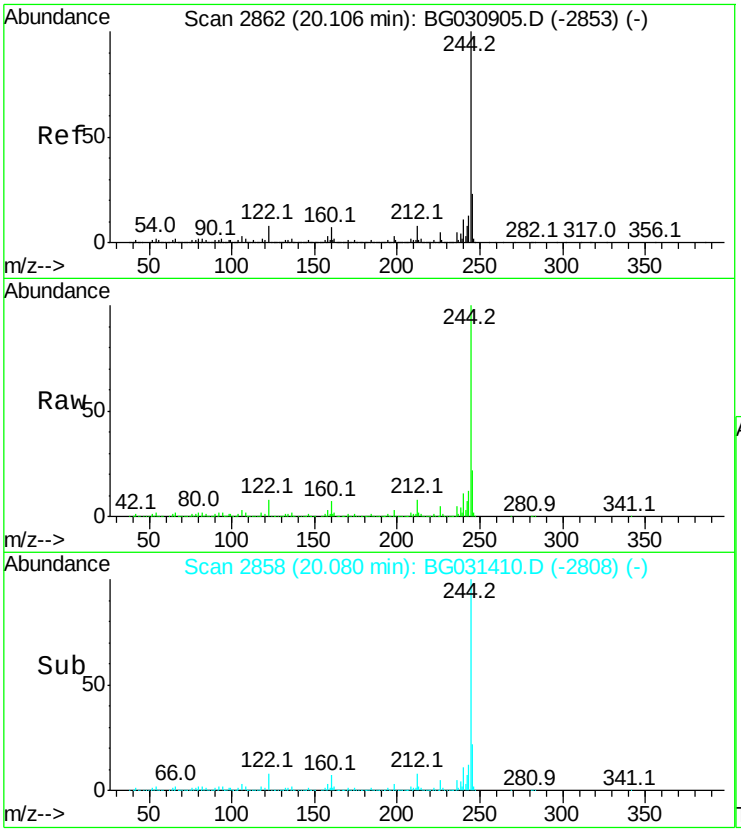




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion:240 Resp: 506574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.0 | 6.8 | 10.2 |
| 236 | 25.9 | 20.9 | 31.3 |



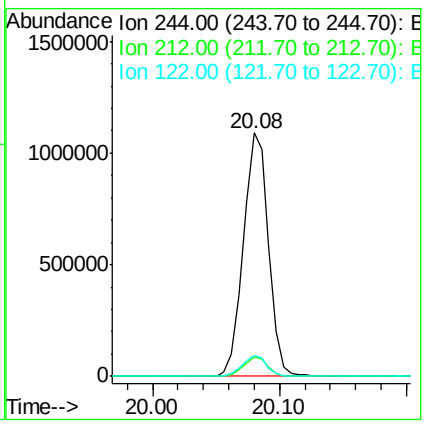


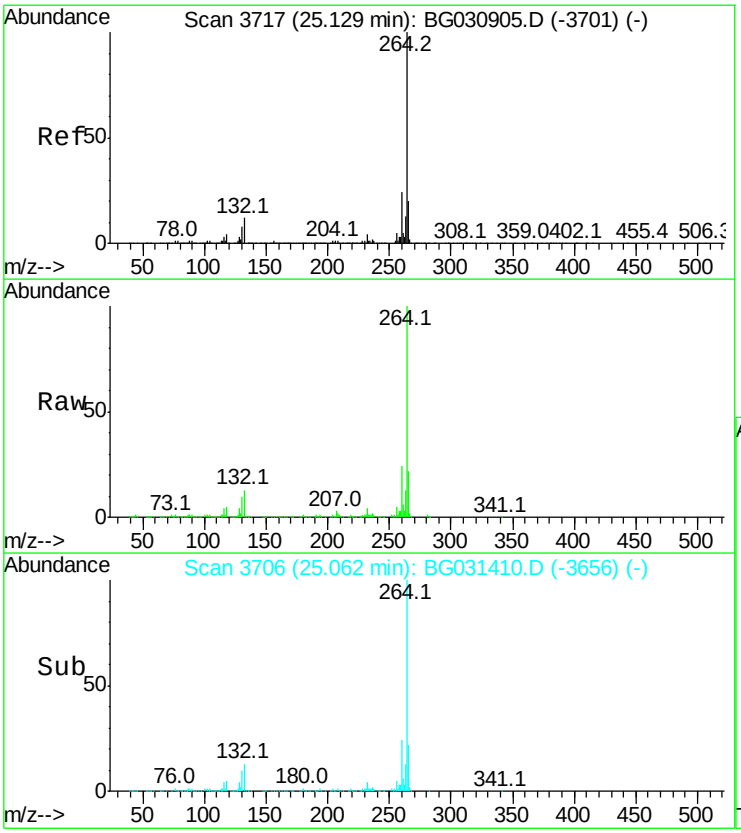

#78
Terphenyl-d14
Concen: 65.270 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:244 Resp: 1497413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.8 | 8.8 |
| 122 | 8.4 | 7.0 | 10.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG031410.D
Acq: 7 Dec 2017 22:19

Tgt Ion:264 Resp: 492212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 17.4 | 26.0 |
| 265 | 22.2 | 17.7 | 26.5 |