Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032548.D
Acq On : 6 Feb 2018 00:03
Operator : SJ/JU
Sample : J1399-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** OR-01-020218-B

Quant Time: Feb 06 04:29:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.70 | 152 | 24865 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 11.58 | 136 | 94615 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 15.34 | 164 | 65390 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 18.08 | 188 | 175608 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 22.41 | 240 | 255216 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 26.07 | 264 | 267624 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.15 | 112 | 146424 | 118.28 | ng | | 0.00 |
| 7) Phenol-d6 | 7.83 | 99 | 170673 | 103.32 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.91 | 82 | 135478 | 89.44 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.82 | 330 | 189753 | 152.45 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 13.97 | 172 | 500938 | 91.05 | ng | | -0.02 |
| 78) Terphenyl-d14 | 20.61 | 244 | 1184944 | 99.45 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 11.64 | 128 | 36565 | 7.913 | ng | | 97 |
| 59) Diethylphthalate | 16.11 | 149 | 16607 | 2.828 | ng | # | 94 |

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

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032548.D
Acq On : 6 Feb 2018 00:03
Operator : SJ/JU
Sample : J1399-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-01-020218-B

Quant Time: Feb 06 04:29:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
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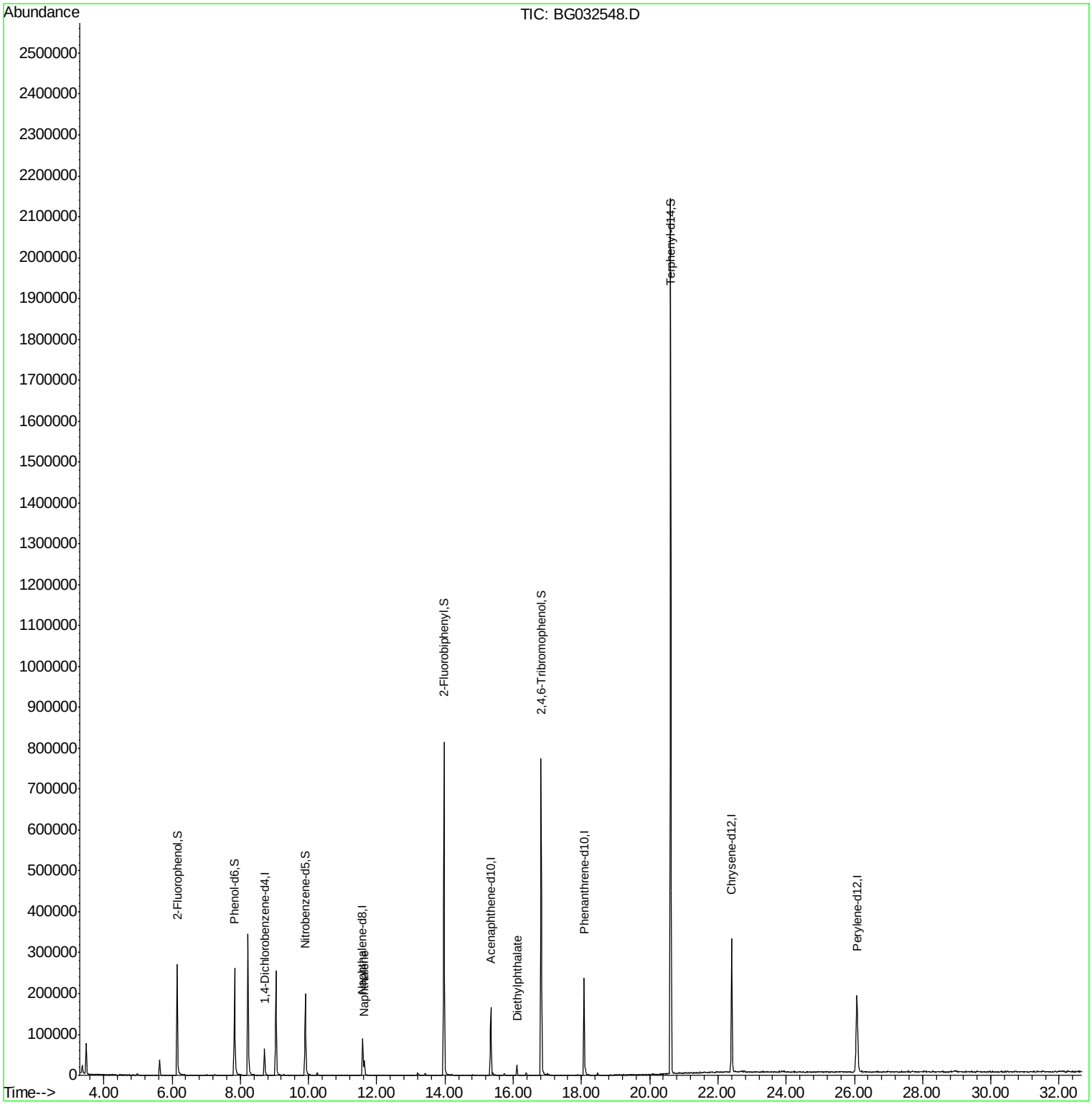
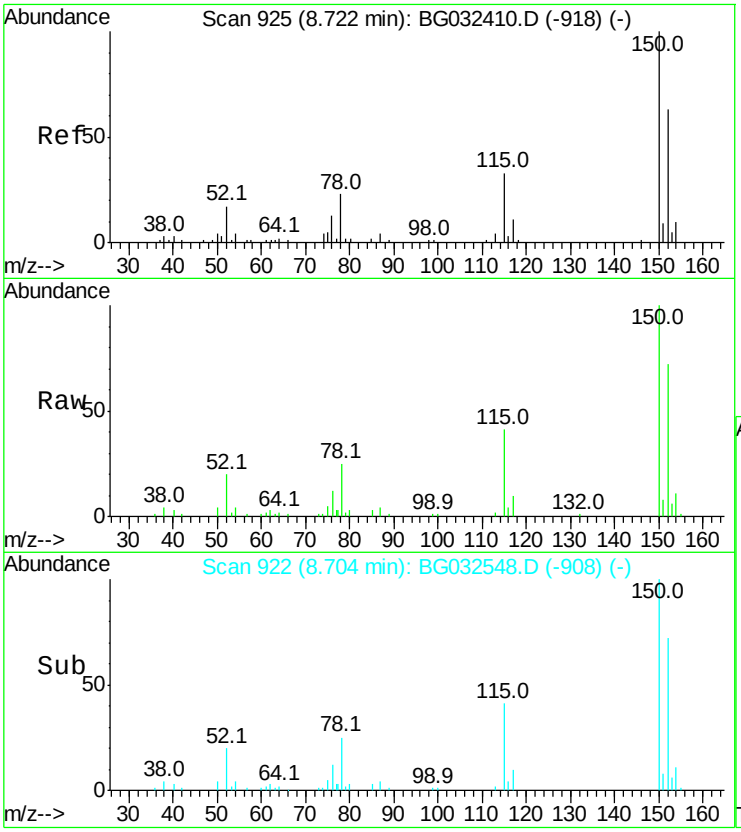


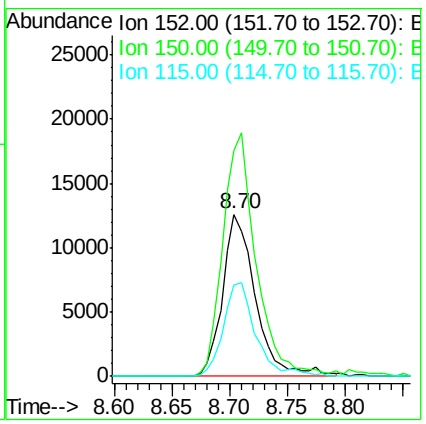


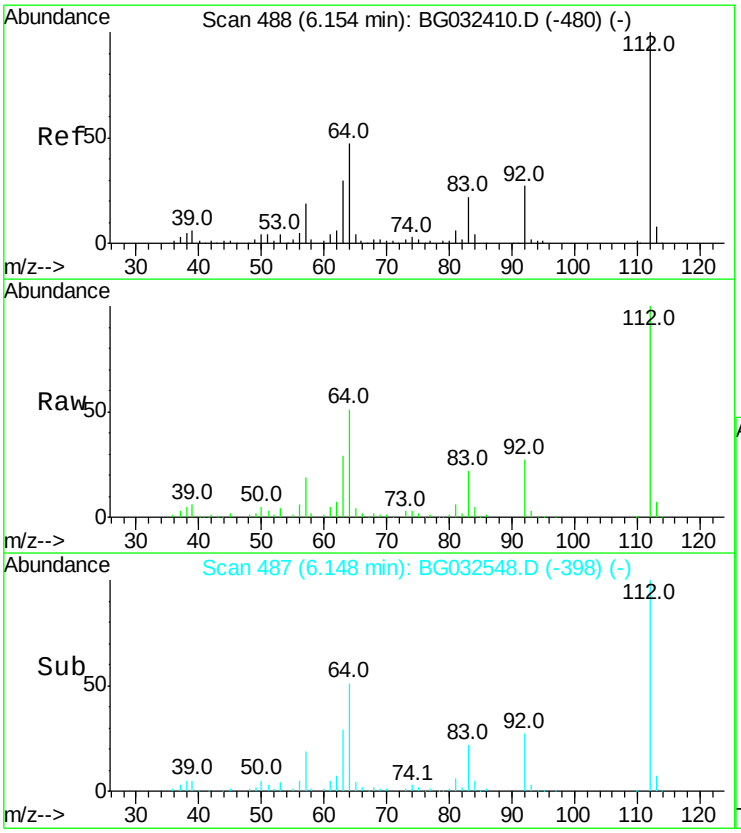

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

**Instrument :**
BNA_G
**ClientSampleId :**
OR-01-020218-B

Tgt Ion:152 Resp: 24865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 138.8 | 126.6 | 189.8 |
| 115 | 56.4 | 53.0 | 79.4 |

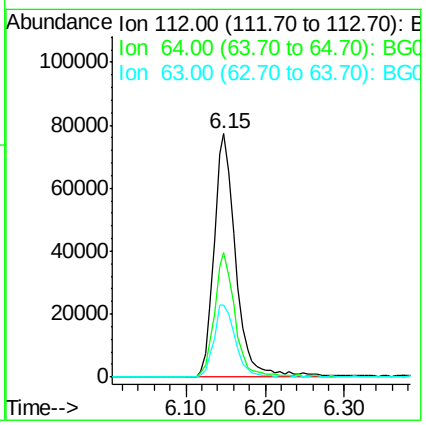


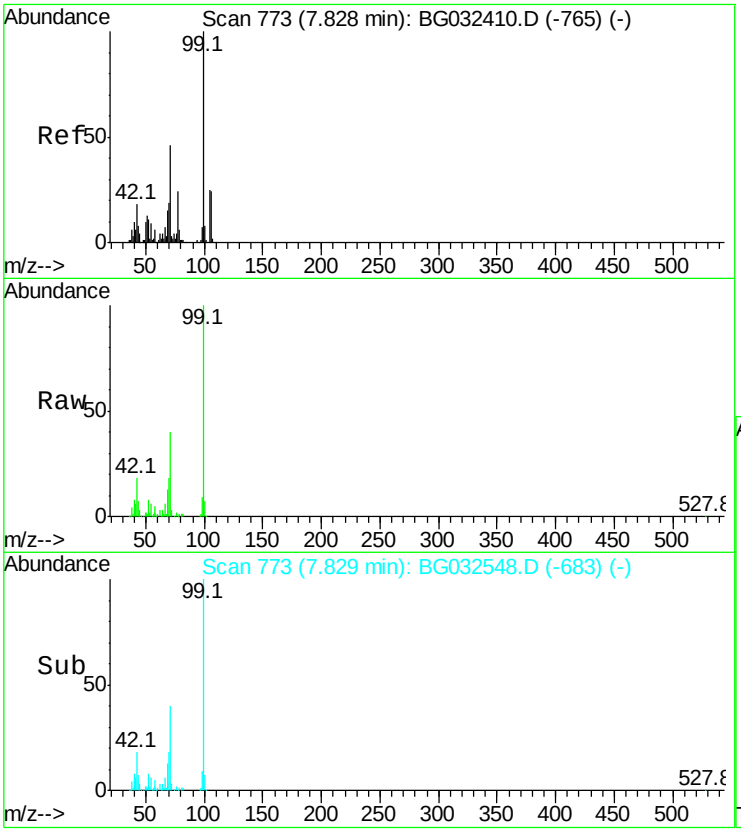




#5
2-Fluorophenol
Concen: 118.279 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:112 Resp: 146424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.2 | 56.3 | 84.5# |
| 63 | 29.4 | 30.1 | 45.1# |



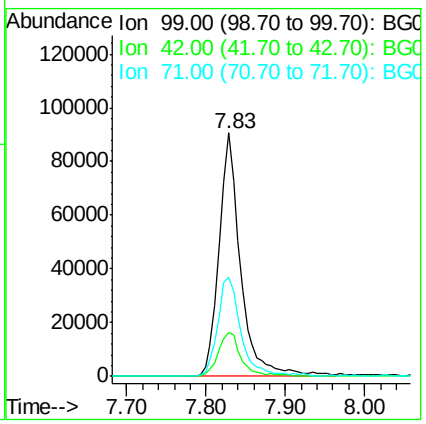


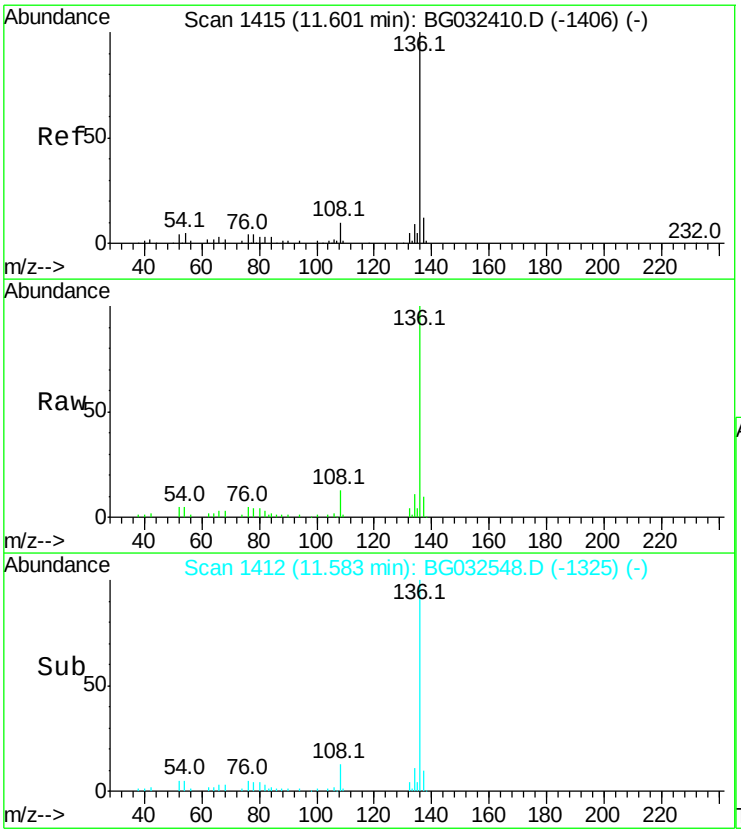

#7
Phenol-d6
Concen: 103.316 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

**Instrument :**
BNA_G
**ClientSampleId :**
OR-01-020218-B

Tgt Ion: 99 Resp: 170673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 14.1 | 21.1 |
| 71 | 40.4 | 26.1 | 39.1# |

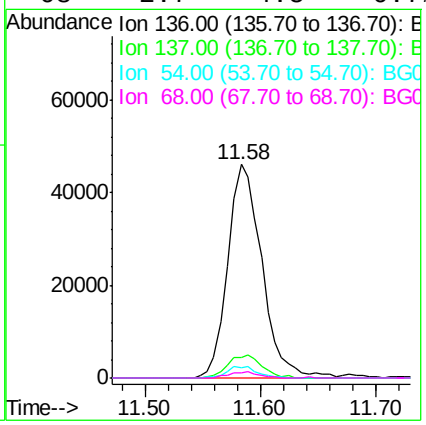


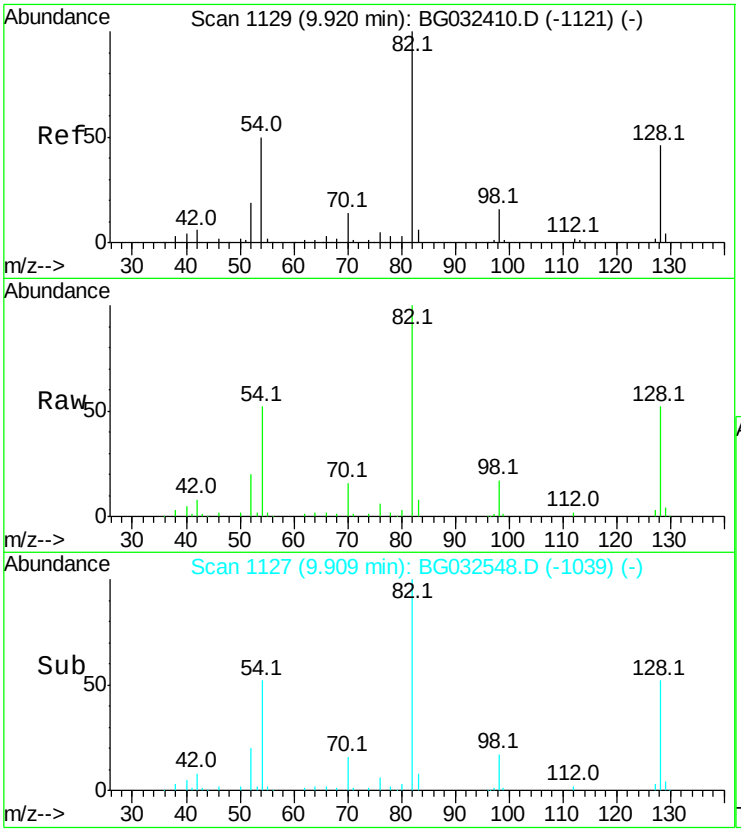




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:136 Resp: 94615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.9 | 9.2 | 13.8 |
| 54 | 4.6 | 10.3 | 15.5# |
| 68 | 2.7 | 4.5 | 6.7# |



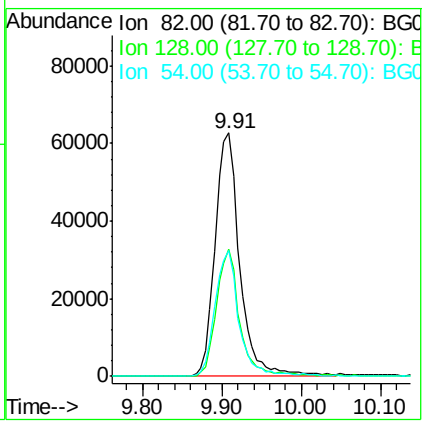


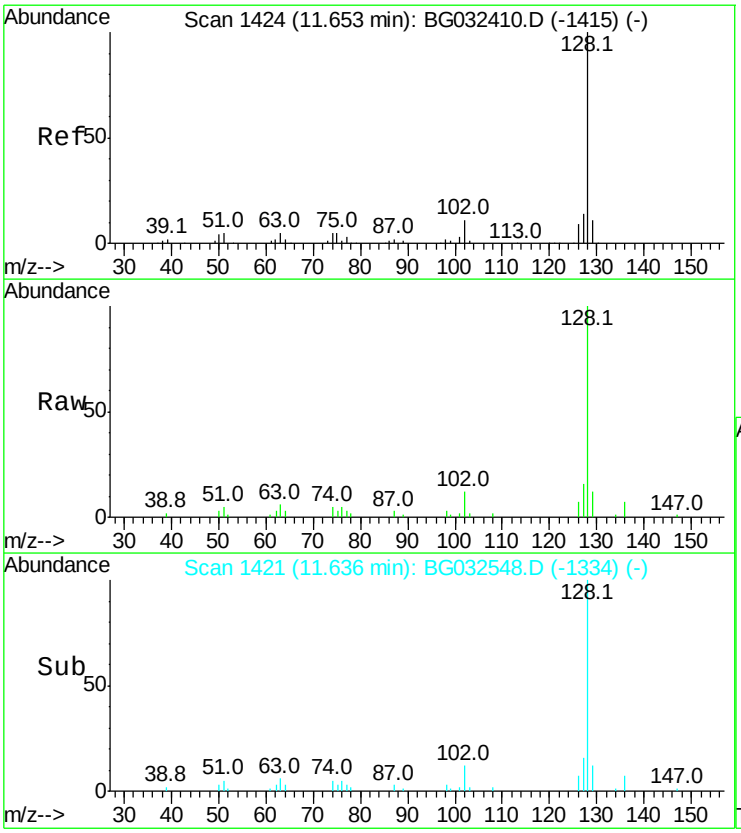

#23
Nitrobenzene-d5
Concen: 89.436 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

**Instrument :**
BNA_G
**ClientSampleId :**
OR-01-020218-B

Tgt Ion: 82 Resp: 135478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 52.3 | 29.7 | 44.5# |
| 54 | 51.9 | 43.1 | 64.7 |

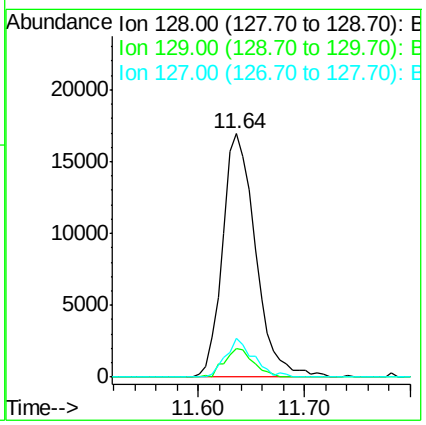


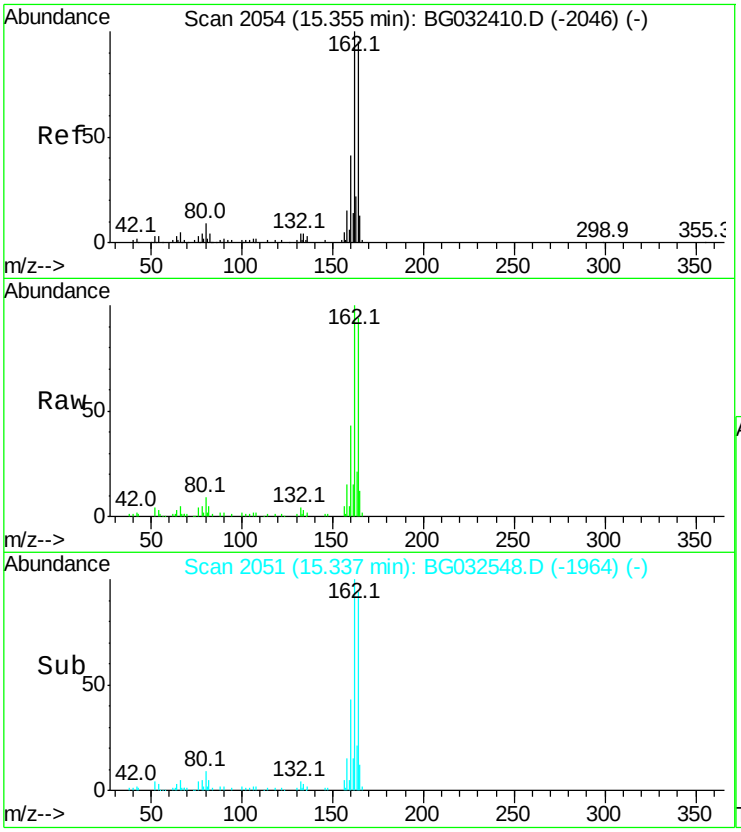




#31
Naphthalene
Concen: 7.913 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:128 Resp: 36565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 8.6 | 12.8 |
| 127 | 15.9 | 11.6 | 17.4 |



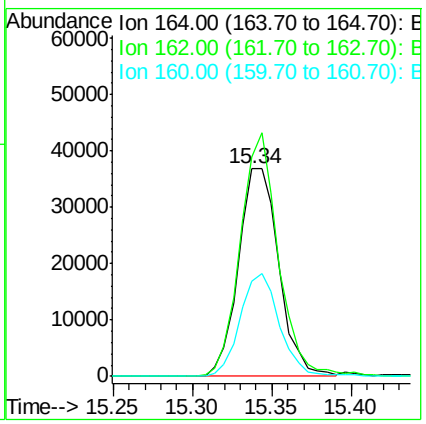


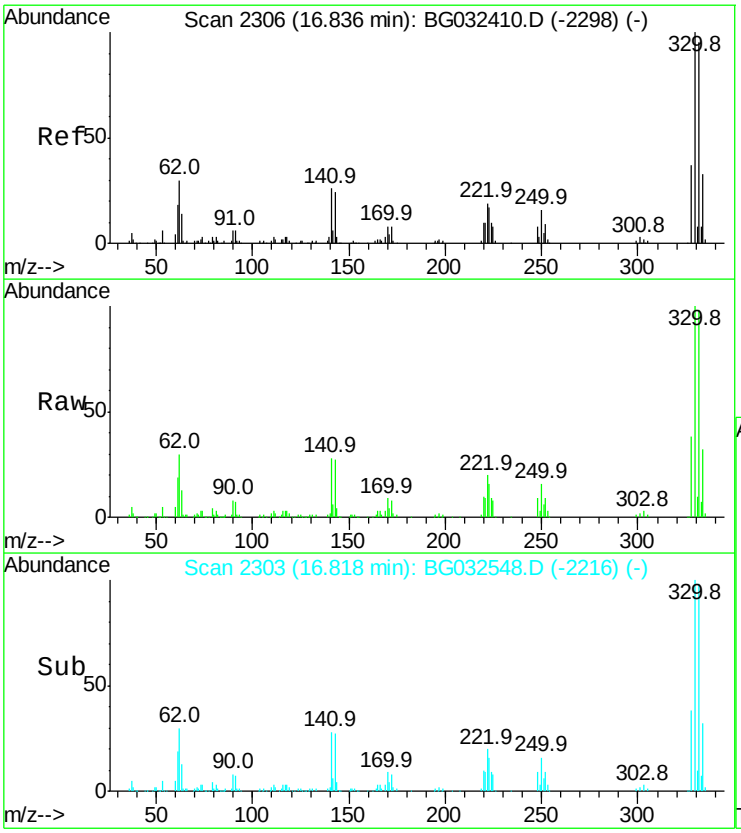

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

**Instrument :**
BNA_G
**ClientSampleId :**
OR-01-020218-B

Tgt Ion:164 Resp: 65390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.9 | 78.8 | 118.2 |
| 160 | 45.7 | 35.4 | 53.0 |

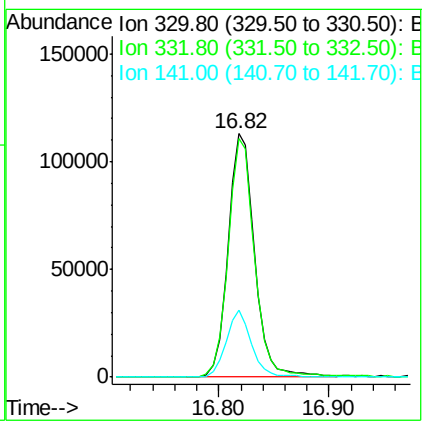


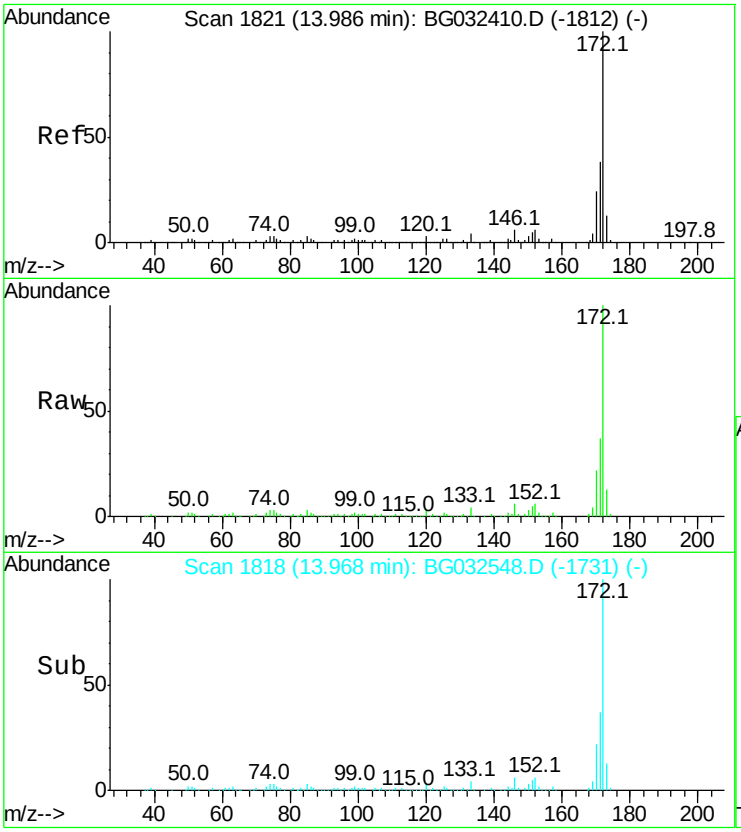




#41
2,4,6-Tribromophenol
Concen: 152.449 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:330 Resp: 189753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.5 | 77.0 | 115.6 |
| 141 | 26.2 | 25.2 | 37.8 |



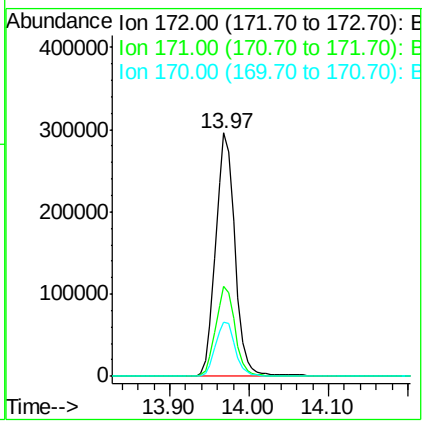


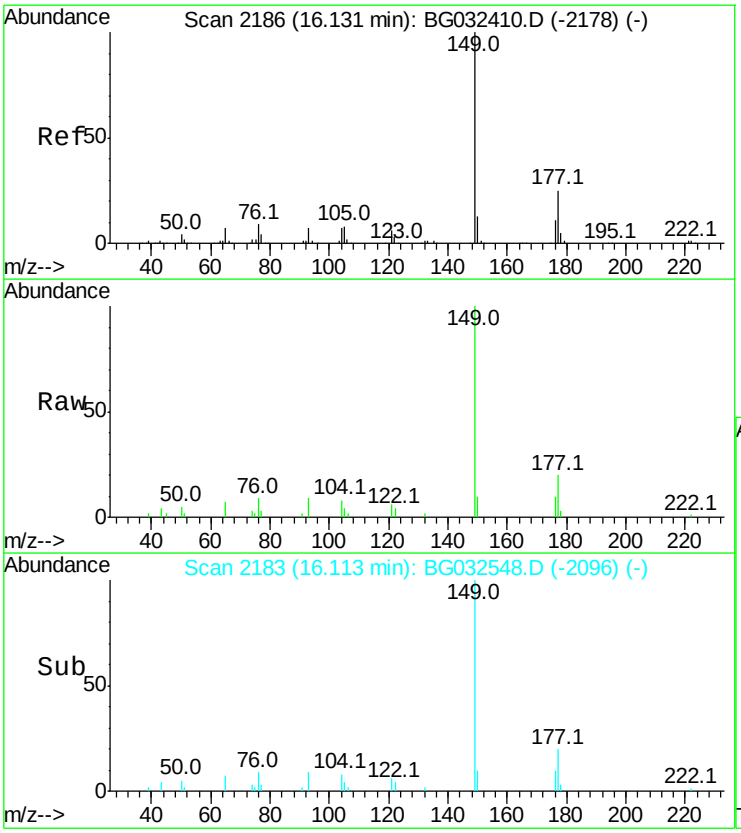

#44
2-Fluorobiphenyl
Concen: 91.053 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

**Instrument :**
BNA_G
**ClientSampleId :**
OR-01-020218-B

Tgt Ion:172 Resp: 500938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 30.0 | 45.0 |
| 170 | 22.3 | 19.5 | 29.3 |

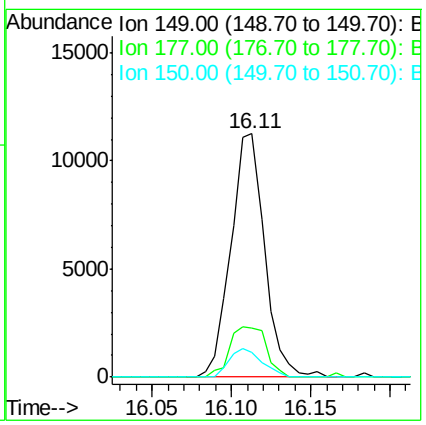


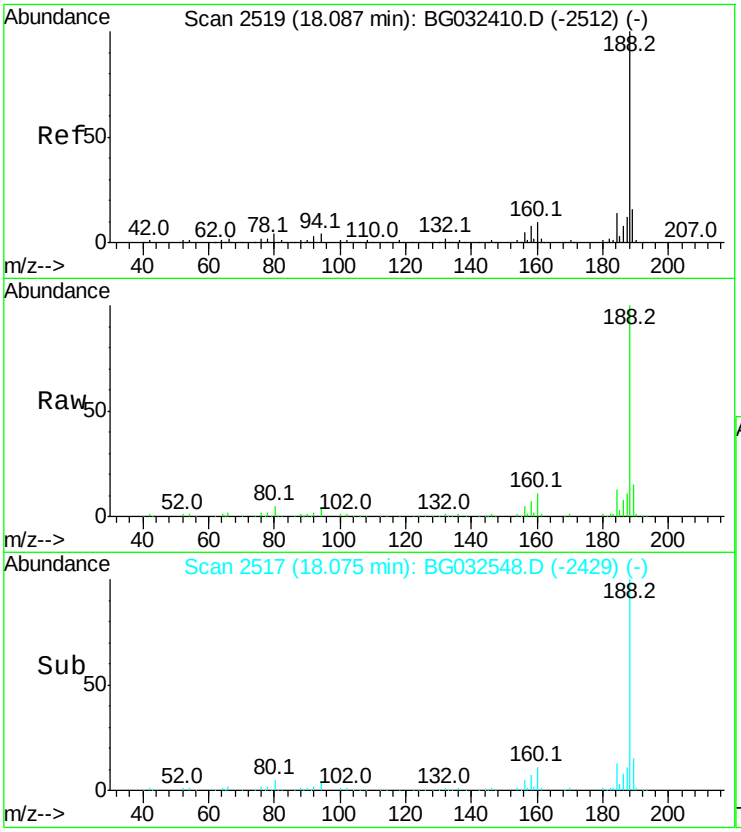




#59
Diethylphthalate
Concen: 2.828 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:149 Resp: 16607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.4 | 18.5 | 27.7 |
| 150 | 10.1 | 10.2 | 15.2# |



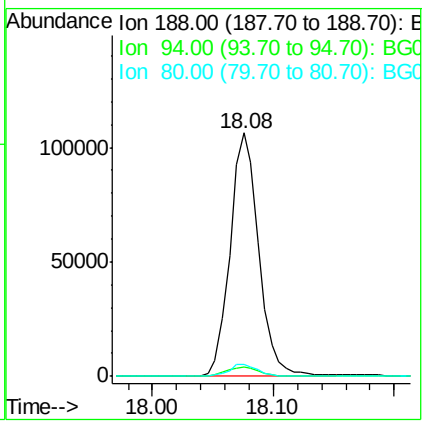


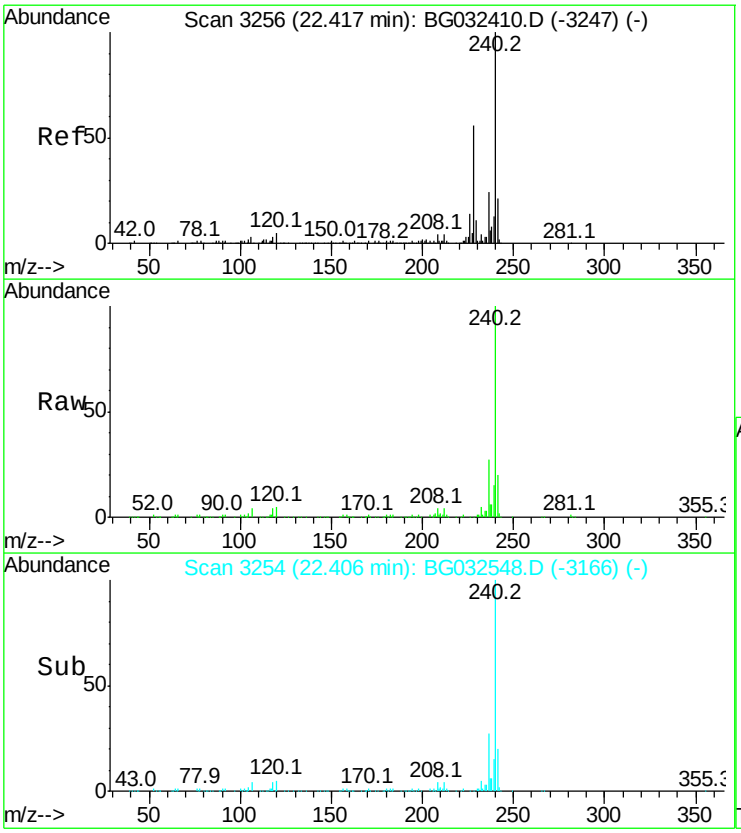

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

**Instrument :**
BNA_G
**ClientSampleId :**
OR-01-020218-B

Tgt Ion:188 Resp: 175608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 3.9 | 6.9 | 10.3# |
| 80 | 4.6 | 7.7 | 11.5# |

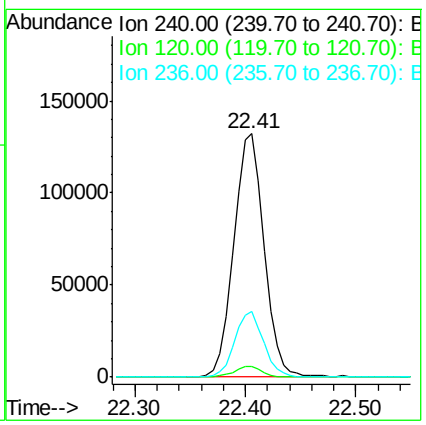


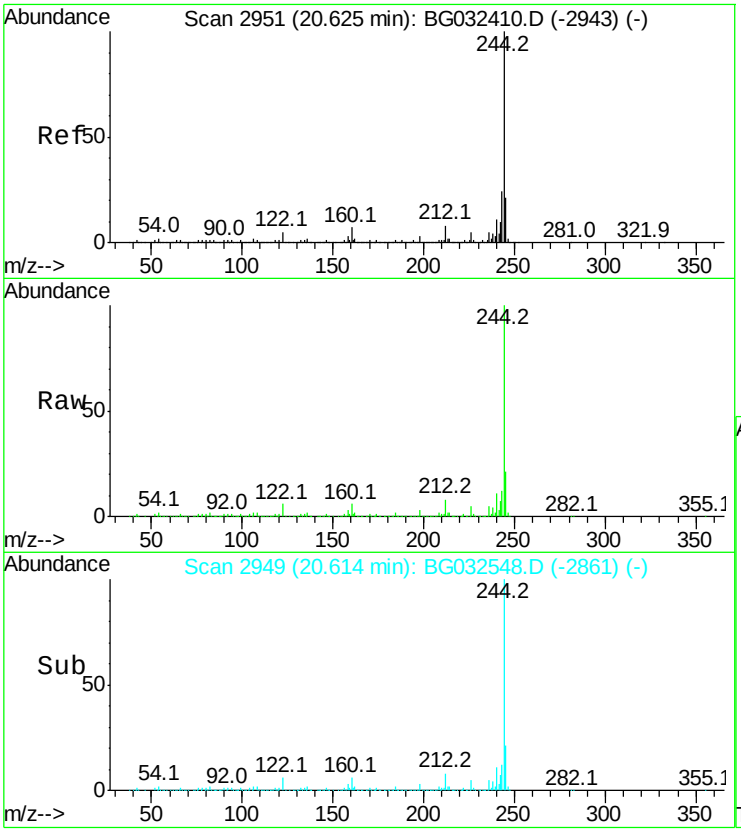




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:240 Resp: 255216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.5 | 6.8 | 10.2# |
| 236 | 26.8 | 20.9 | 31.3 |



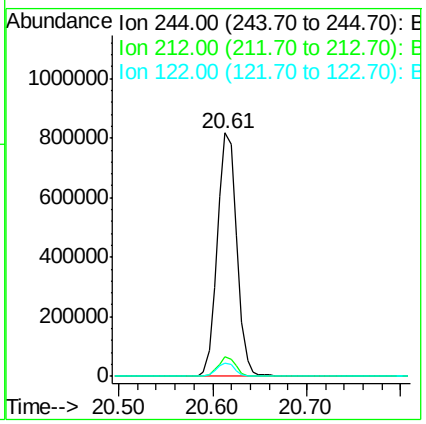


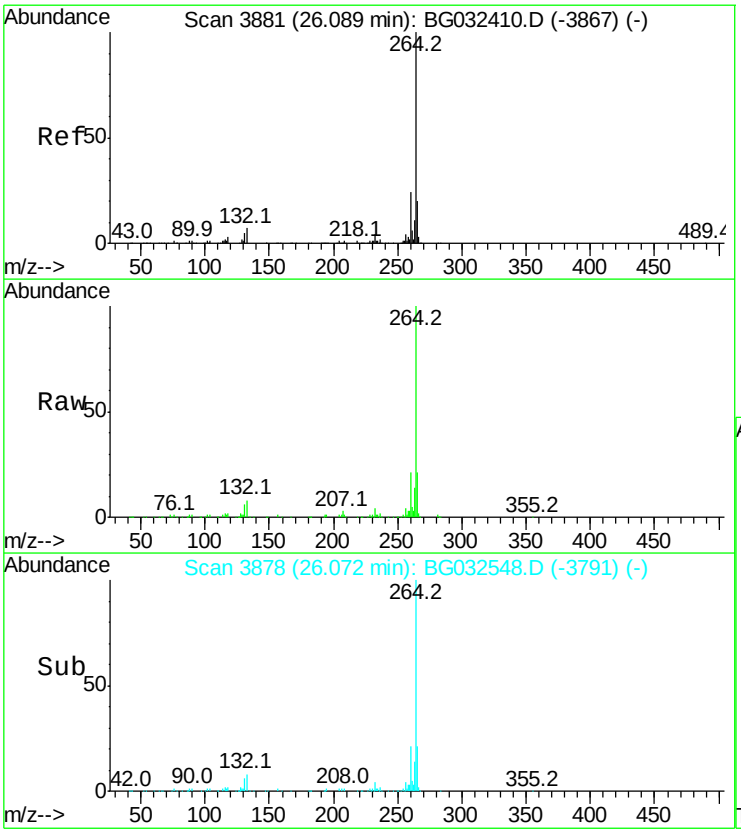

#78
Terphenyl-d14
Concen: 99.455 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

**Instrument :**
BNA_G
**ClientSampleId :**
OR-01-020218-B

Tgt Ion:244 Resp: 1184944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 5.8 | 8.8 |
| 122 | 5.7 | 7.0 | 10.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:264 Resp: 267624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.5 | 17.4 | 26.0 |
| 265 | 20.5 | 17.7 | 26.5 |