Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032882.D
Acq On : 28 Feb 2018 9:02
Operator : SJ/JU
Sample : J1698-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B4

Quant Time: Feb 28 09:58:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.92 | 152 | 77496 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.81 | 136 | 332066 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.53 | 164 | 185870 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.26 | 188 | 407127 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.62 | 240 | 371118 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 26.43 | 264 | 367174 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.33 | 112 | 654909 | 135.20 | ng | 0.00 |
| 7) Phenol-d6 | 8.01 | 99 | 794708 | 117.70 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 10.12 | 82 | 545929 | 110.70 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.01 | 330 | 254720 | 130.33 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.16 | 172 | 1204319 | 93.45 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.78 | 244 | 1620178 | 98.08 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

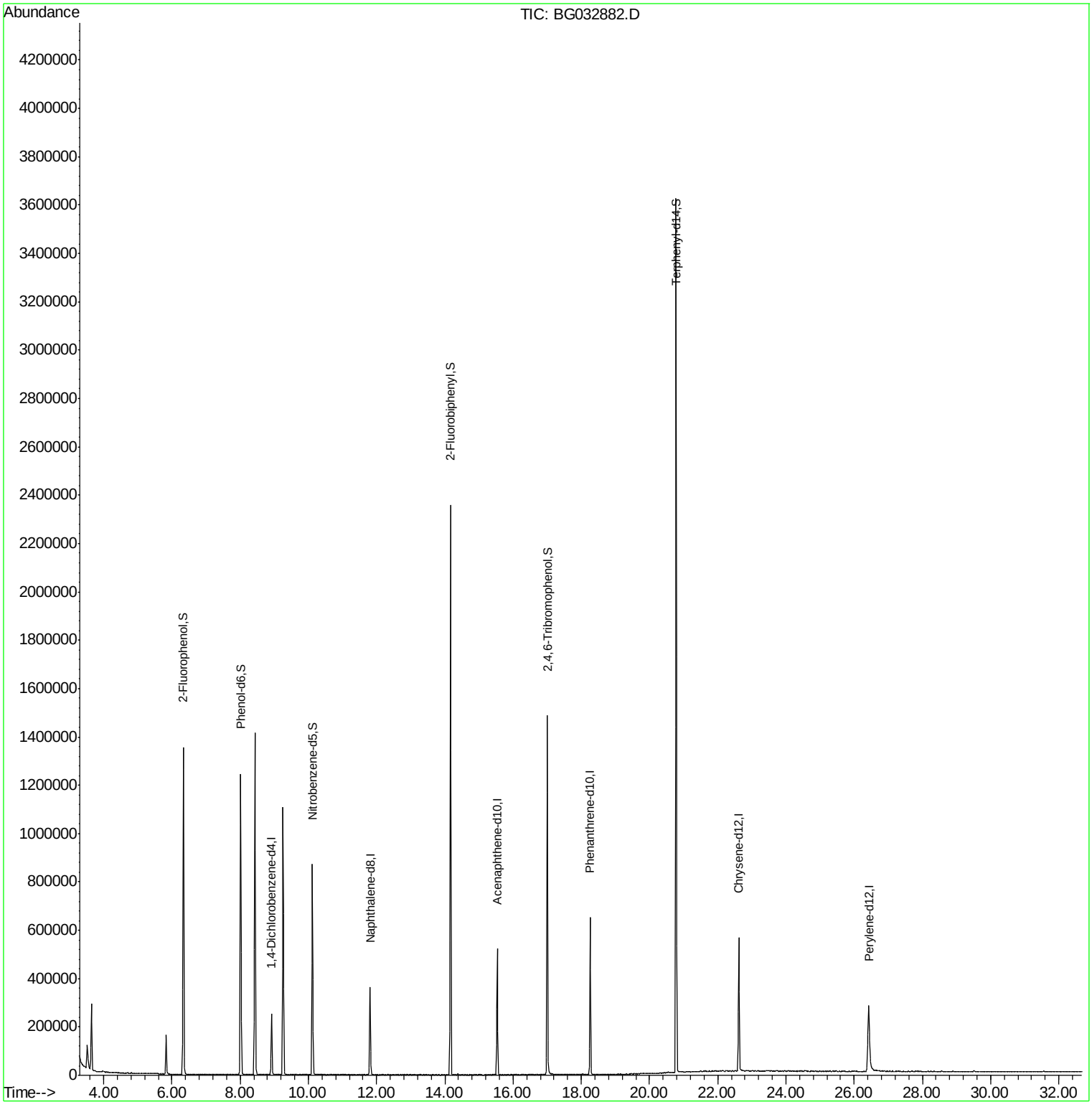
(#) = qualifier out of range (m) = manual integration (+) = signals summed

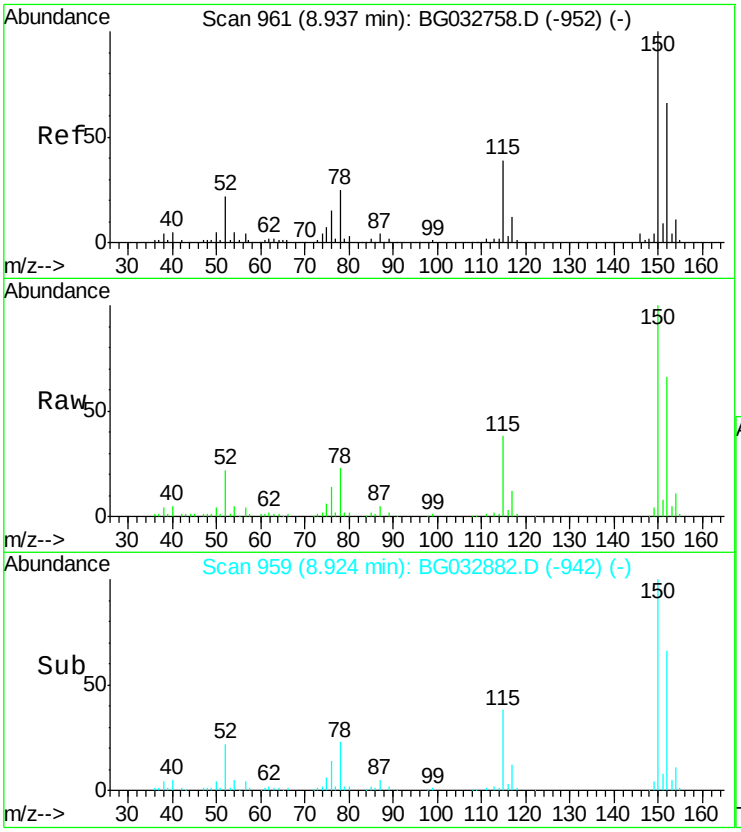
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032882.D
Acq On : 28 Feb 2018 9:02
Operator : SJ/JU
Sample : J1698-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B4

Quant Time: Feb 28 09:58:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



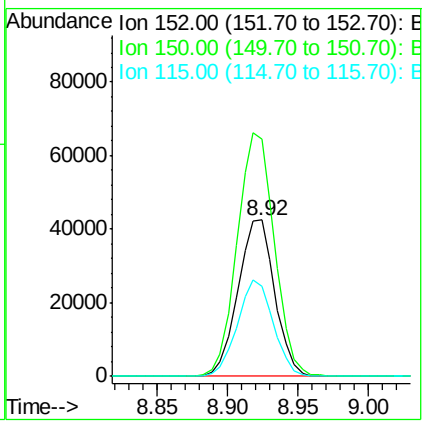


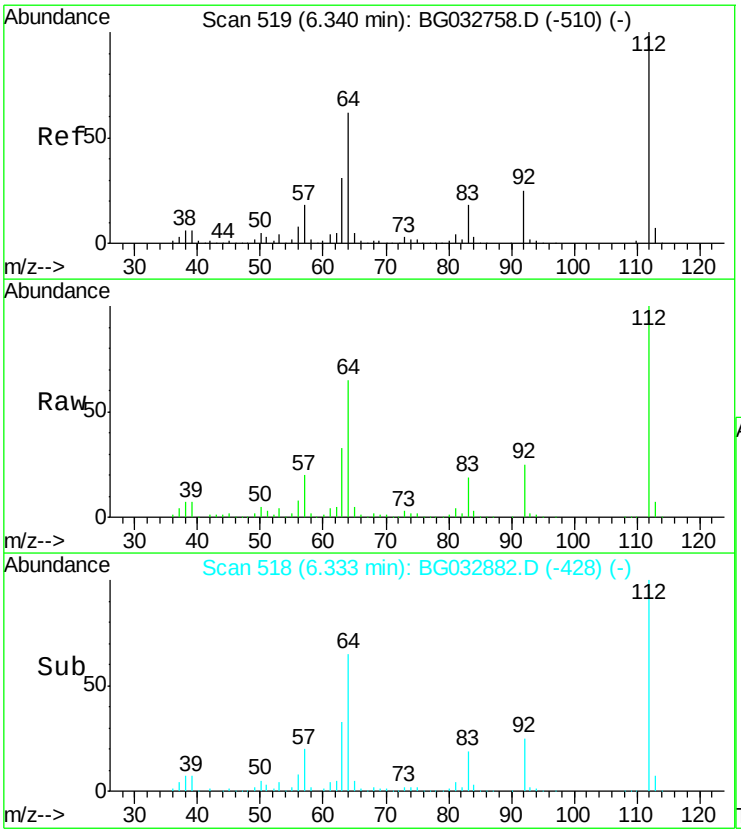

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

**Instrument :**
BNA_G
**ClientSampleId :**
B4

Tgt Ion:152 Resp: 77496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.0 | 126.6 | 189.8 |
| 115 | 57.4 | 53.0 | 79.4 |

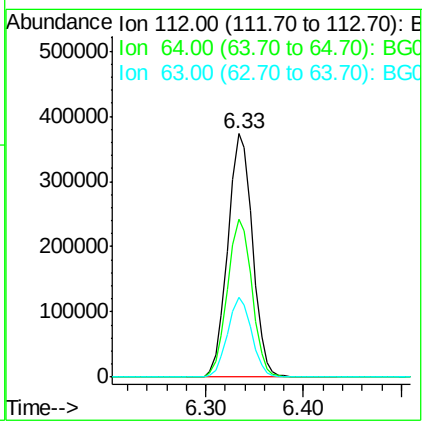


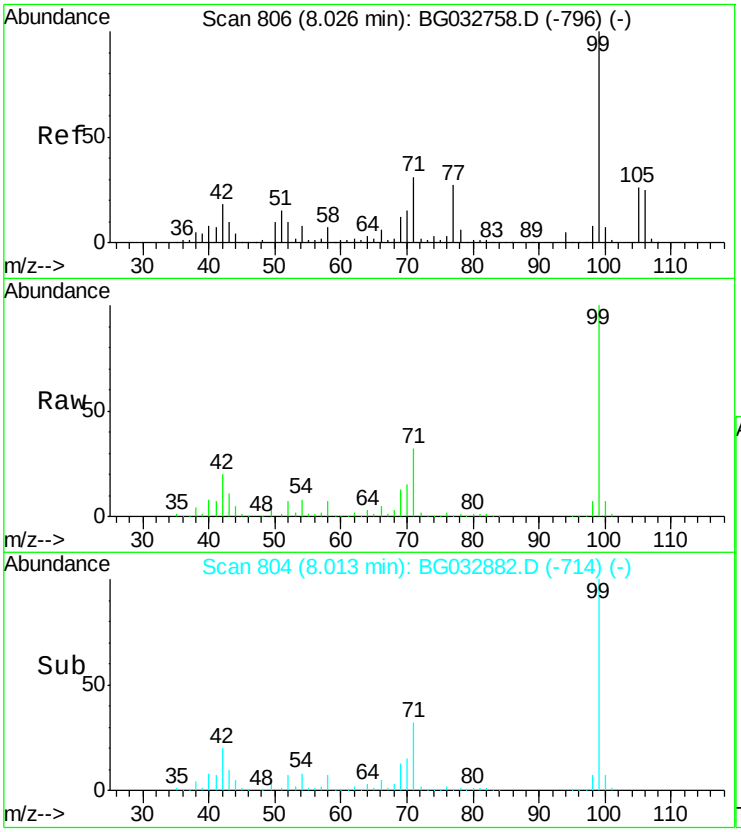




#5
2-Fluorophenol
Concen: 135.202 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:112 Resp: 654909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.1 | 56.3 | 84.5 |
| 63 | 32.7 | 30.1 | 45.1 |



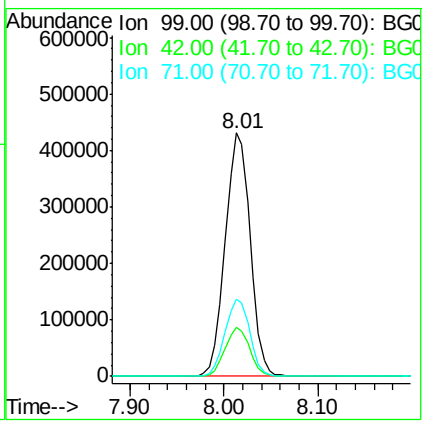


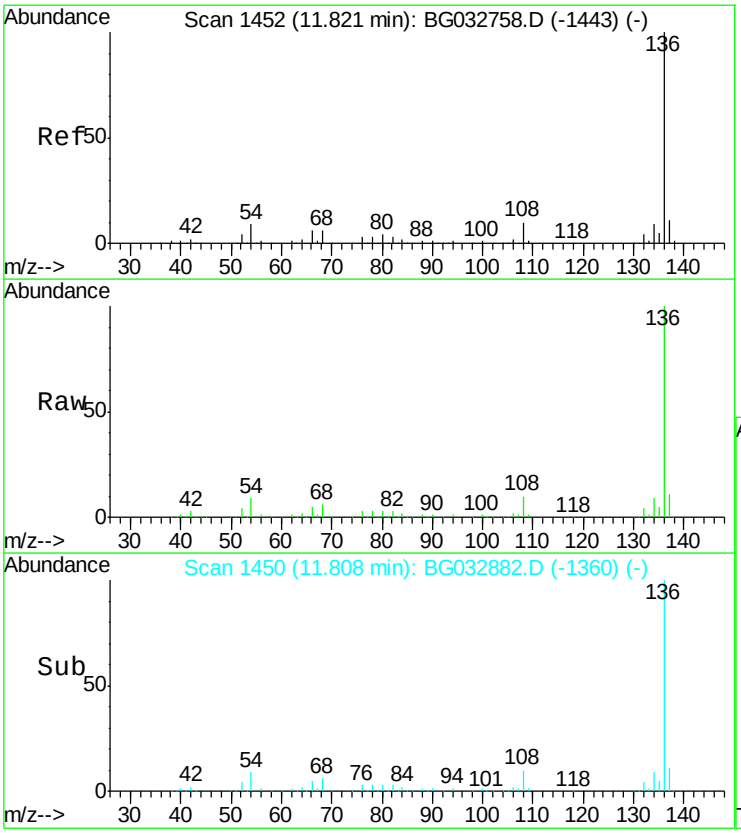

#7
Phenol-d6
Concen: 117.703 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

**Instrument :**
BNA_G
**ClientSampleId :**
B4

Tgt Ion: 99 Resp: 794708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.0 | 14.1 | 21.1 |
| 71 | 31.8 | 26.1 | 39.1 |

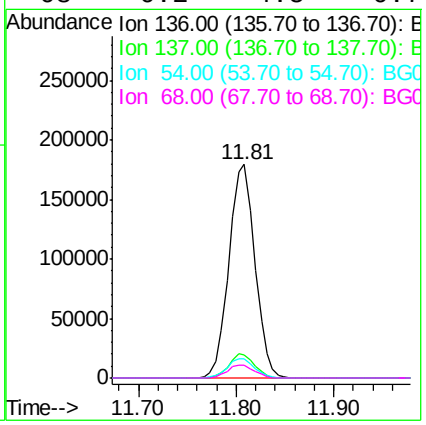


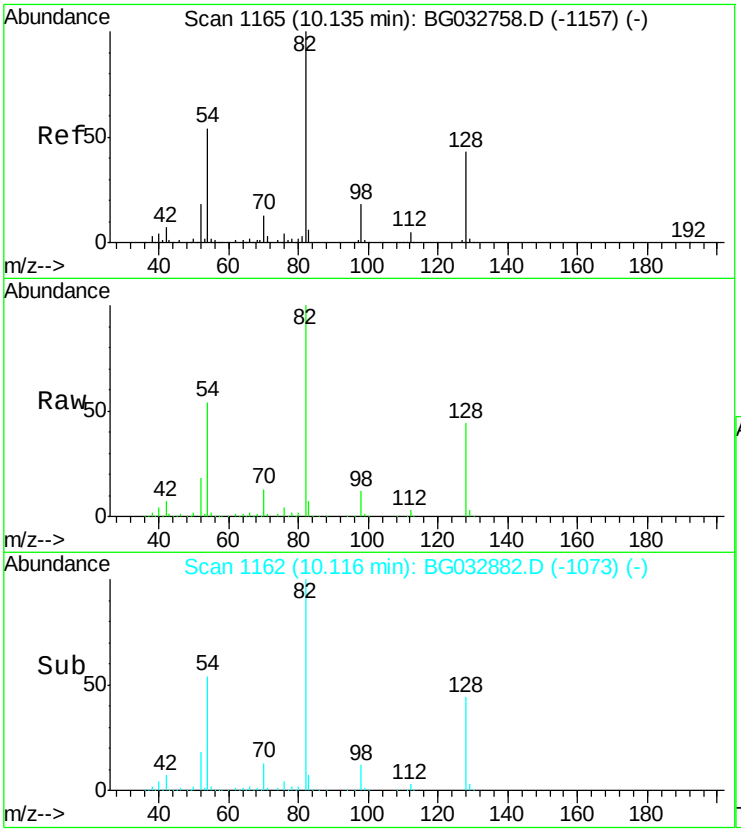




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:136 Resp: 332066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.2 | 13.8 |
| 54 | 9.0 | 10.3 | 15.5# |
| 68 | 6.2 | 4.5 | 6.7 |



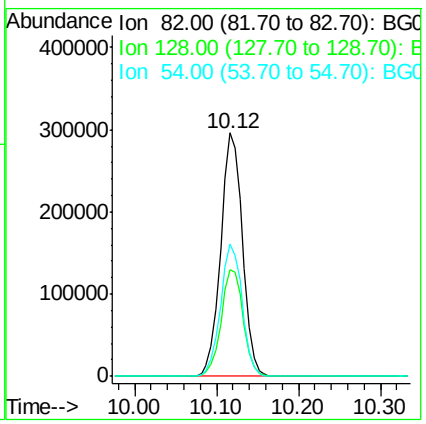


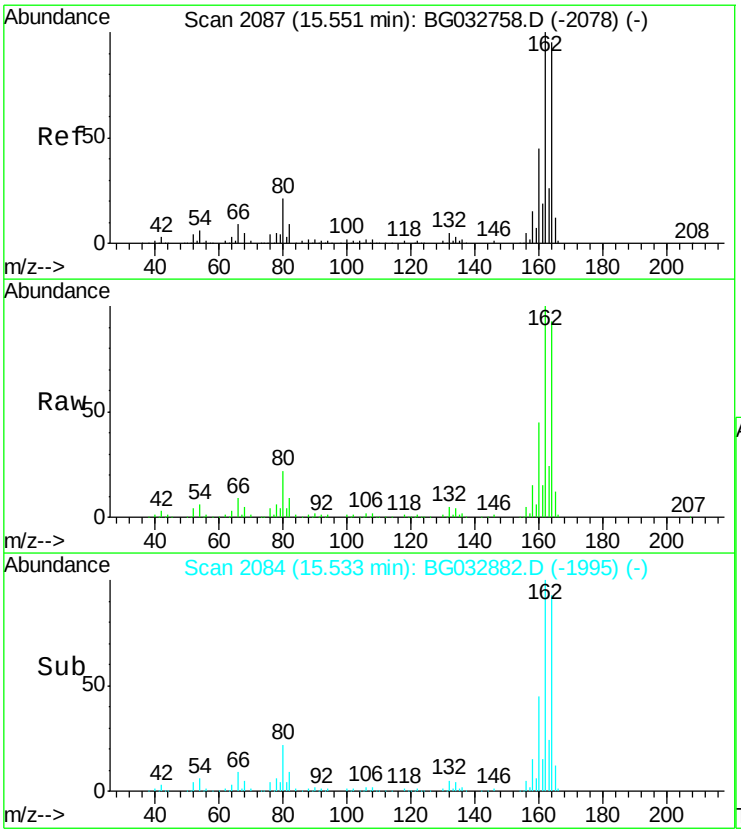

#23
Nitrobenzene-d5
Concen: 110.696 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

**Instrument :**
BNA_G
**ClientSampleId :**
B4

Tgt Ion: 82 Resp: 545929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.0 | 29.7 | 44.5 |
| 54 | 54.4 | 43.1 | 64.7 |

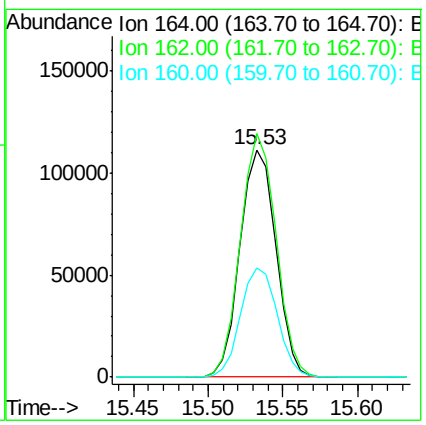


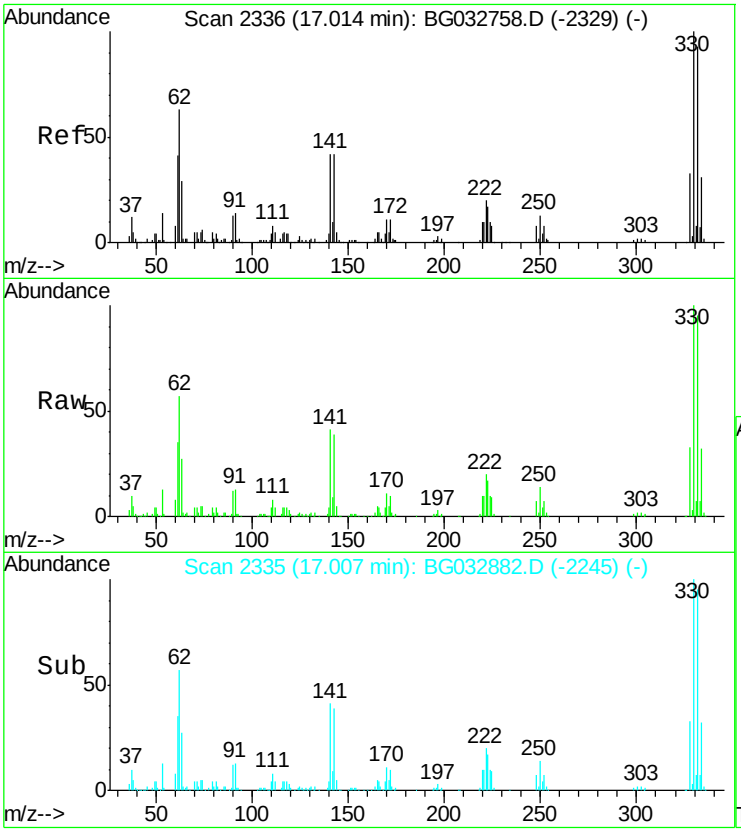




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:164 Resp: 185870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.0 | 78.8 | 118.2 |
| 160 | 47.8 | 35.4 | 53.0 |



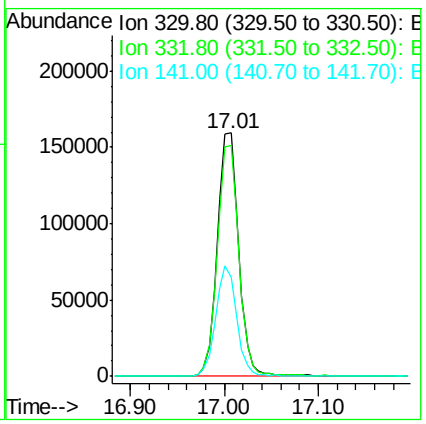


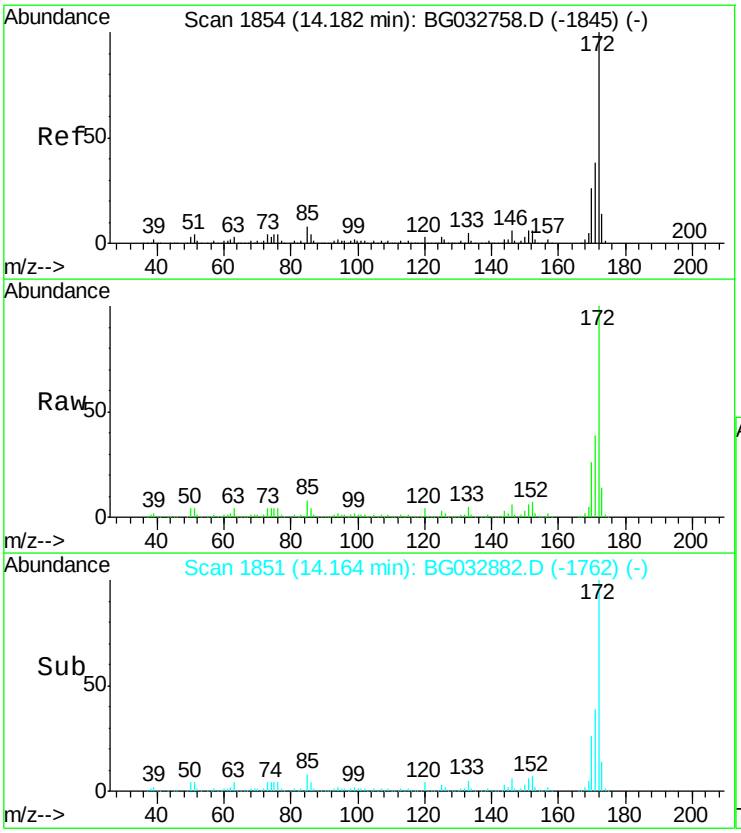

#41
2,4,6-Tribromophenol
Concen: 130.334 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

**Instrument :**
BNA_G
**ClientSampleId :**
B4

Tgt Ion:330 Resp: 254720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 77.0 | 115.6 |
| 141 | 44.4 | 25.2 | 37.8# |

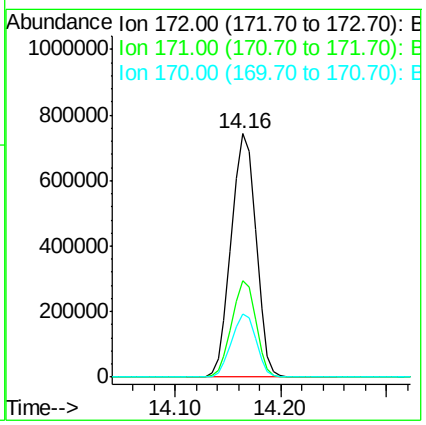


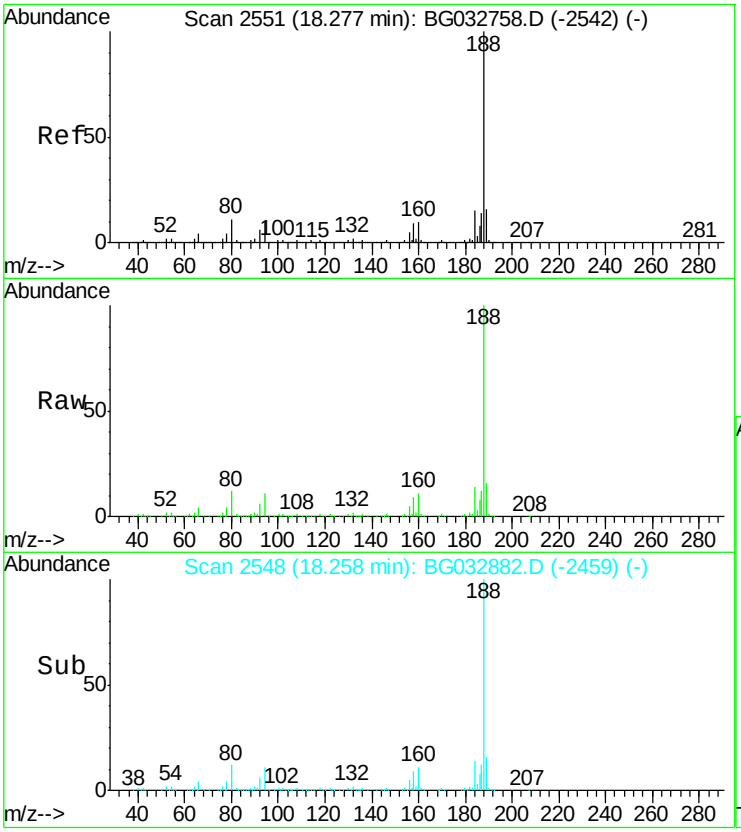




#44
2-Fluorobiphenyl
Concen: 93.449 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:172 Resp: 1204319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.4 | 30.0 | 45.0 |
| 170 | 25.9 | 19.5 | 29.3 |



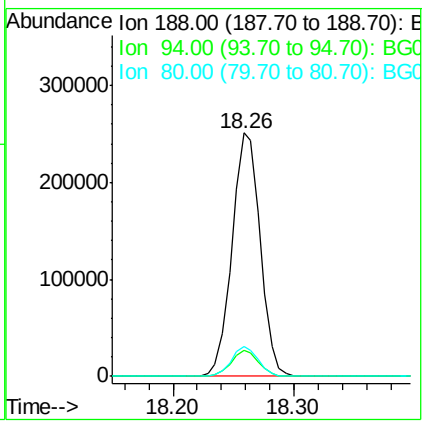


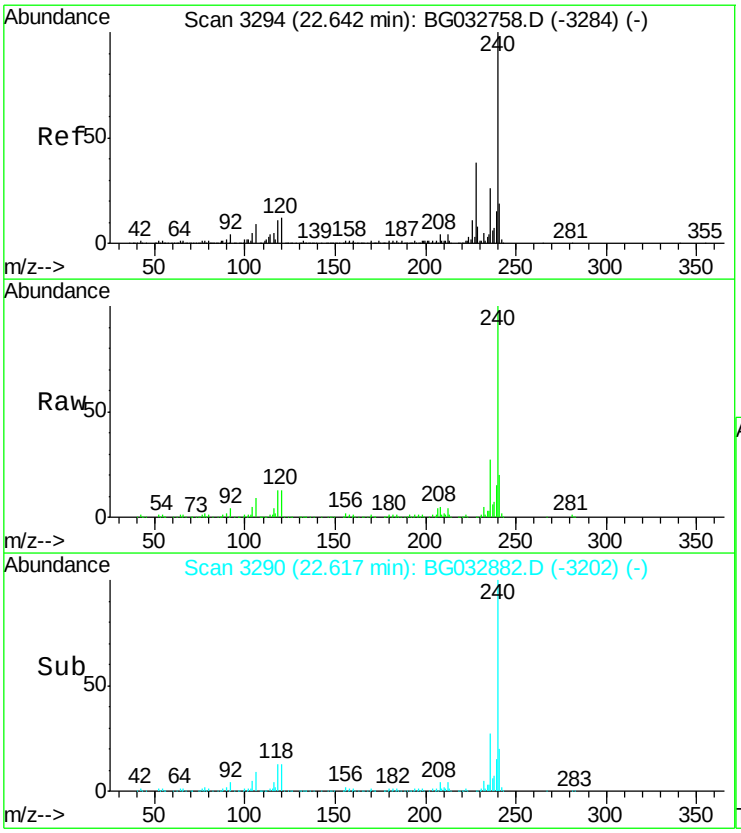

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

**Instrument :**
BNA_G
**ClientSampleId :**
B4

Tgt Ion:188 Resp: 407127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 6.9 | 10.3# |
| 80 | 12.0 | 7.7 | 11.5# |

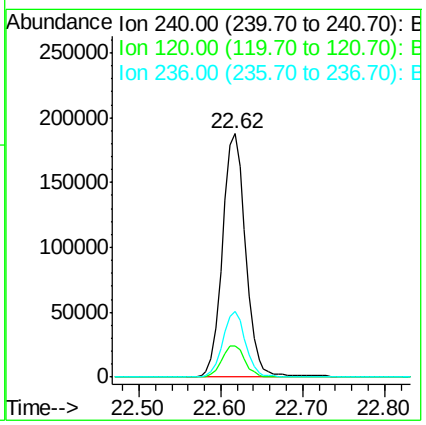


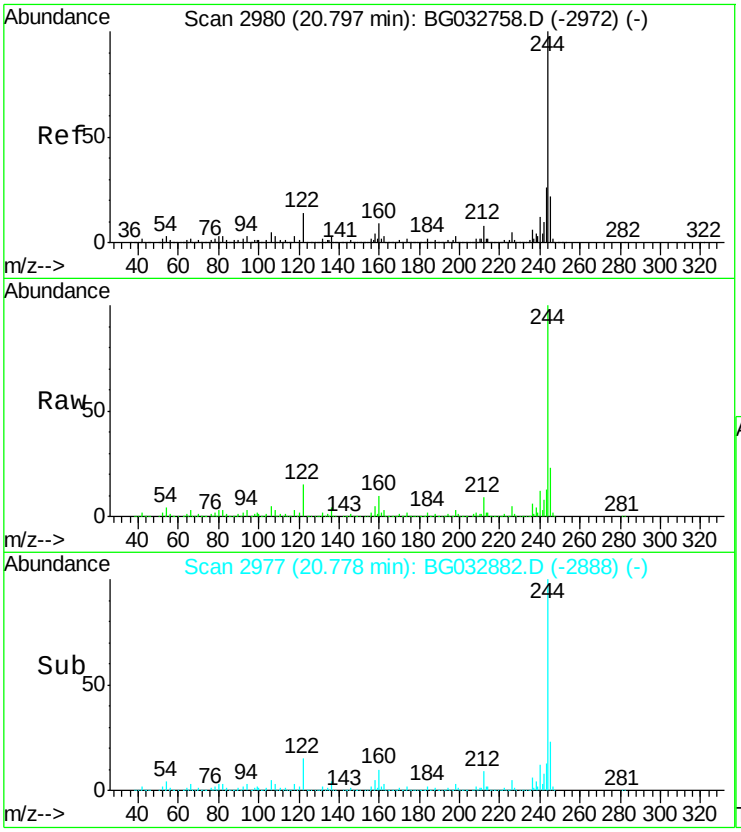




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:240 Resp: 371118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.9 | 6.8 | 10.2# |
| 236 | 27.0 | 20.9 | 31.3 |



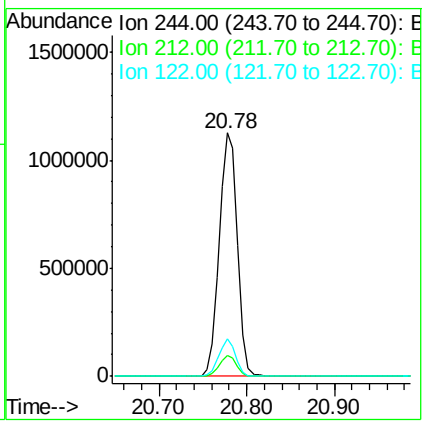


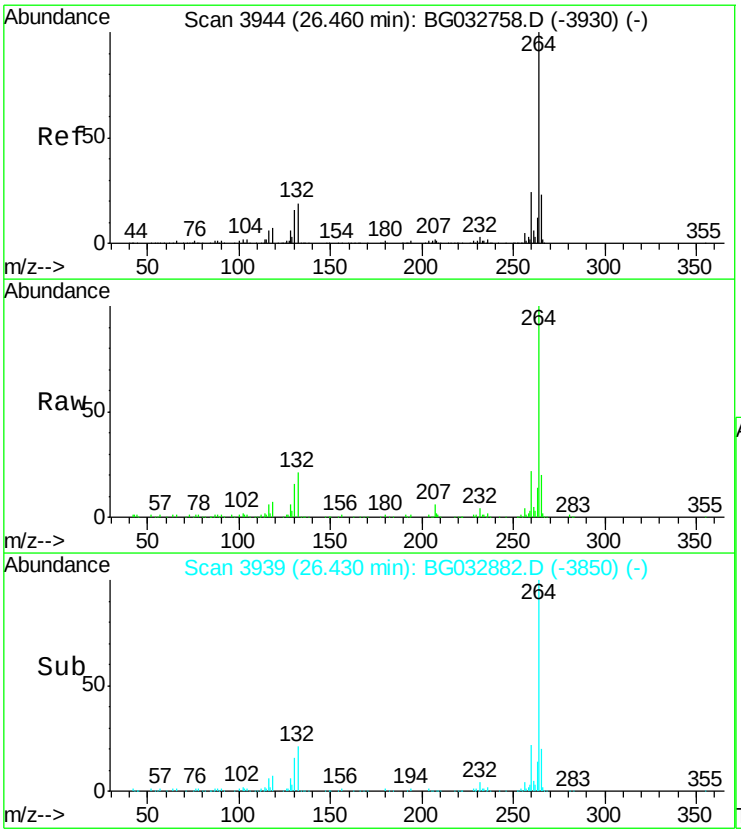

#78
Terphenyl-d14
Concen: 98.085 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

**Instrument :**
BNA_G
**ClientSampleId :**
B4

Tgt Ion:244 Resp: 1620178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.6 | 5.8 | 8.8 |
| 122 | 15.2 | 7.0 | 10.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032882.D
Acq: 28 Feb 2018 9:02

Tgt Ion:264 Resp: 367174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.5 | 17.4 | 26.0 |
| 265 | 20.4 | 17.7 | 26.5 |