Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036118.D
Acq On : 4 Aug 2018 7:20
Operator : JU/SJ
Sample : J4313-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C-8

Quant Time: Aug 06 01:30:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 26618 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.83 | 136 | 95240 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.65 | 164 | 71031 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.40 | 188 | 209645 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.67 | 240 | 223036 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.87 | 264 | 202913 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 211010 | 131.61 | ng | 0.00 |
| 7) Phenol-d6 | 7.19 | 99 | 271302 | 113.42 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.18 | 82 | 235103 | 103.12 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.14 | 330 | 136739 | 146.05 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.27 | 172 | 524123 | 98.86 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.00 | 244 | 1160252 | 114.67 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C-8

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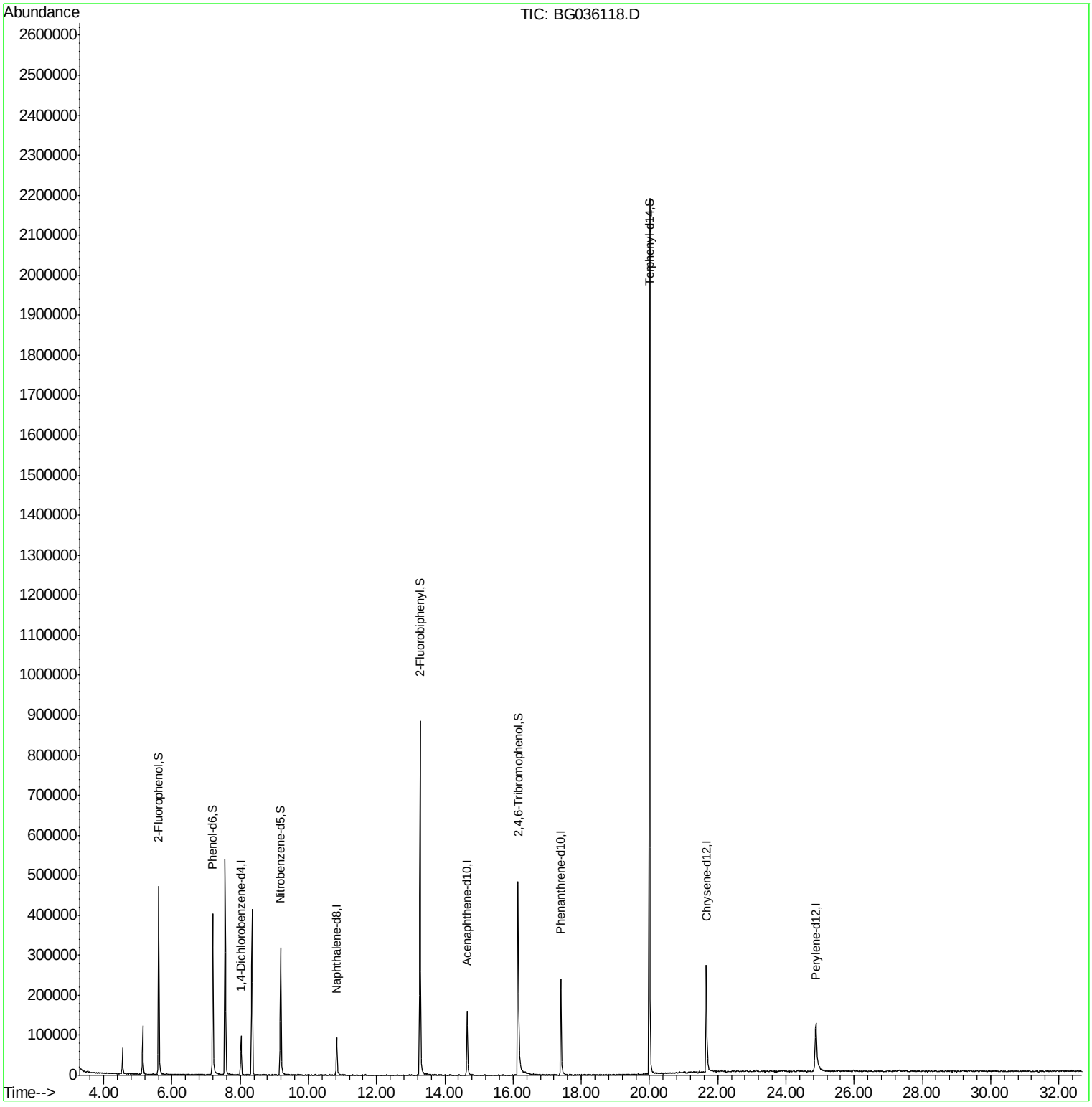
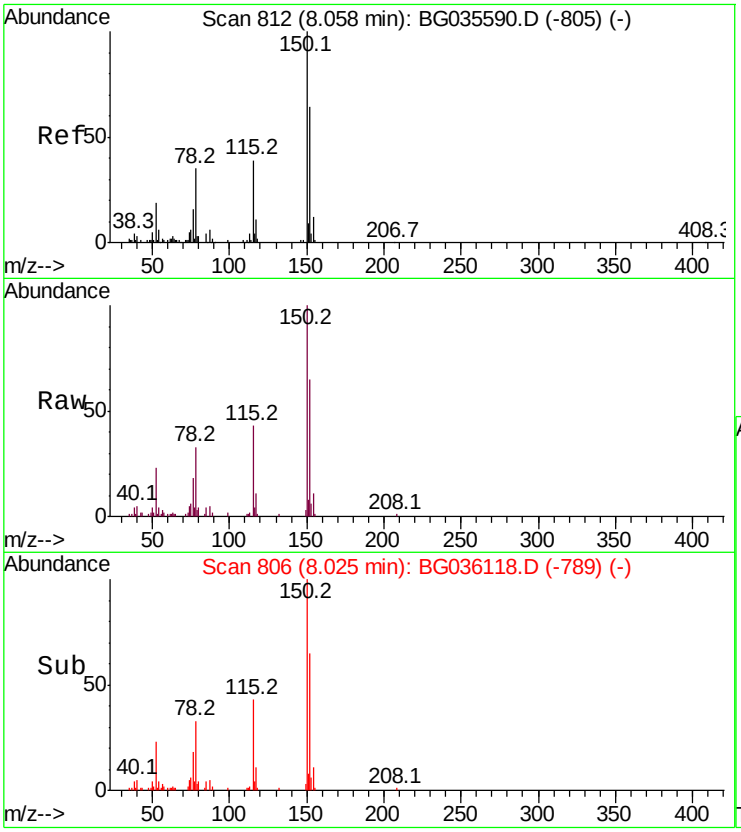
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



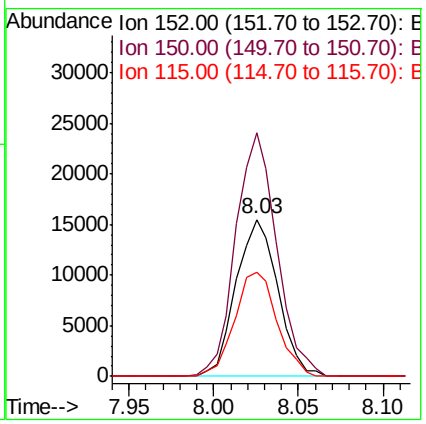


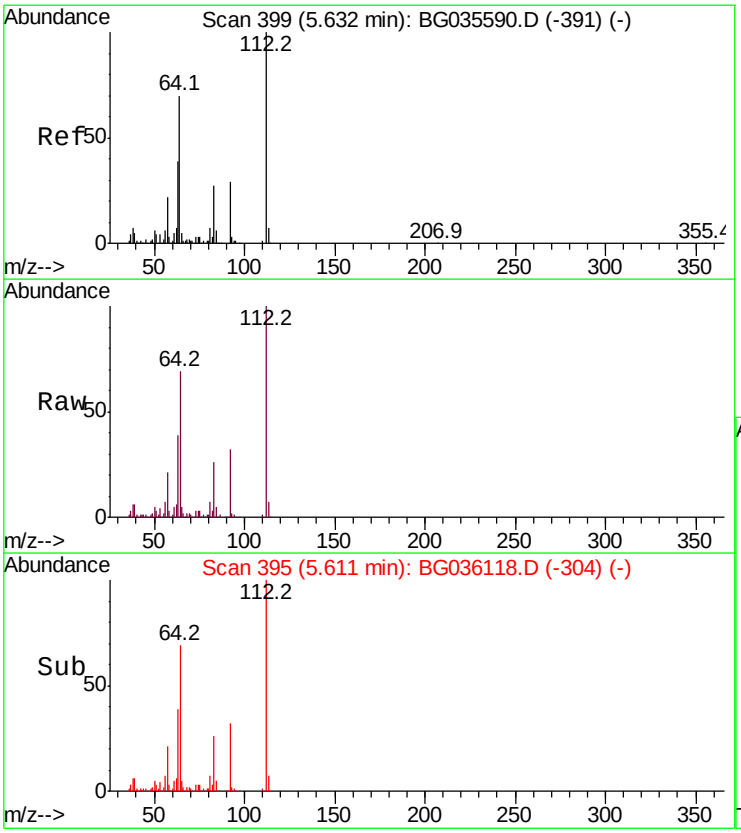

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

**Instrument :**
BNA_G
**ClientSampleId :**
C-8

Tgt Ion:152 Resp: 26618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.0 | 126.6 | 189.8 |
| 115 | 66.6 | 53.0 | 79.4 |

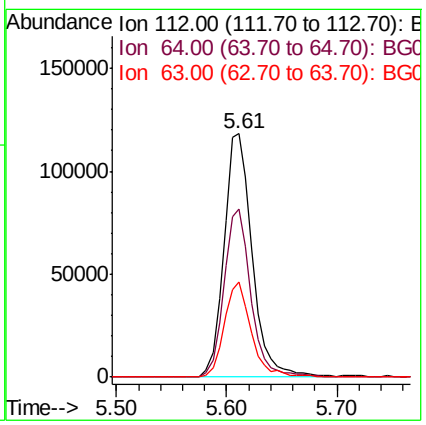


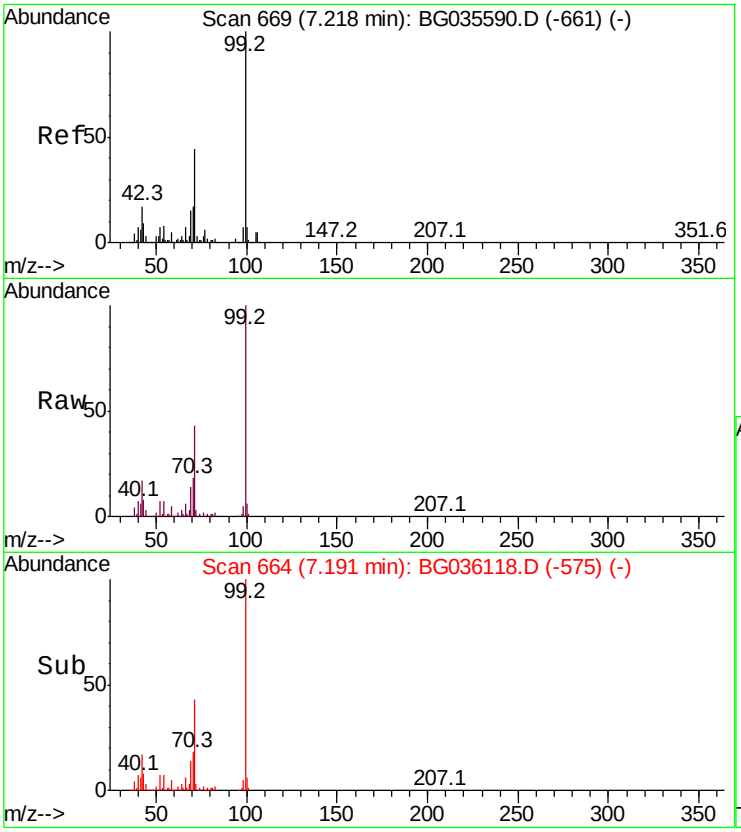




#5
2-Fluorophenol
Concen: 131.613 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

Tgt Ion:112 Resp: 211010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.8 | 56.3 | 84.5 |
| 63 | 39.3 | 30.1 | 45.1 |



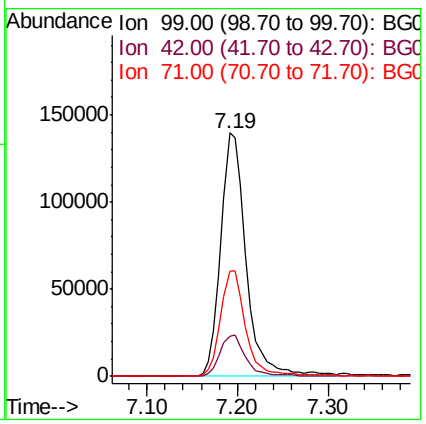


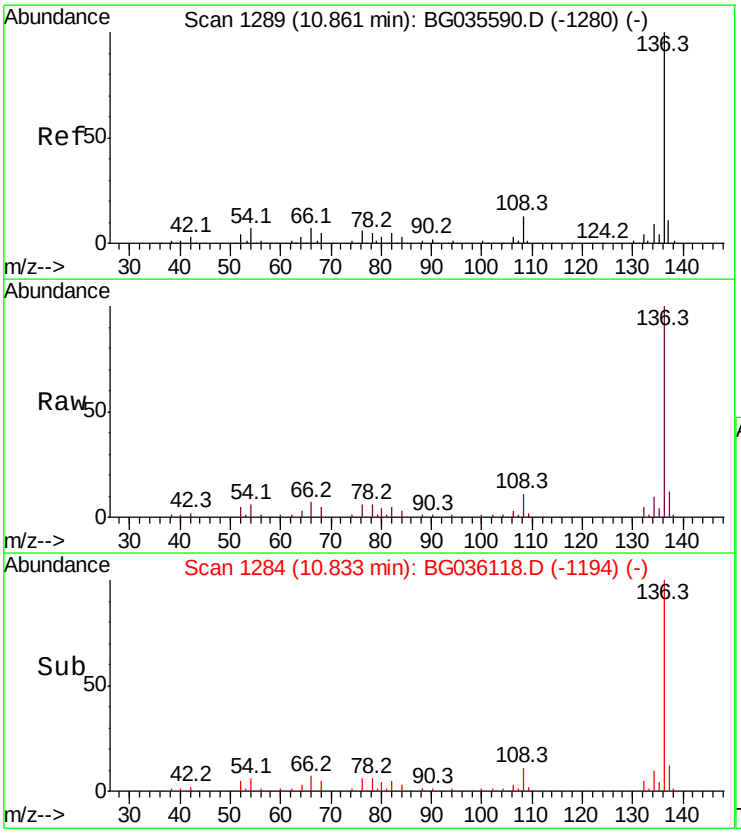

#7
Phenol-d6
Concen: 113.418 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.00 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

**Instrument :**
BNA_G
**ClientSampleId :**
C-8

Tgt Ion: 99 Resp: 271302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.5 | 14.1 | 21.1 |
| 71 | 43.5 | 26.1 | 39.1# |

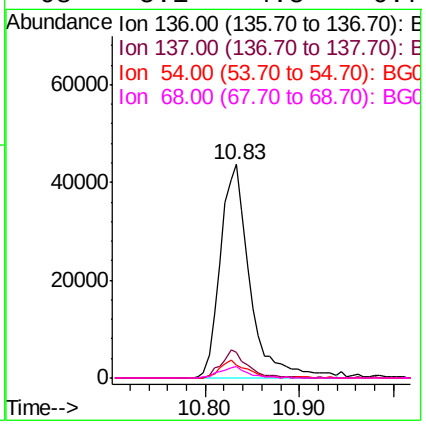


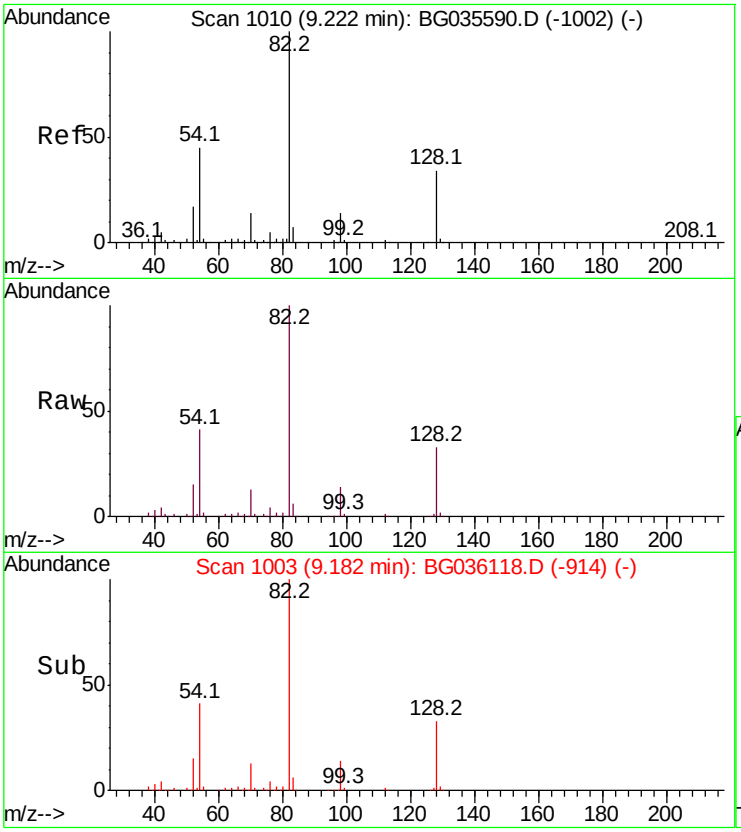




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

Tgt Ion:136 Resp: 95240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 9.2 | 13.8 |
| 54 | 6.1 | 10.3 | 15.5# |
| 68 | 5.1 | 4.5 | 6.7 |



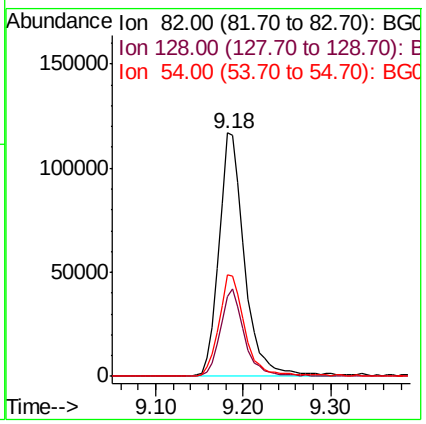


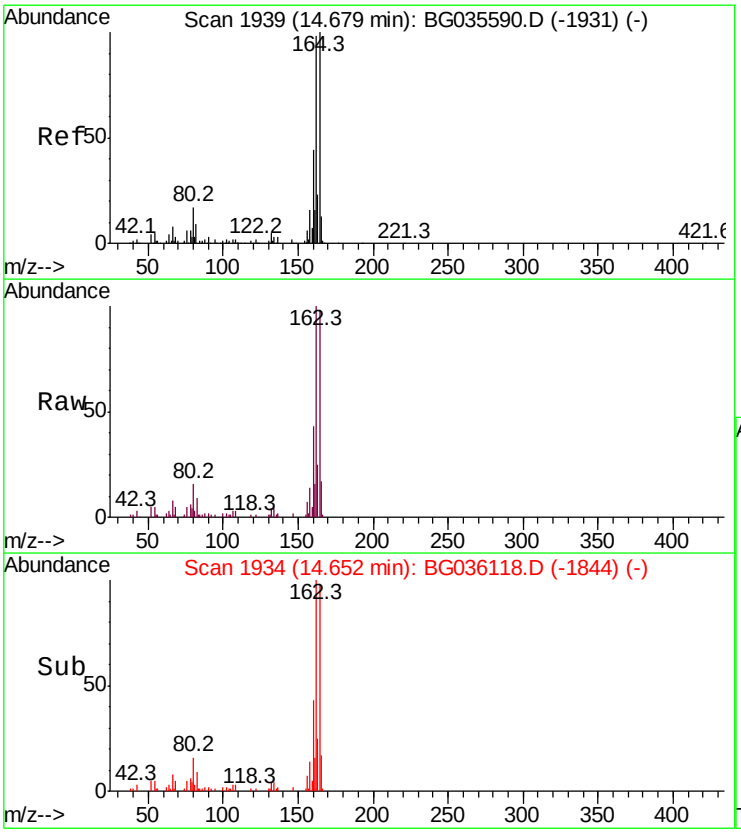

#23
Nitrobenzene-d5
Concen: 103.122 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

**Instrument :**
BNA_G
**ClientSampleId :**
C-8

Tgt Ion: 82 Resp: 235103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 32.6 | 29.7 | 44.5 |
| 54 | 41.5 | 43.1 | 64.7# |

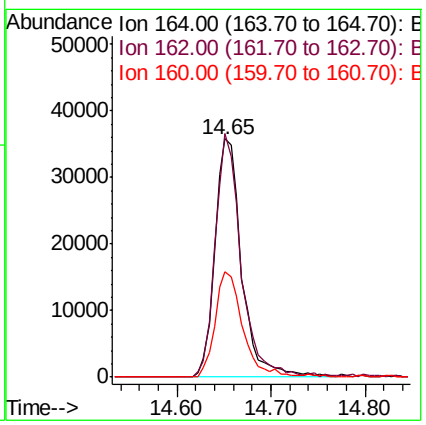


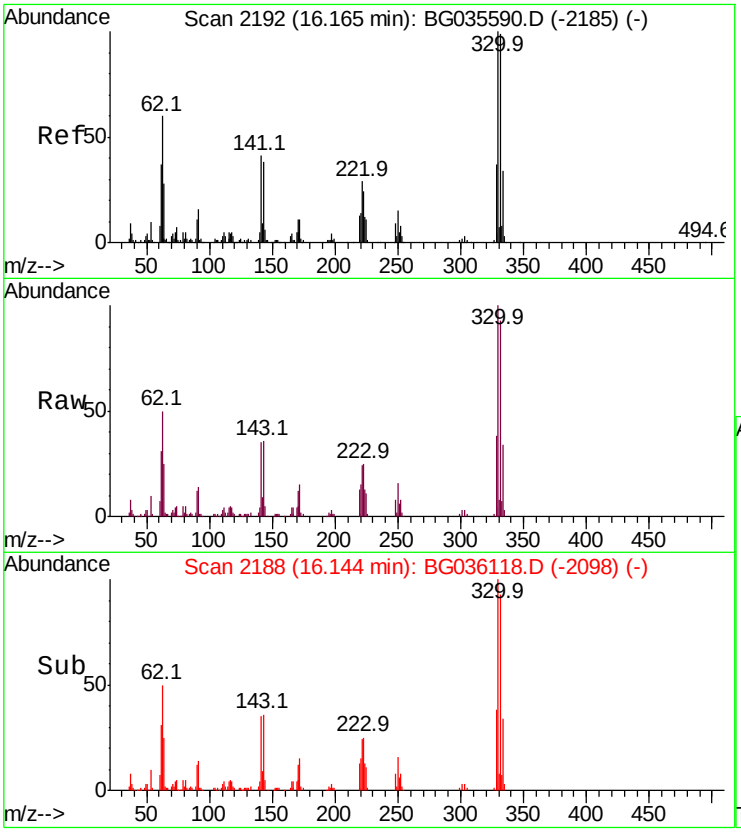




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

Tgt Ion:164 Resp: 71031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 78.8 | 118.2 |
| 160 | 44.3 | 35.4 | 53.0 |



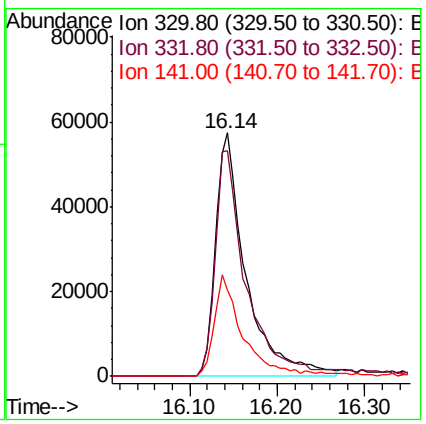


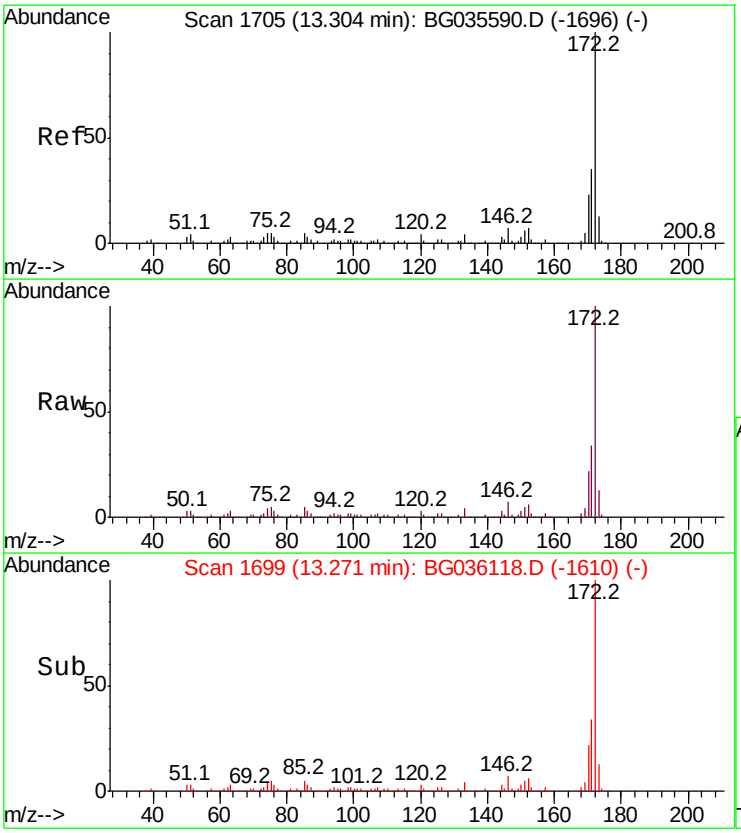

#41
2,4,6-Tribromophenol
Concen: 146.052 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

**Instrument :**
BNA_G
**ClientSampleId :**
C-8

Tgt Ion:330 Resp: 136739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.5 | 77.0 | 115.6 |
| 141 | 38.9 | 25.2 | 37.8# |

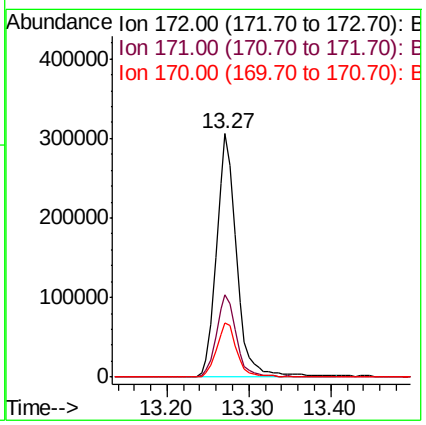


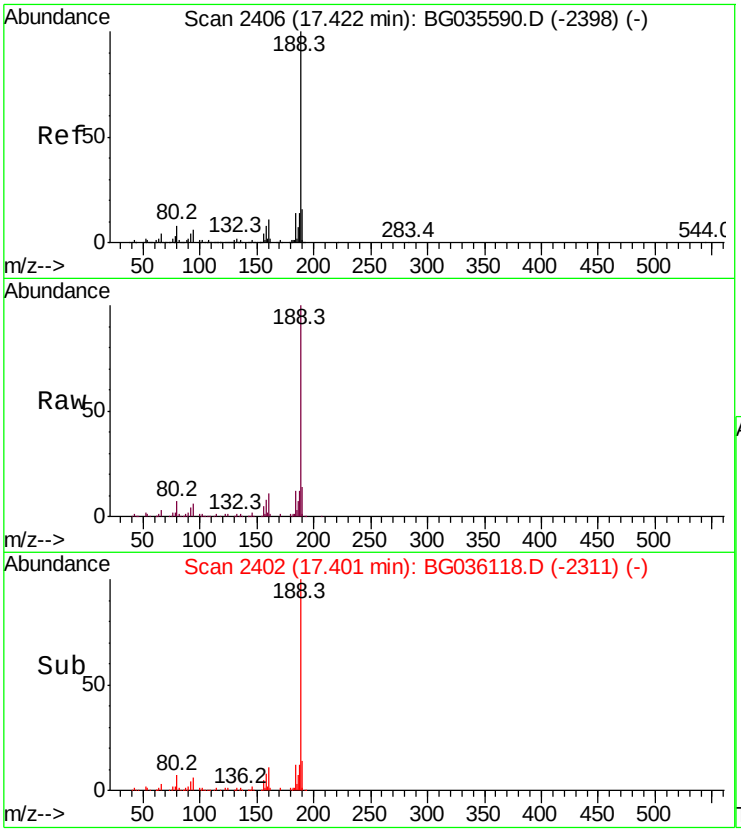




#44
2-Fluorobiphenyl
Concen: 98.857 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

Tgt Ion:172 Resp: 524123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.7 | 30.0 | 45.0 |
| 170 | 22.3 | 19.5 | 29.3 |



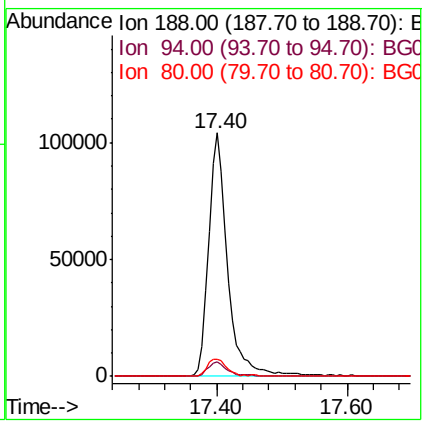


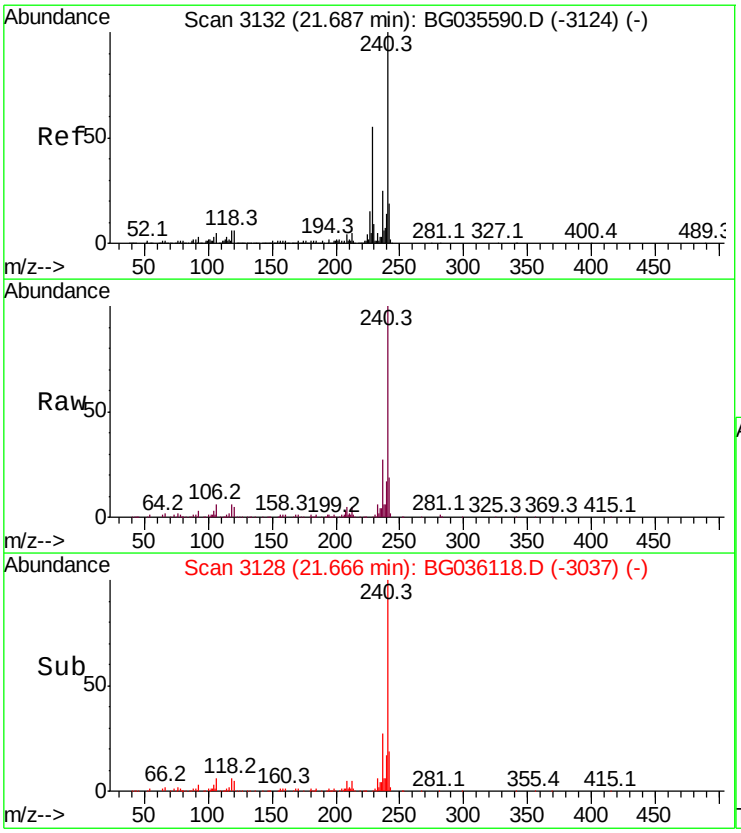

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

**Instrument :**
BNA_G
**ClientSampleId :**
C-8

Tgt Ion:188 Resp: 209645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.0 | 6.9 | 10.3# |
| 80 | 7.0 | 7.7 | 11.5# |

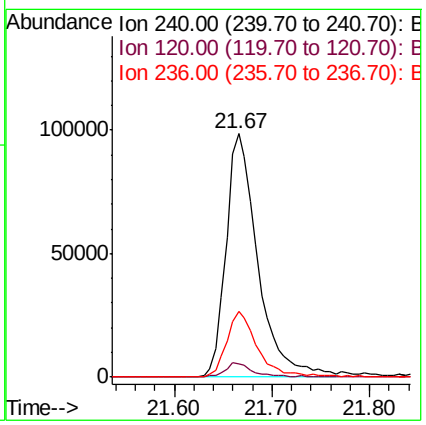


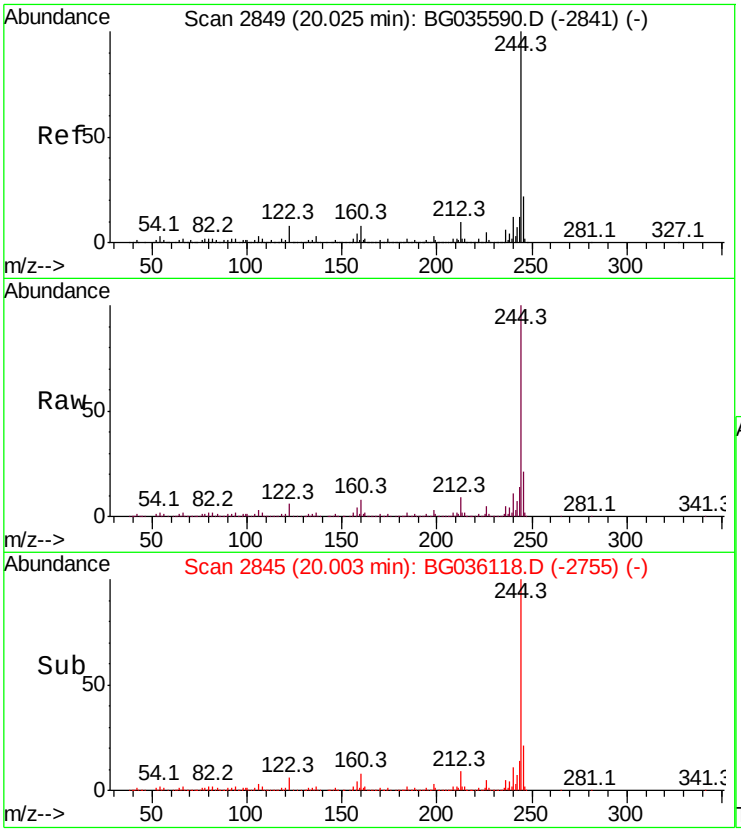




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

Tgt Ion:240 Resp: 223036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.4 | 6.8 | 10.2# |
| 236 | 27.1 | 20.9 | 31.3 |



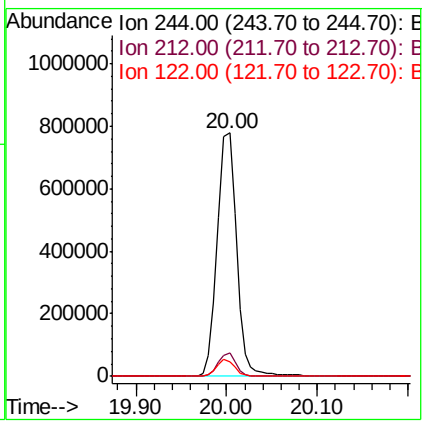


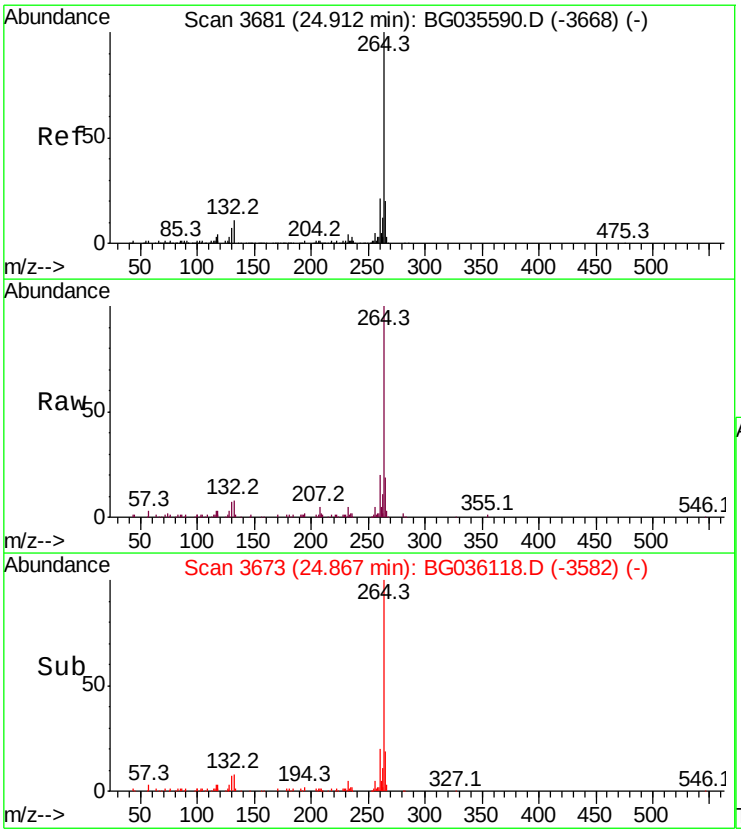

#78
Terphenyl-d14
Concen: 114.670 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

**Instrument :**
BNA_G
**ClientSampleId :**
C-8

Tgt Ion:244 Resp: 1160252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.5 | 5.8 | 8.8# |
| 122 | 6.1 | 7.0 | 10.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3673
Delta R.T. 0.01 min
Lab File: BG036118.D
Acq: 4 Aug 2018 7:20

Tgt Ion:264 Resp: 202913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 20.2 | 17.4 | 26.0 |
| 265 | 18.9 | 17.7 | 26.5 |