Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038646.D
Acq On : 16 Dec 2018 18:45
Operator : JU/SJ
Sample : J6391-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P001-SS015-1824-01

Quant Time: Dec 17 06:24:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 22184 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.88 | 136 | 91762 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.70 | 164 | 60486 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.44 | 188 | 144578 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.72 | 240 | 147419 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 25.01 | 264 | 155968 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 204668 | 163.64 | ng | 0.00 |
| 7) Phenol-d6 | 7.21 | 99 | 279833 | 162.97 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 183208 | 102.00 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 121782 | 146.09 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.32 | 172 | 410872 | 93.19 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.04 | 244 | 655212 | 96.73 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.24 | 94 | 14614 | 8.011 | ng | 96 |
| 50) Dimethylphthalate | 14.15 | 163 | 18908 | 3.828 | ng | 99 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038646.D
Acq On : 16 Dec 2018 18:45
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Sample : J6391-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
P001-SS015-1824-01

Quant Time: Dec 17 06:24:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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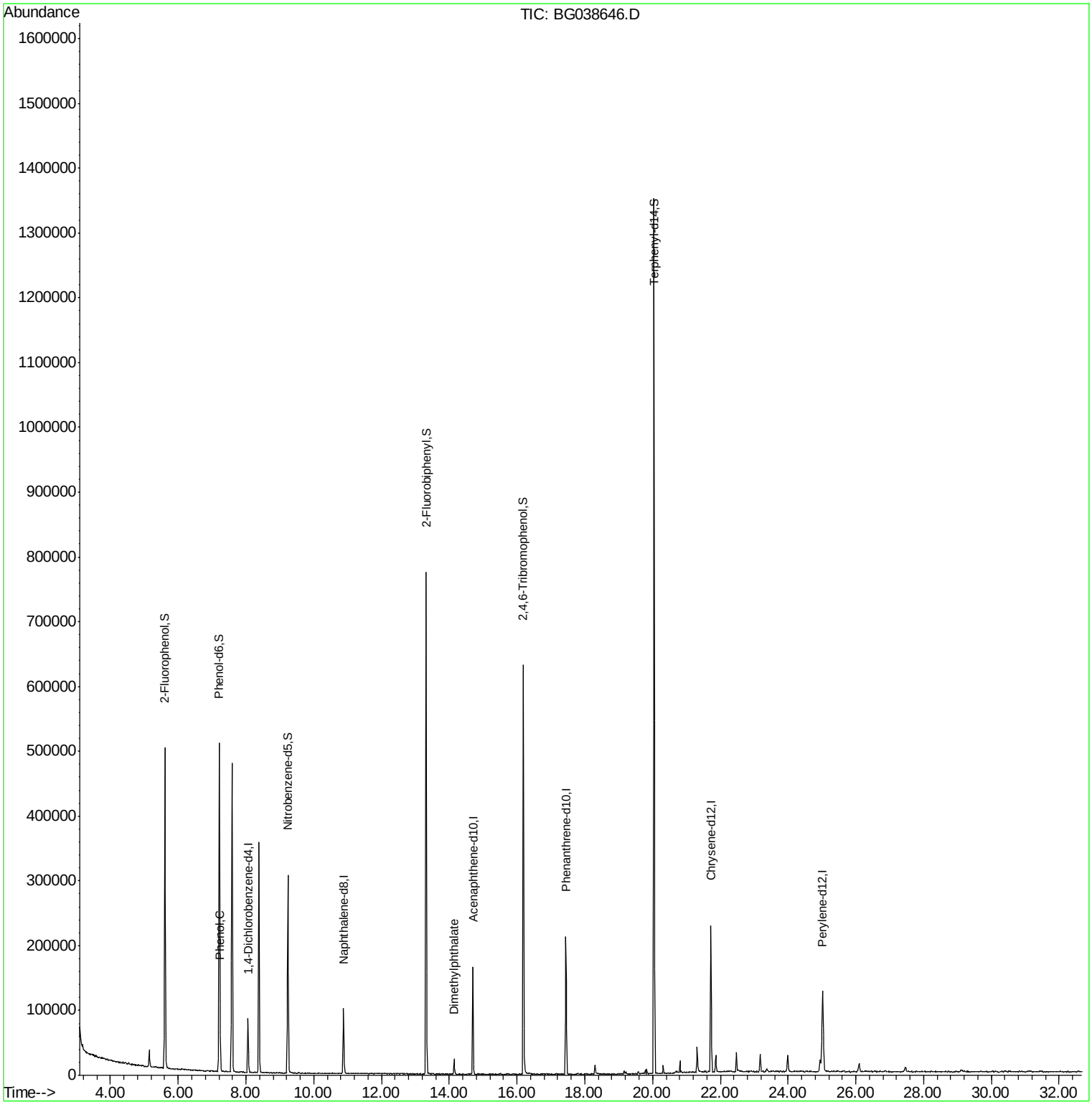
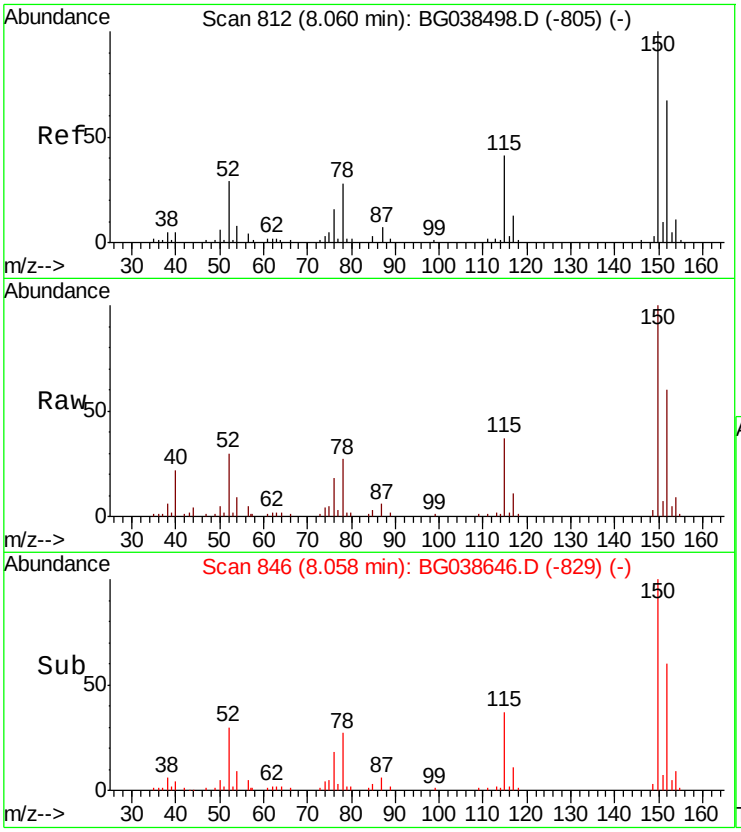
Response via : Initial Calibration



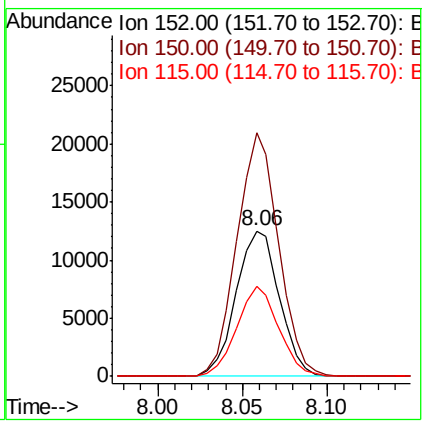


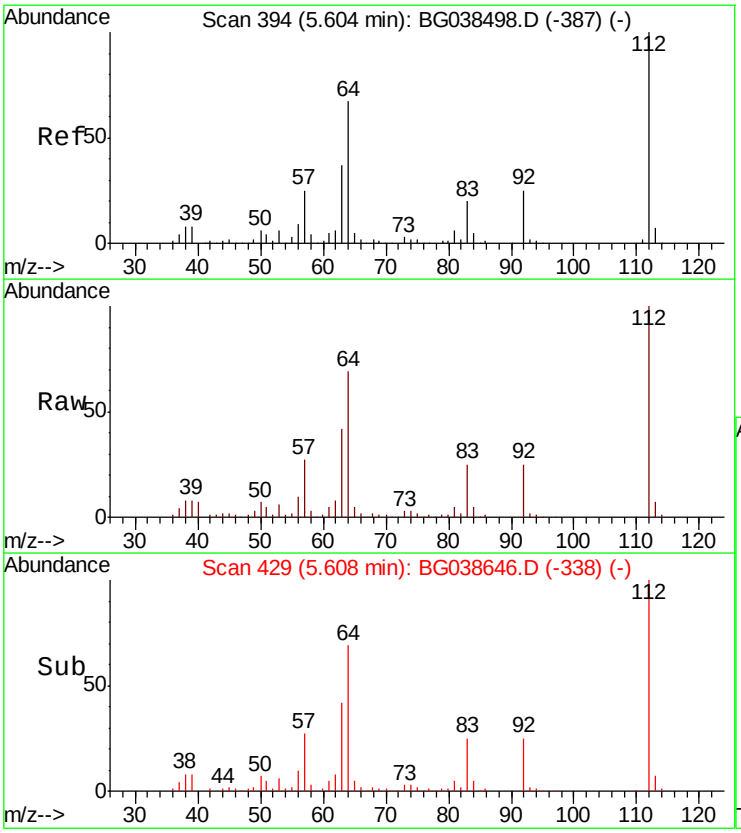

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
P001-SS015-1824-01

Tgt Ion:152 Resp: 22184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 167.7 | 119.5 | 179.3 |
| 115 | 61.9 | 49.6 | 74.4 |

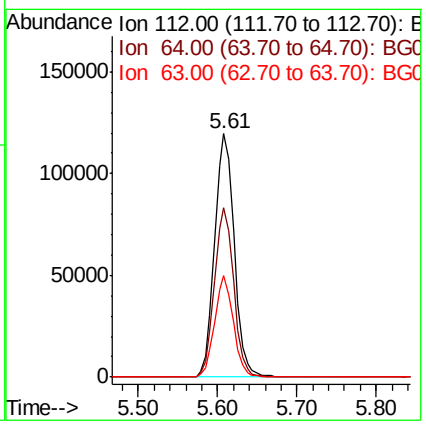


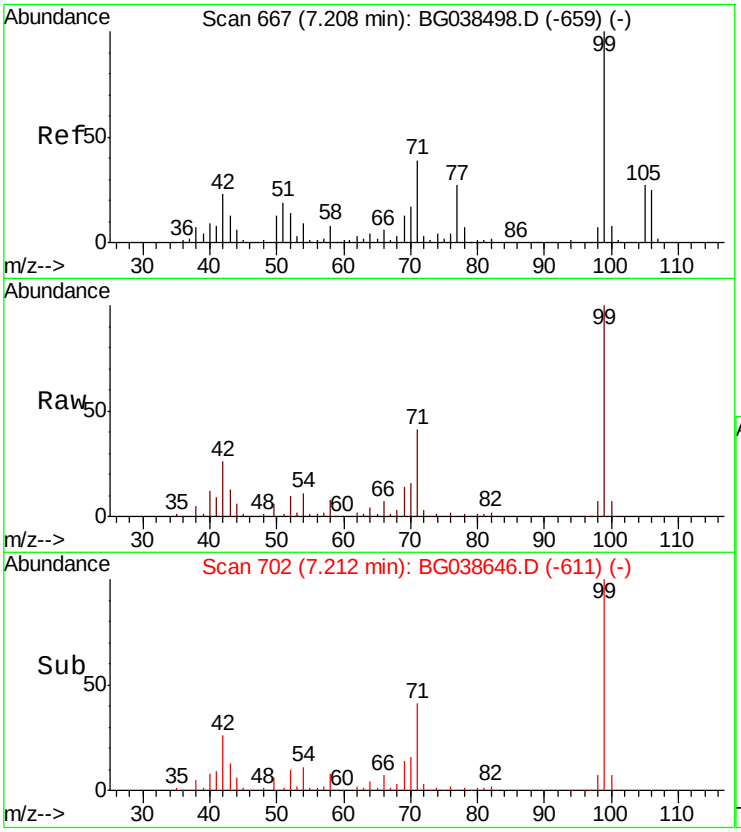




#5
2-Fluorophenol
Concen: 163.636 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion:112 Resp: 204668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.5 | 53.4 | 80.2 |
| 63 | 41.6 | 29.3 | 43.9 |



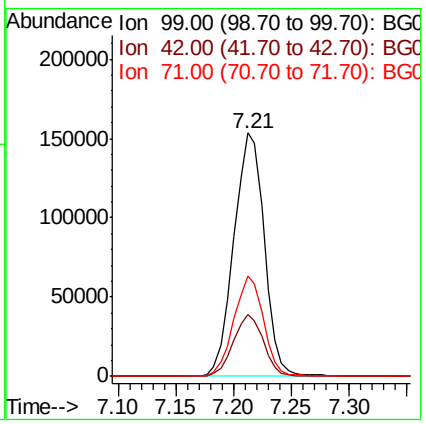


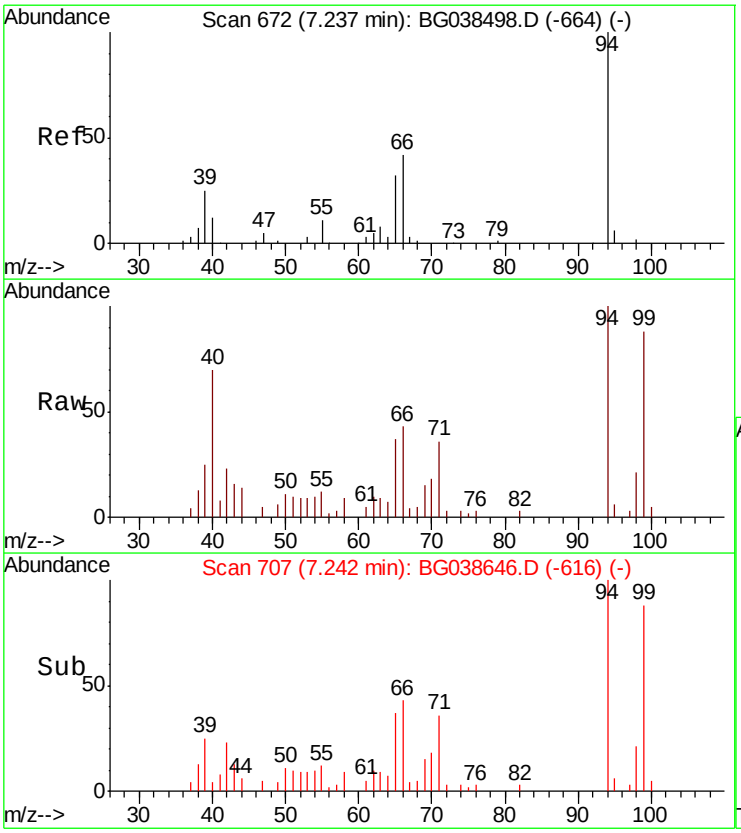

#7
Phenol-d6
Concen: 162.974 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
P001-SS015-1824-01

Tgt Ion: 99 Resp: 279833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.6 | 18.5 | 27.7 |
| 71 | 41.1 | 31.1 | 46.7 |

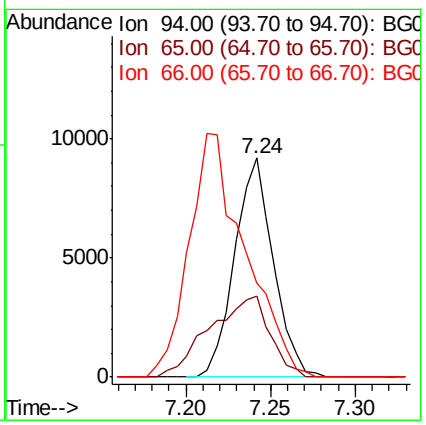


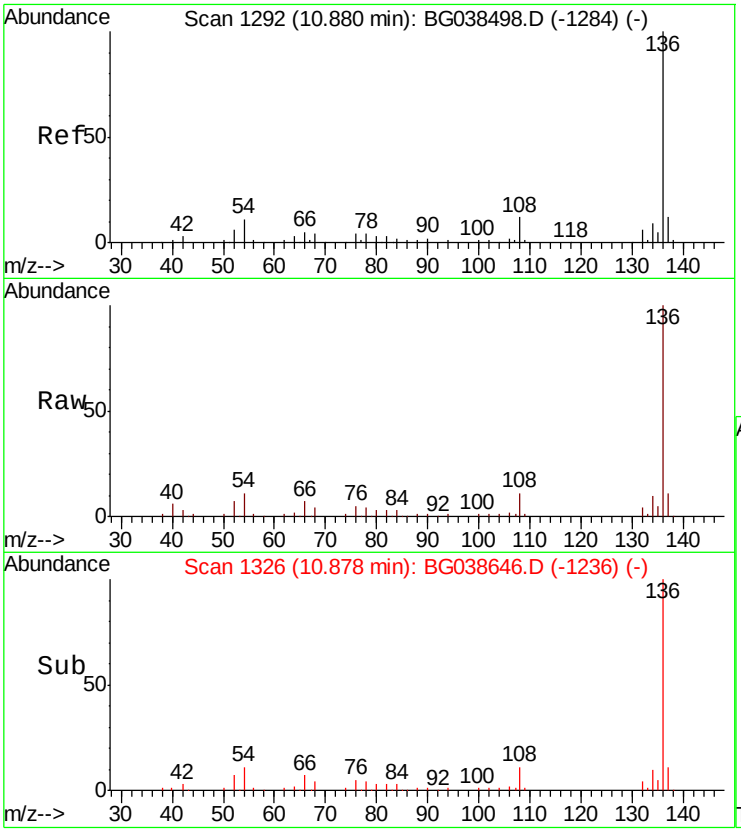




#10
Phenol
Concen: 8.011 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion: 94 Resp: 14614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.0 | 12.6 | 52.6 |
| 66 | 42.9 | 24.1 | 64.1 |



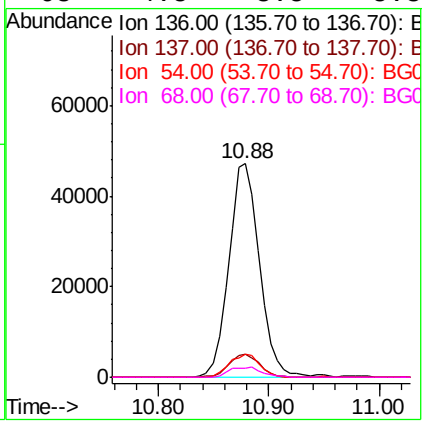


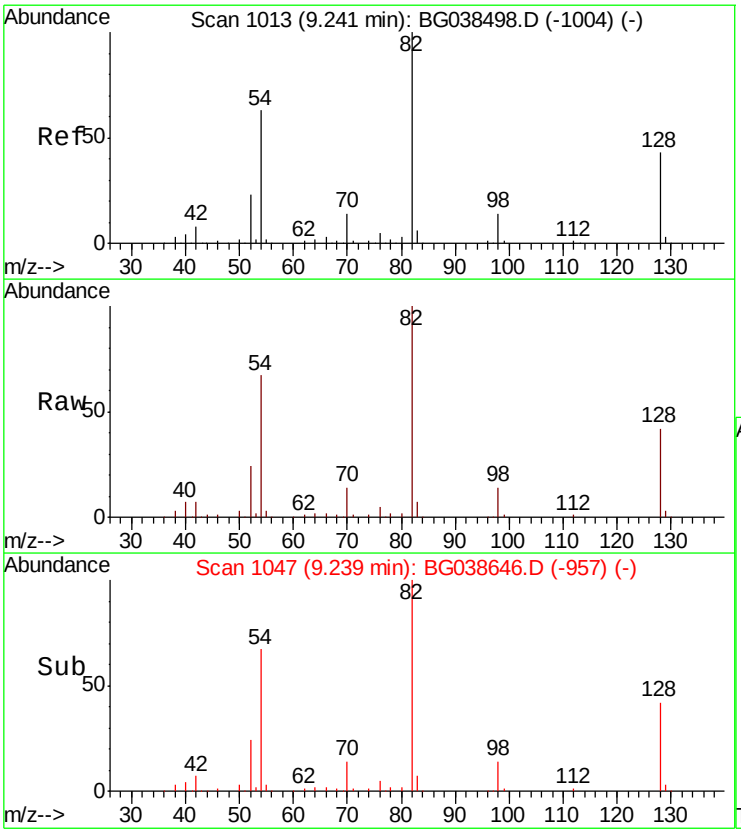

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
P001-SS015-1824-01

Tgt Ion:136 Resp: 91762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.3 | 13.9 |
| 54 | 11.0 | 8.5 | 12.7 |
| 68 | 4.5 | 3.5 | 5.3 |

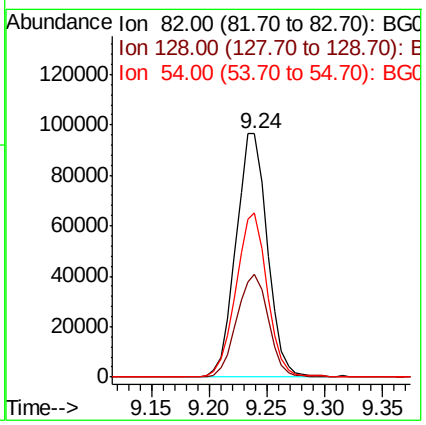


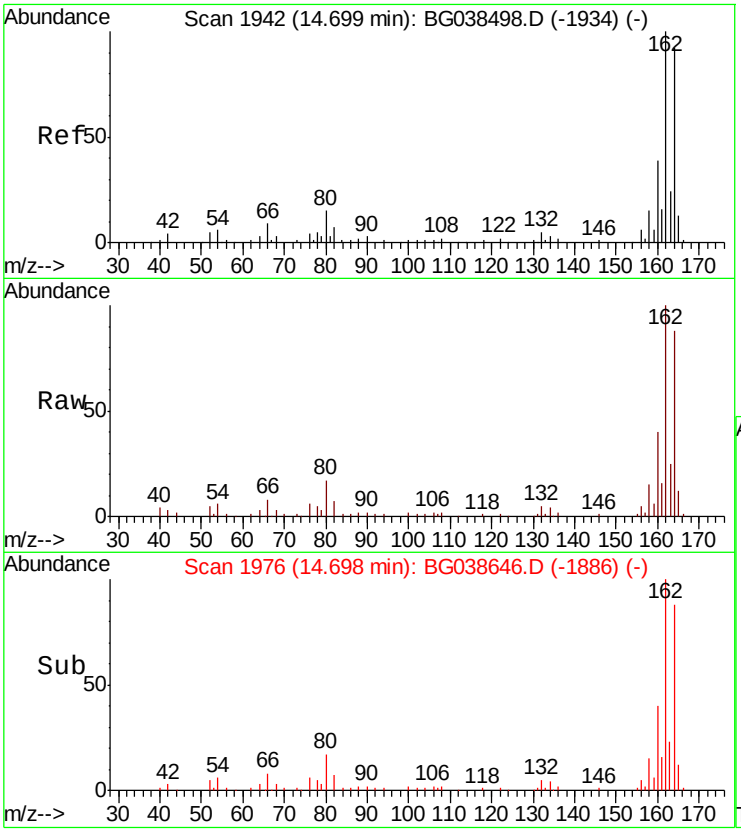




#23
Nitrobenzene-d5
Concen: 101.998 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion: 82 Resp: 183208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.1 | 34.6 | 52.0 |
| 54 | 67.3 | 50.6 | 76.0 |



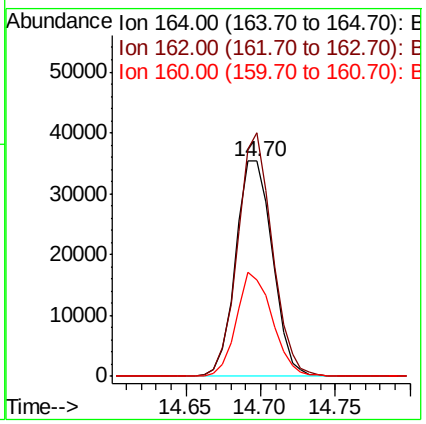


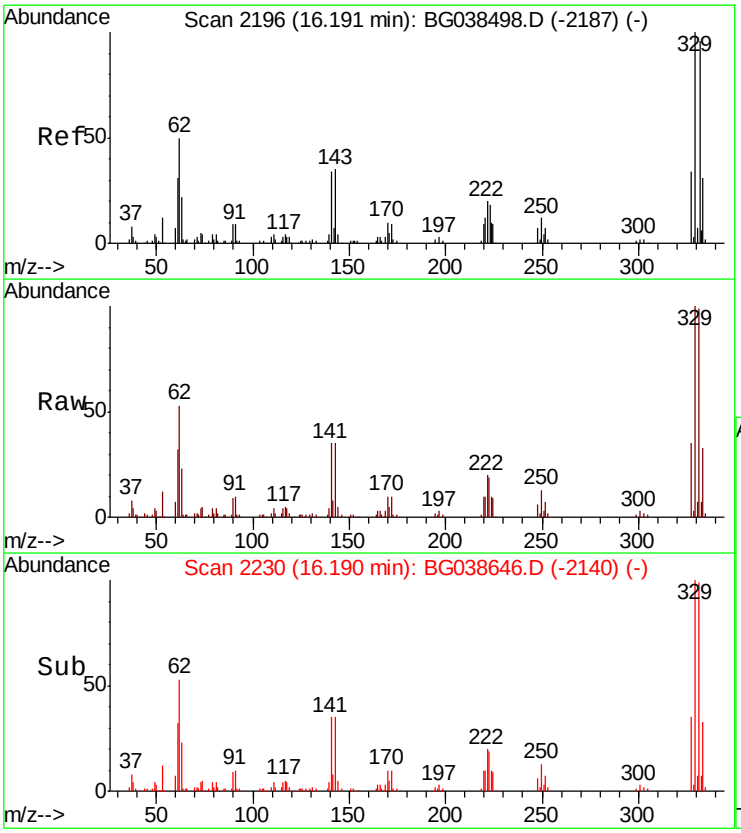

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
P001-SS015-1824-01

Tgt Ion:164 Resp: 60486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 113.1 | 86.6 | 130.0 |
| 160 | 44.8 | 34.2 | 51.2 |

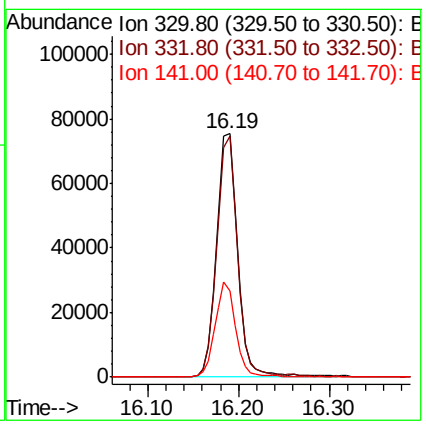


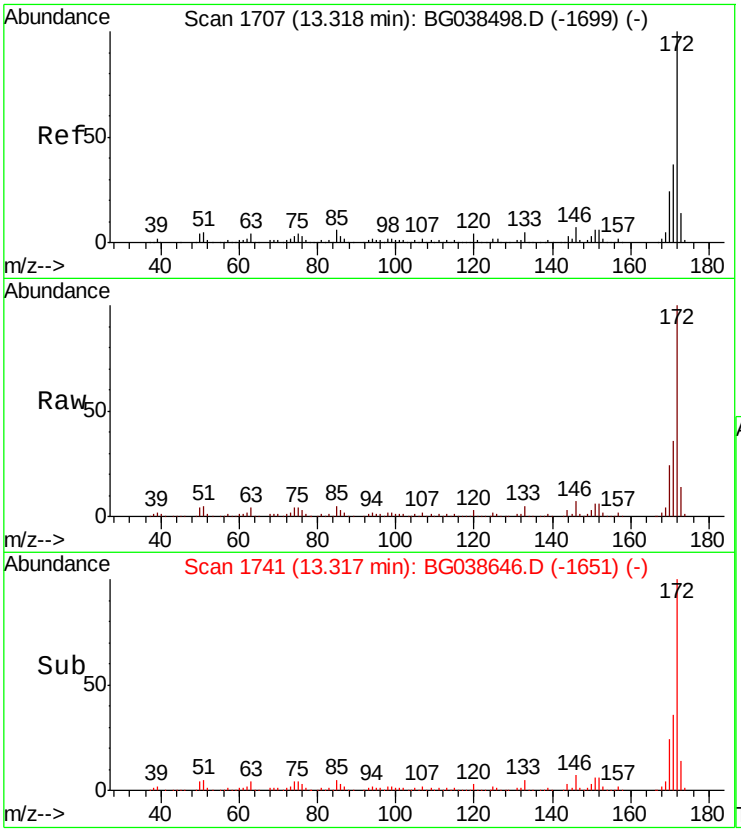




#42
2,4,6-Tribromophenol
Concen: 146.091 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion:330 Resp: 121782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.9 | 115.3 |
| 141 | 37.5 | 28.8 | 43.2 |



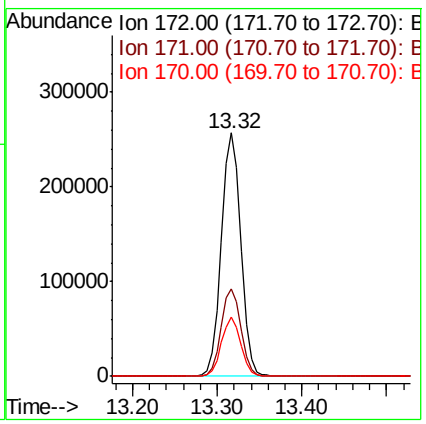


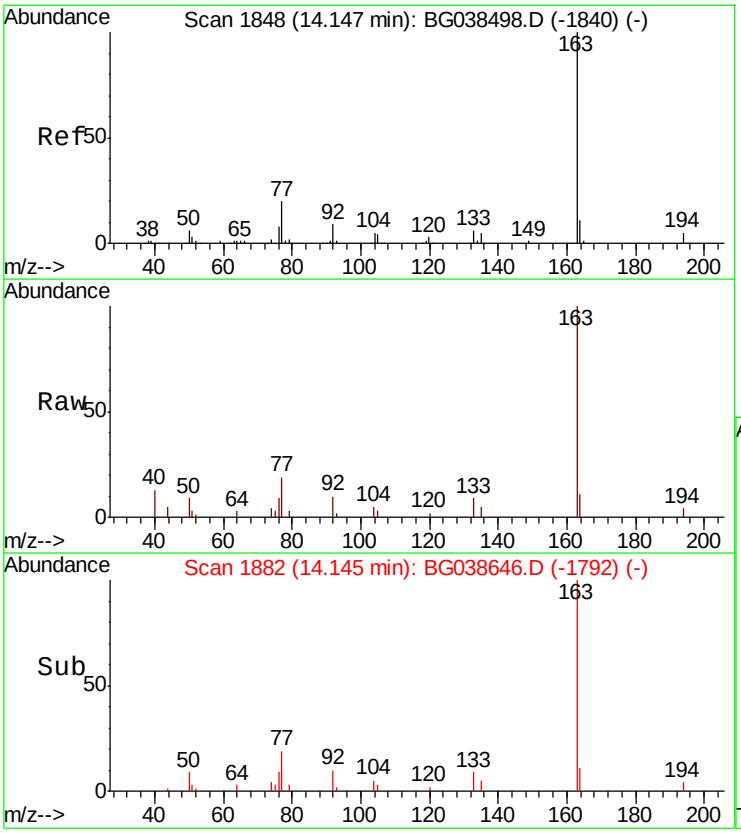

#45
2-Fluorobiphenyl
Concen: 93.188 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
P001-SS015-1824-01

Tgt Ion:172 Resp: 410872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.8 | 44.6 |
| 170 | 24.1 | 19.5 | 29.3 |

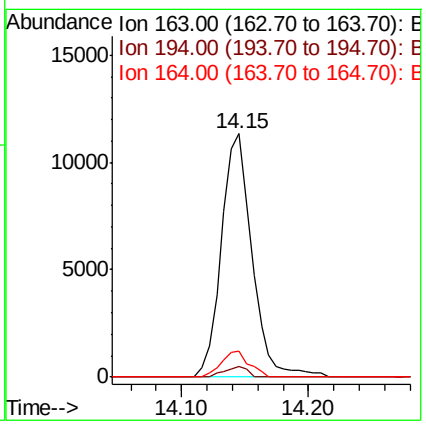


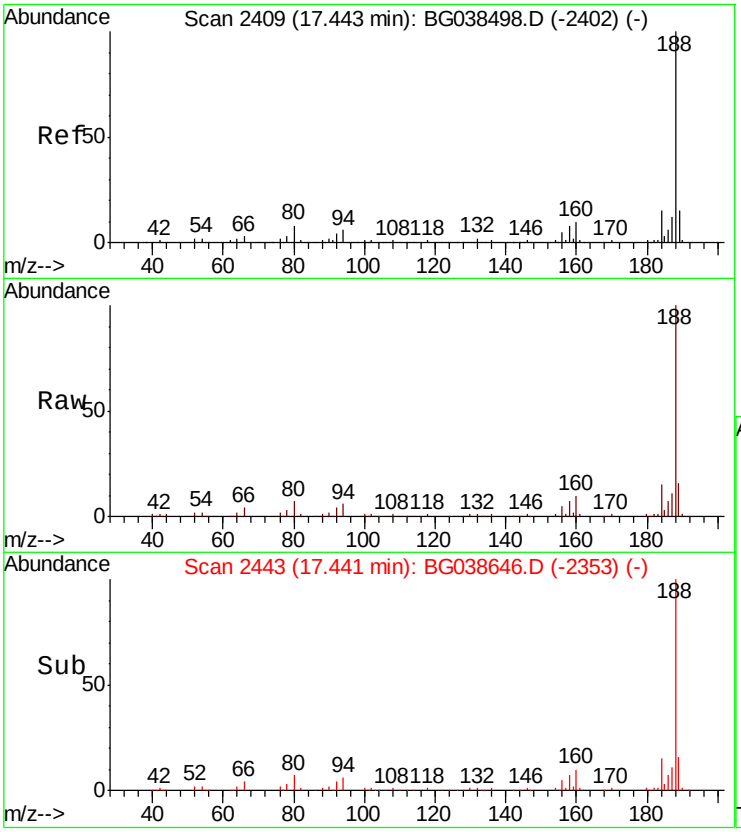




#50
Dimethylphthalate
Concen: 3.828 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion:163 Resp: 18908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.7 | 5.5 |
| 164 | 10.6 | 8.6 | 12.8 |



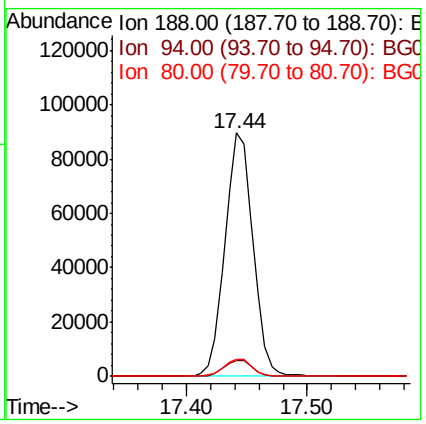


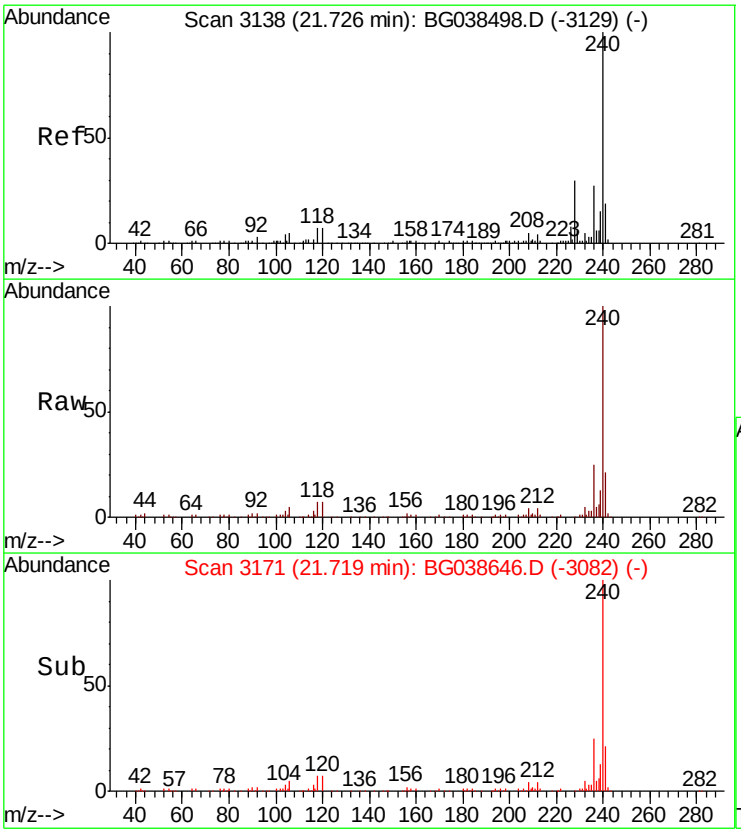

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
P001-SS015-1824-01

Tgt Ion:188 Resp: 144578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.3 | 5.1 | 7.7 |
| 80 | 7.2 | 6.1 | 9.1 |

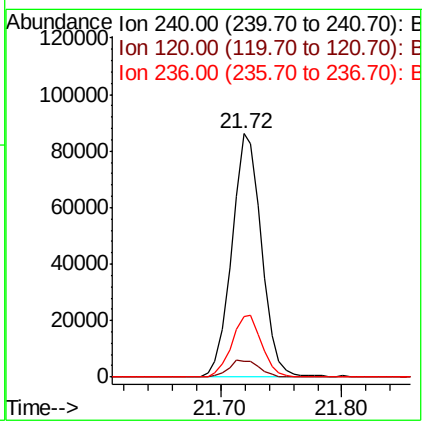


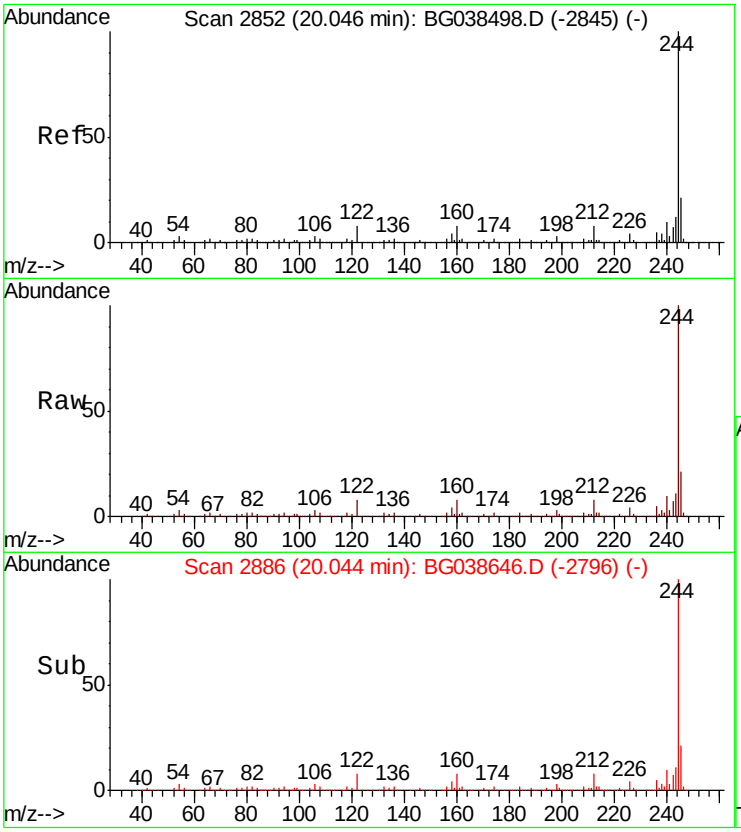




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion:240 Resp: 147419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.6 | 5.3 | 7.9 |
| 236 | 25.0 | 21.4 | 32.2 |



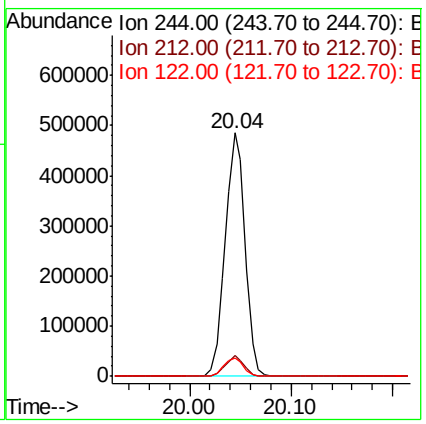


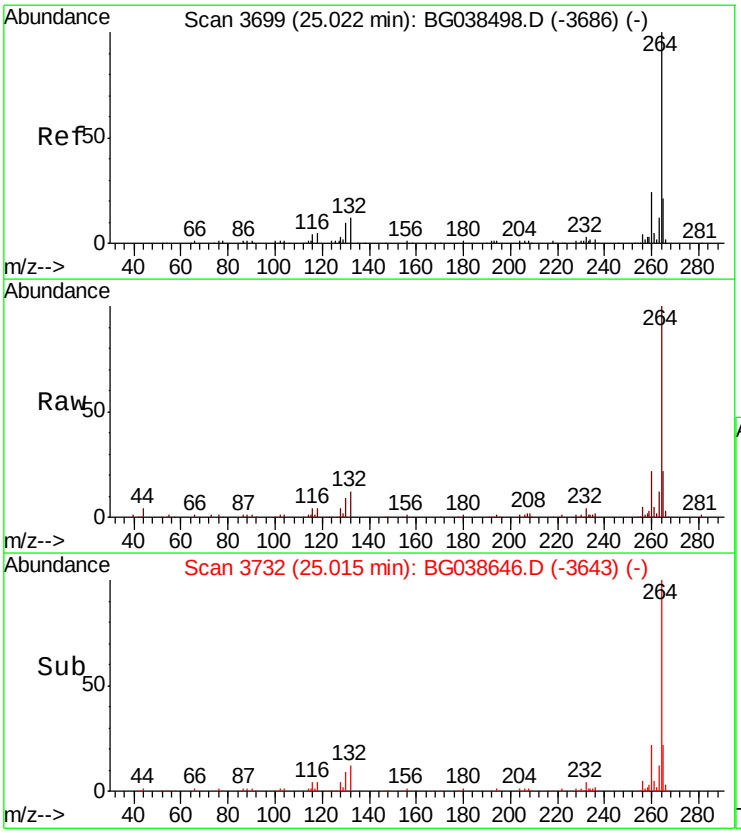

#79
Terphenyl-d14
Concen: 96.728 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
P001-SS015-1824-01

Tgt Ion:244 Resp: 655212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 6.2 | 9.2 |
| 122 | 7.7 | 6.3 | 9.5 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion:264 Resp: 155968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.2 | 18.9 | 28.3 |
| 265 | 21.6 | 17.0 | 25.4 |