Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036382.D
Acq On : 23 Aug 2018 18:12
Operator : JU/SJ
Sample : PB112153BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 24 03:32:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 48845 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.88 | 136 | 201194 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.69 | 164 | 132129 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.44 | 188 | 351229 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.70 | 240 | 420736 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.93 | 264 | 422137 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 316657 | 102.84 | ng | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 440997 | 100.03 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.23 | 82 | 252657 | 68.13 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.18 | 330 | 173452 | 110.02 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.32 | 172 | 629854 | 68.06 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.04 | 244 | 1246332 | 69.24 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 9.23 | 70 | 33527 | 10.176 | ng | # 71 |
| 50) 2,6-Dinitrotoluene | 14.69 | 165 | 16463 | 7.415 | ng | # 21 |
| 56) 2,4-Dinitrotoluene | 14.69 | 165 | 16463 | 5.690 | ng | # 19 |
| 66) 4-Bromophenyl-phenylether | 16.18 | 248 | 12186 | 2.963 | ng | # 1 |

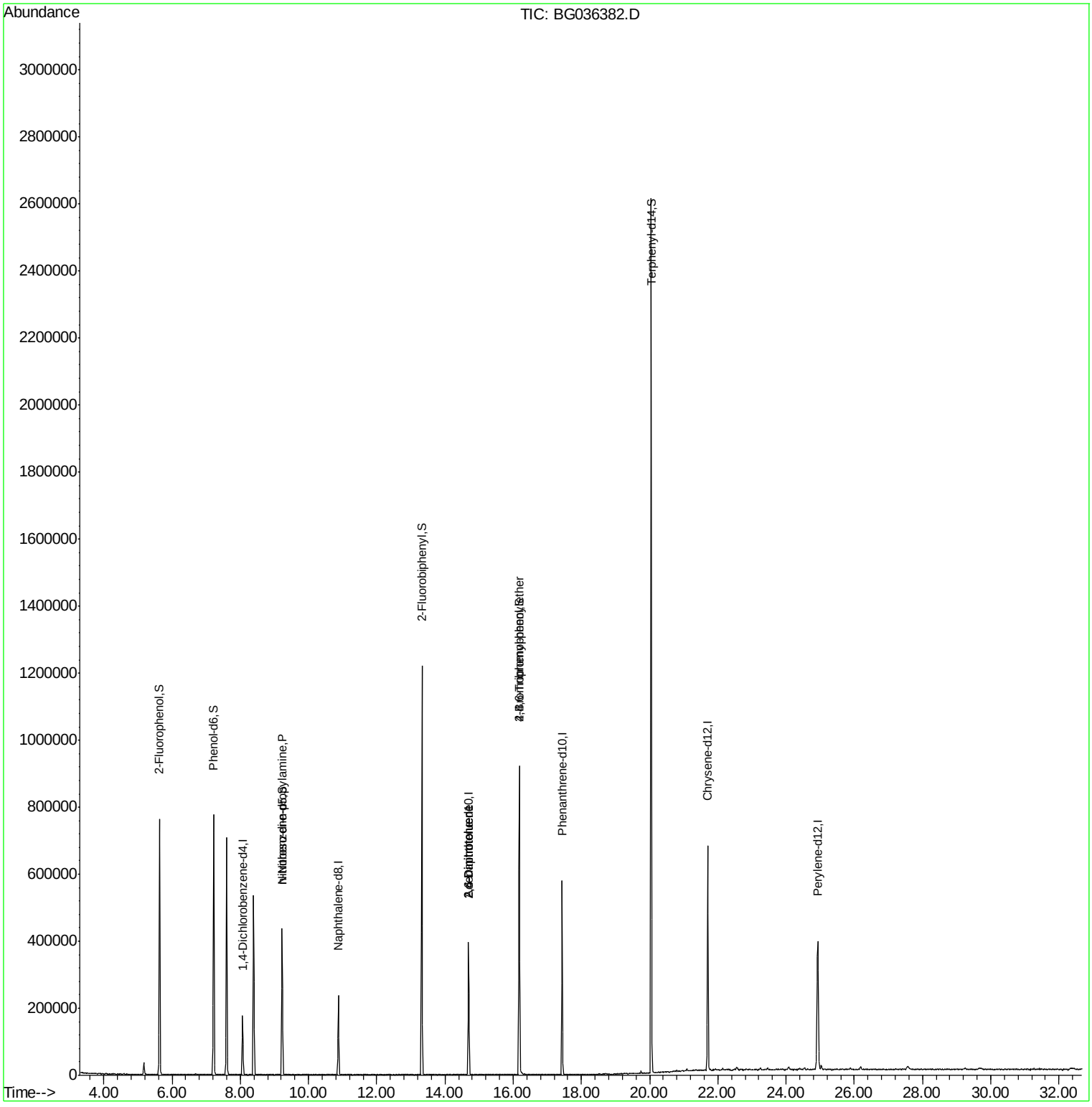
(#) = qualifier out of range (m) = manual integration (+) = signals summed

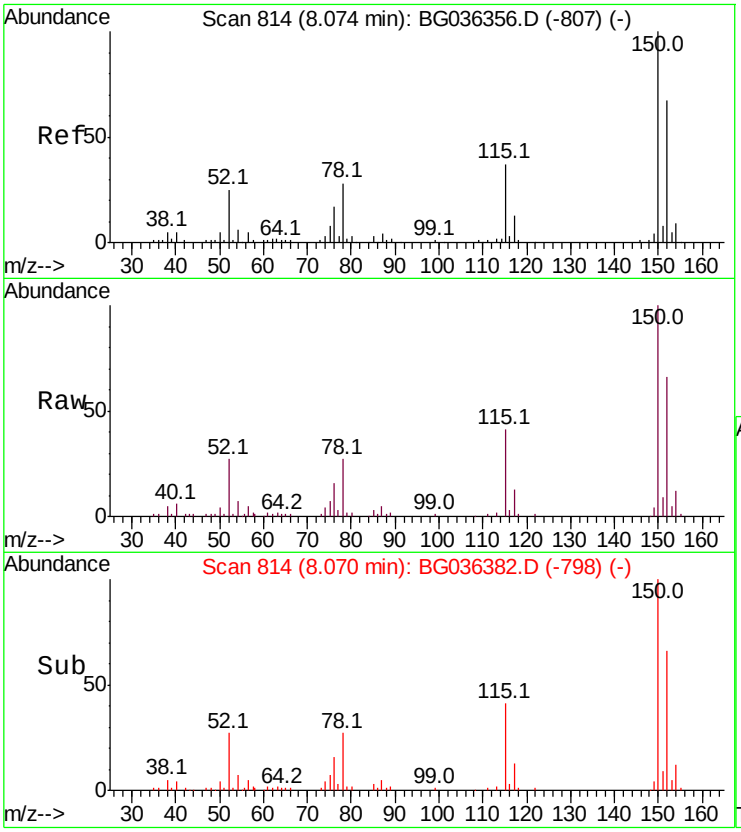
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036382.D
Acq On : 23 Aug 2018 18:12
Operator : JU/SJ
Sample : PB112153BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 24 03:32:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration



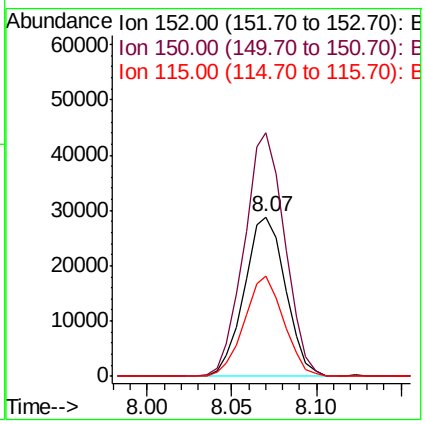


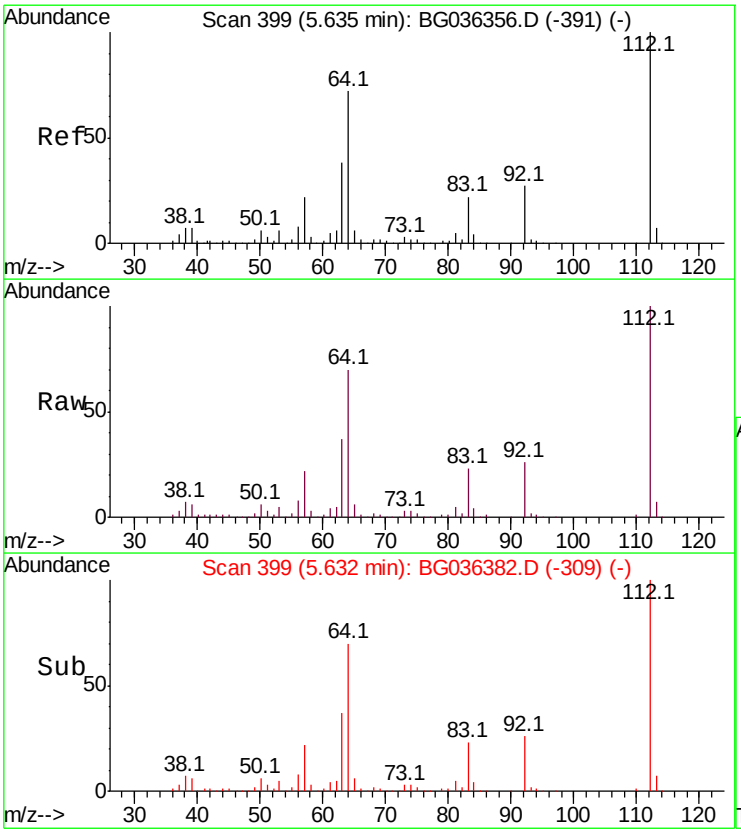

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

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

Tgt Ion:152 Resp: 48845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.4 | 119.5 | 179.3 |
| 115 | 62.6 | 44.5 | 66.7 |

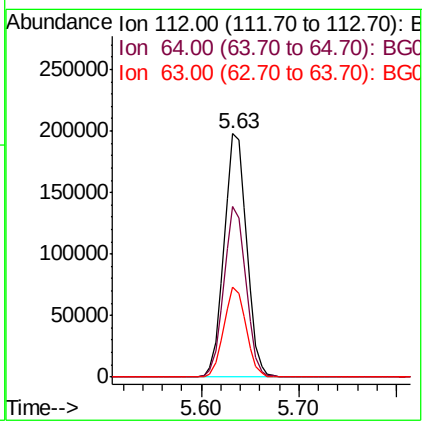


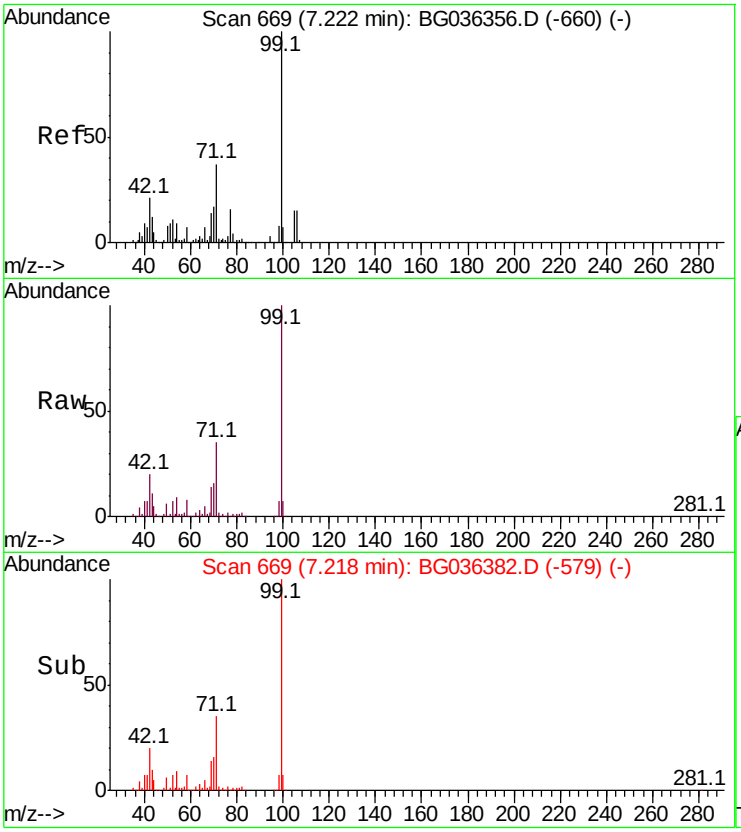




#5
2-Fluorophenol
Concen: 102.838 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:112 Resp: 316657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.1 | 57.2 | 85.8 |
| 63 | 37.2 | 30.8 | 46.2 |



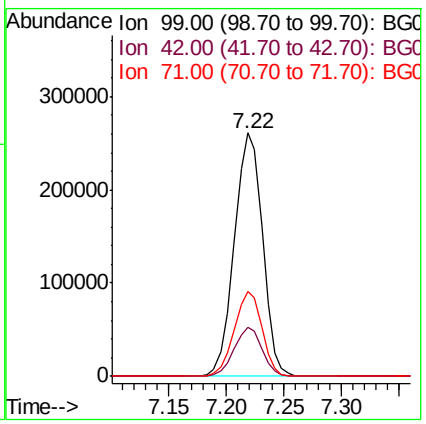


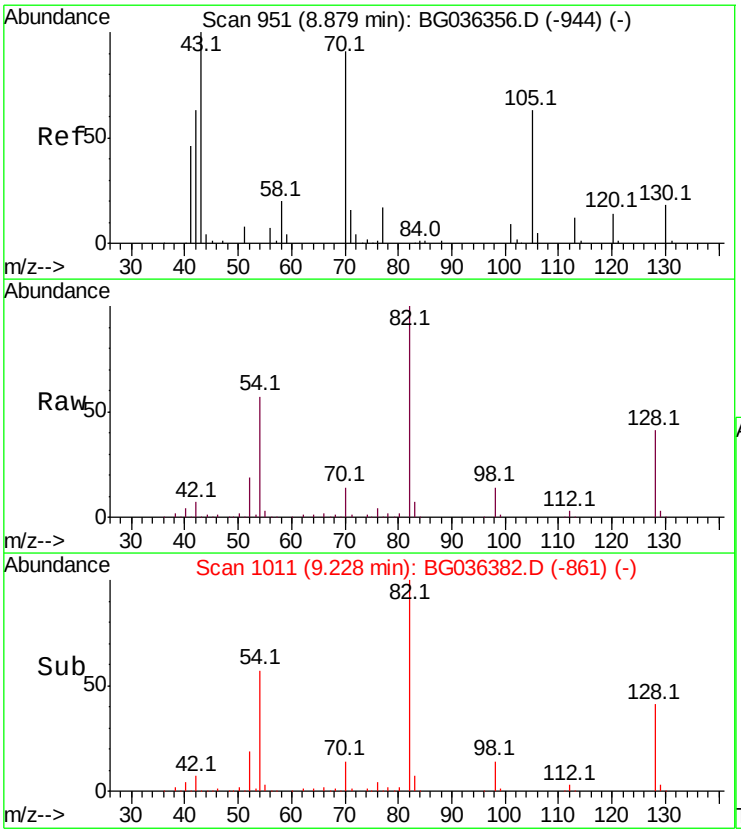

#7
Phenol-d6
Concen: 100.030 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

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

Tgt Ion: 99 Resp: 440997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.1 | 16.5 | 24.7 |
| 71 | 35.0 | 29.4 | 44.2 |

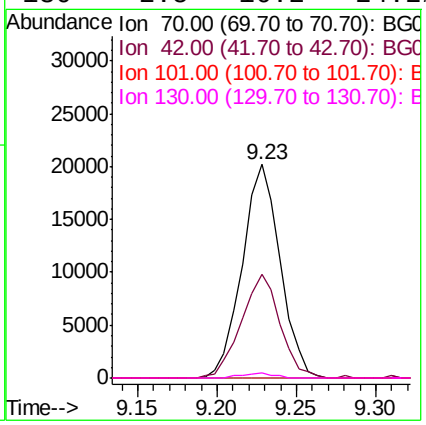


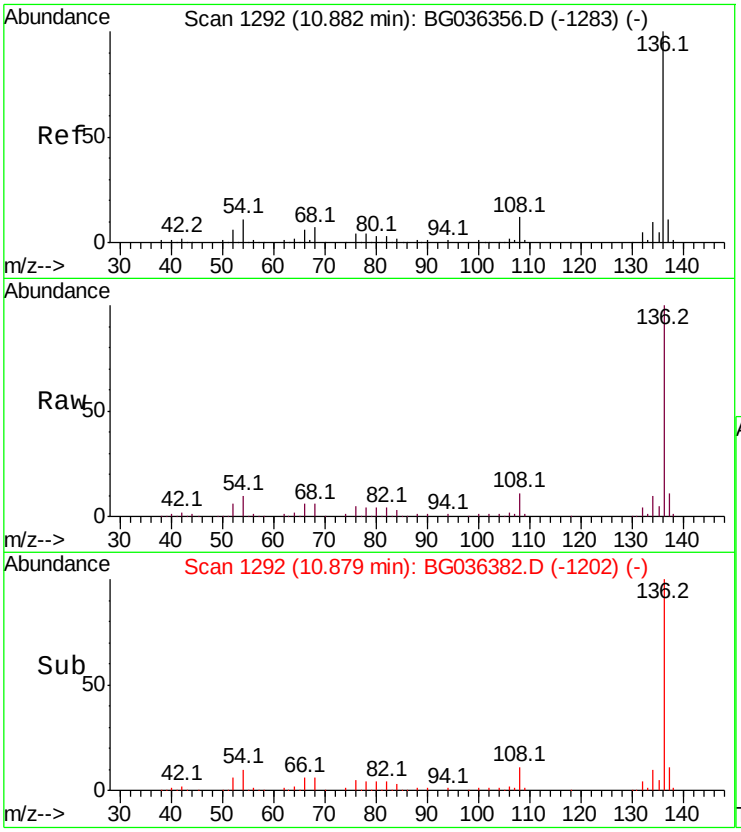




#19
n-Nitroso-di-n-propylamine
Concen: 10.176 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion: 70 Resp: 33527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.6 | 56.2 | 84.4# |
| 101 | 0.0 | 7.8 | 11.6# |
| 130 | 2.5 | 16.2 | 24.2# |



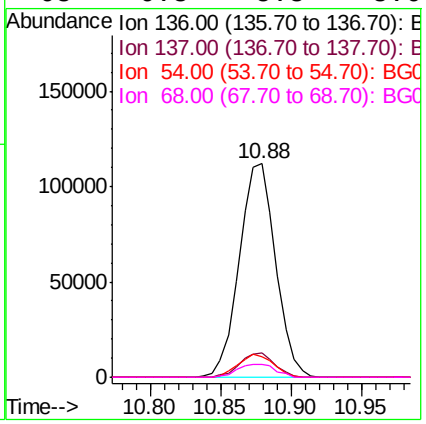


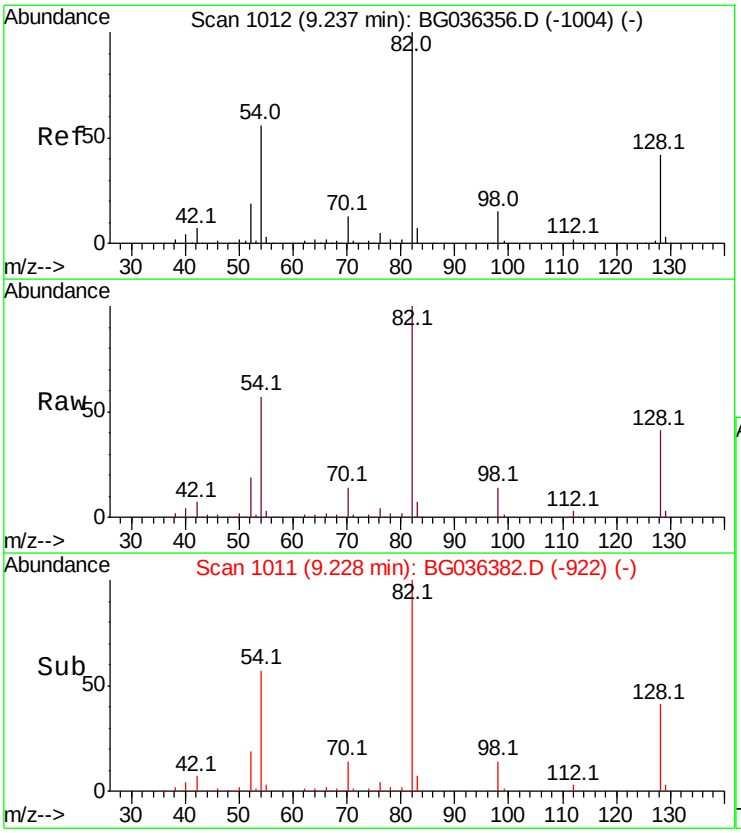

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

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

Tgt Ion:136 Resp: 201194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 9.8 | 9.2 | 13.8 |
| 68 | 6.3 | 5.8 | 8.6 |

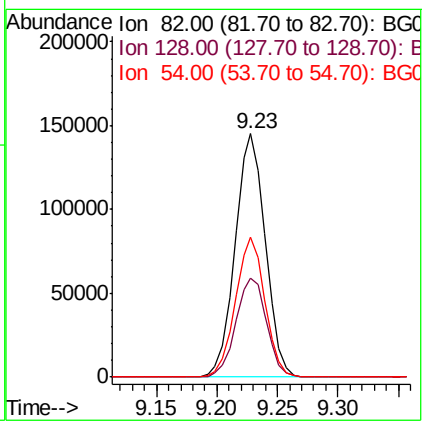


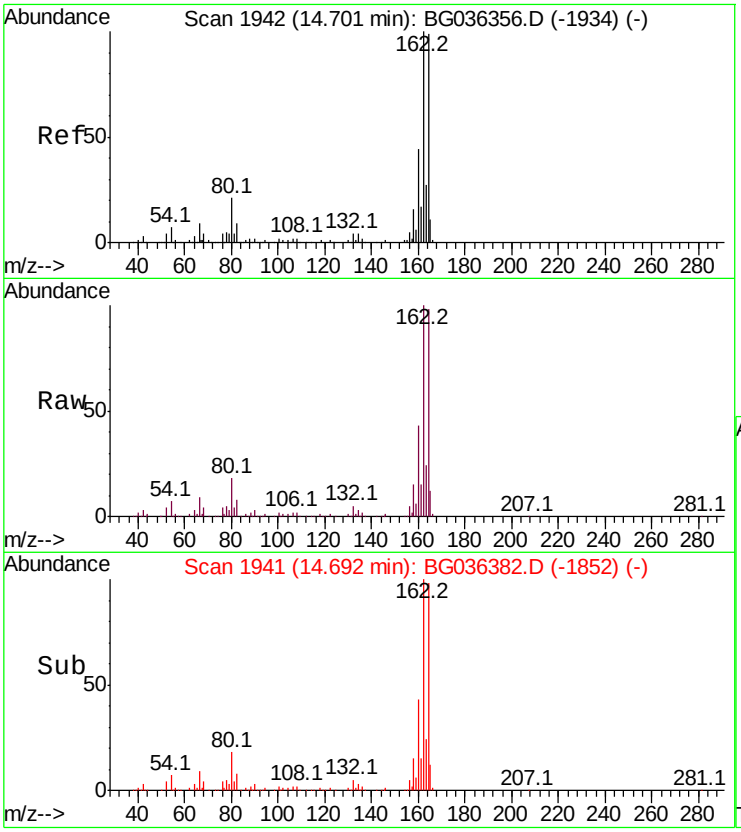




#23
Nitrobenzene-d5
Concen: 68.135 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion: 82 Resp: 252657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.9 | 33.3 | 49.9 |
| 54 | 57.4 | 45.1 | 67.7 |



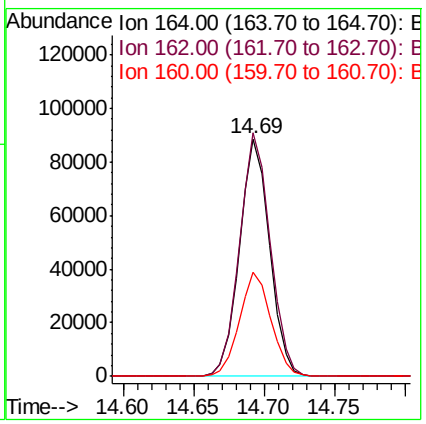


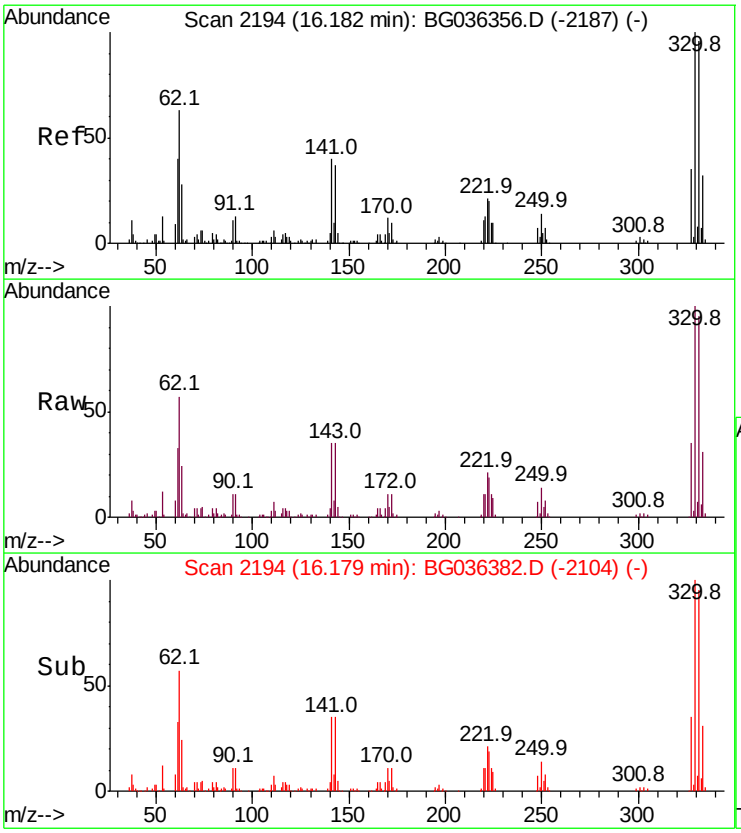

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

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

Tgt Ion:164 Resp: 132129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 80.7 | 121.1 |
| 160 | 44.0 | 35.3 | 52.9 |

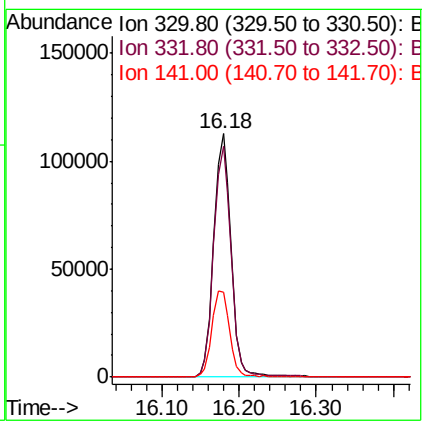


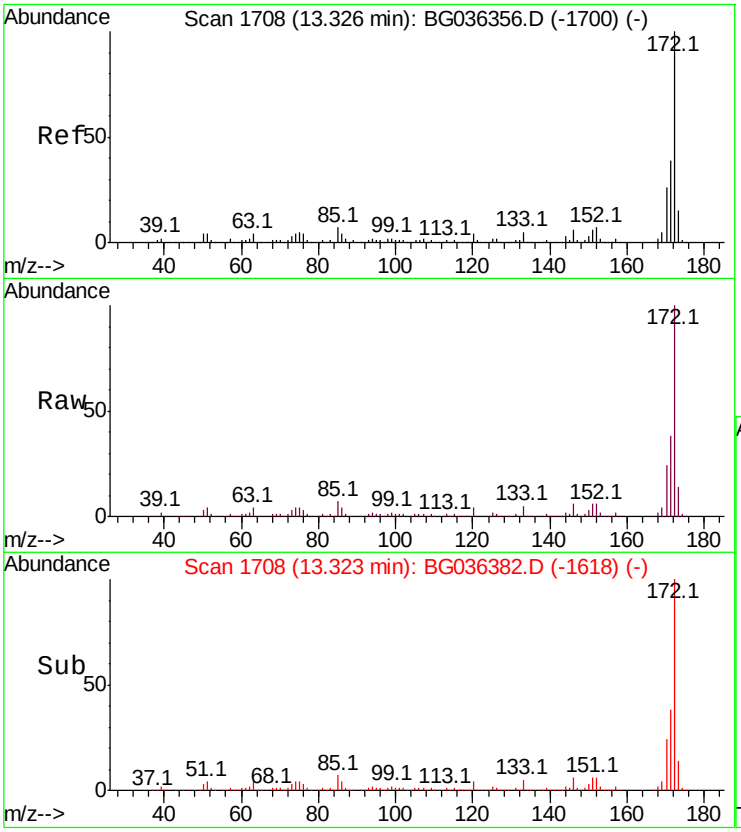




#41
2,4,6-Tribromophenol
Concen: 110.017 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:330 Resp: 173452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 75.4 | 113.2 |
| 141 | 36.3 | 30.7 | 46.1 |



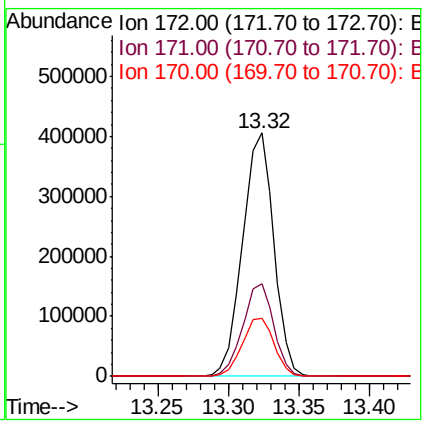


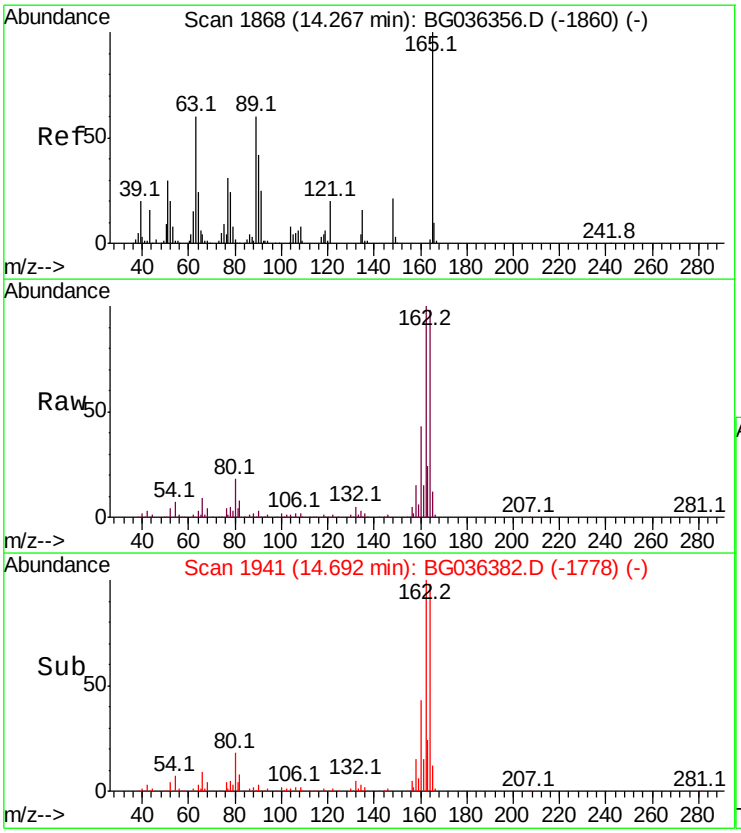

#44
2-Fluorobiphenyl
Concen: 68.064 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

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

Tgt Ion:172 Resp: 629854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.1 | 31.3 | 46.9 |
| 170 | 24.1 | 21.0 | 31.6 |

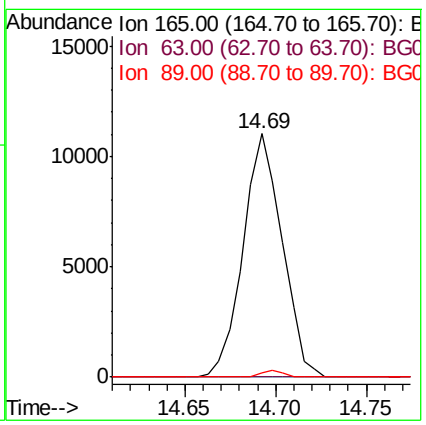


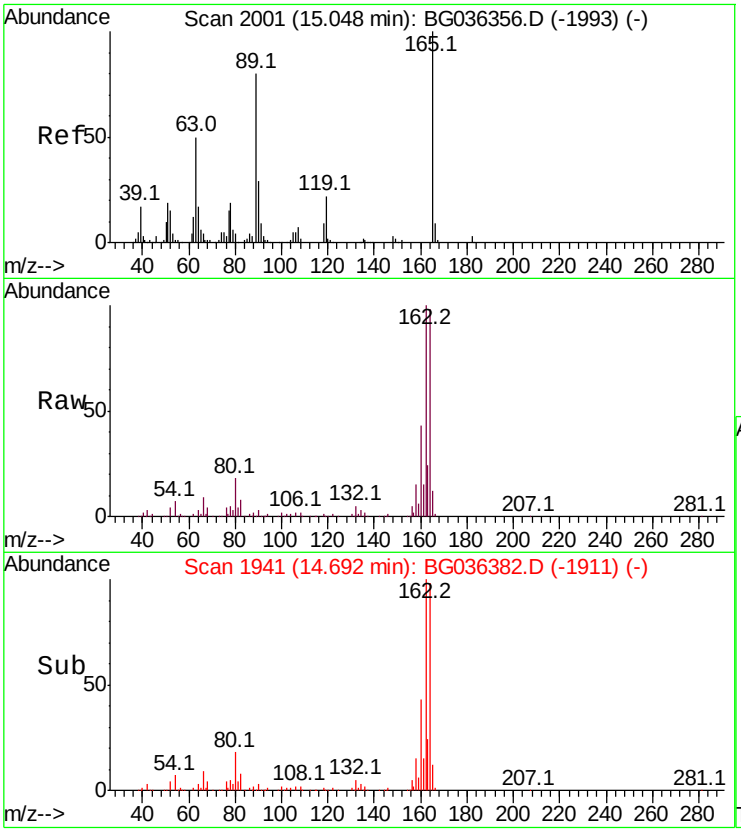




#50
2,6-Dinitrotoluene
Concen: 7.415 ng
RT: 14.69 min Scan# 1941
Delta R.T. 0.43 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:165 Resp: 16463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 50.1 | 75.1# |
| 89 | 1.9 | 47.8 | 71.6# |



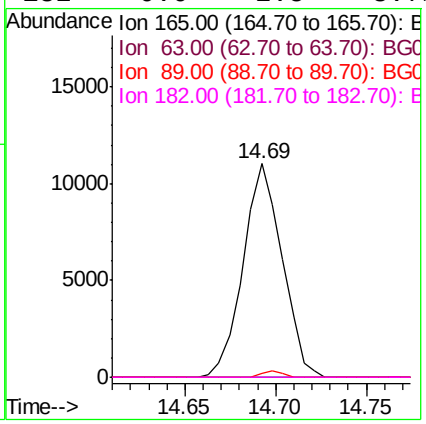


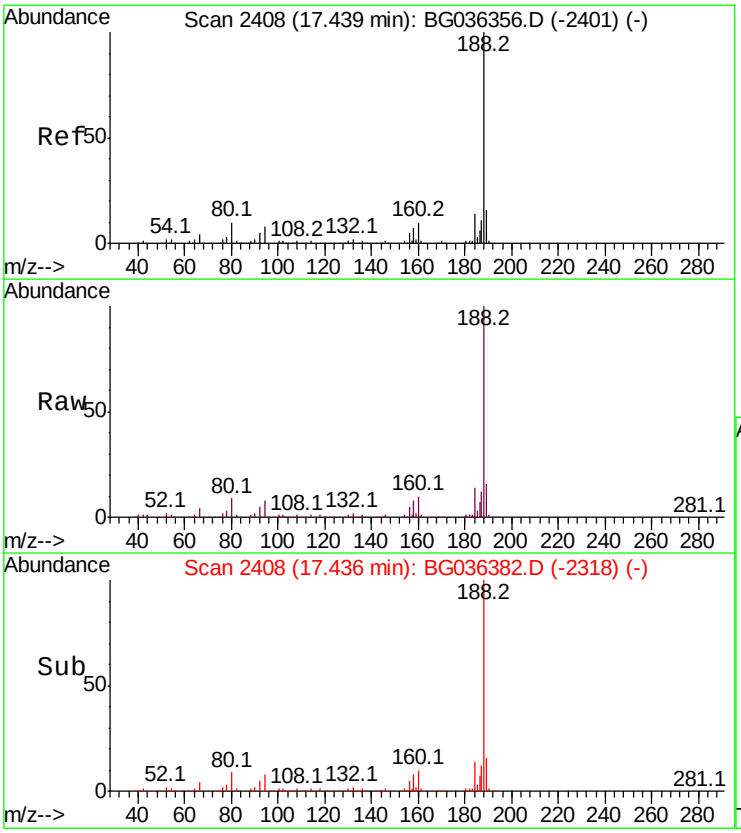

#56
2,4-Dinitrotoluene
Concen: 5.690 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.35 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

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

Tgt Ion:165 Resp: 16463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 40.1 | 60.1# |
| 89 | 1.9 | 63.7 | 95.5# |
| 182 | 0.0 | 2.5 | 3.7# |

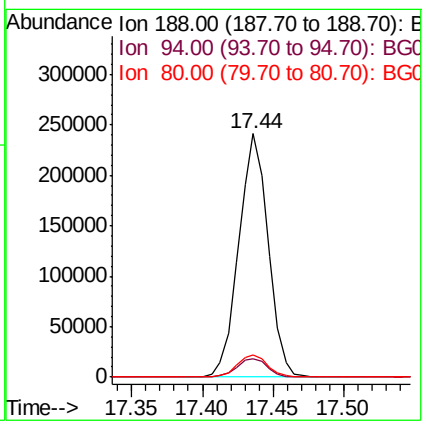


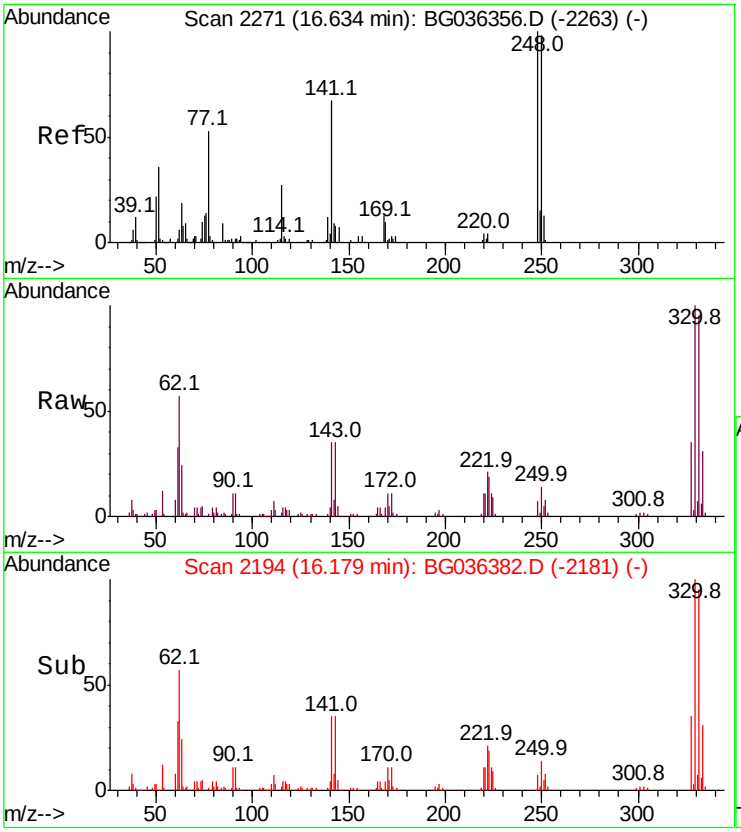




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:188 Resp: 351229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 6.7 | 10.1 |
| 80 | 9.0 | 8.1 | 12.1 |



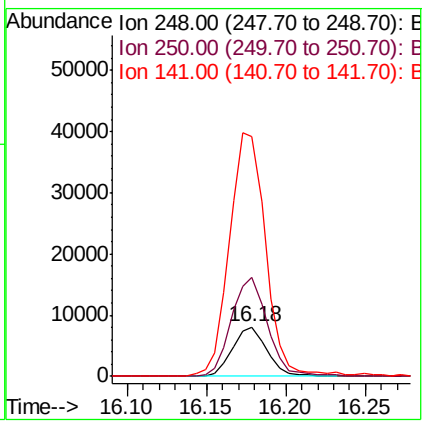


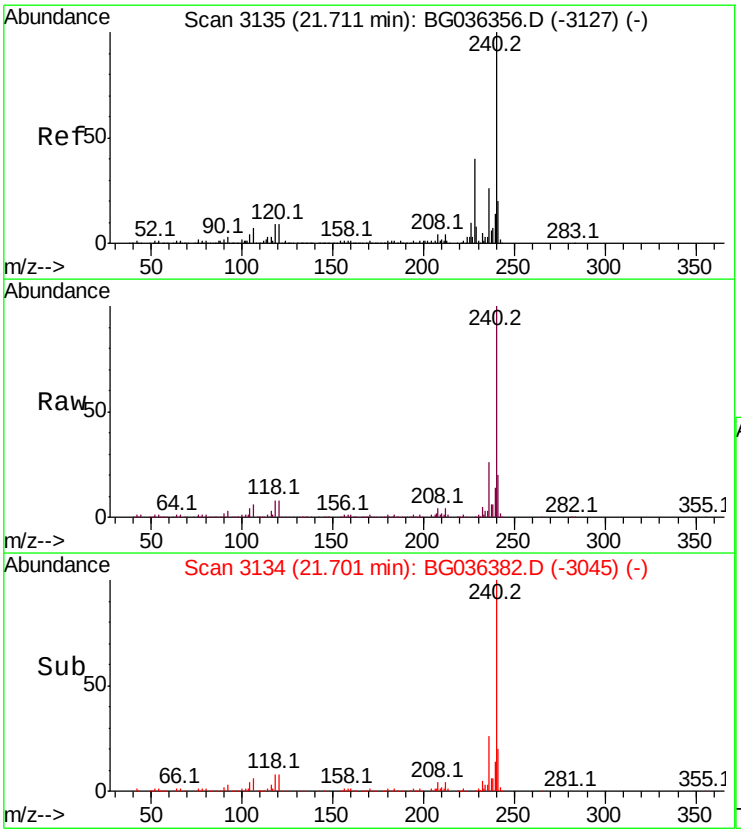

#66
4-Bromophenyl-phenylether
Concen: 2.963 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.46 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

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

Tgt Ion:248 Resp: 12186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 199.2 | 78.1 | 117.1# |
| 141 | 483.8 | 53.7 | 80.5# |

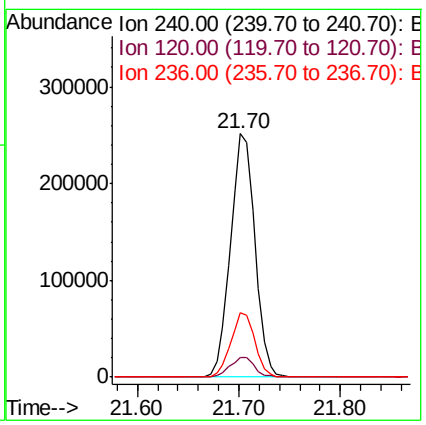


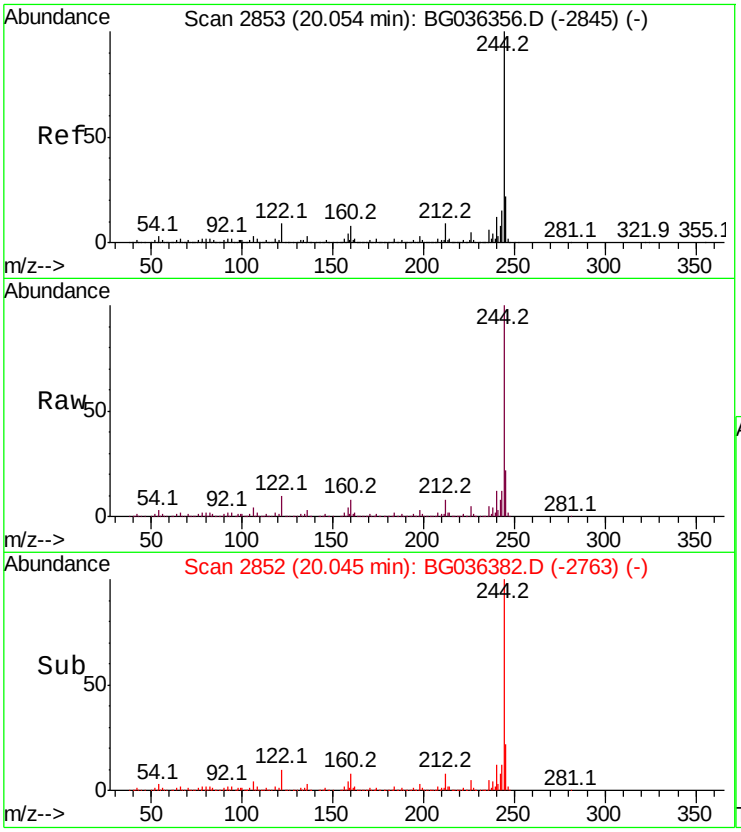




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:240 Resp: 420736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.2 | 6.9 | 10.3 |
| 236 | 26.3 | 21.2 | 31.8 |



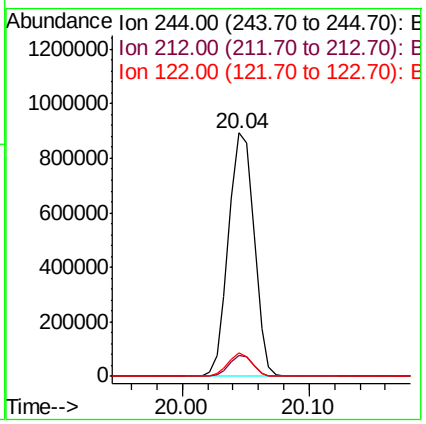


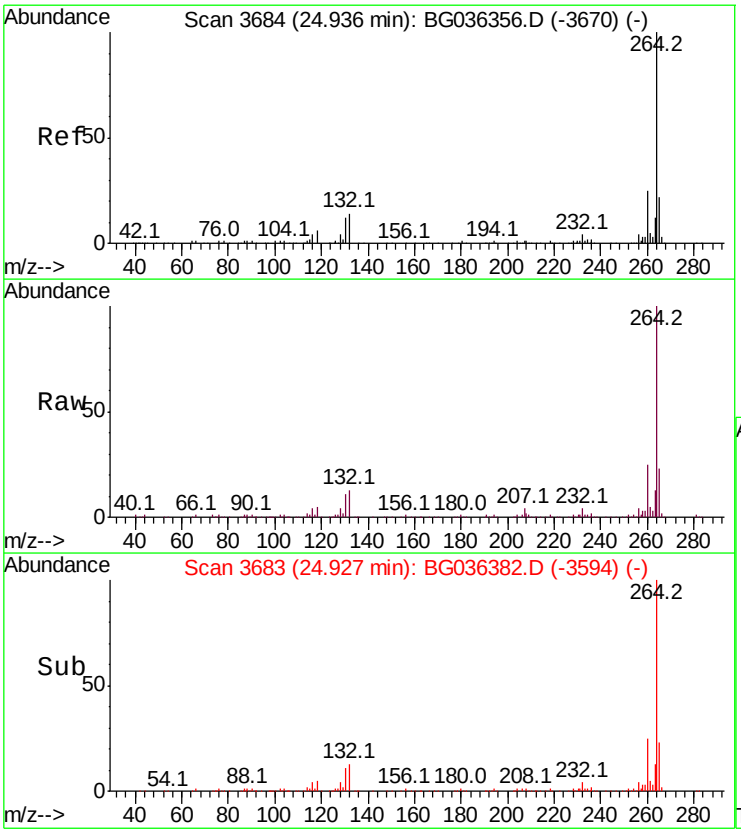

#78
Terphenyl-d14
Concen: 69.238 ng
RT: 20.04 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

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

Tgt Ion:244 Resp: 1246332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 7.0 | 10.6 |
| 122 | 9.6 | 7.1 | 10.7 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:264 Resp: 422137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.0 | 19.6 | 29.4 |
| 265 | 22.5 | 17.4 | 26.0 |