Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033718.D
Acq On : 10 Apr 2018 18:01
Operator : SJ/JU
Sample : J2157-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 10 18:36:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.86 | 152 | 36742 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.73 | 136 | 141966 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.47 | 164 | 98957 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.20 | 188 | 280960 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.54 | 240 | 327449 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 26.31 | 264 | 344992 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.29 | 112 | 305050 | 155.68 | ng | 0.00 |
| 7) Phenol-d6 | 7.97 | 99 | 404297 | 120.09 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 10.06 | 82 | 327557 | 106.01 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.94 | 330 | 238095 | 160.87 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.10 | 172 | 743457 | 108.46 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.73 | 244 | 1659867 | 108.41 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 9.19 | 79 | 5958 | 2.248 | ng | # 27 |
| 19) n-Nitroso-di-n-propylamine | 10.05 | 70 | 44763 | 18.145 | ng | # 74 |
| 50) 2,6-Dinitrotoluene | 15.48 | 165 | 12406 | 7.045 | ng | # 21 |
| 56) 2,4-Dinitrotoluene | 15.48 | 165 | 12406 | 4.785 | ng | # 18 |
| 66) 4-Bromophenyl-phenylether | 16.95 | 248 | 19094 | 5.787 | ng | # 1 |
| 76) Benzidine | 20.72 | 184 | 28854 | 3.249 | ng | # 95 |

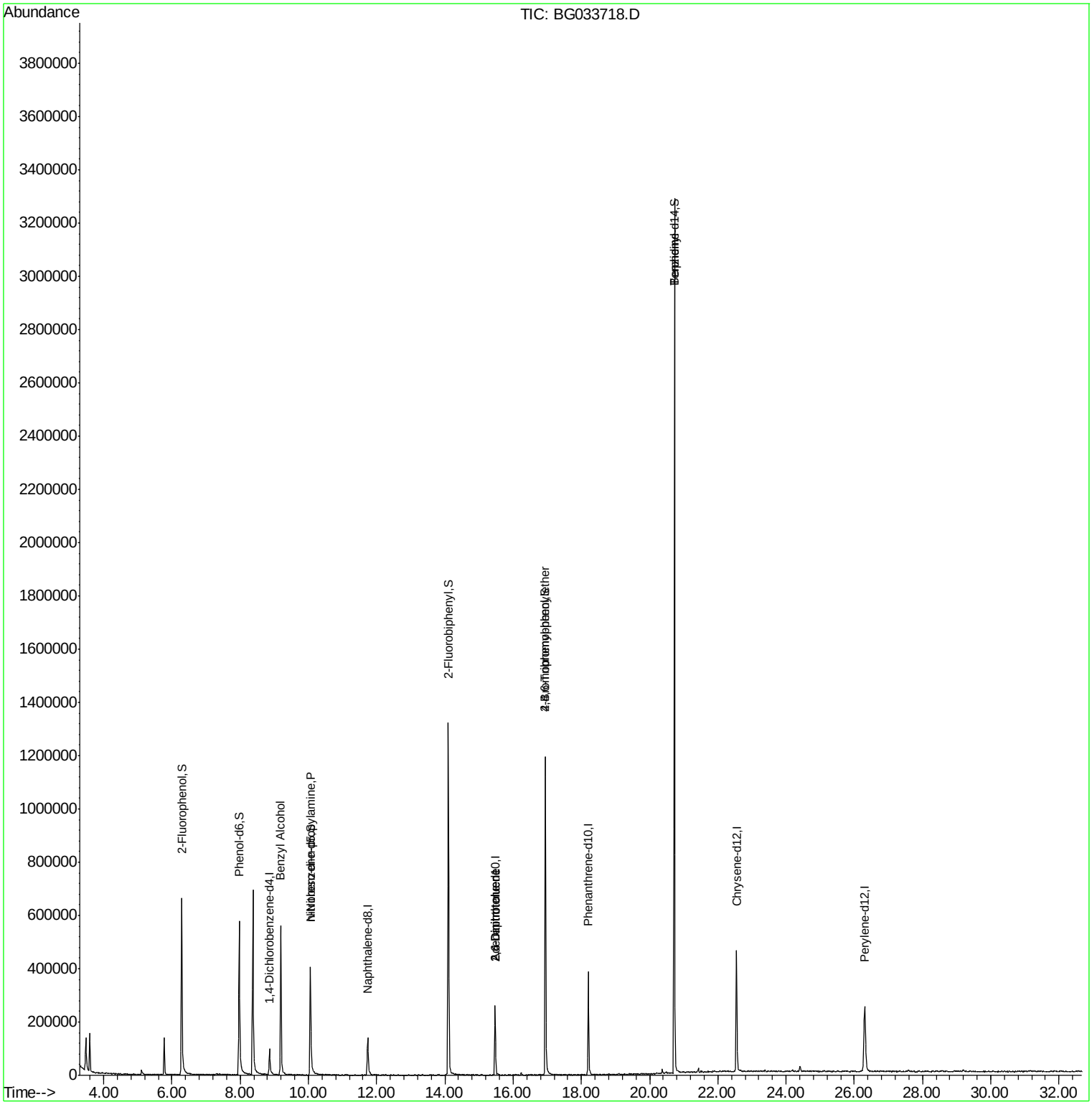
(#) = qualifier out of range (m) = manual integration (+) = signals summed

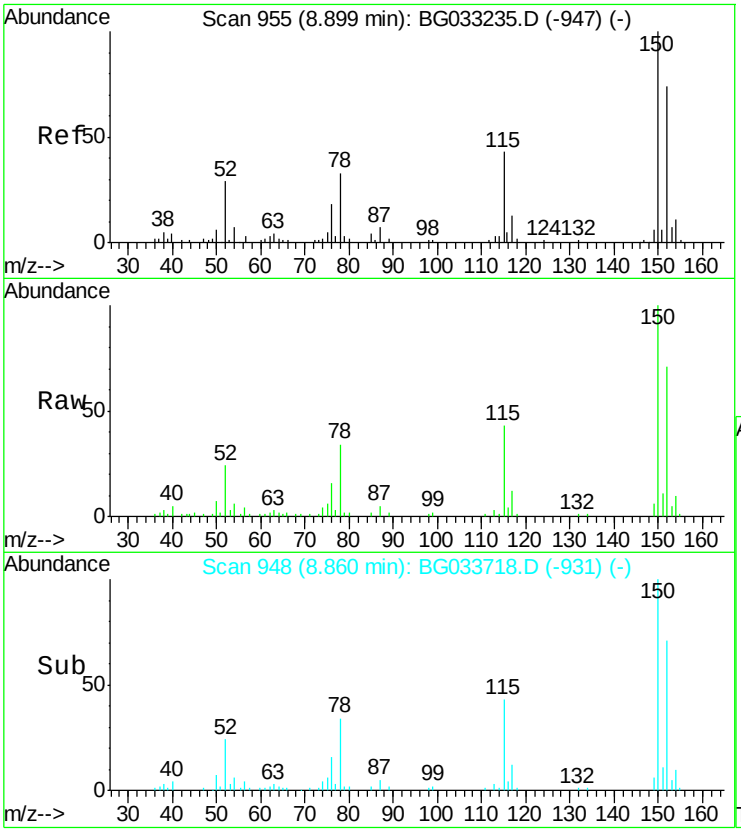
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033718.D
Acq On : 10 Apr 2018 18:01
Operator : SJ/JU
Sample : J2157-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 10 18:36:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration



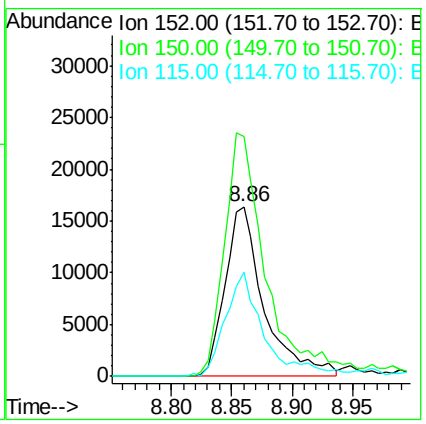


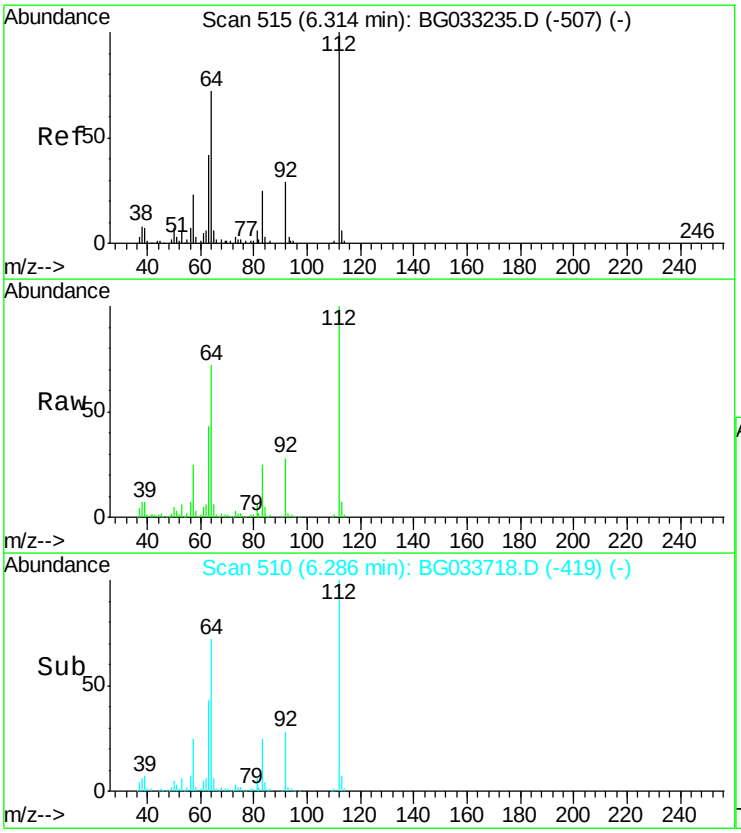

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion:152 Resp: 36742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.2 | 126.6 | 189.8 |
| 115 | 61.1 | 53.0 | 79.4 |

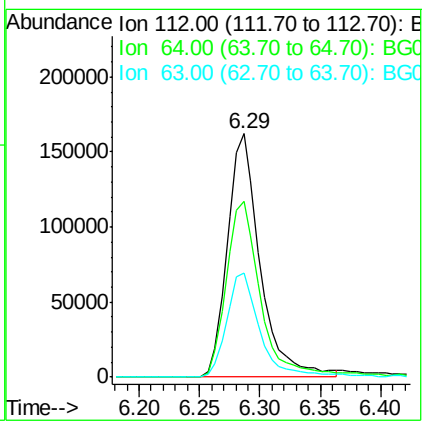


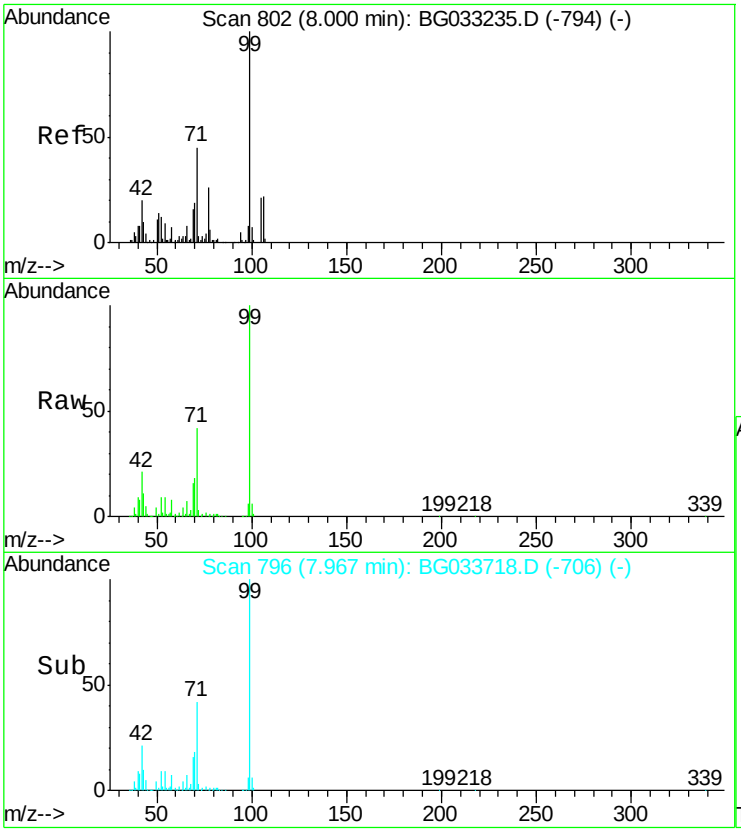




#5
2-Fluorophenol
Concen: 155.682 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion:112 Resp: 305050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.1 | 56.3 | 84.5 |
| 63 | 42.8 | 30.1 | 45.1 |



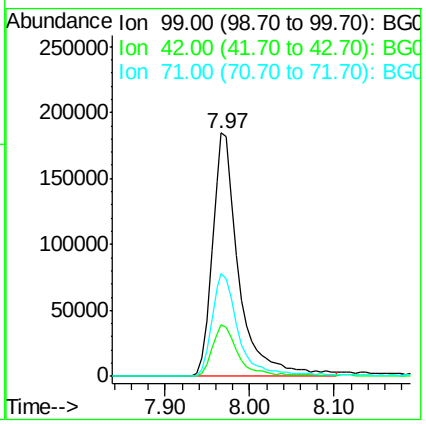


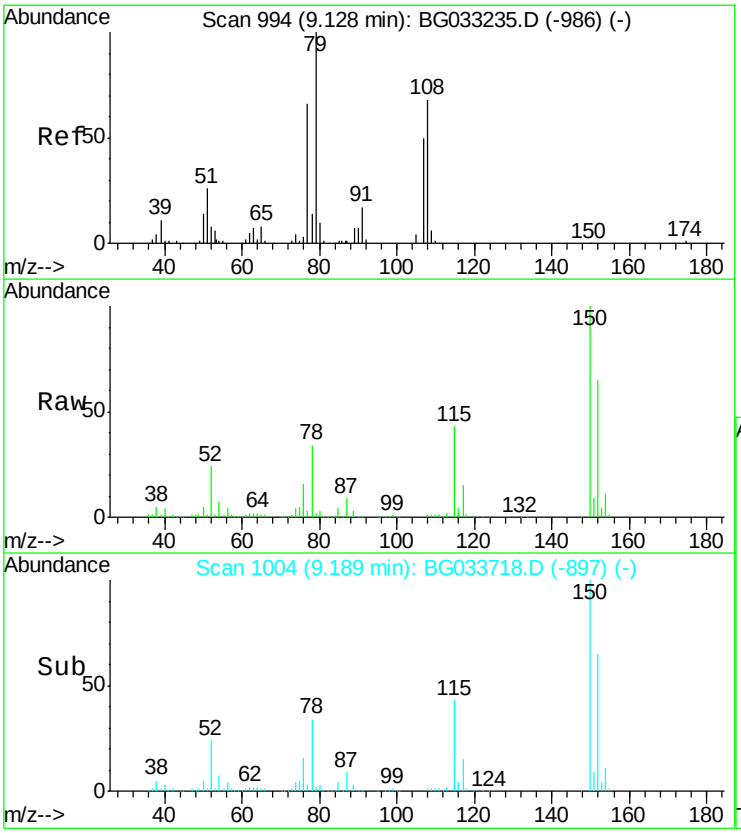

#7
Phenol-d6
Concen: 120.086 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion: 99 Resp: 404297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.3 | 14.1 | 21.1# |
| 71 | 42.4 | 26.1 | 39.1# |

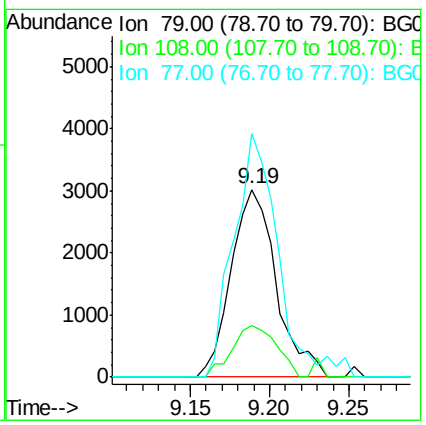


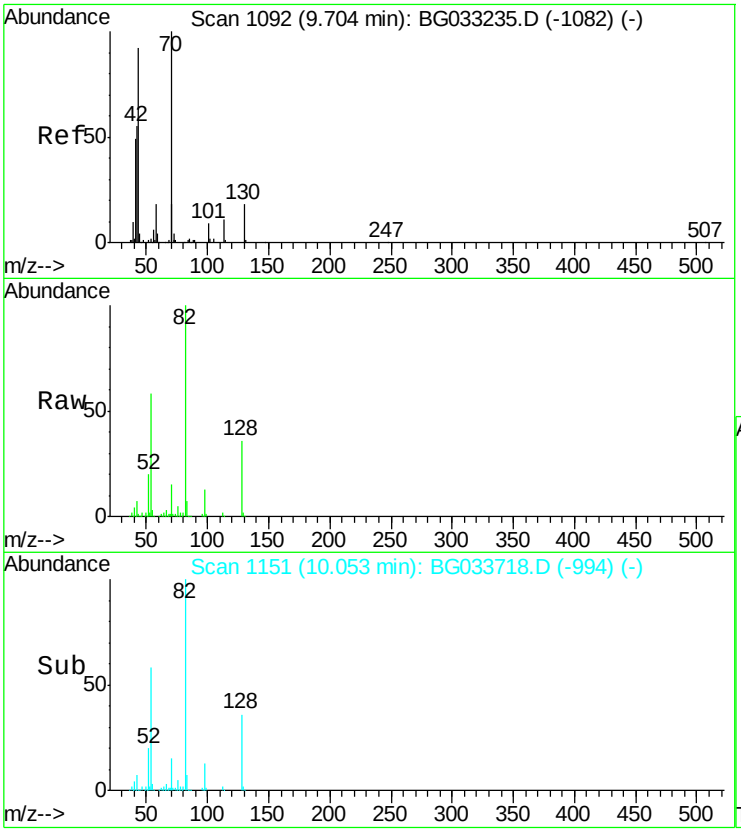




#15
Benzyl Alcohol
Concen: 2.248 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.10 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion: 79 Resp: 5958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 27.5 | 57.2 | 85.8# |
| 77 | 129.7 | 46.1 | 69.1# |



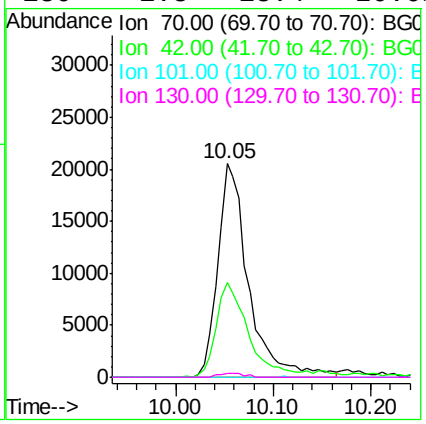


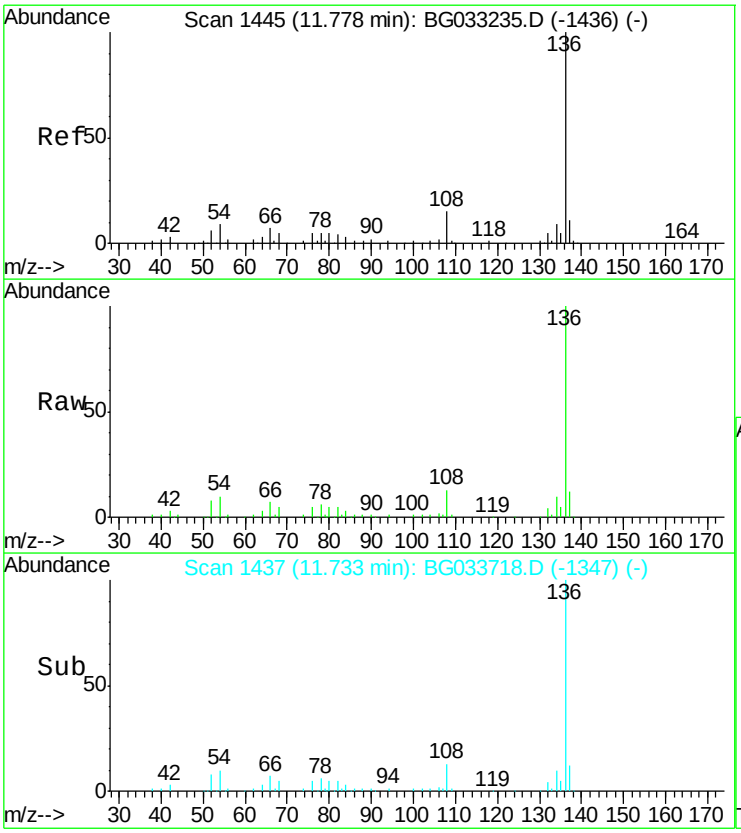

#19
n-Nitroso-di-n-propylamine
Concen: 18.145 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion: 70 Resp: 44763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.1 | 49.1 | 73.7# |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 1.8 | 13.4 | 20.0# |

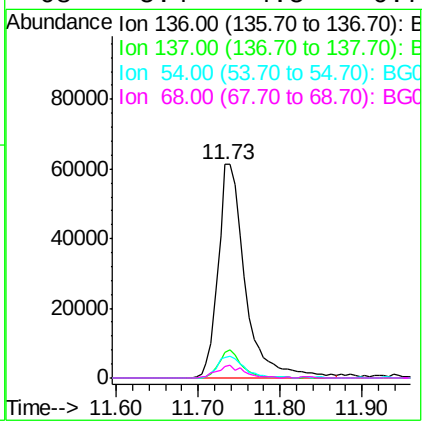


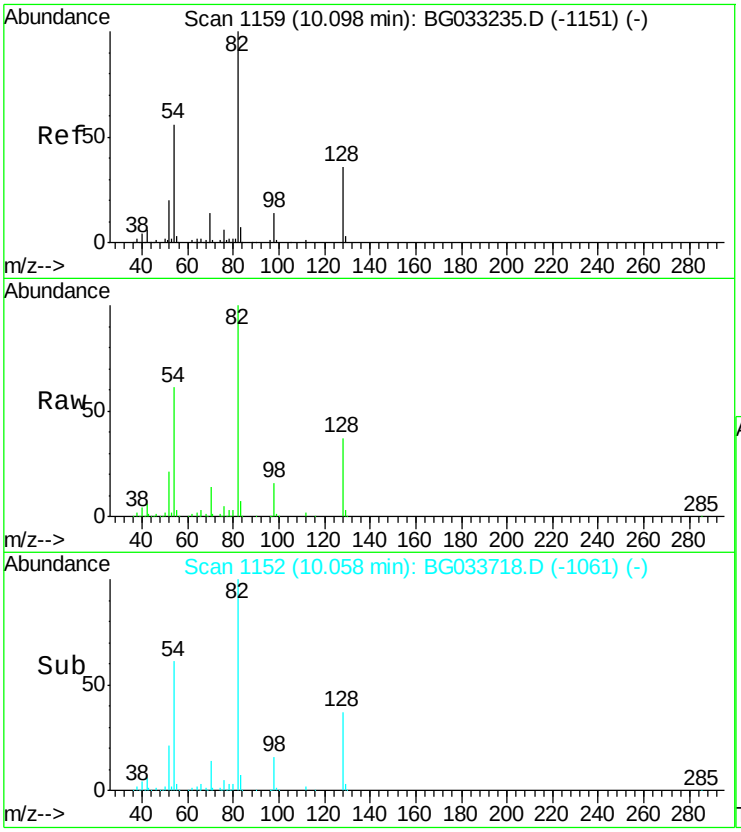




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion:136 Resp: 141966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 9.2 | 13.8 |
| 54 | 9.8 | 10.3 | 15.5# |
| 68 | 5.4 | 4.5 | 6.7 |



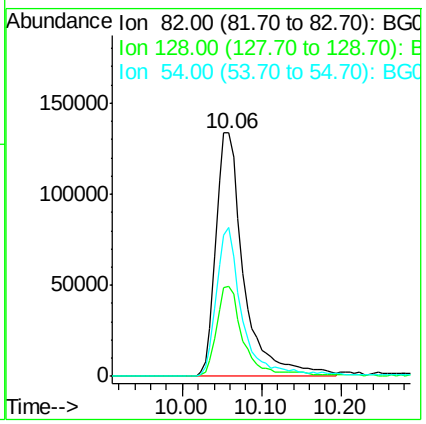


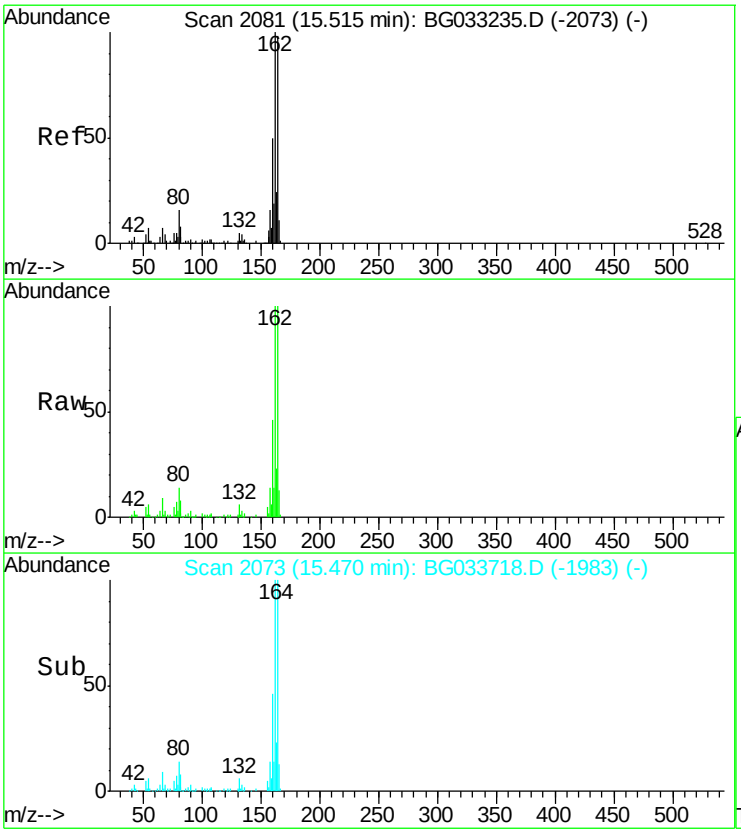

#23
Nitrobenzene-d5
Concen: 106.006 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion: 82 Resp: 327557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.7 | 29.7 | 44.5 |
| 54 | 61.0 | 43.1 | 64.7 |

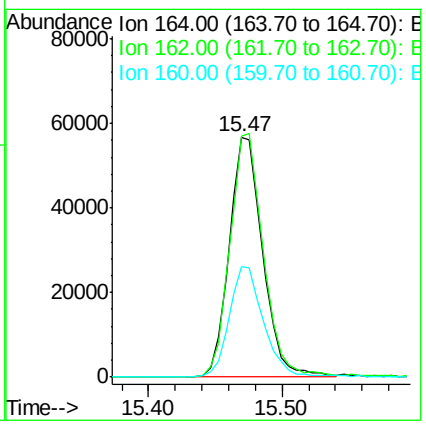


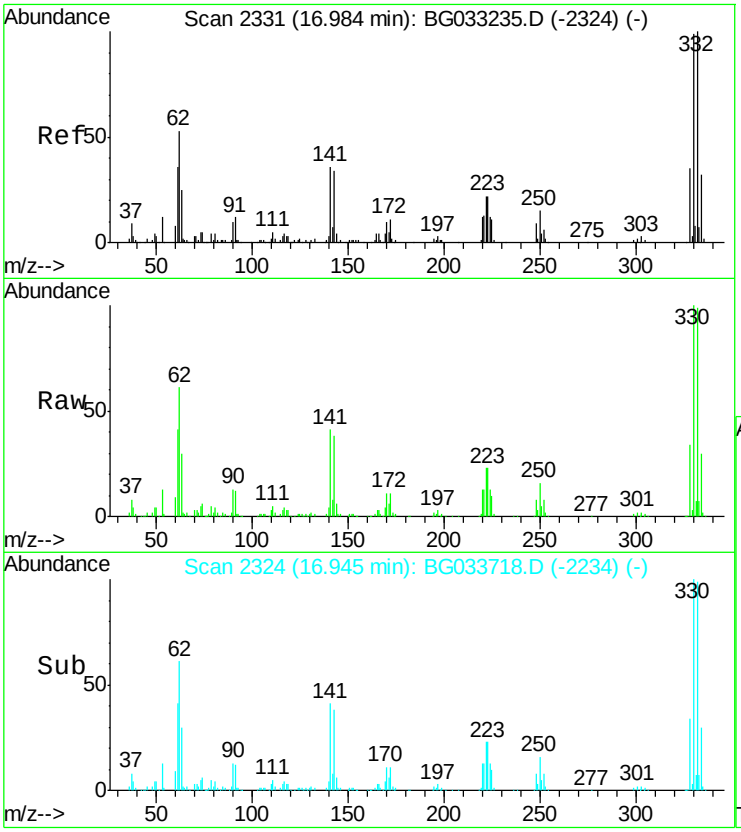




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion:164 Resp: 98957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.5 | 78.8 | 118.2 |
| 160 | 46.1 | 35.4 | 53.0 |



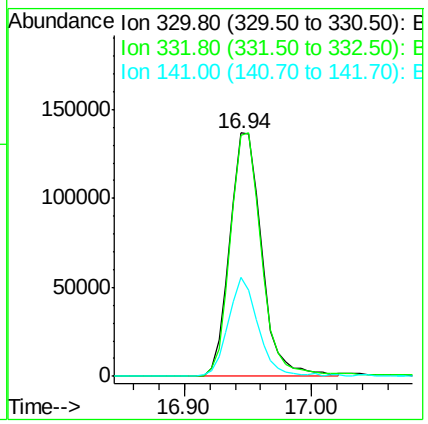


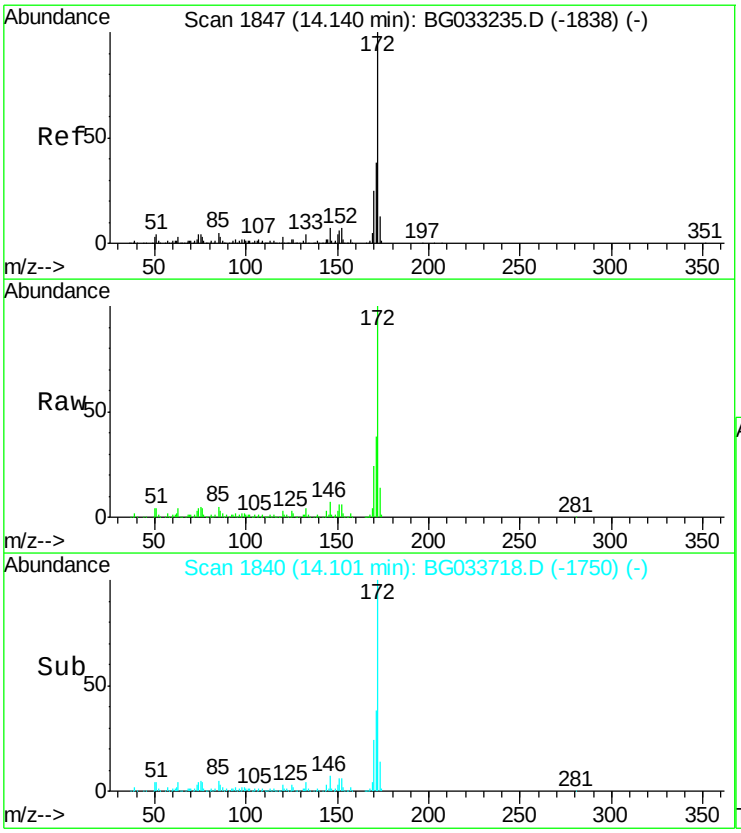

#41
2,4,6-Tribromophenol
Concen: 160.873 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion:330 Resp: 238095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.6 | 77.0 | 115.6 |
| 141 | 38.2 | 25.2 | 37.8# |

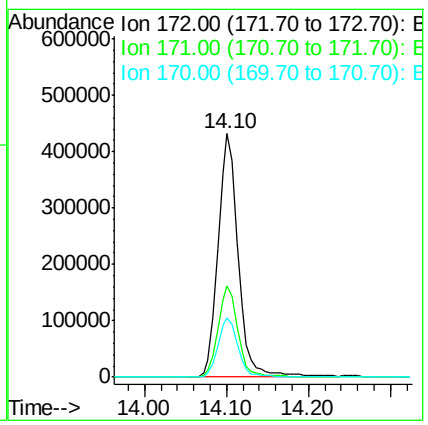


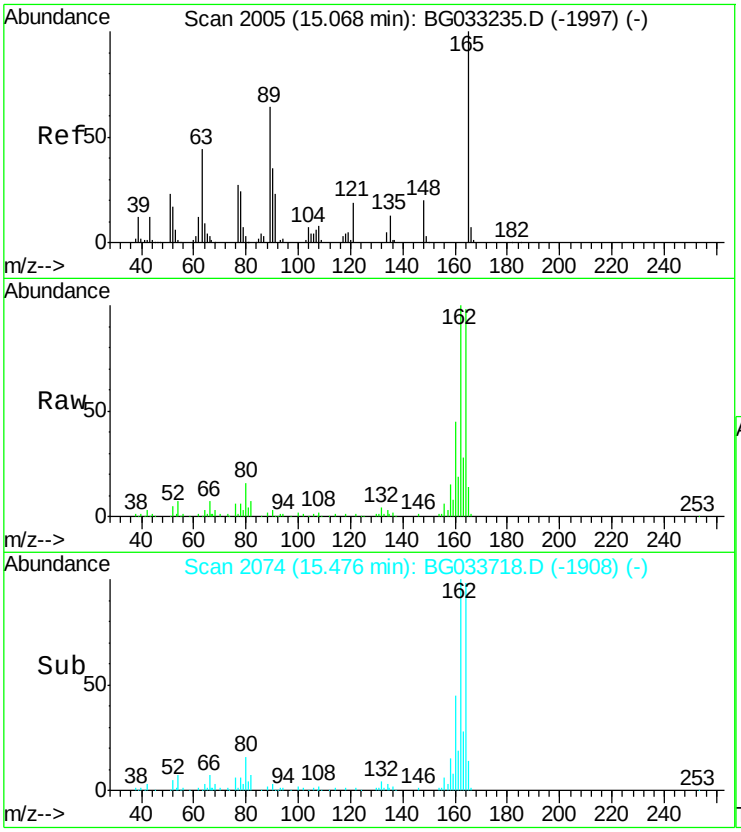




#44
2-Fluorobiphenyl
Concen: 108.459 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion:172 Resp: 743457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.5 | 30.0 | 45.0 |
| 170 | 24.1 | 19.5 | 29.3 |



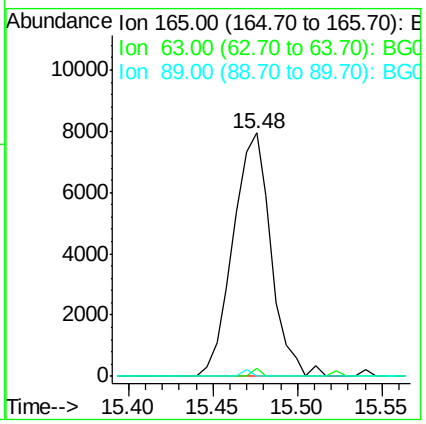


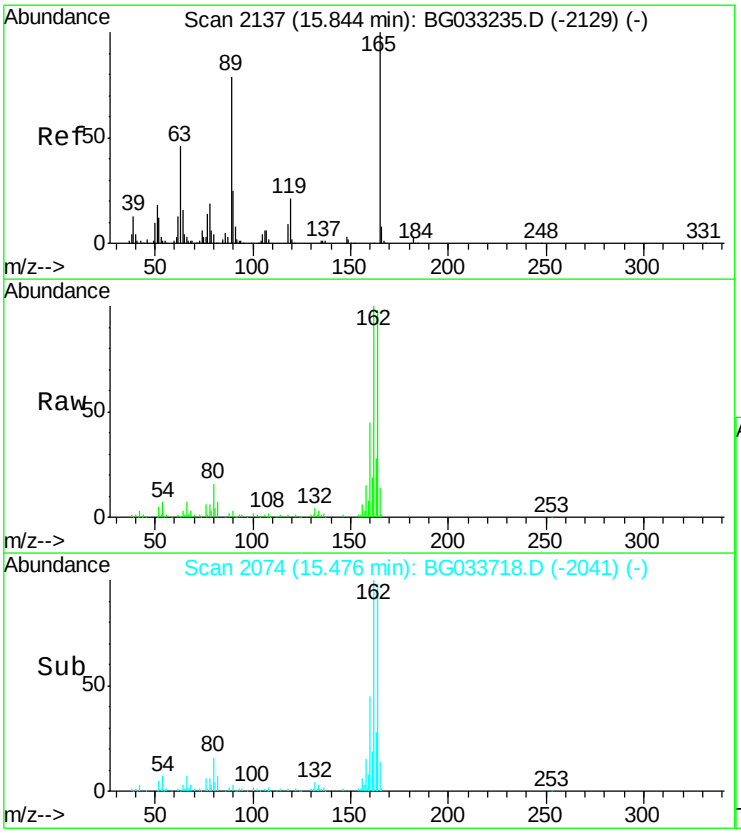

#50
2,6-Dinitrotoluene
Concen: 7.045 ng
RT: 15.48 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion:165 Resp: 12406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 3.4 | 52.7 | 79.1# |
| 89 | 0.0 | 49.2 | 73.8# |

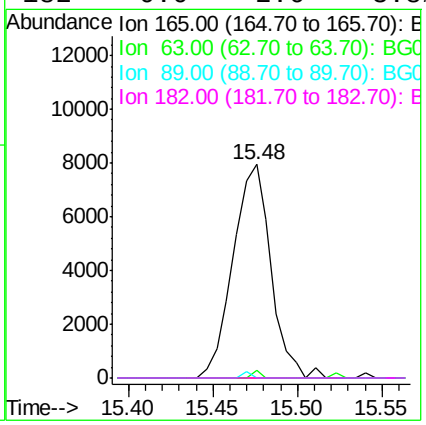


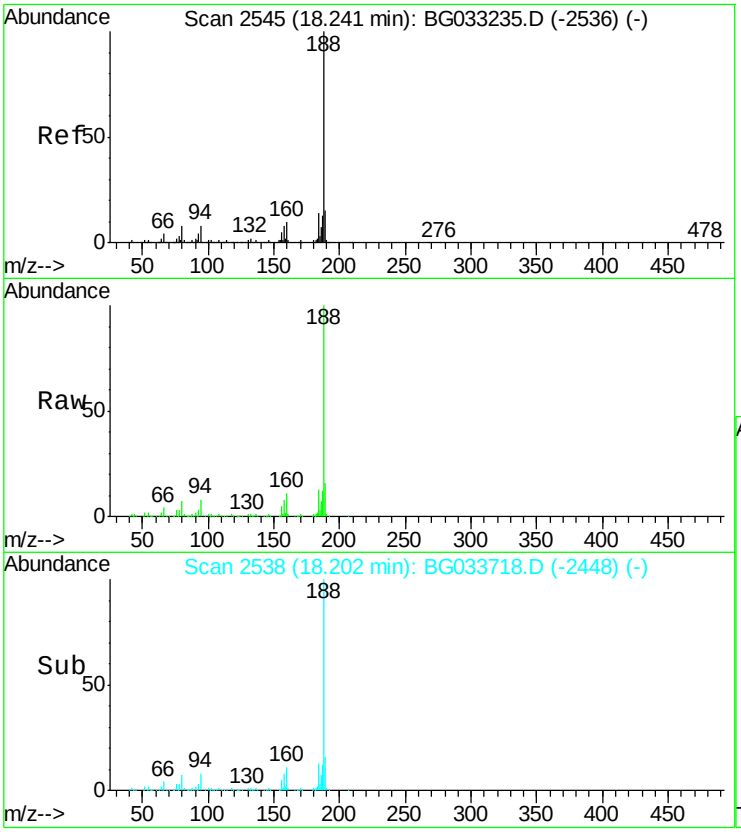




#56
2,4-Dinitrotoluene
Concen: 4.785 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion:165 Resp: 12406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 3.4 | 42.0 | 63.0# |
| 89 | 0.0 | 66.9 | 100.3# |
| 182 | 0.0 | 2.6 | 3.8# |



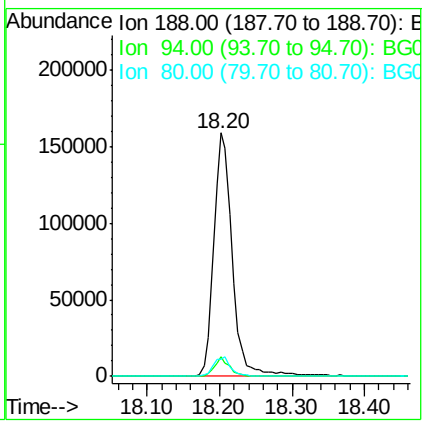


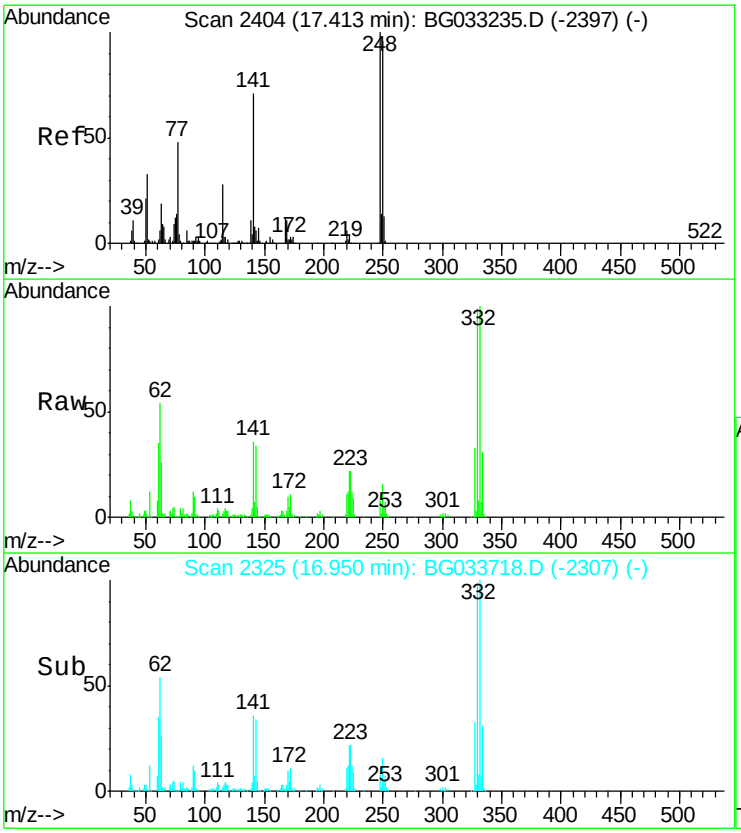

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion:188 Resp: 280960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.9 | 6.9 | 10.3 |
| 80 | 7.2 | 7.7 | 11.5# |

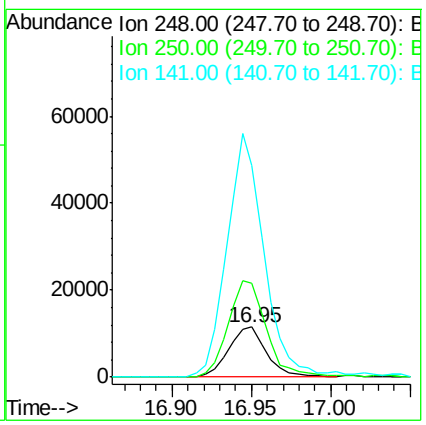


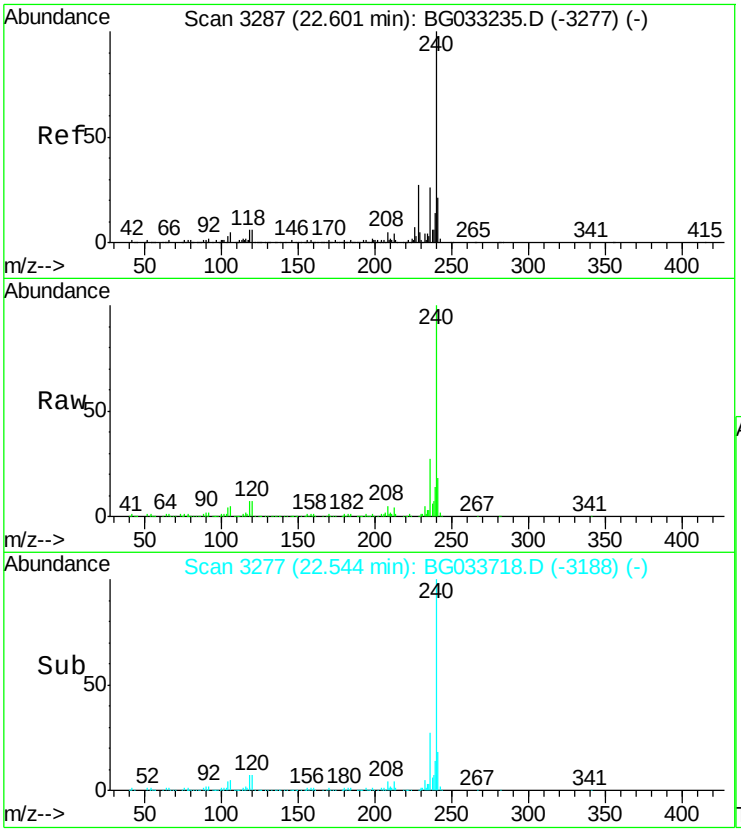




#66
4-Bromophenyl-phenylether
Concen: 5.787 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion:248 Resp: 19094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 188.5 | 77.1 | 115.7# |
| 141 | 424.0 | 50.8 | 76.2# |



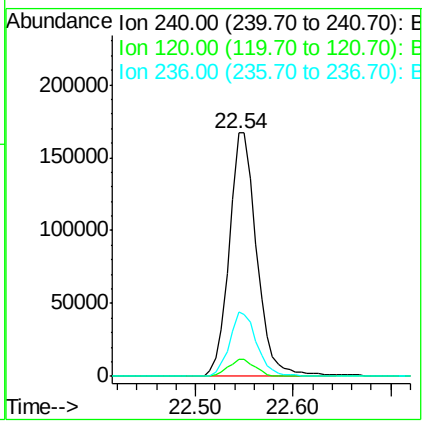


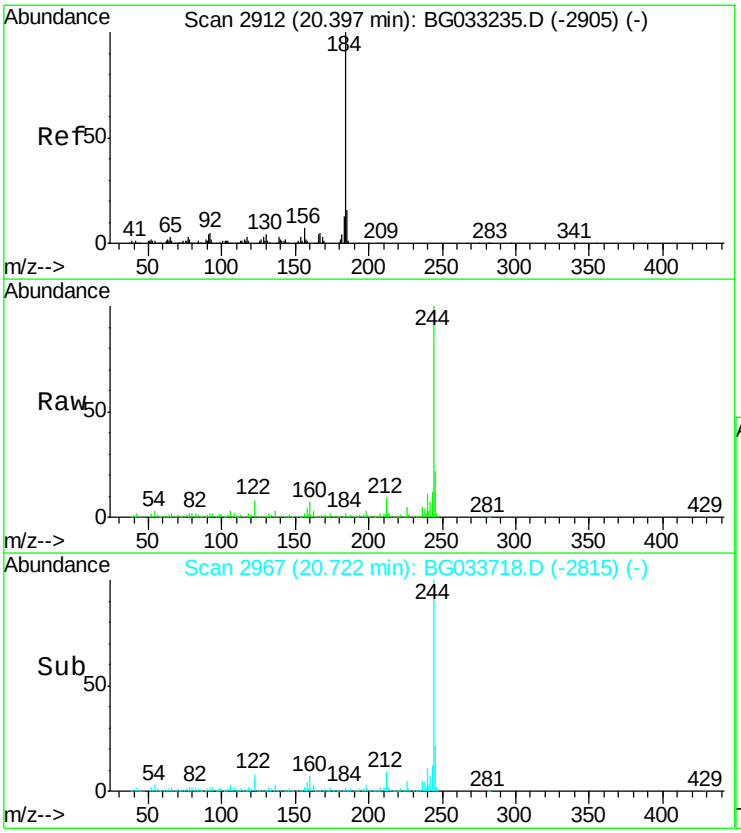

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion:240 Resp: 327449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.2 | 6.8 | 10.2 |
| 236 | 26.6 | 20.9 | 31.3 |

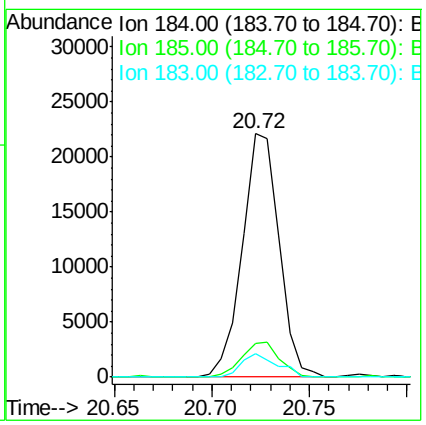


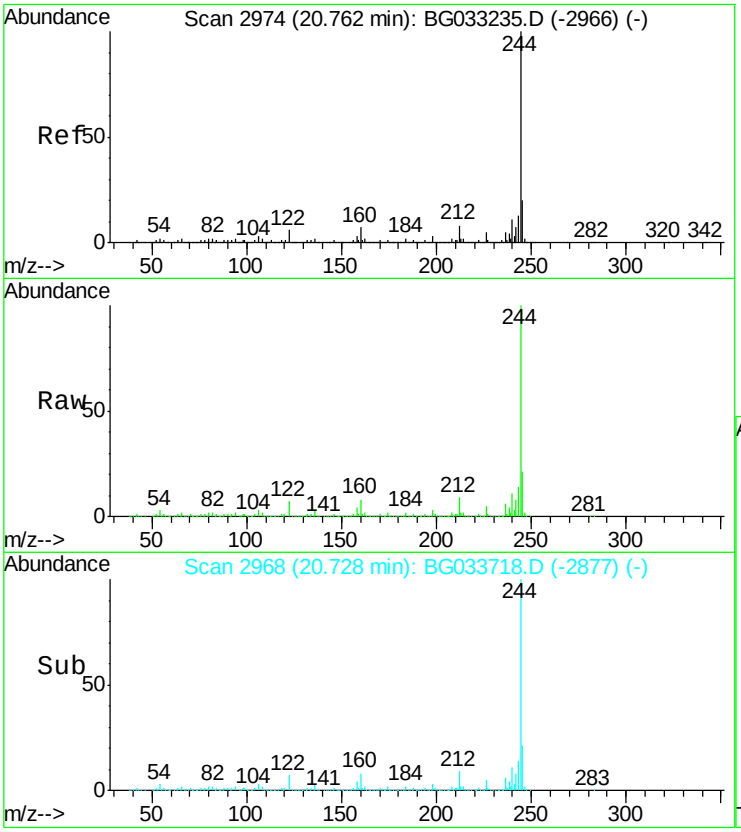




#76
Benzidine
Concen: 3.249 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.36 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion:184 Resp: 28854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.7 | 11.1 | 16.7 |
| 183 | 9.5 | 10.6 | 16.0# |



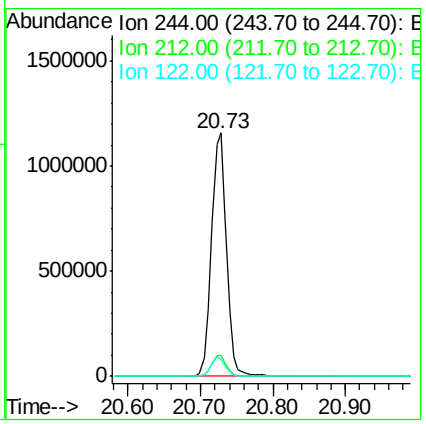


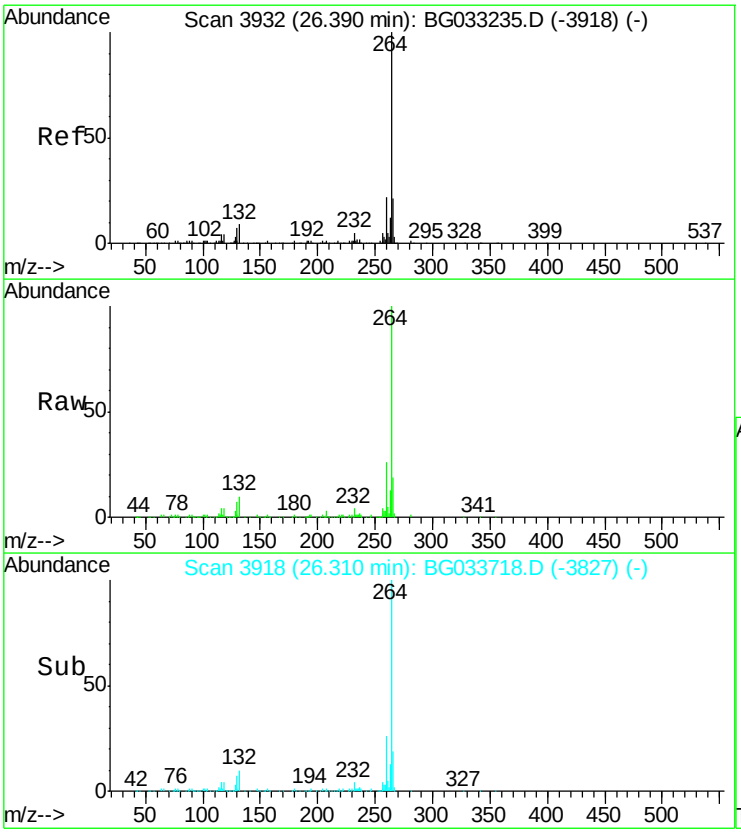

#78
Terphenyl-d14
Concen: 108.408 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

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

Tgt Ion:244 Resp: 1659867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 5.8 | 8.8 |
| 122 | 7.3 | 7.0 | 10.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033718.D
Acq: 10 Apr 2018 18:01

Tgt Ion:264 Resp: 344992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.5 | 17.4 | 26.0 |
| 265 | 19.4 | 17.7 | 26.5 |