Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033756.D
Acq On : 11 Apr 2018 21:55
Operator : SJ/JU
Sample : J2320-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 12 01:36:55 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 | 8.85 | 152 | 32190 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.74 | 136 | 133205 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.47 | 164 | 99578 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 18.20 | 188 | 300017 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.54 | 240 | 312465 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 26.30 | 264 | 338596 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.29 | 112 | 71354 | 41.56 | ng | | 0.00 |
| 7) Phenol-d6 | 7.97 | 99 | 67059 | 22.73 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 10.05 | 82 | 279545 | 96.42 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.95 | 330 | 135304 | 90.85 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 14.10 | 172 | 660329 | 95.73 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.72 | 244 | 1409534 | 96.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 8.00 | 94 | 6069 | 2.084 | ng | # | 49 |
| 19) n-Nitroso-di-n-propylamine | 10.05 | 70 | 34787 | 16.095 | ng | # | 75 |
| 49) Dimethylphthalate | 14.89 | 163 | 18626 | 2.149 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 15.47 | 165 | 12063 | 6.808 | ng | # | 22 |
| 56) 2,4-Dinitrotoluene | 15.47 | 165 | 12063 | 4.624 | ng | # | 20 |
| 66) 4-Bromophenyl-phenylether | 16.95 | 248 | 11033 | 3.131 | ng | # | 1 |
| 76) Benzidine | 20.72 | 184 | 23335 | 2.754 | ng | # | 94 |

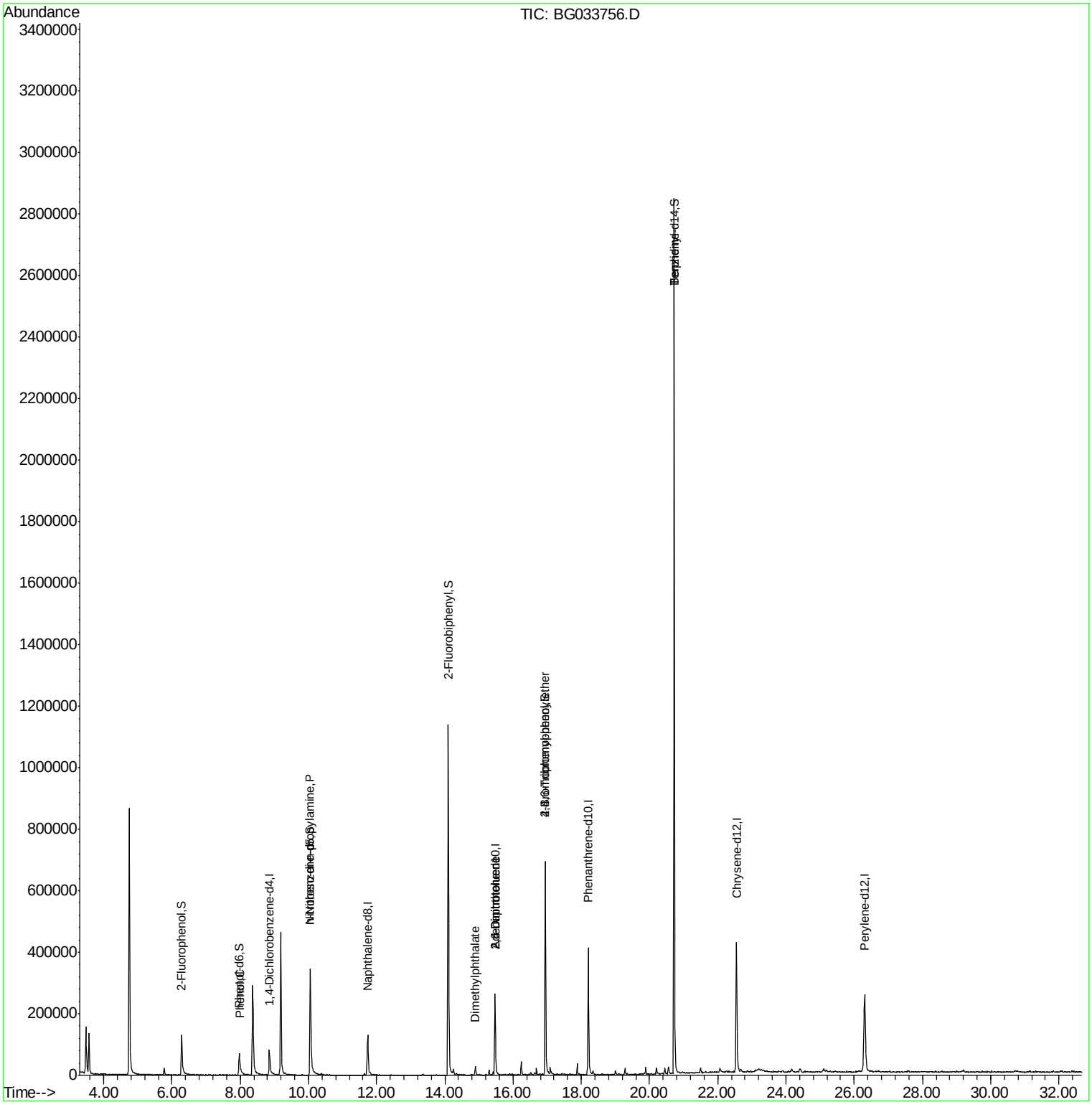
(#) = qualifier out of range (m) = manual integration (+) = signals summed

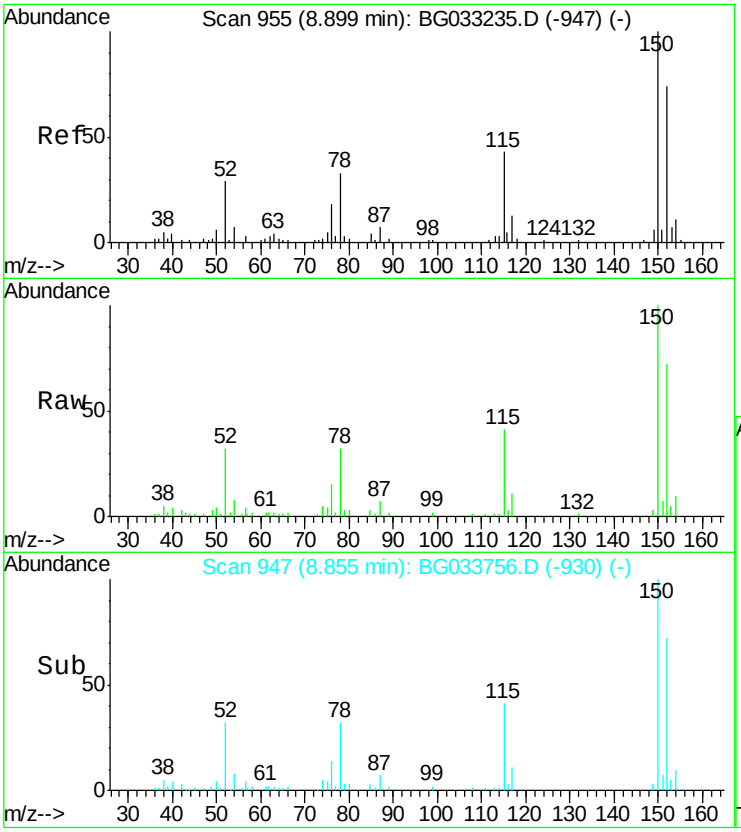
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033756.D
Acq On : 11 Apr 2018 21:55
Operator : SJ/JU
Sample : J2320-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 12 01:36:55 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



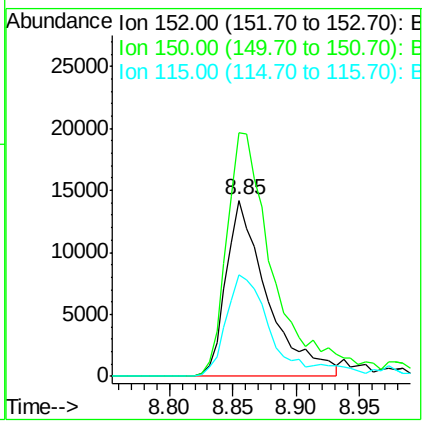


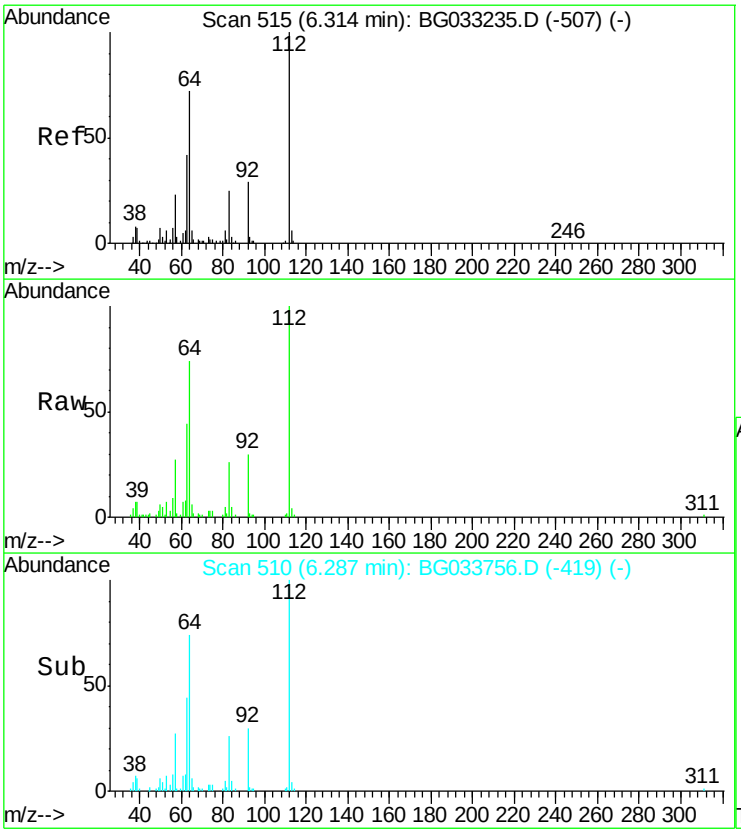

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion:152 Resp: 32190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 138.3 | 126.6 | 189.8 |
| 115 | 57.3 | 53.0 | 79.4 |

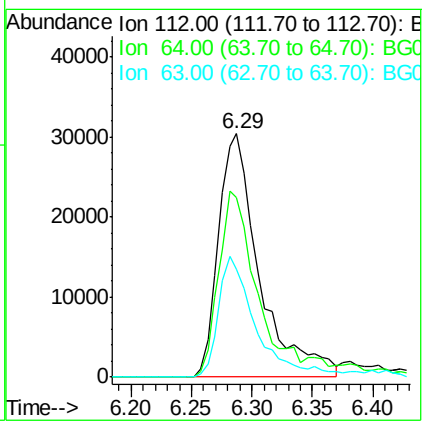


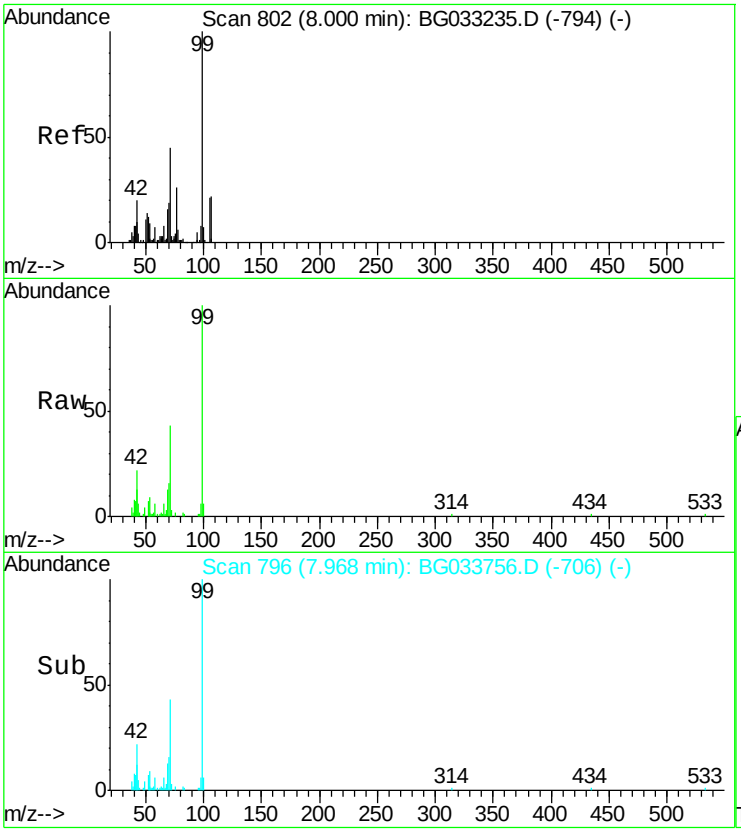




#5
2-Fluorophenol
Concen: 41.565 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion:112 Resp: 71354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 73.5 | 56.3 | 84.5 |
| 63 | 44.4 | 30.1 | 45.1 |



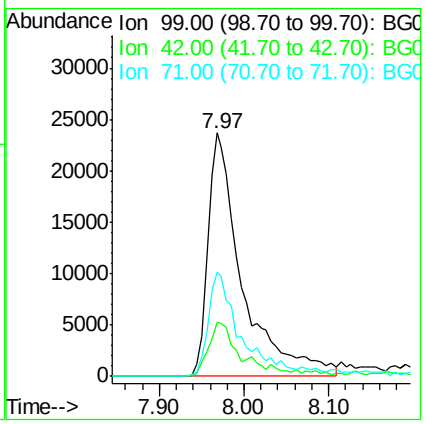


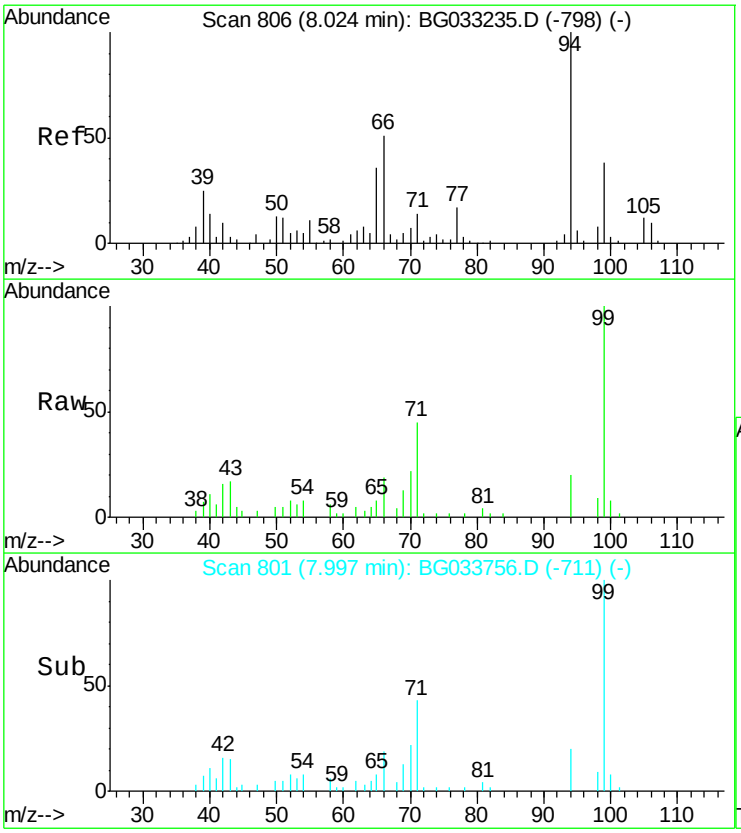

#7
Phenol-d6
Concen: 22.735 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion: 99 Resp: 67059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.2 | 14.1 | 21.1# |
| 71 | 43.0 | 26.1 | 39.1# |

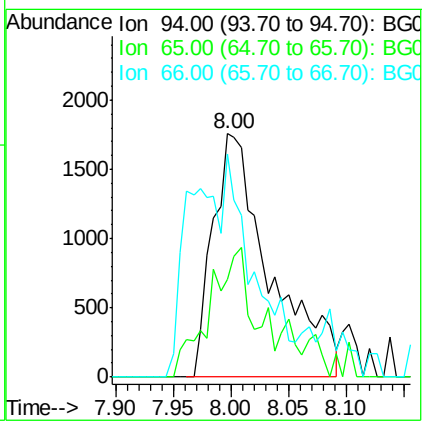


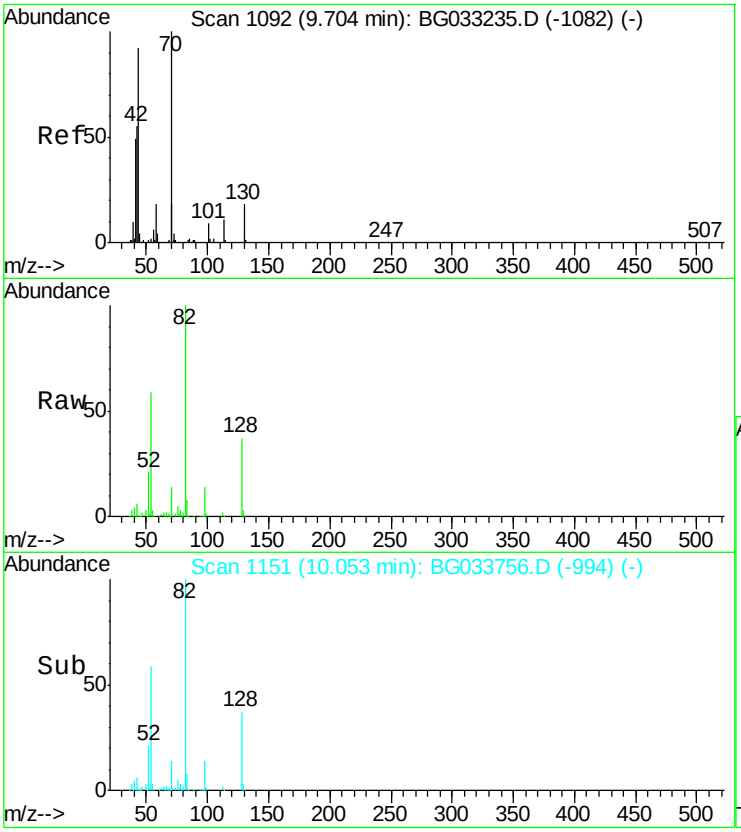




#10
Phenol
Concen: 2.084 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion: 94 Resp: 6069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 40.1 | 11.9 | 51.9 |
| 66 | 91.6 | 22.2 | 62.2# |



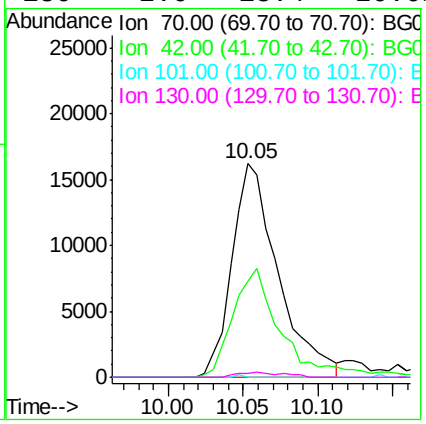


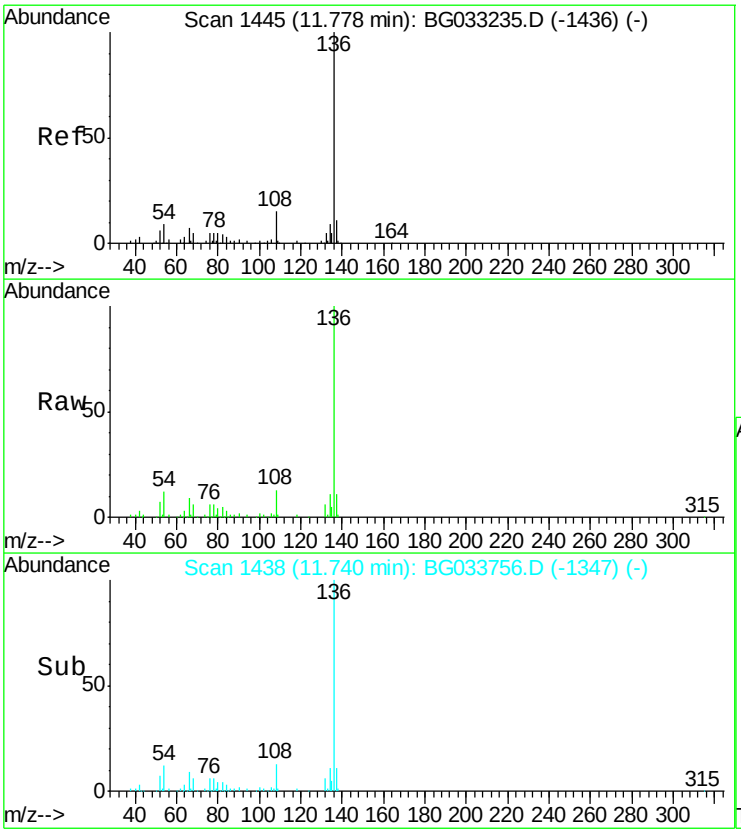

#19
n-Nitroso-di-n-propylamine
Concen: 16.095 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion: 70 Resp: 34787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.1 | 49.1 | 73.7# |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 2.0 | 13.4 | 20.0# |

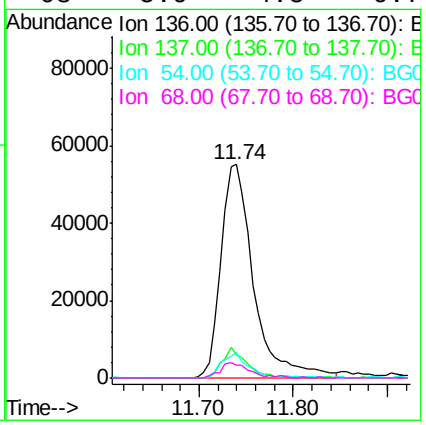


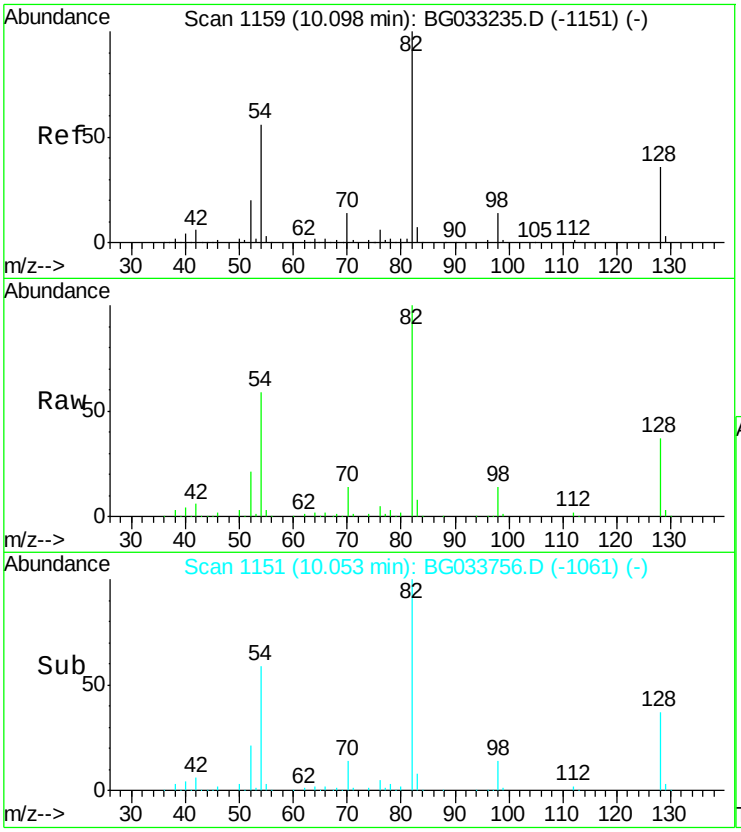




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion:136 Resp: 133205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.2 | 13.8 |
| 54 | 11.9 | 10.3 | 15.5 |
| 68 | 5.9 | 4.5 | 6.7 |



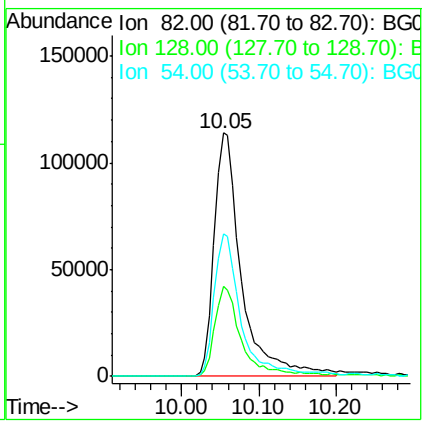


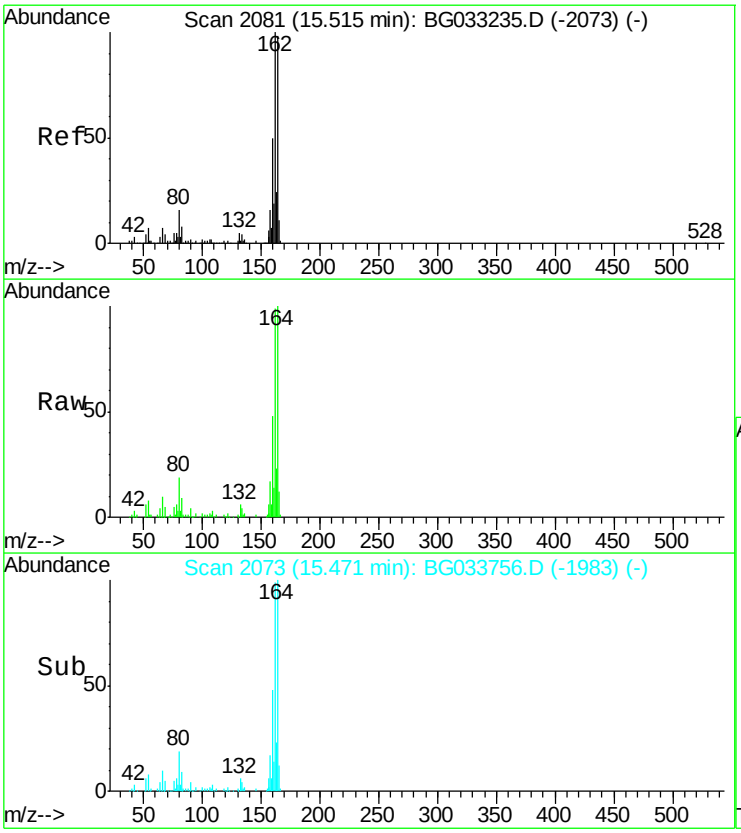

#23
Nitrobenzene-d5
Concen: 96.419 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion: 82 Resp: 279545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.0 | 29.7 | 44.5 |
| 54 | 58.8 | 43.1 | 64.7 |

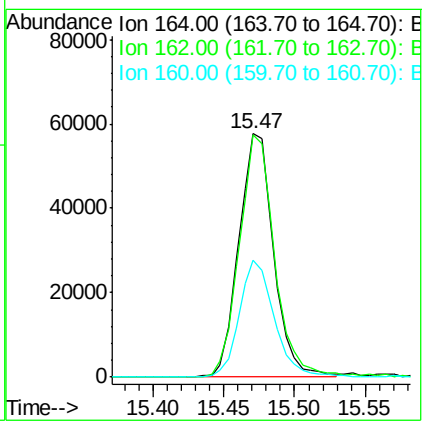


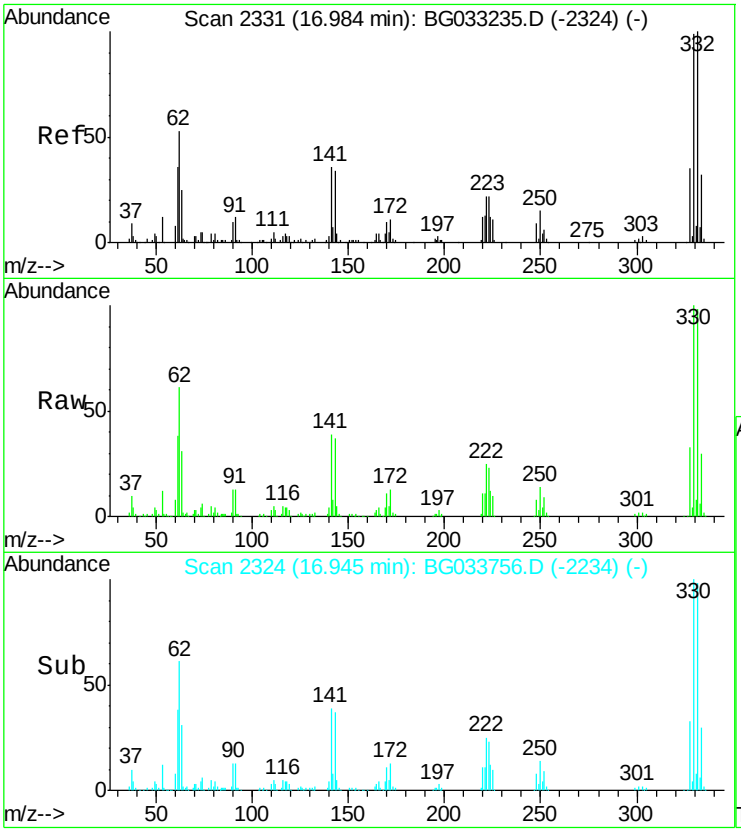




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion:164 Resp: 99578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.3 | 78.8 | 118.2 |
| 160 | 47.8 | 35.4 | 53.0 |



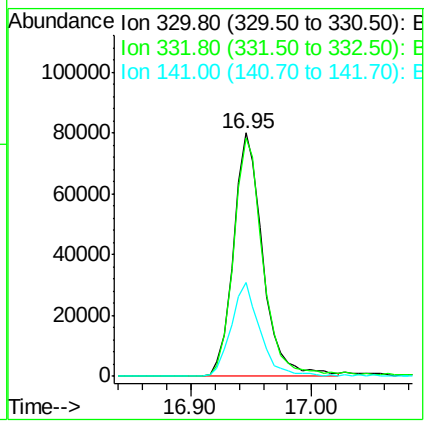


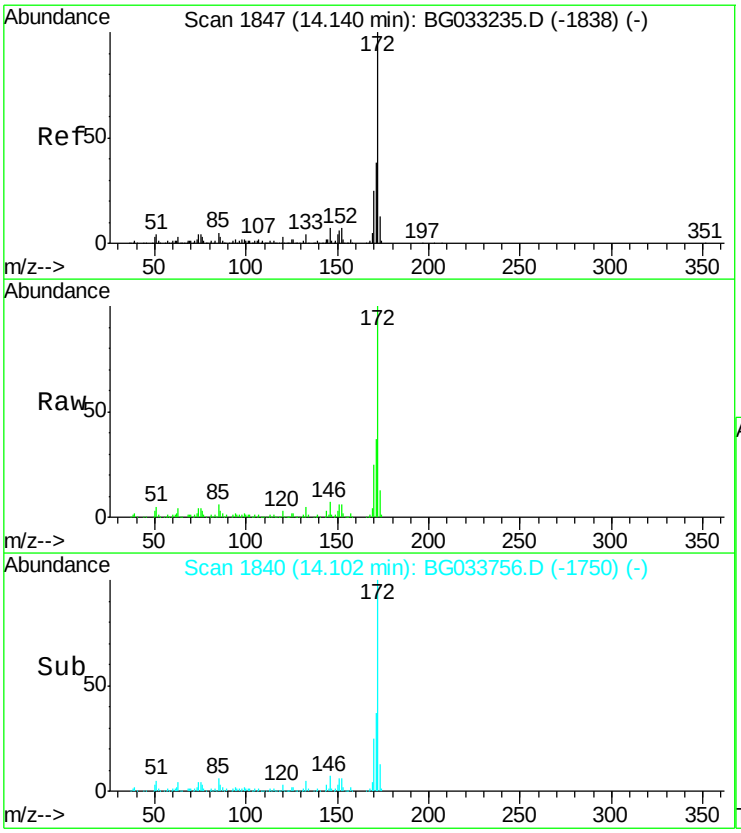

#41
2,4,6-Tribromophenol
Concen: 90.850 ng
RT: 16.95 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion:330 Resp: 135304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.5 | 77.0 | 115.6 |
| 141 | 38.4 | 25.2 | 37.8# |

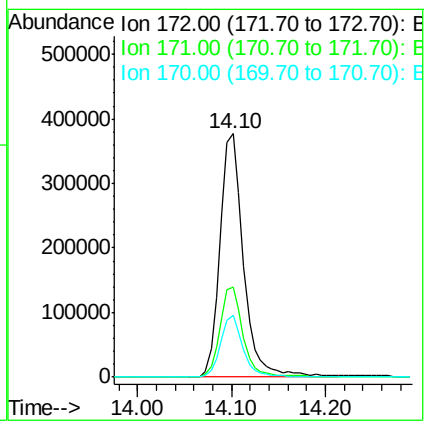


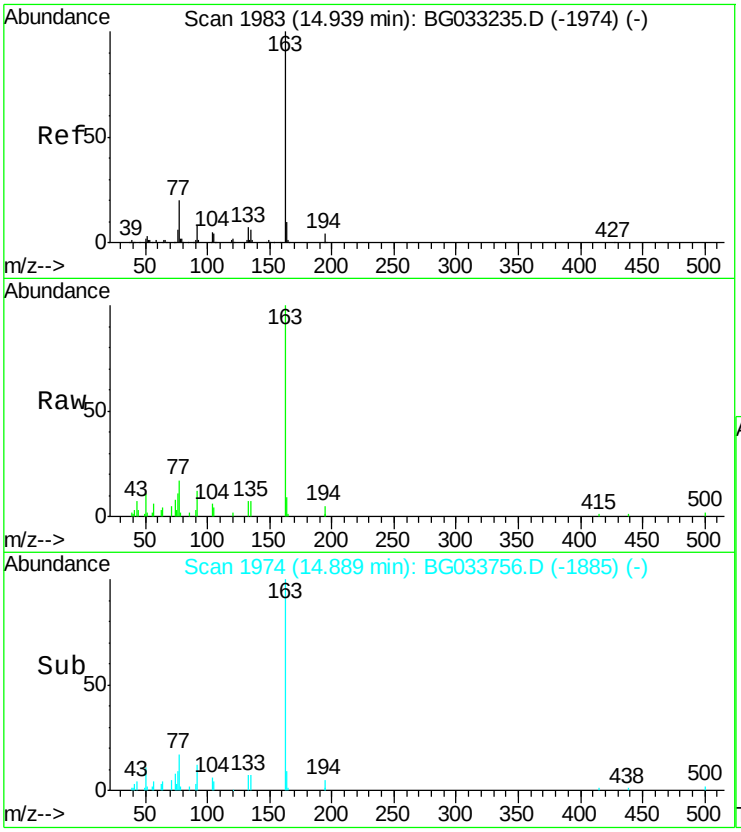




#44
2-Fluorobiphenyl
Concen: 95.731 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion:172 Resp: 660329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 30.0 | 45.0 |
| 170 | 25.2 | 19.5 | 29.3 |



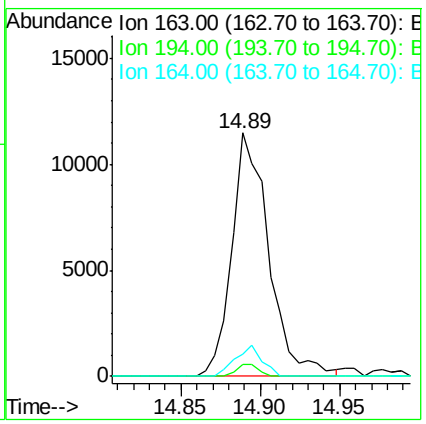


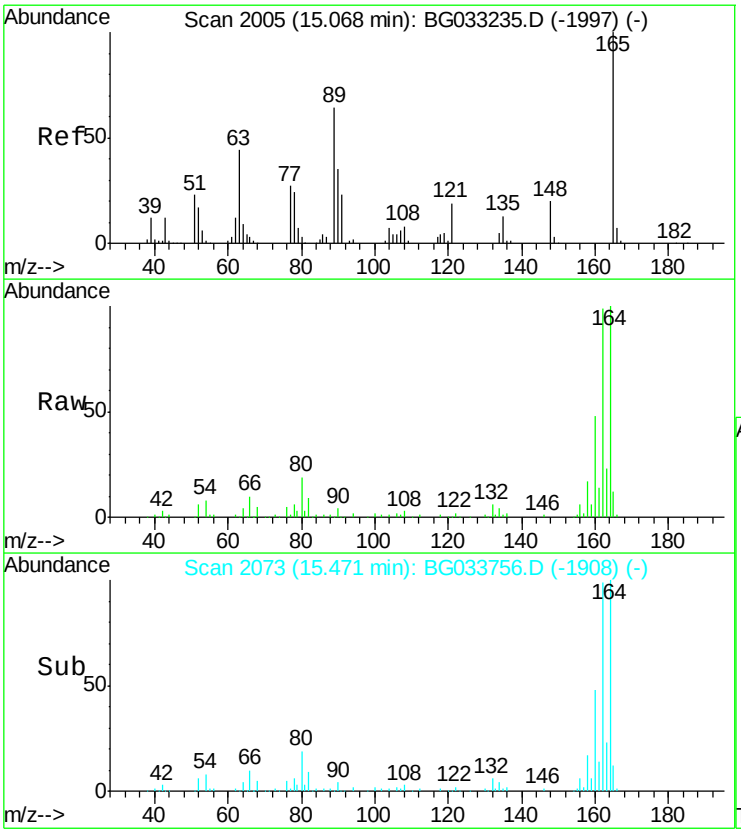

#49
Dimethylphthalate
Concen: 2.149 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion:163 Resp: 18626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.7 | 3.4 | 5.2 |
| 164 | 9.0 | 8.2 | 12.4 |

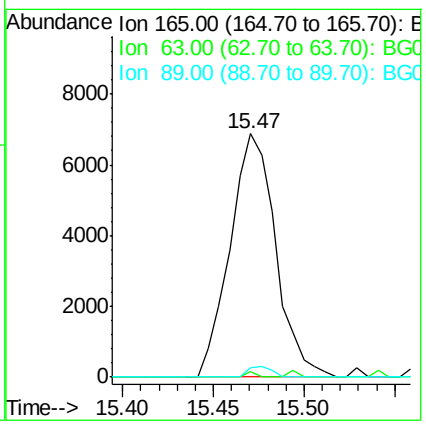


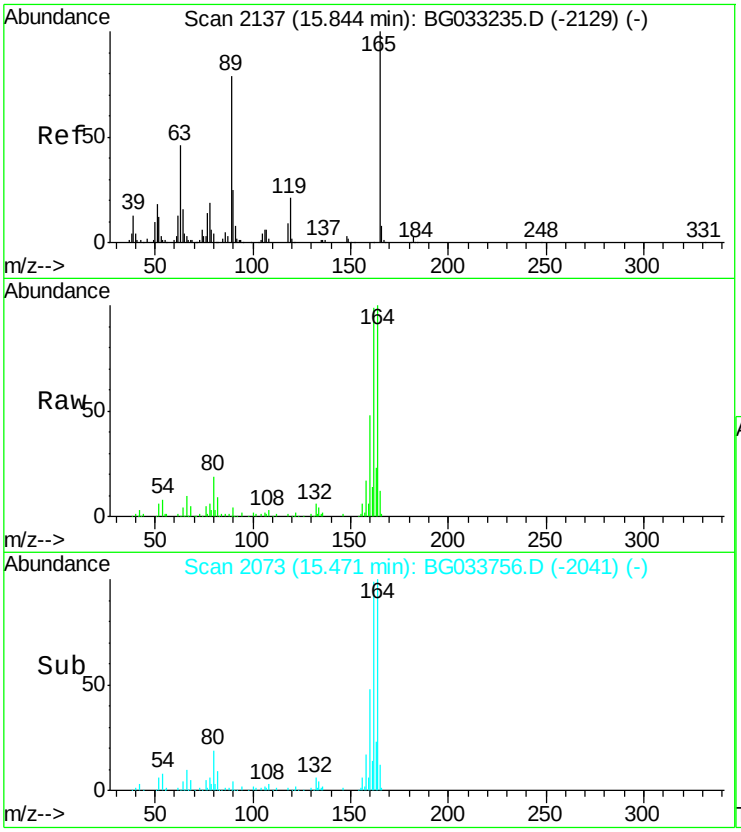




#50
2,6-Dinitrotoluene
Concen: 6.808 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion:165 Resp: 12063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.3 | 52.7 | 79.1# |
| 89 | 4.1 | 49.2 | 73.8# |



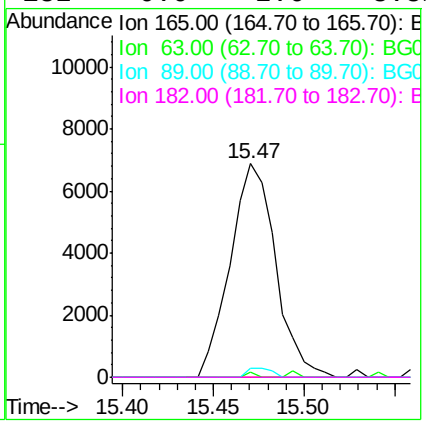


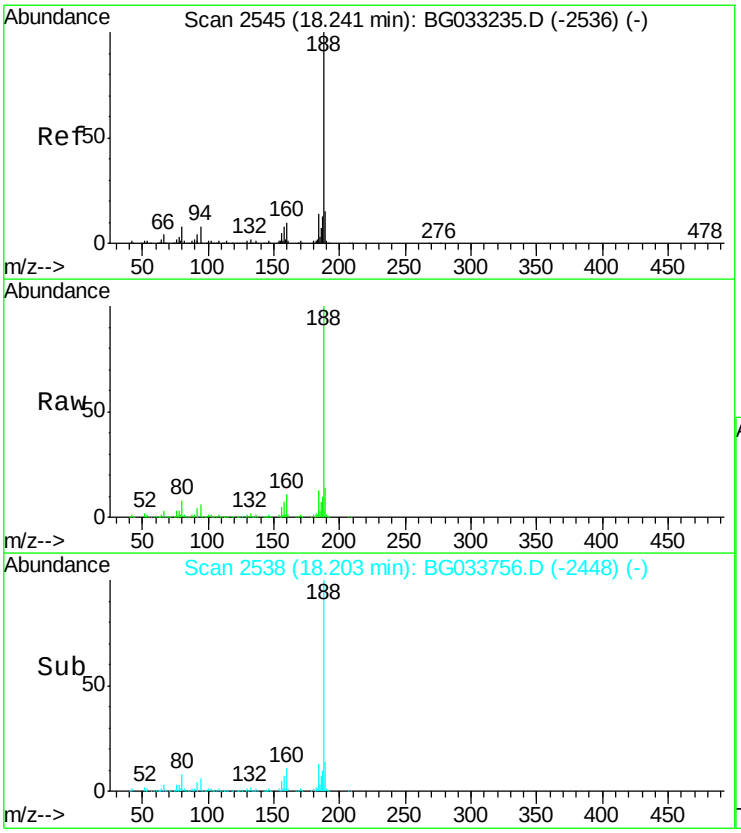

#56
2,4-Dinitrotoluene
Concen: 4.624 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.34 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion:165 Resp: 12063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.3 | 42.0 | 63.0# |
| 89 | 4.1 | 66.9 | 100.3# |
| 182 | 0.0 | 2.6 | 3.8# |

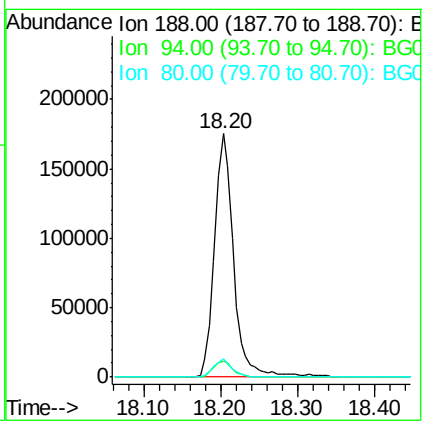


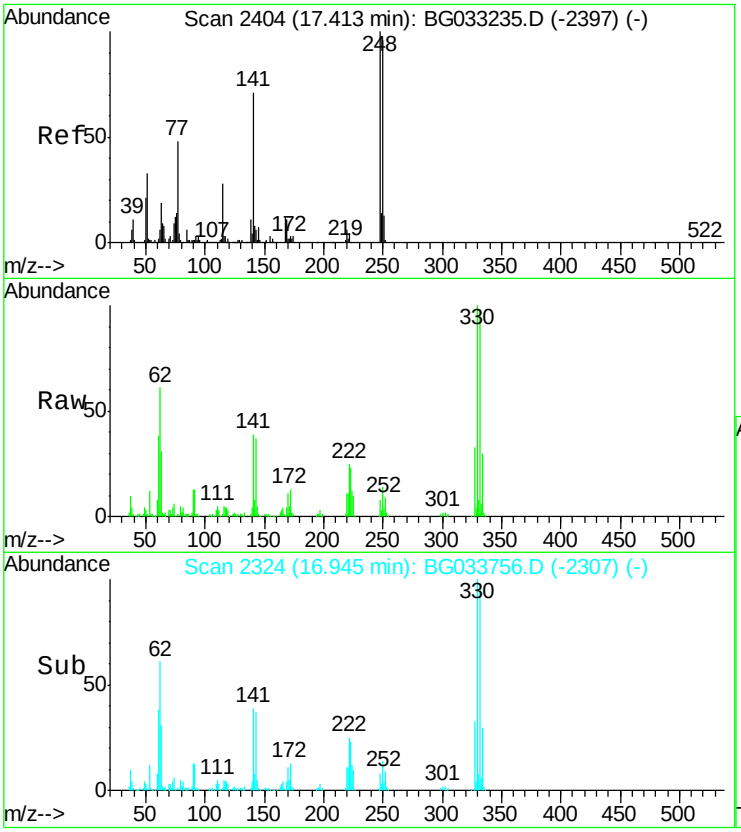




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion:188 Resp: 300017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.3 | 6.9 | 10.3# |
| 80 | 7.7 | 7.7 | 11.5 |



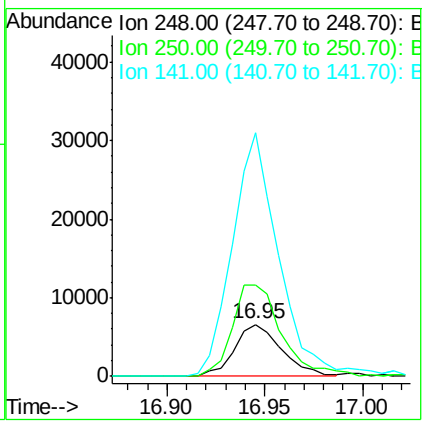


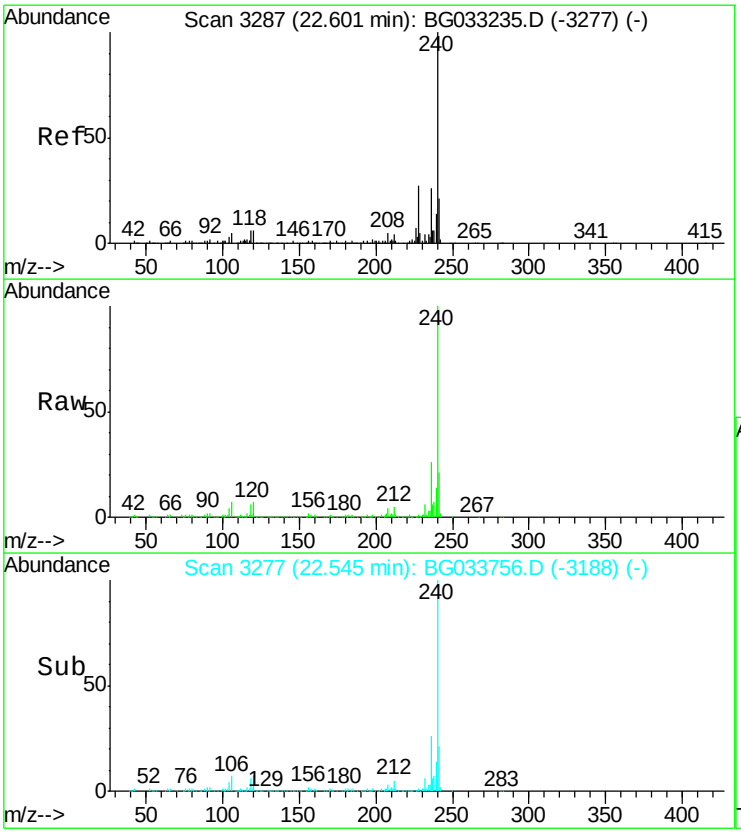

#66
4-Bromophenyl-phenylether
Concen: 3.131 ng
RT: 16.95 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion:248 Resp: 11033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 174.4 | 77.1 | 115.7# |
| 141 | 466.3 | 50.8 | 76.2# |

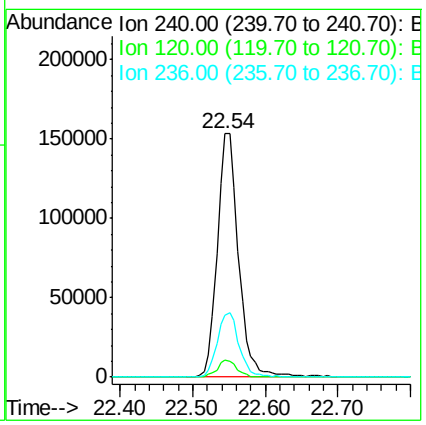


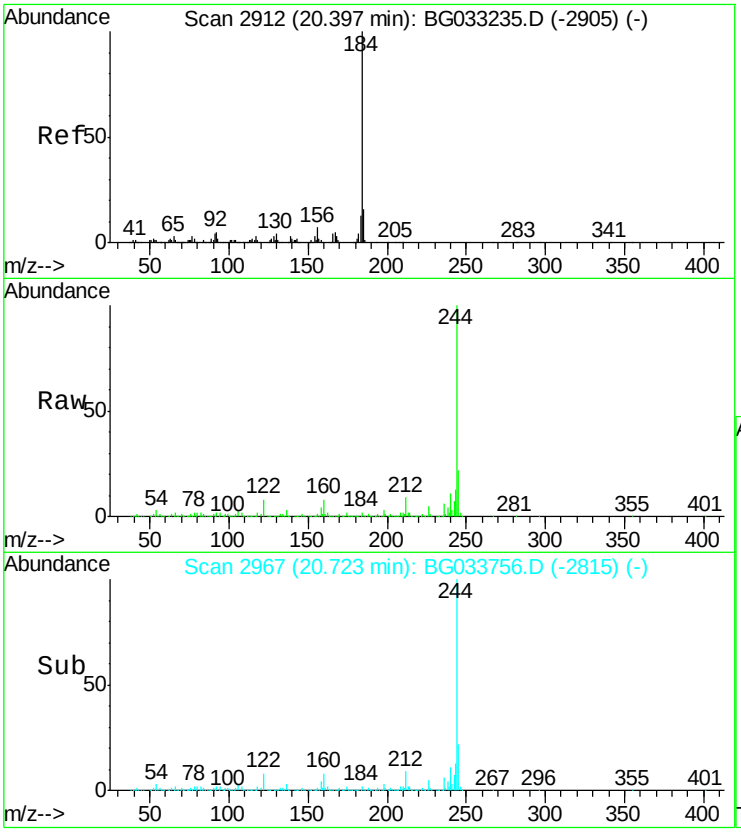




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion:240 Resp: 312465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.8 | 6.8 | 10.2 |
| 236 | 25.5 | 20.9 | 31.3 |



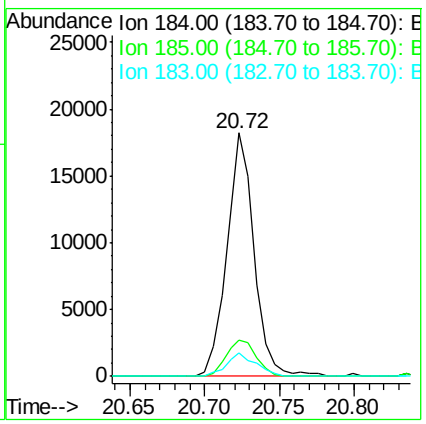


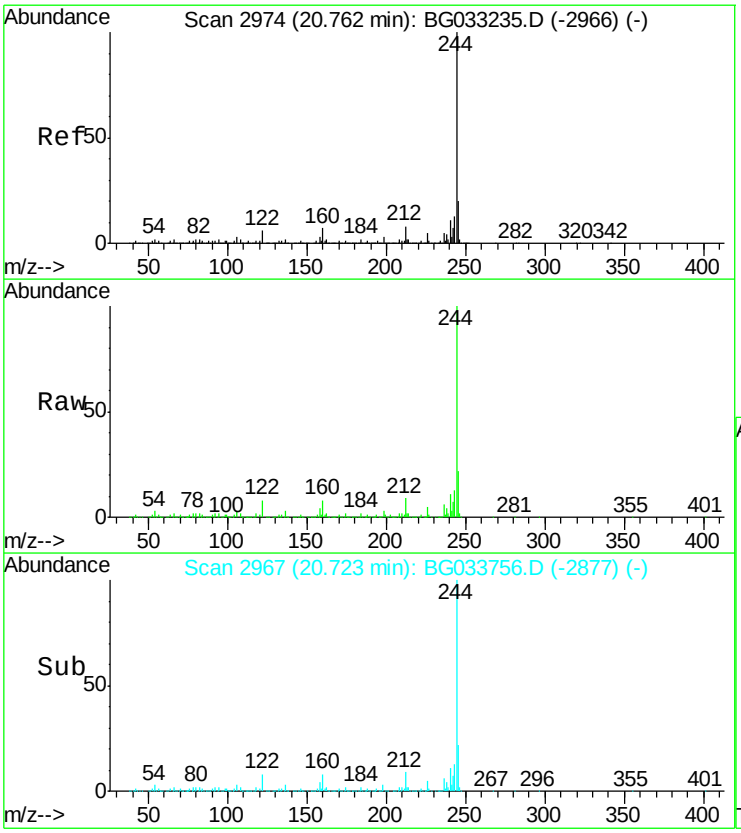

#76
Benzidine
Concen: 2.754 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.36 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion:184 Resp: 23335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 11.1 | 16.7 |
| 183 | 9.6 | 10.6 | 16.0# |

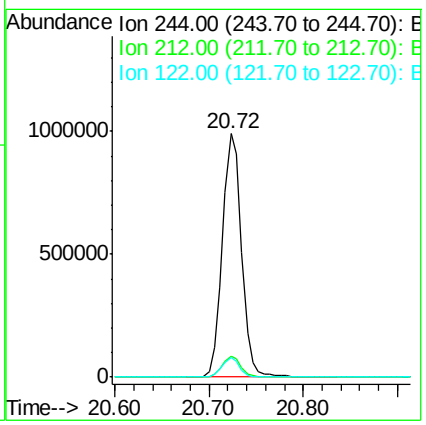


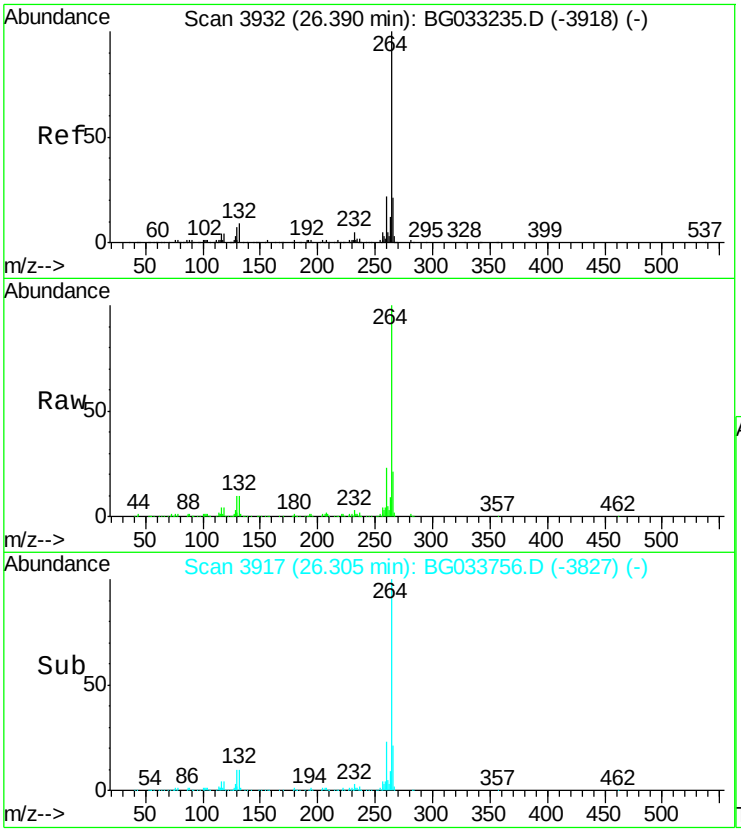




#78
Terphenyl-d14
Concen: 96.473 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

Tgt Ion:244 Resp: 1409534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.8 | 5.8 | 8.8 |
| 122 | 7.8 | 7.0 | 10.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3917
Delta R.T. -0.00 min
Lab File: BG033756.D
Acq: 11 Apr 2018 21:55

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

Tgt Ion:264 Resp: 338596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 17.4 | 26.0 |
| 265 | 21.4 | 17.7 | 26.5 |