Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
Data File : BG033338.D
Acq On : 26 Mar 2018 20:33
Operator : SJ/JU
Sample : J2053-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 27 07:47:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.87 | 152 | 39024 | 20.00 | ng | -0.03 |
| 21) Naphthalene-d8 | 11.75 | 136 | 161534 | 20.00 | ng | -0.03 |
| 38) Acenaphthene-d10 | 15.48 | 164 | 126988 | 20.00 | ng | -0.03 |
| 63) Phenanthrene-d10 | 18.21 | 188 | 352040 | 20.00 | ng | -0.03 |
| 75) Chrysene-d12 | 22.55 | 240 | 363934 | 20.00 | ng | -0.05 |
| 86) Perylene-d12 | 26.32 | 264 | 398185 | 20.00 | ng | -0.07 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.28 | 112 | 166497 | 80.00 | ng | -0.03 |
| 7) Phenol-d6 | 7.97 | 99 | 169477 | 47.40 | ng | -0.03 |
| 23) Nitrobenzene-d5 | 10.07 | 82 | 350486 | 99.69 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 16.95 | 330 | 309601 | 163.01 | ng | -0.03 |
| 44) 2-Fluorobiphenyl | 14.11 | 172 | 885923 | 100.71 | ng | -0.03 |
| 78) Terphenyl-d14 | 20.73 | 244 | 1669762 | 98.12 | ng | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 9.20 | 79 | 5705 | 2.026 | ng | # 40 |
| 19) n-Nitroso-di-n-propylamine | 10.06 | 70 | 47926 | 18.291 | ng | # 74 |
| 49) Dimethylphthalate | 14.90 | 163 | 28797 | 2.606 | ng | # 91 |
| 50) 2,6-Dinitrotoluene | 15.48 | 165 | 16391 | 7.254 | ng | # 20 |
| 56) 2,4-Dinitrotoluene | 15.48 | 165 | 16391 | 4.926 | ng | # 18 |
| 66) 4-Bromophenyl-phenylether | 16.95 | 248 | 23331 | 5.643 | ng | # 1 |
| 76) Benzidine | 20.73 | 184 | 26764 | 2.712 | ng | # 93 |

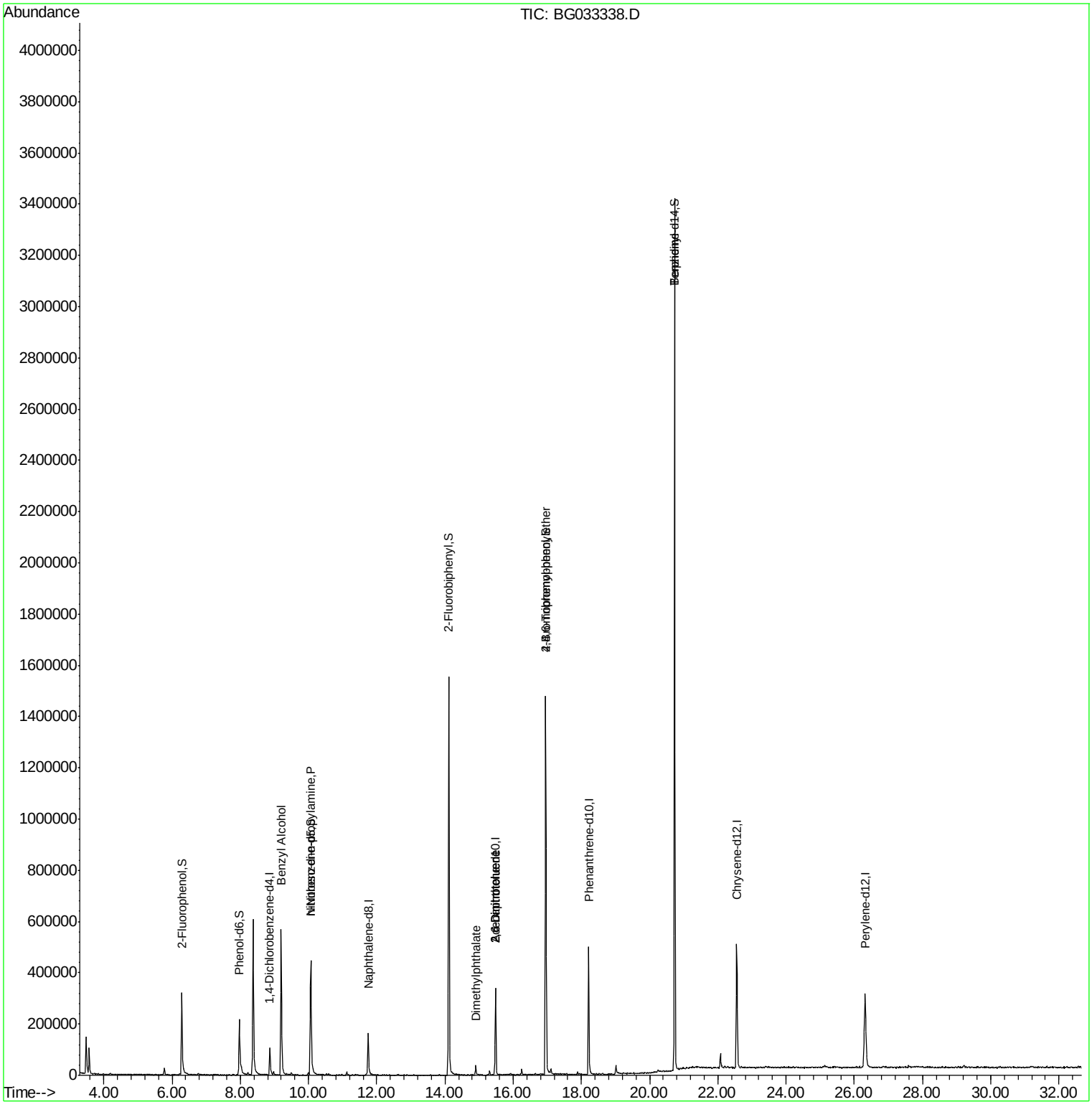
(#) = qualifier out of range (m) = manual integration (+) = signals summed

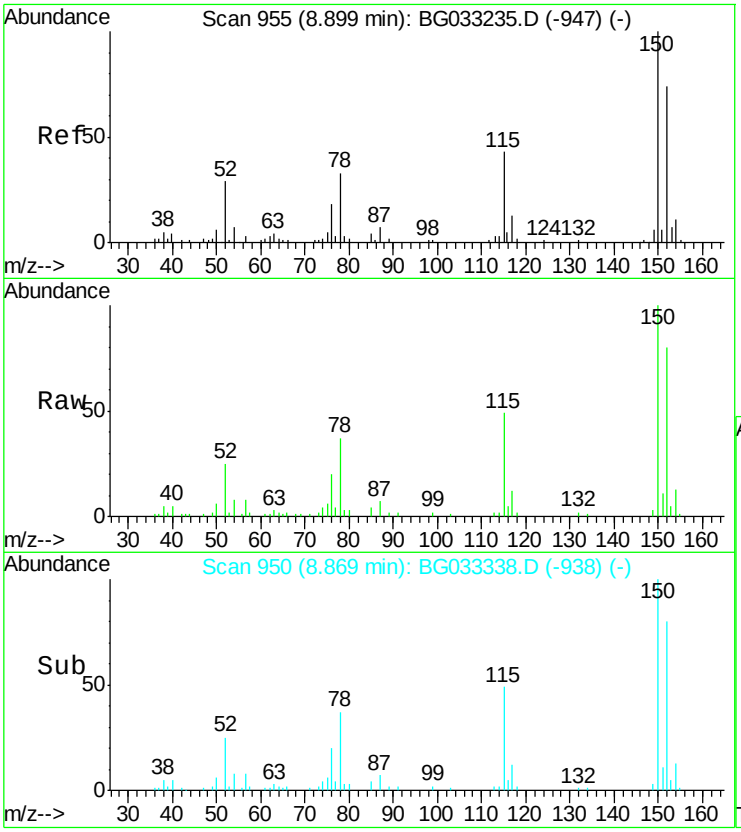
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
Data File : BG033338.D
Acq On : 26 Mar 2018 20:33
Operator : SJ/JU
Sample : J2053-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 27 07:47:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration



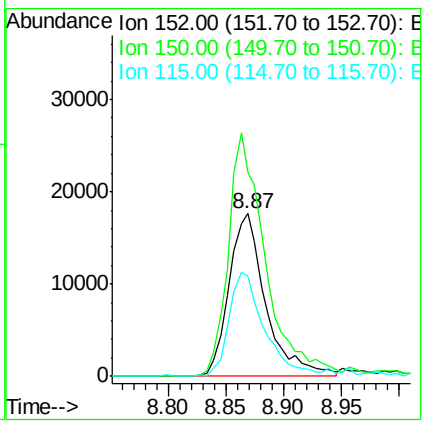


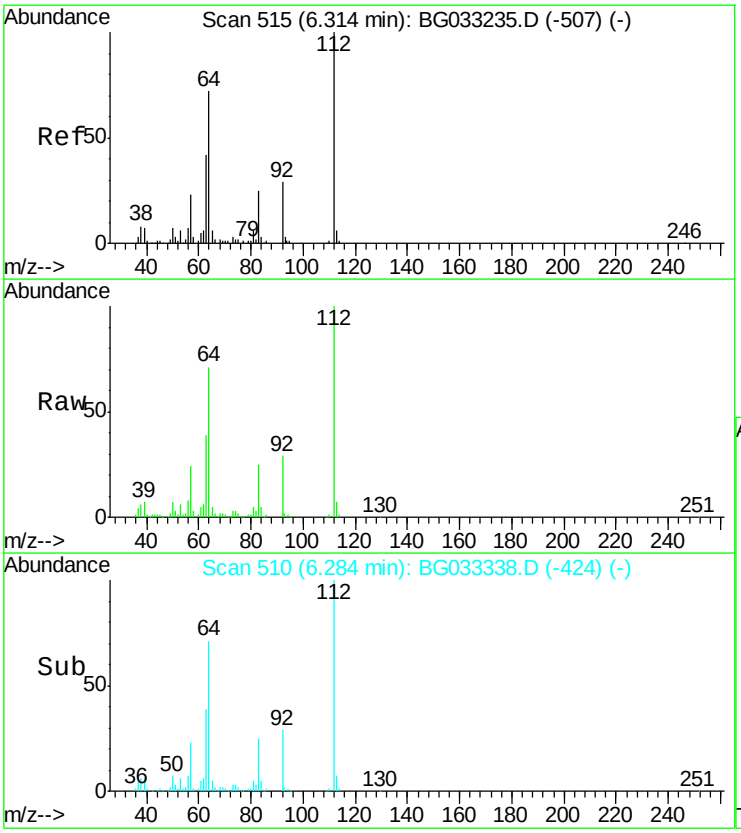

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion:152 Resp: 39024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 125.2 | 126.6 | 189.8# |
| 115 | 61.8 | 53.0 | 79.4 |

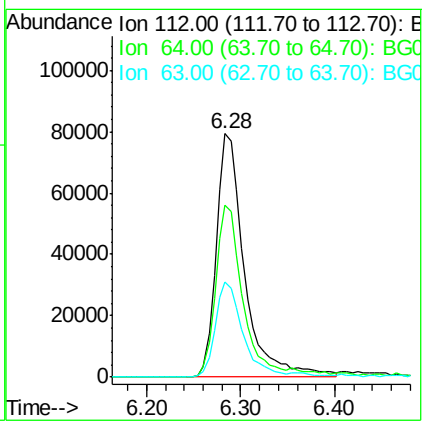


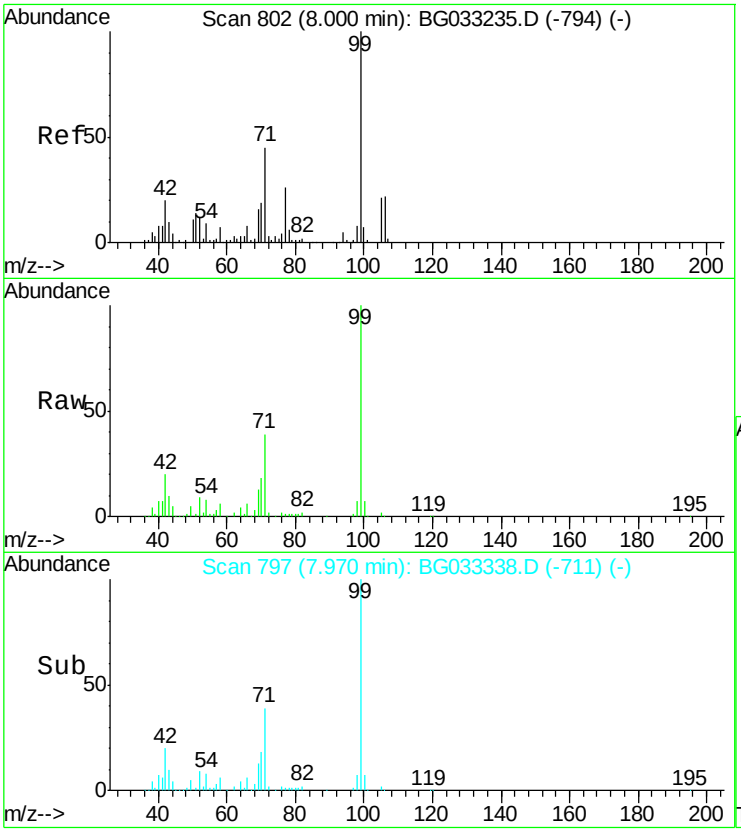




#5
2-Fluorophenol
Concen: 80.003 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion:112 Resp: 166497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.5 | 56.3 | 84.5 |
| 63 | 39.1 | 30.1 | 45.1 |



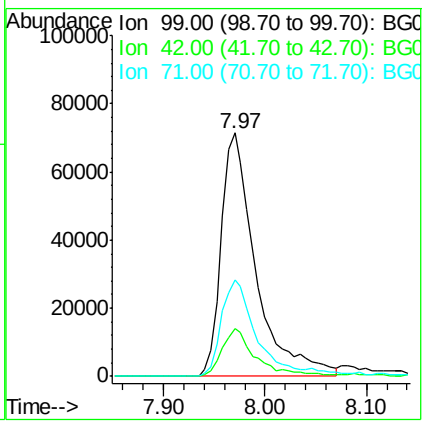


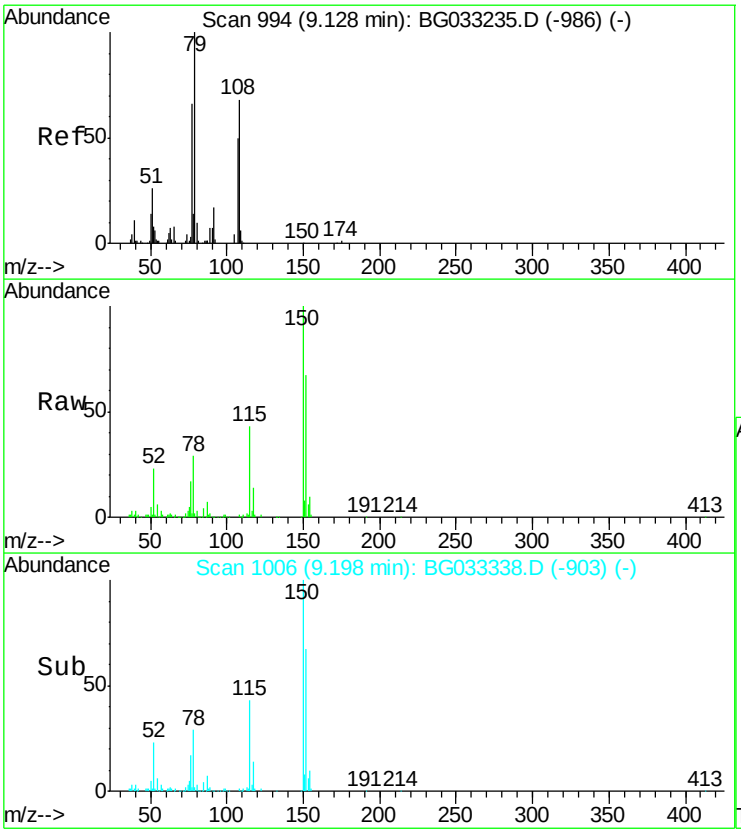

#7
Phenol-d6
Concen: 47.395 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion: 99 Resp: 169477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.6 | 14.1 | 21.1 |
| 71 | 39.4 | 26.1 | 39.1# |

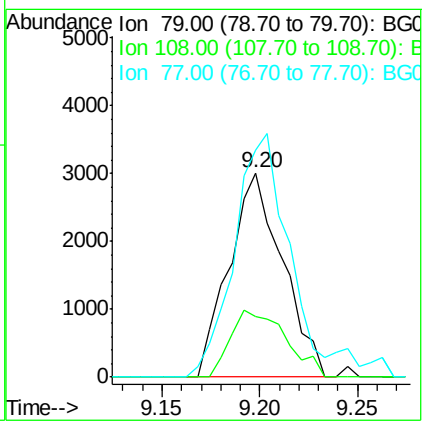


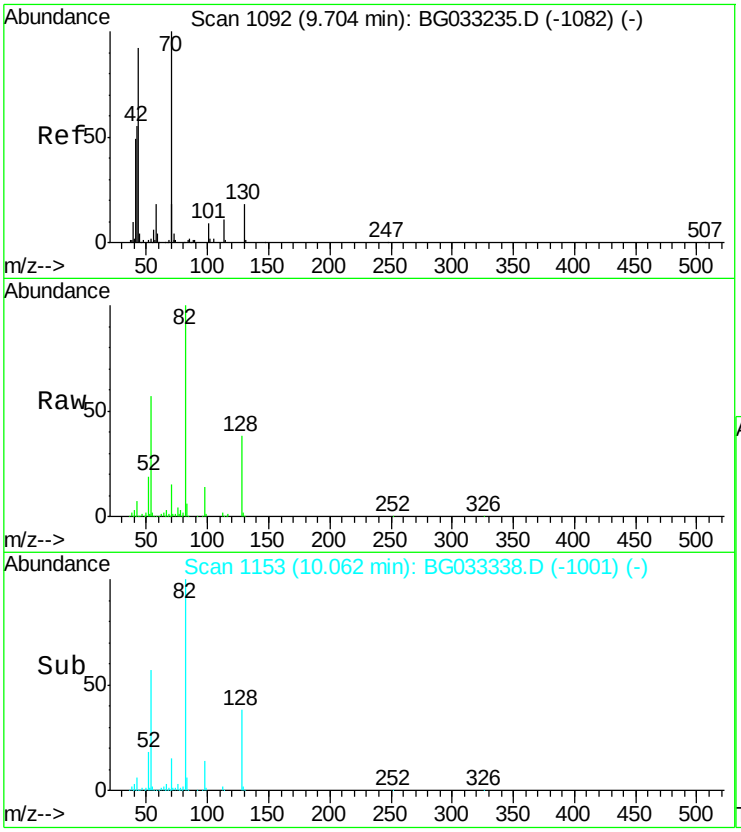




#15
Benzyl Alcohol
Concen: 2.026 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.07 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion: 79 Resp: 5705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 29.8 | 57.2 | 85.8# |
| 77 | 111.2 | 46.1 | 69.1# |



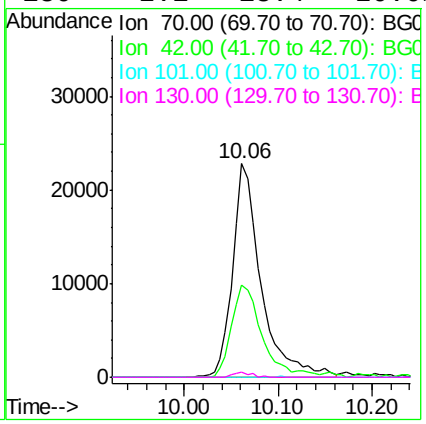


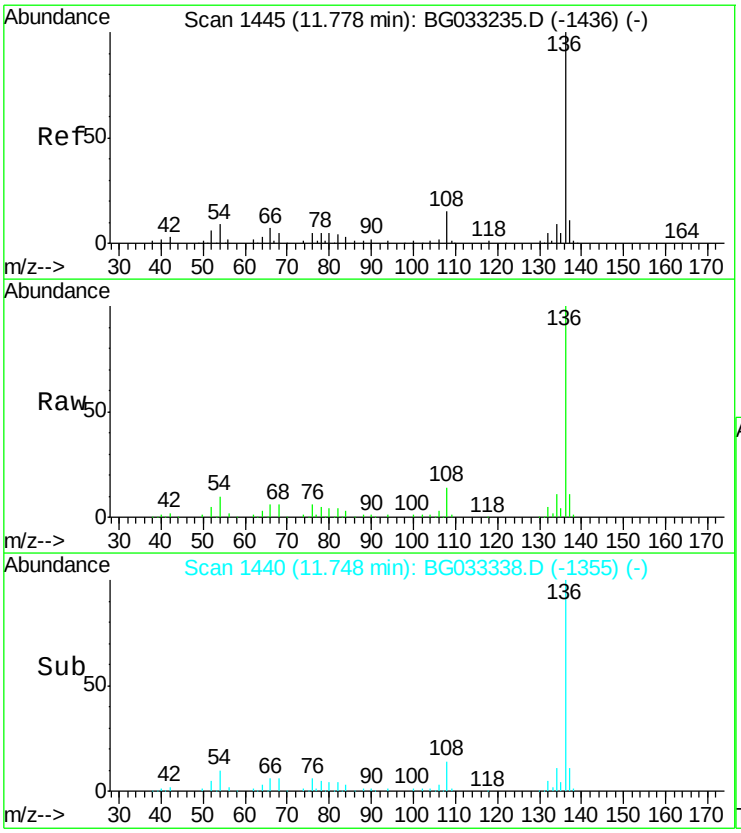

#19
n-Nitroso-di-n-propylamine
Concen: 18.291 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.36 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion: 70 Resp: 47926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.3 | 49.1 | 73.7# |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 2.1 | 13.4 | 20.0# |

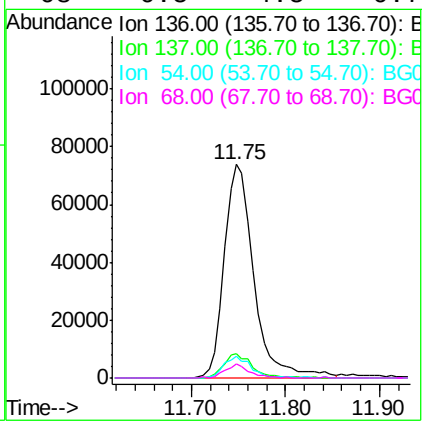


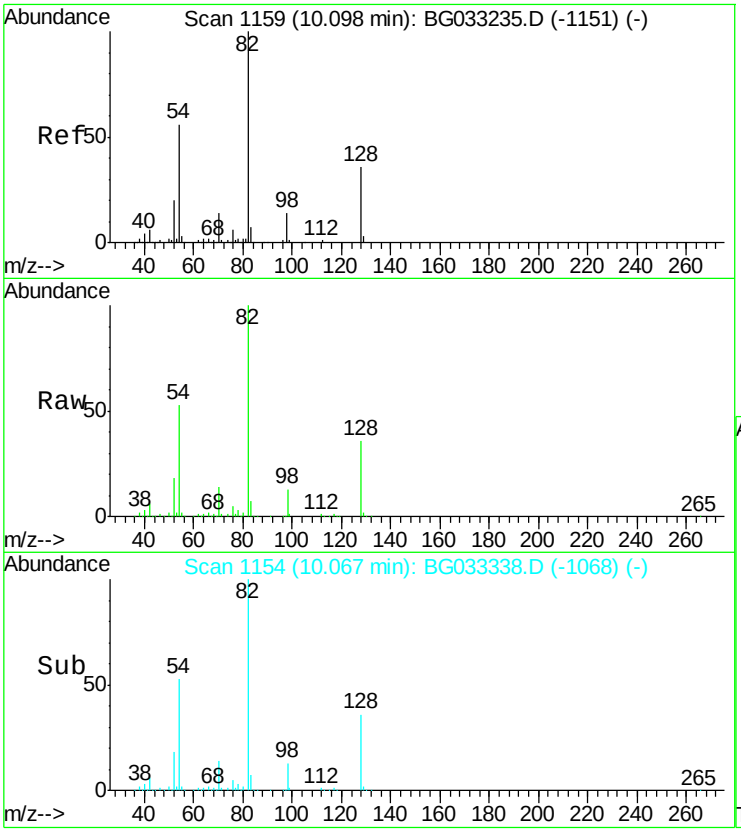




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion:136 Resp: 161534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.2 | 13.8 |
| 54 | 9.9 | 10.3 | 15.5# |
| 68 | 6.5 | 4.5 | 6.7 |



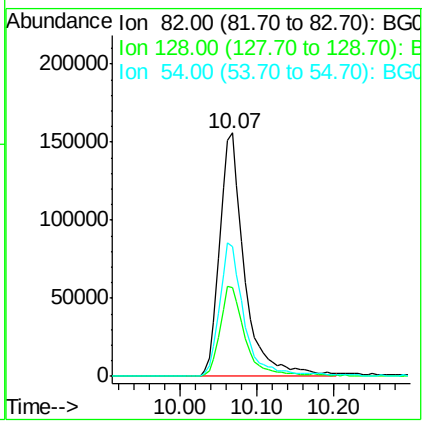


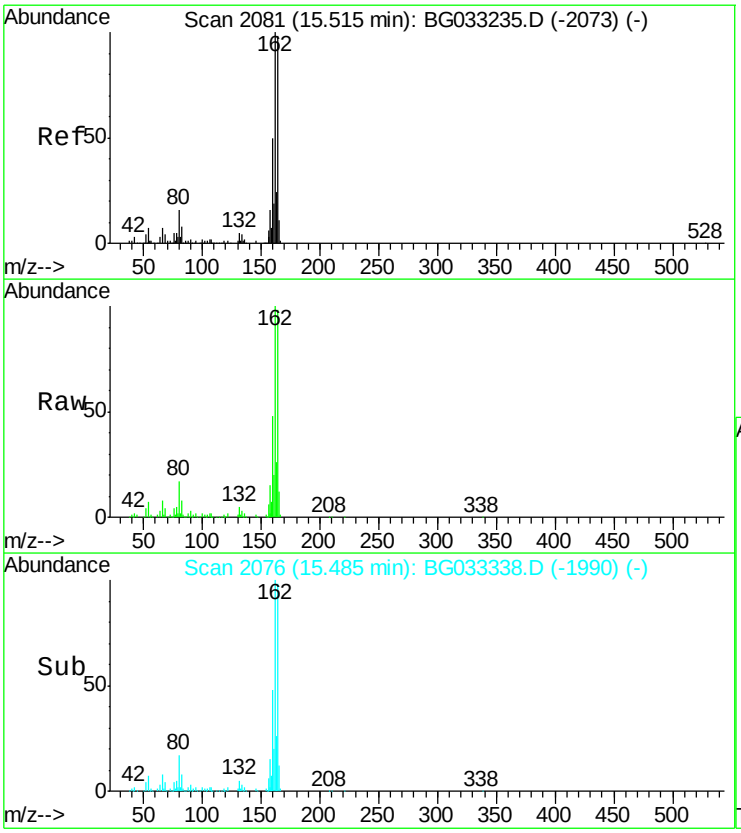

#23
Nitrobenzene-d5
Concen: 99.686 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion: 82 Resp: 350486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.3 | 29.7 | 44.5 |
| 54 | 53.4 | 43.1 | 64.7 |

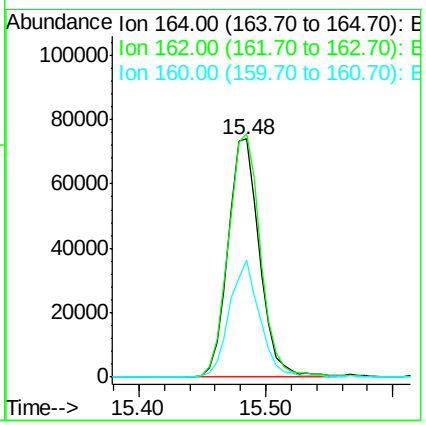


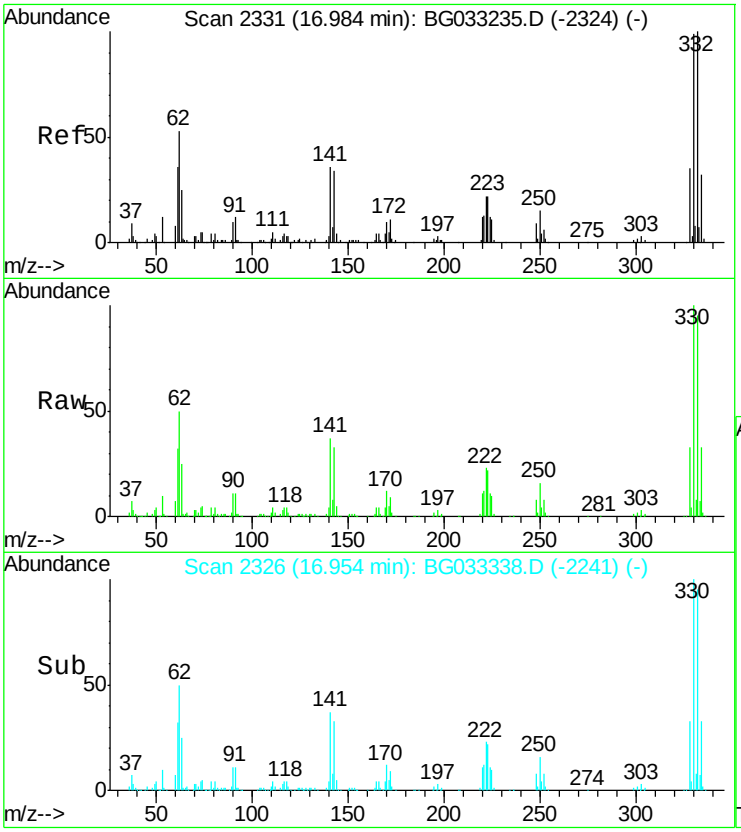




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion:164 Resp: 126988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 78.8 | 118.2 |
| 160 | 49.3 | 35.4 | 53.0 |



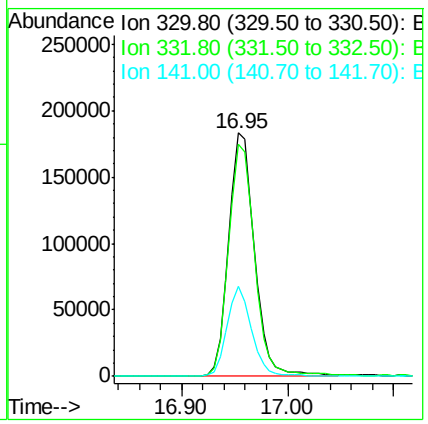


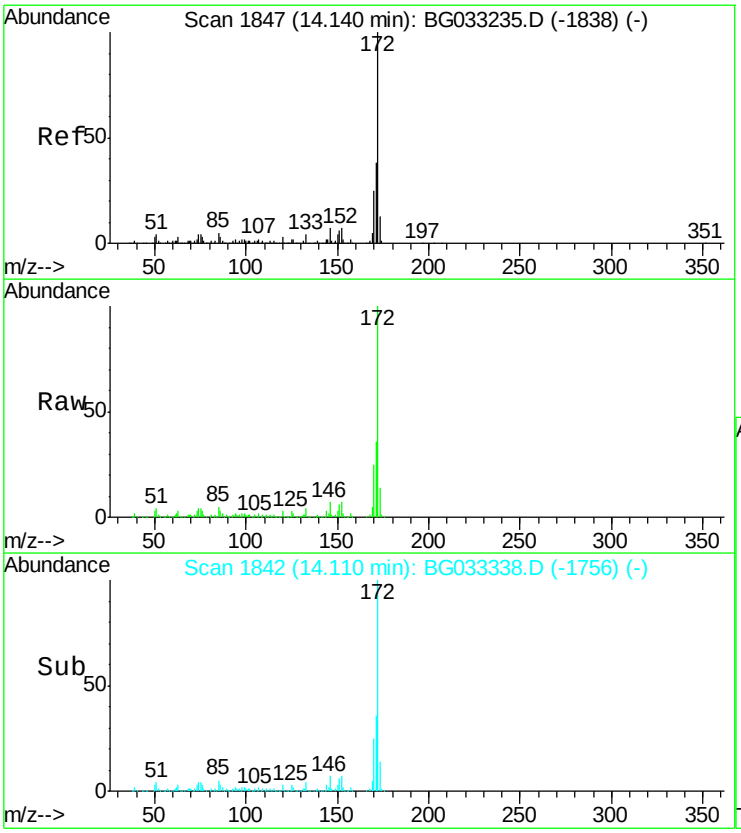

#41
2,4,6-Tribromophenol
Concen: 163.012 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion:330 Resp: 309601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.0 | 115.6 |
| 141 | 35.2 | 25.2 | 37.8 |

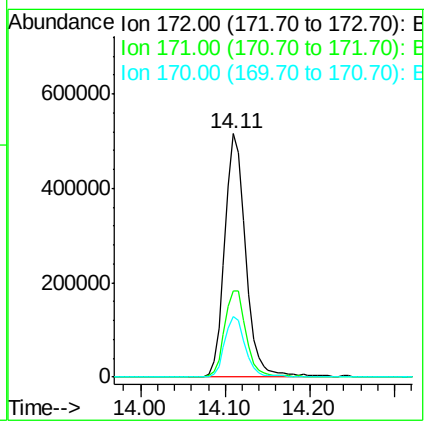


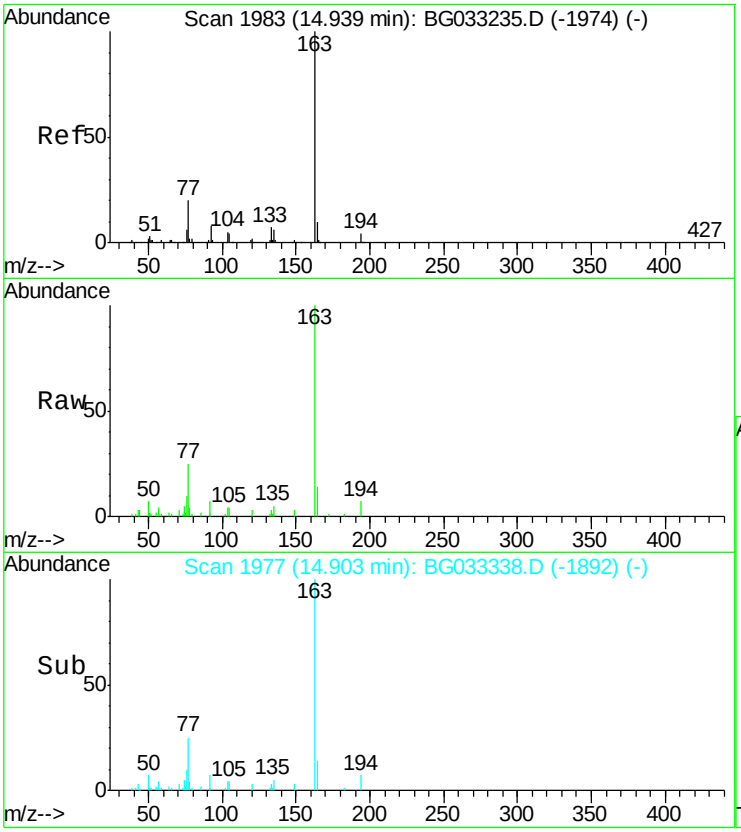




#44
2-Fluorobiphenyl
Concen: 100.714 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion:172 Resp: 885923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 30.0 | 45.0 |
| 170 | 25.0 | 19.5 | 29.3 |



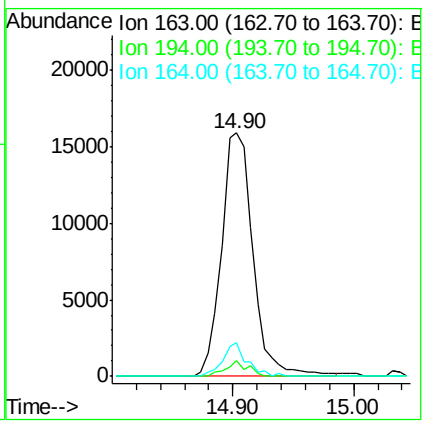


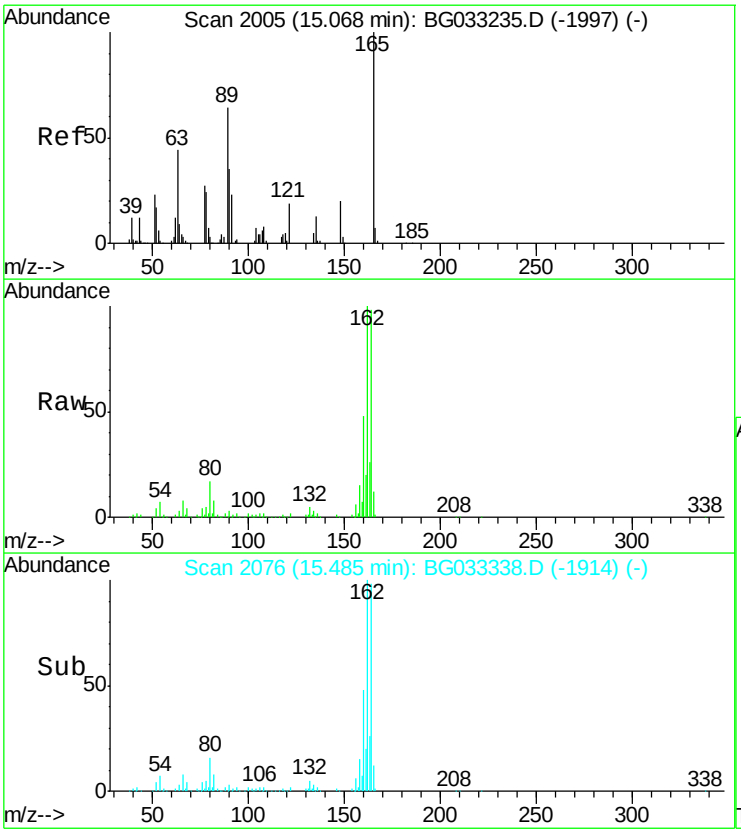

#49
Dimethylphthalate
Concen: 2.606 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion:163 Resp: 28797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 6.5 | 3.4 | 5.2# |
| 164 | 13.8 | 8.2 | 12.4# |

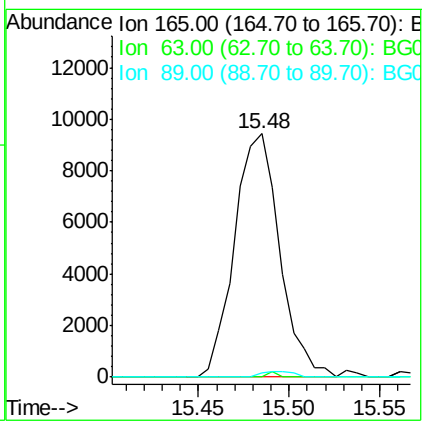


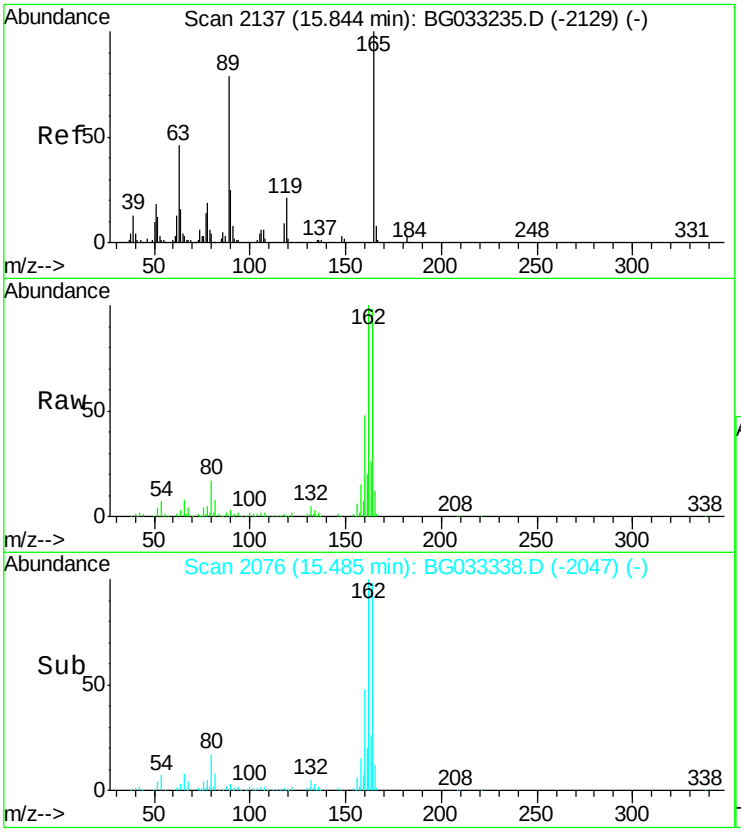




#50
2,6-Dinitrotoluene
Concen: 7.254 ng
RT: 15.48 min Scan# 2076
Delta R.T. 0.42 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion:165 Resp: 16391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 52.7 | 79.1# |
| 89 | 2.0 | 49.2 | 73.8# |



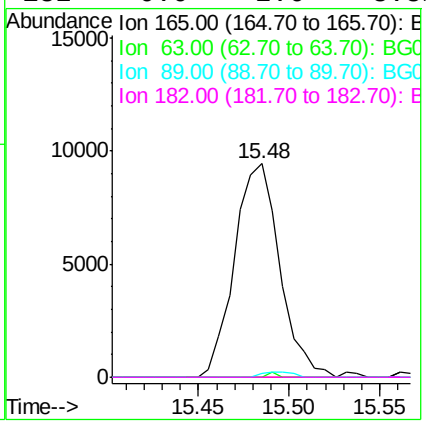


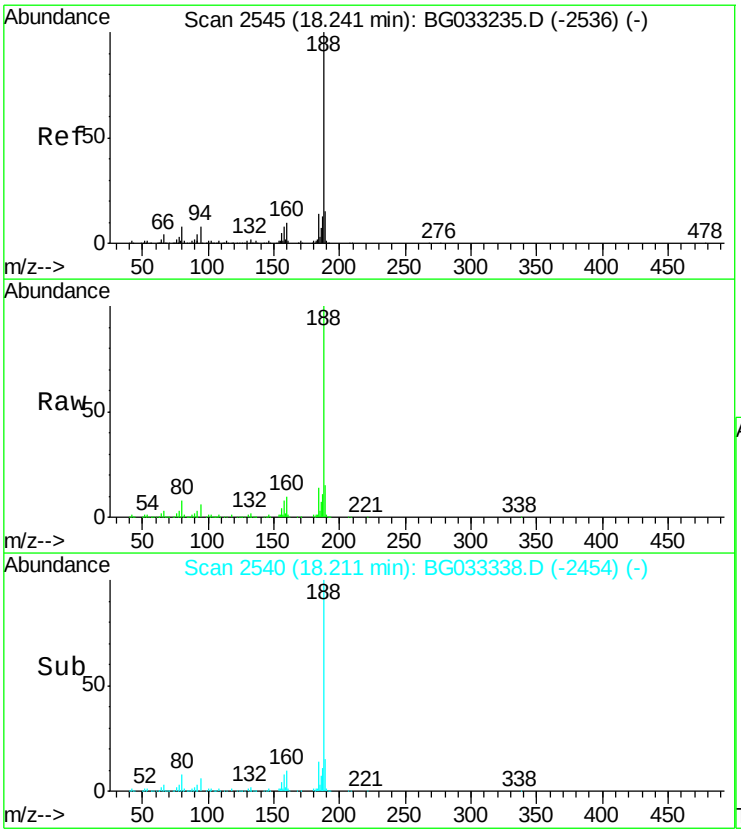

#56
2,4-Dinitrotoluene
Concen: 4.926 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.36 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion:165 Resp: 16391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 42.0 | 63.0# |
| 89 | 2.0 | 66.9 | 100.3# |
| 182 | 0.0 | 2.6 | 3.8# |

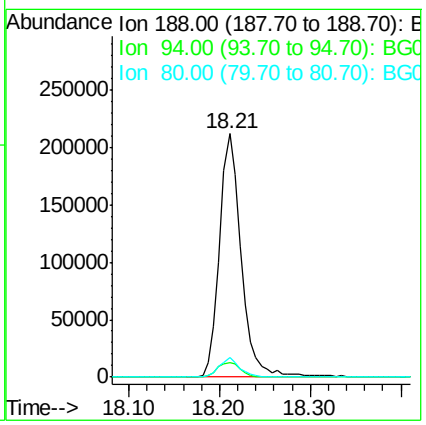


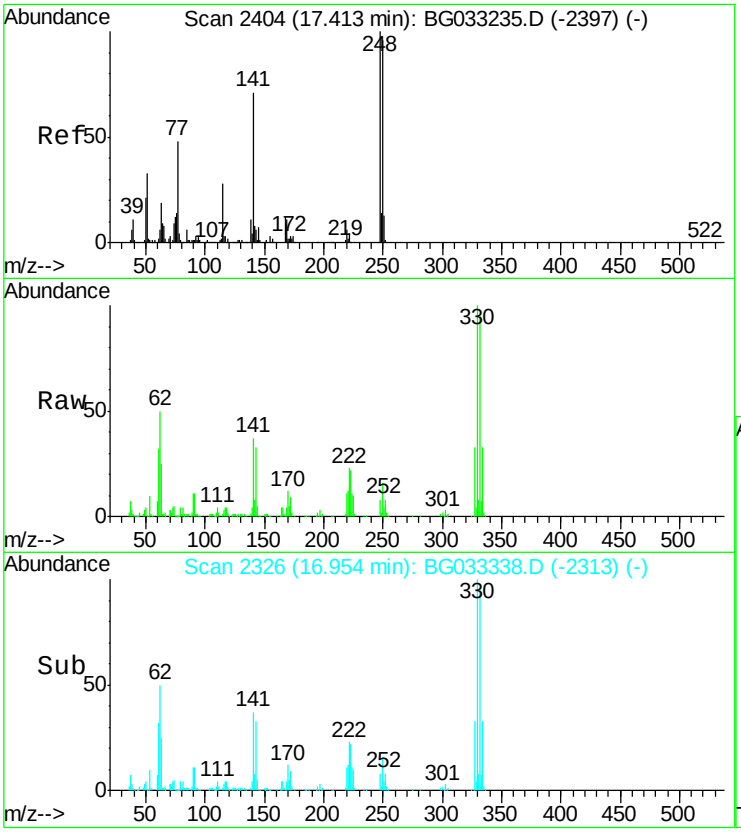




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion:188 Resp: 352040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.1 | 6.9 | 10.3# |
| 80 | 7.8 | 7.7 | 11.5 |



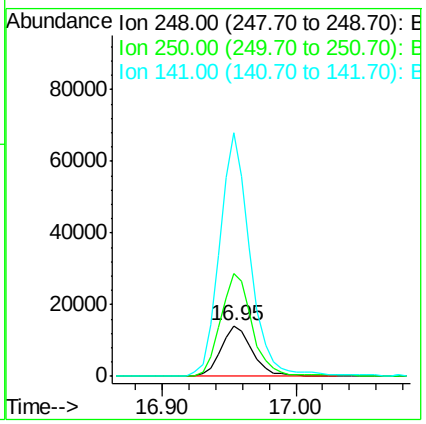


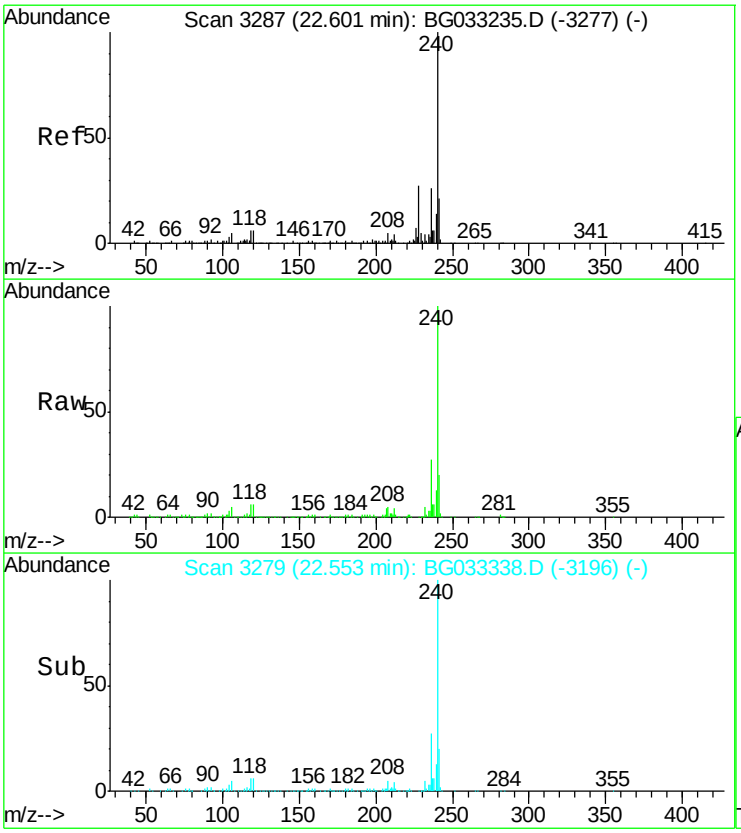

#66
4-Bromophenyl-phenylether
Concen: 5.643 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.46 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion:248 Resp: 23331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 202.0 | 77.1 | 115.7# |
| 141 | 478.4 | 50.8 | 76.2# |

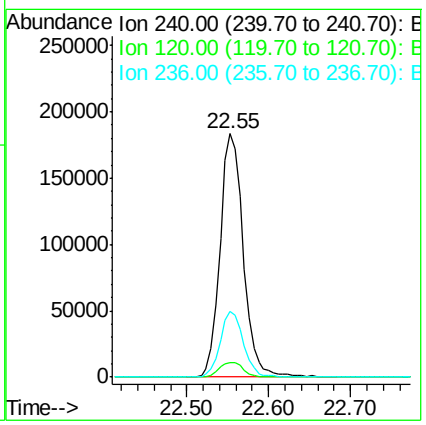


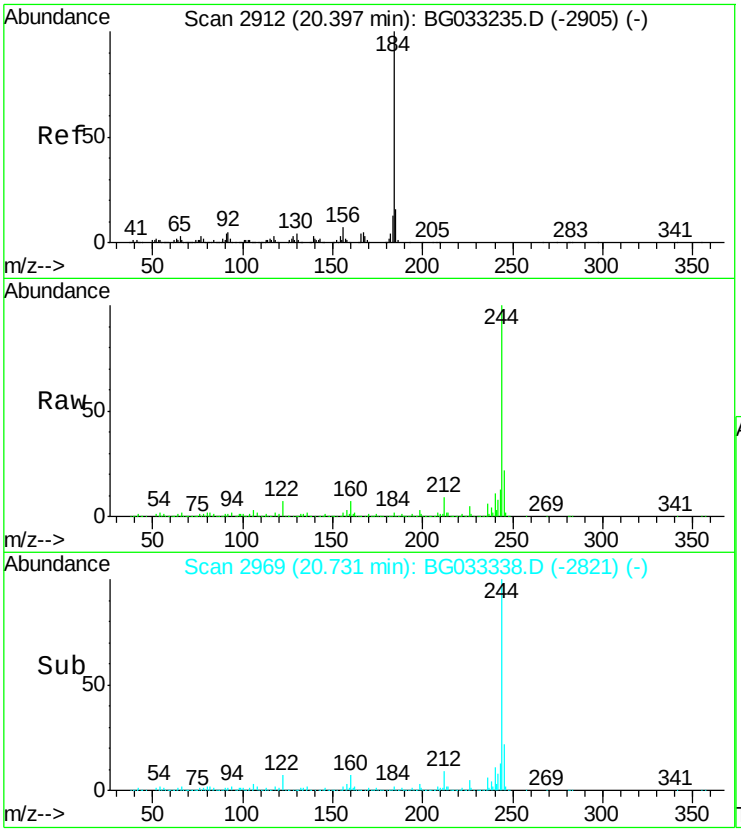




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.05 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion:240 Resp: 363934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 6.8 | 10.2# |
| 236 | 27.2 | 20.9 | 31.3 |



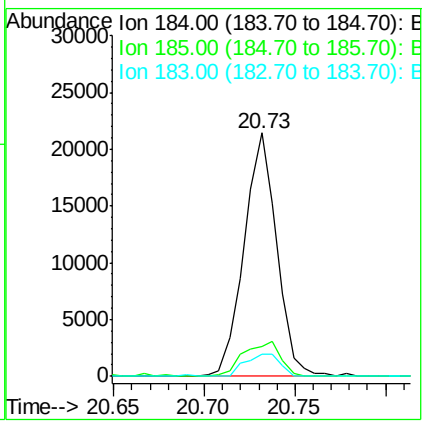


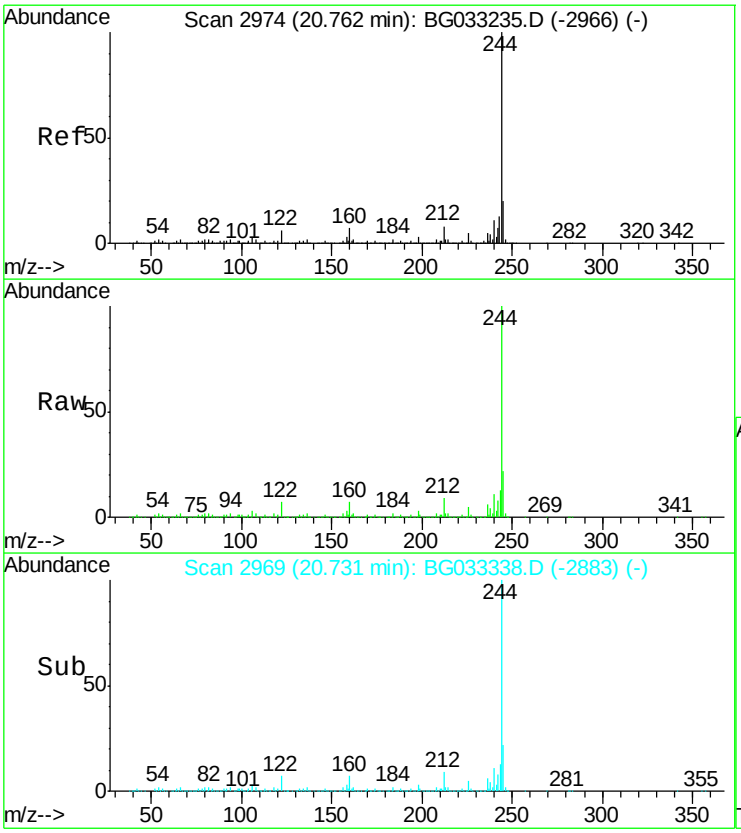

#76
Benzidine
Concen: 2.712 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion:184 Resp: 26764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 12.4 | 11.1 | 16.7 |
| 183 | 9.1 | 10.6 | 16.0# |

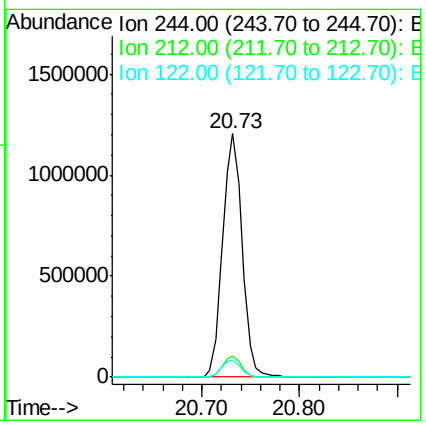


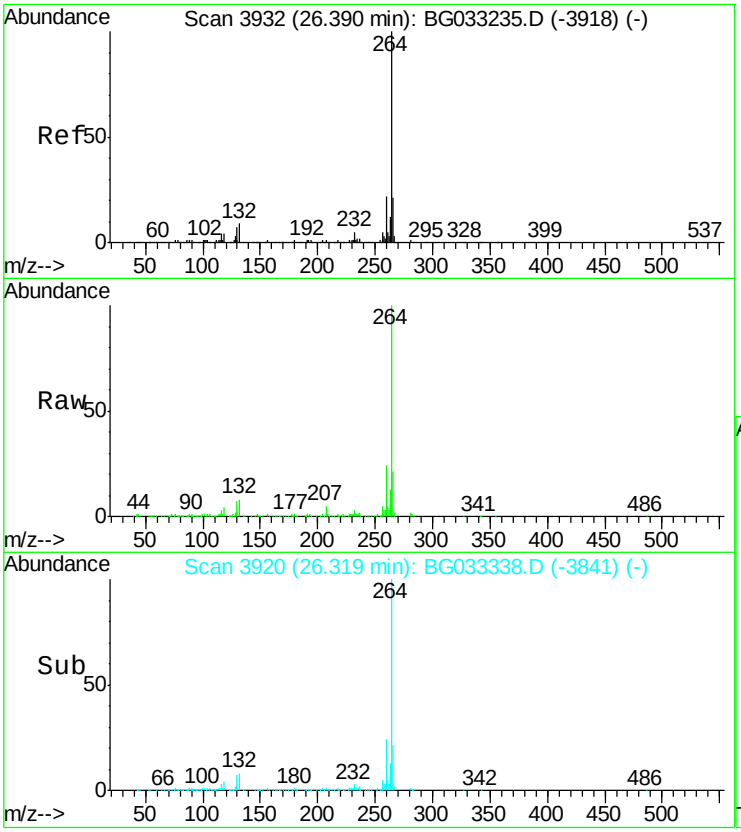




#78
Terphenyl-d14
Concen: 98.121 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

Tgt Ion:244 Resp: 1669762

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






#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.07 min
Lab File: BG033338.D
Acq: 26 Mar 2018 20:33

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

Tgt Ion:264 Resp: 398185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 17.4 | 26.0 |
| 265 | 20.9 | 17.7 | 26.5 |