Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033173.D
Acq On : 15 Mar 2018 9:31
Operator : SJ/JU
Sample : J1911-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Mar 15 10:44:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.90 | 152 | 35351 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.78 | 136 | 164066 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.52 | 164 | 99819 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.24 | 188 | 245426 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.60 | 240 | 243646 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 26.40 | 264 | 259367 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.32 | 112 | 324201 | 146.72 | ng | 0.00 |
| 7) Phenol-d6 | 8.00 | 99 | 401551 | 130.38 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 10.10 | 82 | 299609 | 121.86 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.99 | 330 | 240975 | 229.60 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.14 | 172 | 690147 | 99.72 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.77 | 244 | 1244701 | 114.78 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 9.23 | 79 | 4732 | 2.090 | ng | # 44 |
| 19) n-Nitroso-di-n-propylamine | 10.10 | 70 | 40496 | 18.624 | ng | # 81 |
| 24) Nitrobenzene | 10.10 | 77 | 948 | 6.694 | ng | # 32 |
| 47) 2-Nitroaniline | 14.14 | 65 | 1296 | 10.463 | ng | # 8 |
| 50) 2,6-Dinitrotoluene | 15.52 | 165 | 12528 | 16.173 | ng | # 22 |
| 55) 4-Nitrophenol | 15.92 | 139 | 75 | 7.130 | ng | # 1 |
| 56) 2,4-Dinitrotoluene | 15.52 | 165 | 12528 | 14.369 | ng | # 19 |
| 64) 4,6-Dinitro-2-methylphenol | 16.99 | 198 | 517 | 5.843 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 16.99 | 248 | 15584 | 6.005 | ng | # 1 |
| 76) Benzidine | 20.77 | 184 | 20784 | 2.503 | ng | # 89 |

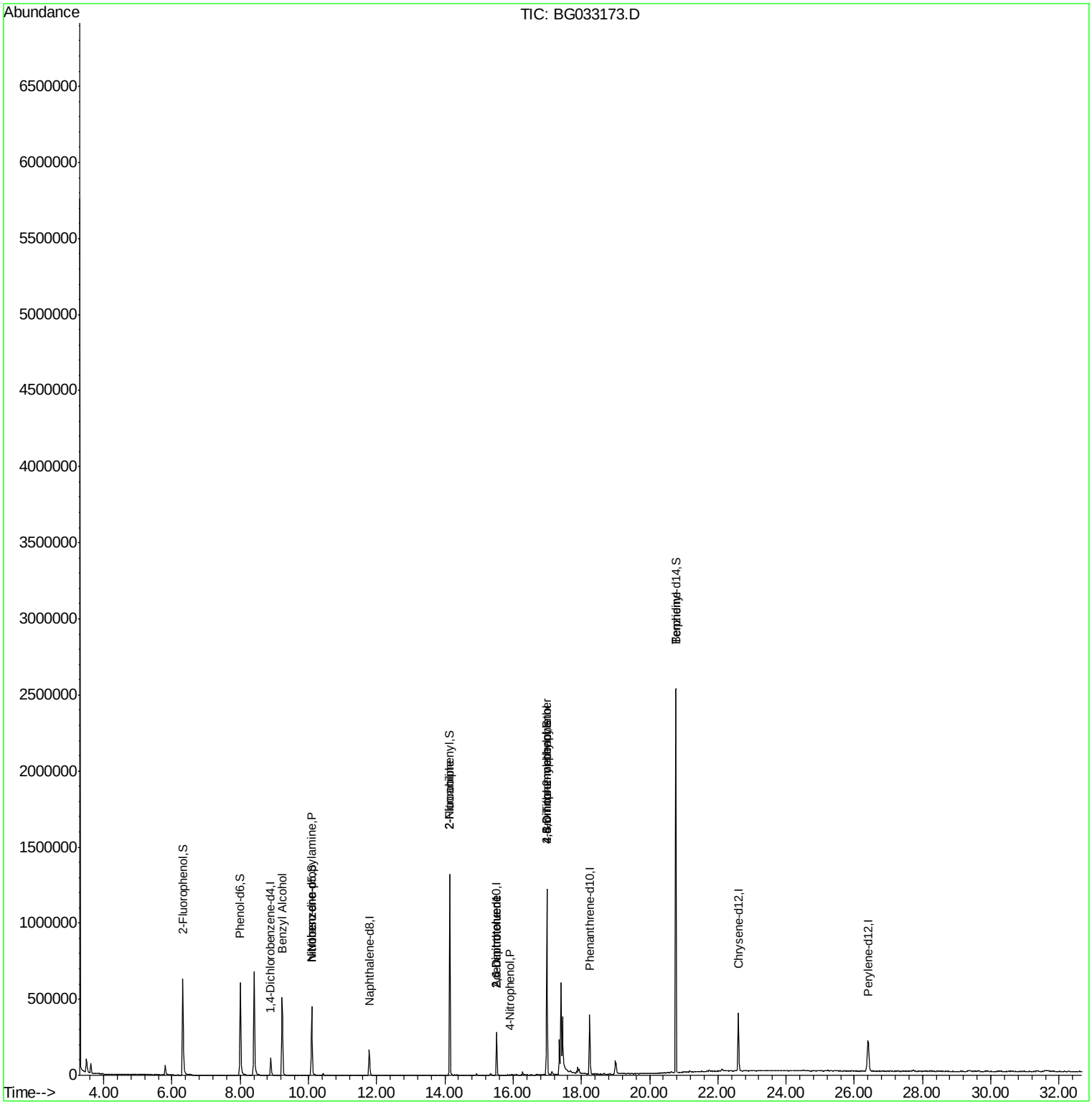
(#) = qualifier out of range (m) = manual integration (+) = signals summed

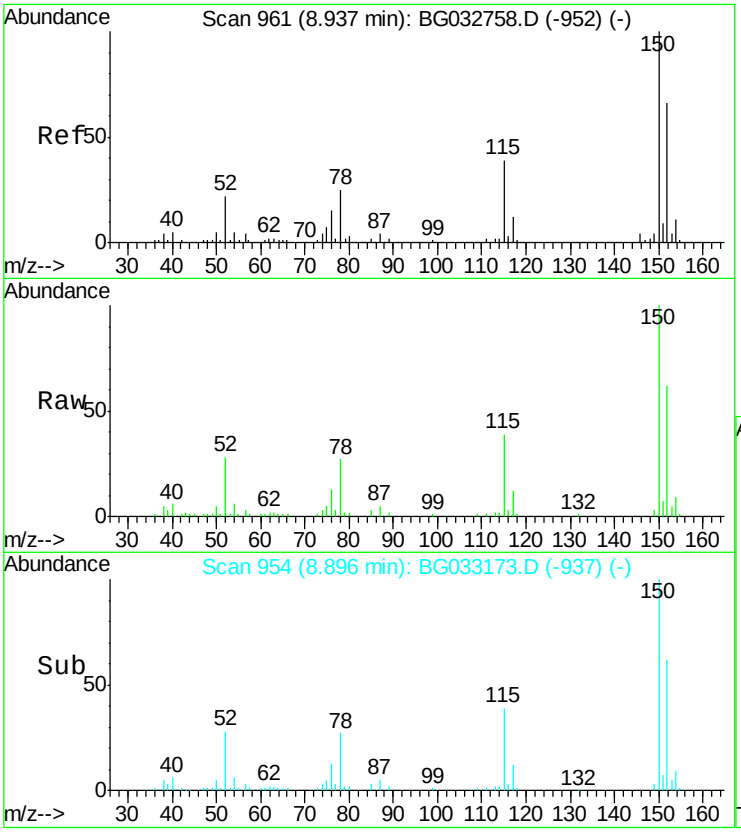
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033173.D
Acq On : 15 Mar 2018 9:31
Operator : SJ/JU
Sample : J1911-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Mar 15 10:44:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



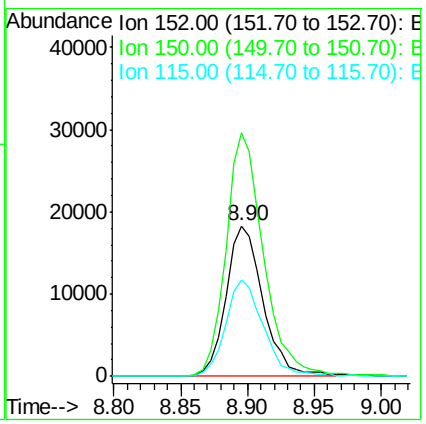


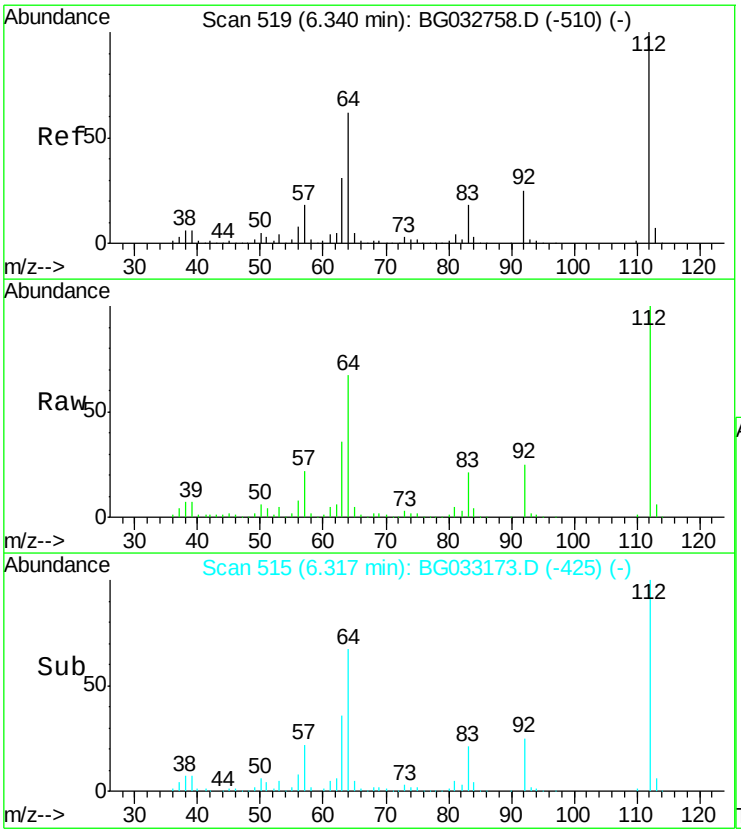

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion:152 Resp: 35351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.2 | 126.6 | 189.8 |
| 115 | 63.9 | 53.0 | 79.4 |

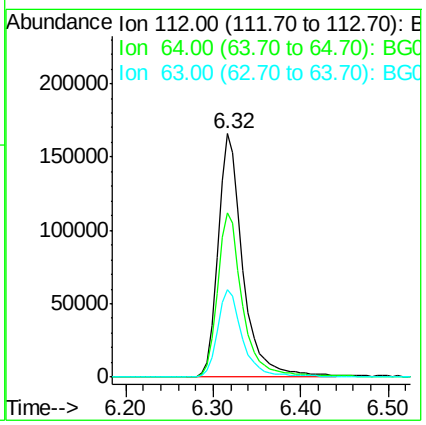


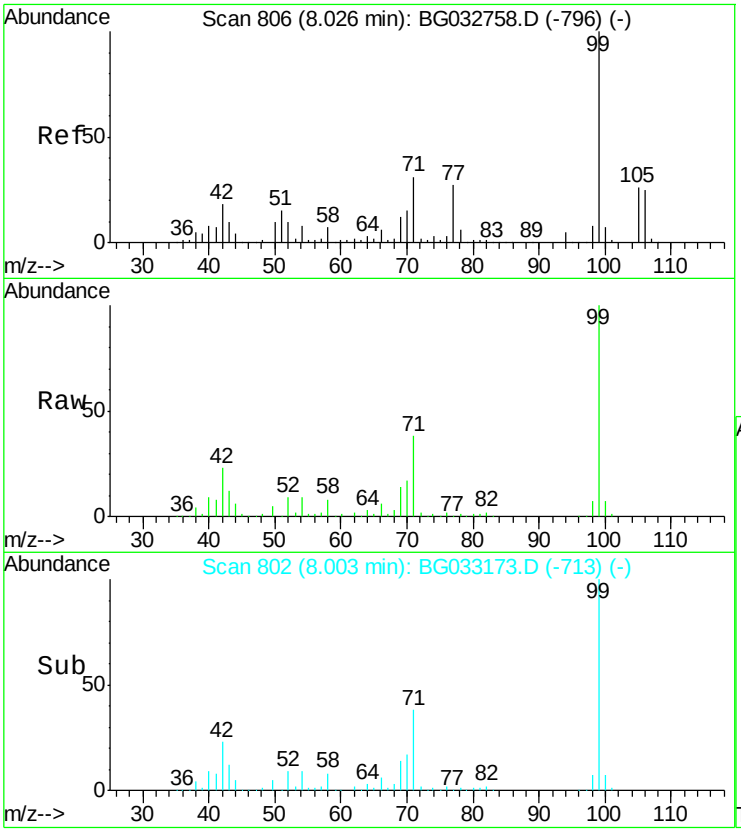




#5
2-Fluorophenol
Concen: 146.721 ng
RT: 6.32 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:112 Resp: 324201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.3 | 56.3 | 84.5 |
| 63 | 36.1 | 30.1 | 45.1 |



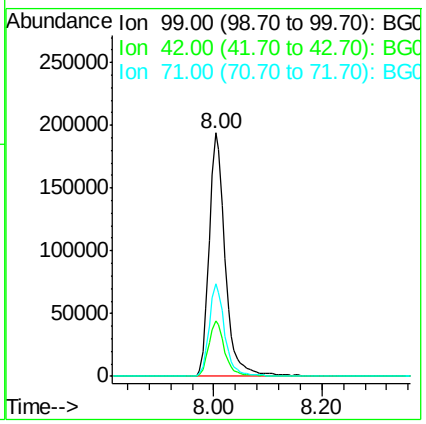


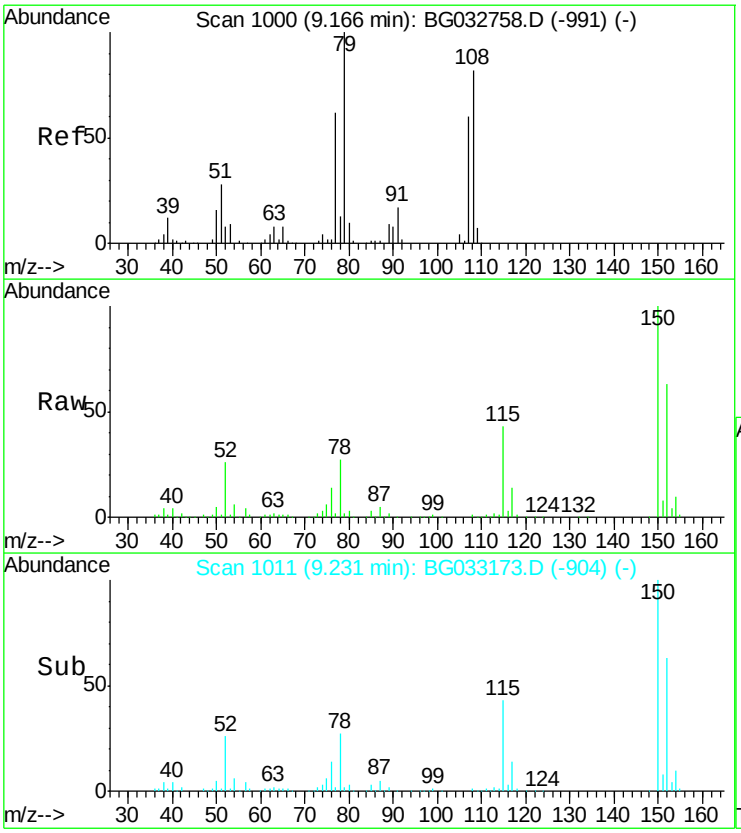

#7
Phenol-d6
Concen: 130.377 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion: 99 Resp: 401551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.6 | 14.1 | 21.1# |
| 71 | 37.8 | 26.1 | 39.1 |

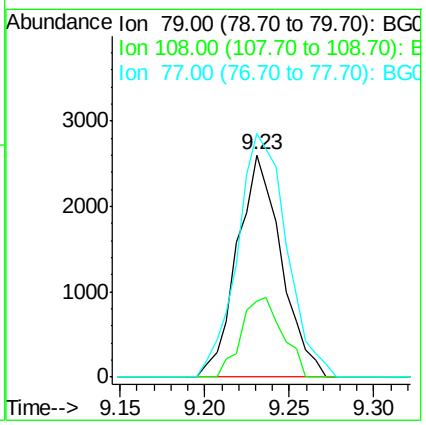


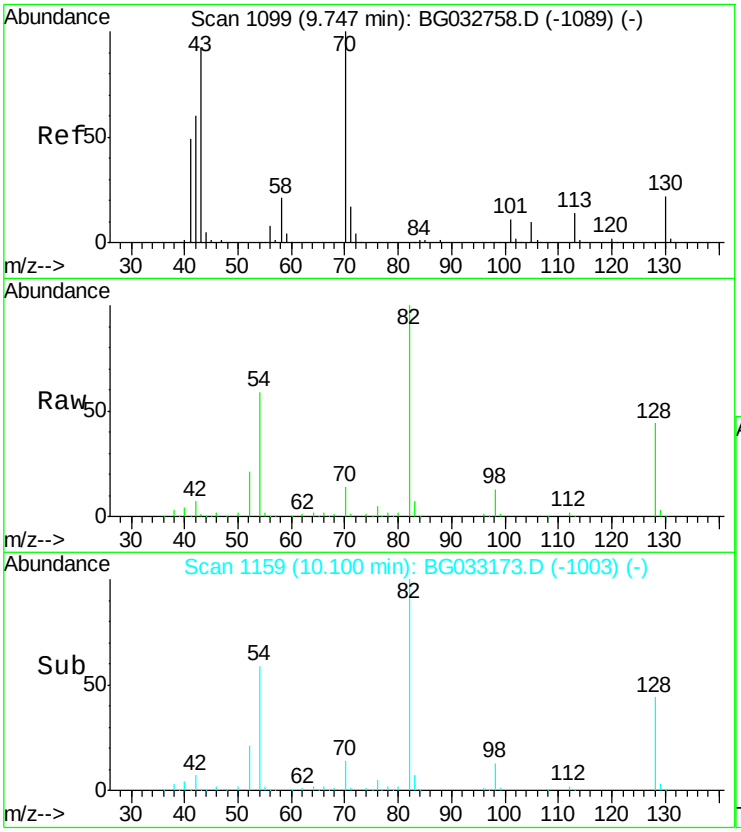




#15
Benzyl Alcohol
Concen: 2.090 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.10 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion: 79 Resp: 4732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 34.2 | 57.2 | 85.8# |
| 77 | 109.5 | 46.1 | 69.1# |



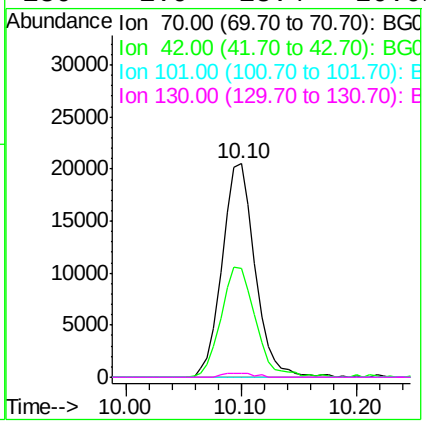


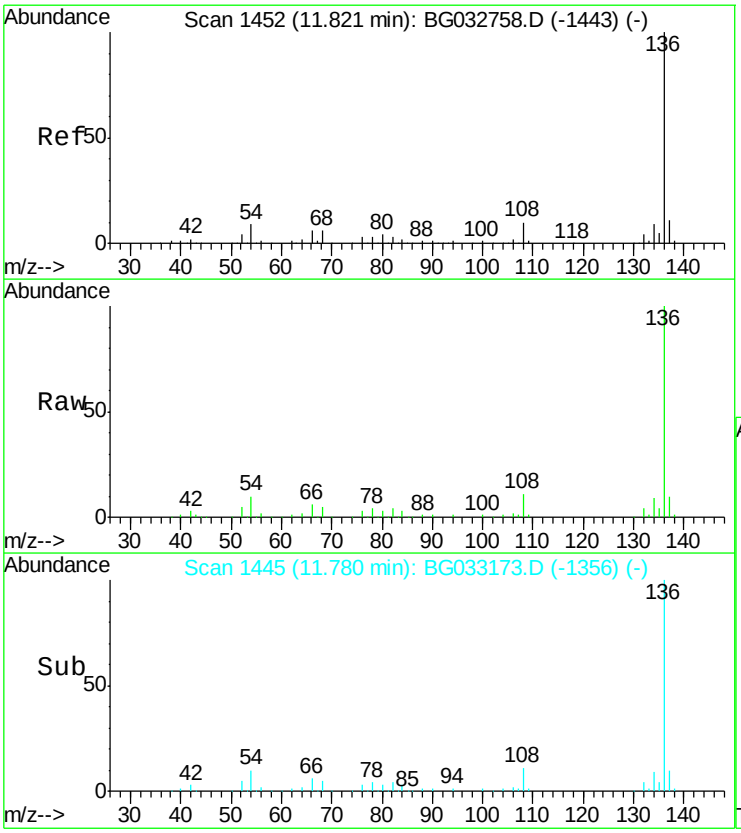

#19
n-Nitroso-di-n-propylamine
Concen: 18.624 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.39 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion: 70 Resp: 40496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 51.0 | 49.1 | 73.7 |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 1.9 | 13.4 | 20.0# |

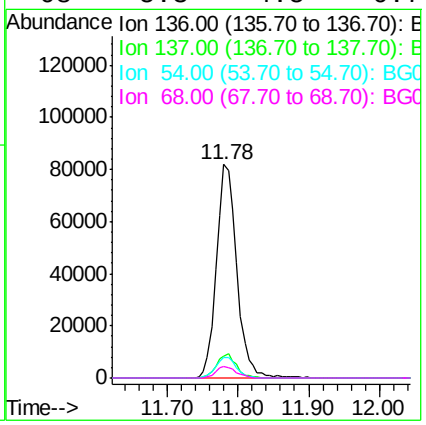


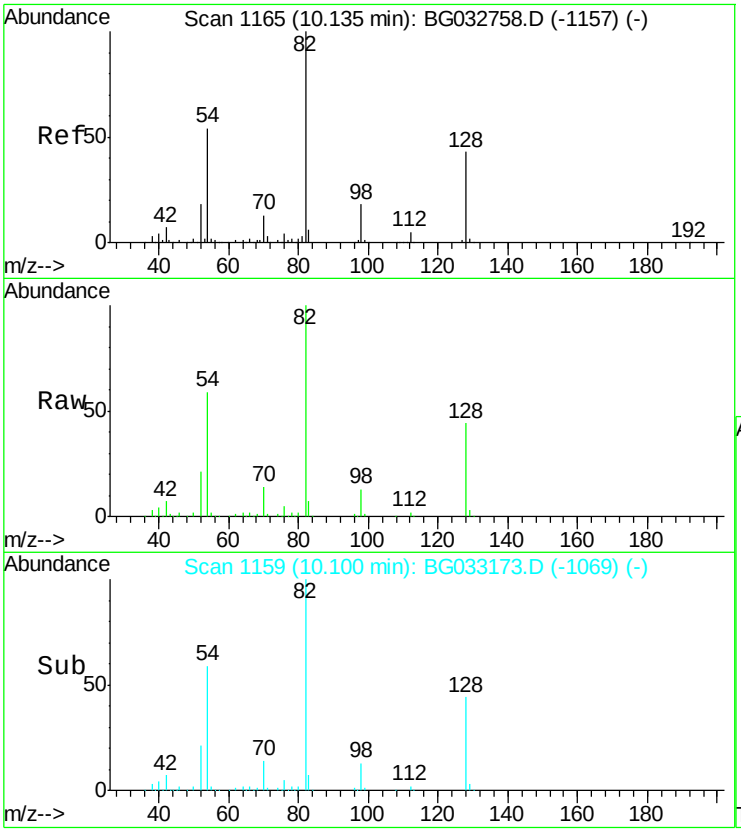




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:136 Resp: 164066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 9.2 | 13.8 |
| 54 | 9.7 | 10.3 | 15.5# |
| 68 | 5.3 | 4.5 | 6.7 |



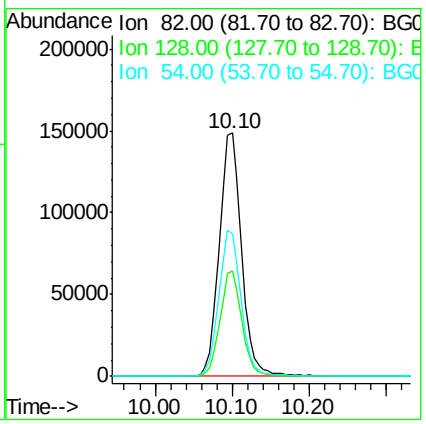


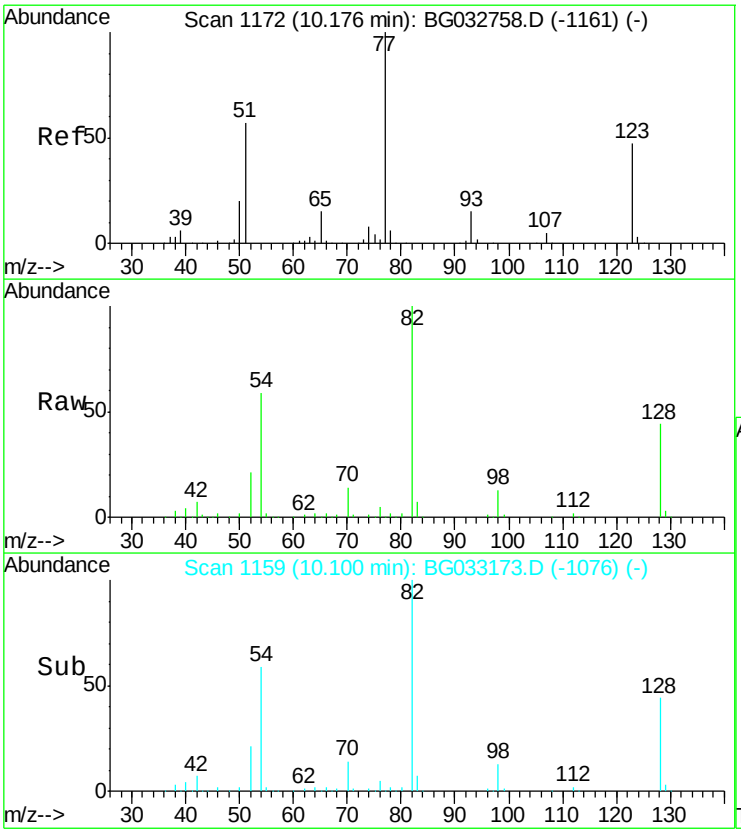

#23
Nitrobenzene-d5
Concen: 121.860 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion: 82 Resp: 299609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 29.7 | 44.5 |
| 54 | 58.6 | 43.1 | 64.7 |

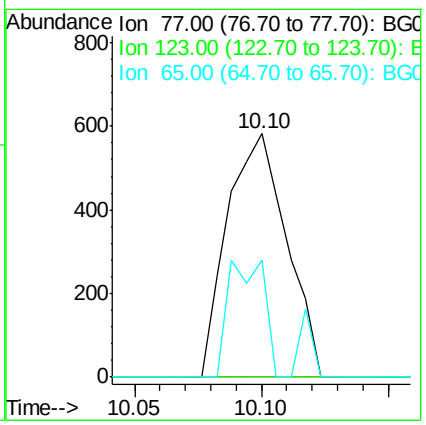


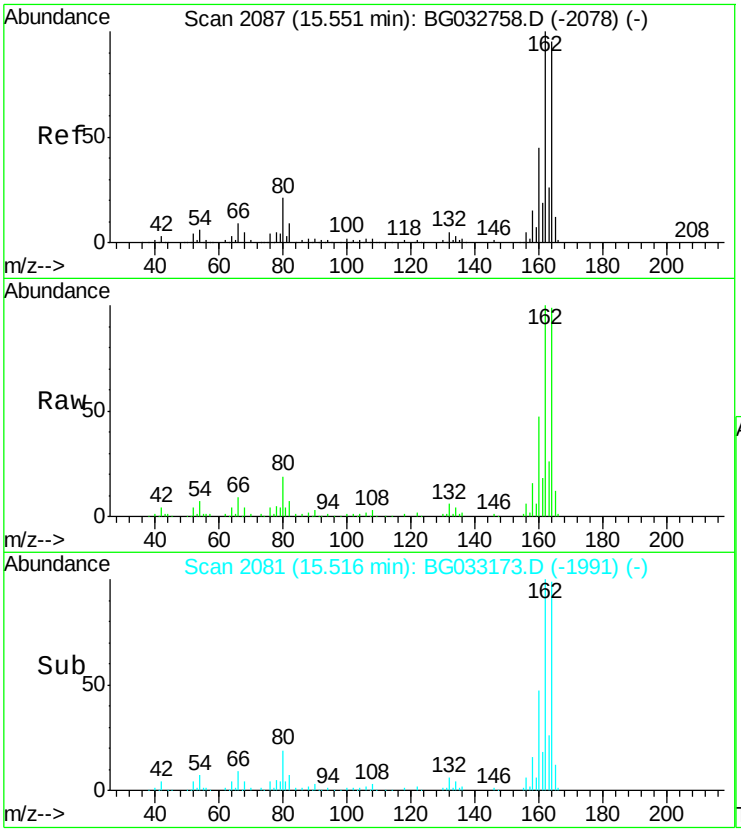




#24
Nitrobenzene
Concen: 6.694 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.04 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion: 77 Resp: 948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 33.0 | 49.6# |
| 65 | 48.3 | 13.0 | 19.6# |



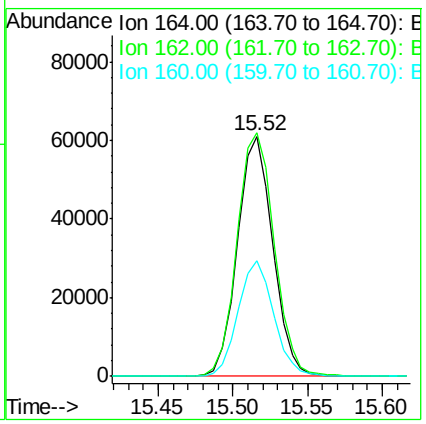


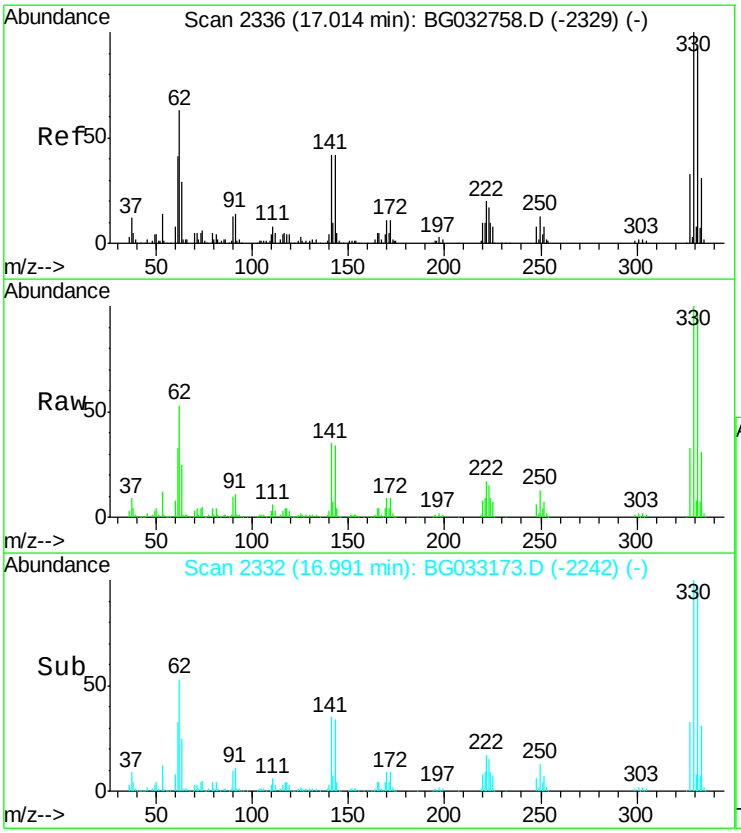

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion:164 Resp: 99819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 78.8 | 118.2 |
| 160 | 47.8 | 35.4 | 53.0 |

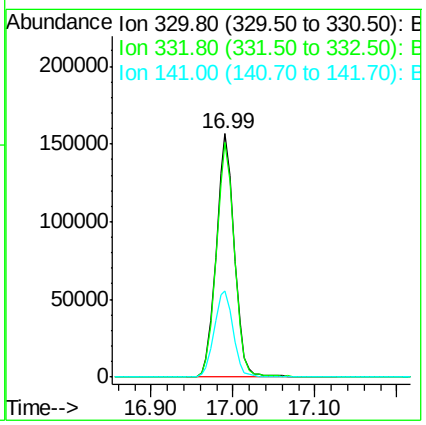


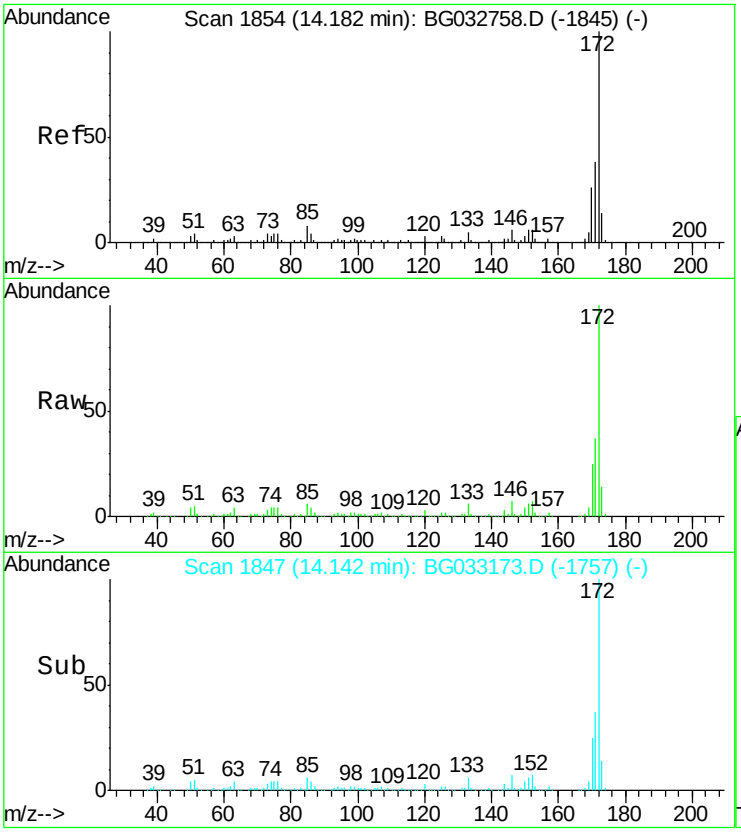




#41
2,4,6-Tribromophenol
Concen: 229.596 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:330 Resp: 240975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.0 | 115.6 |
| 141 | 36.9 | 25.2 | 37.8 |



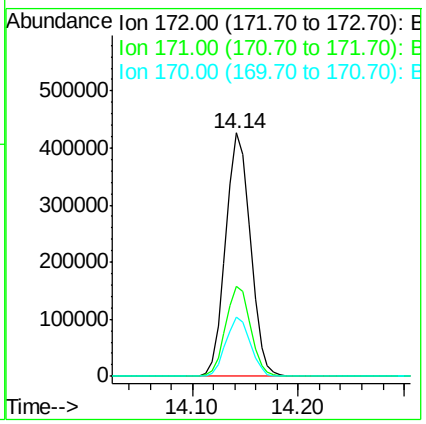


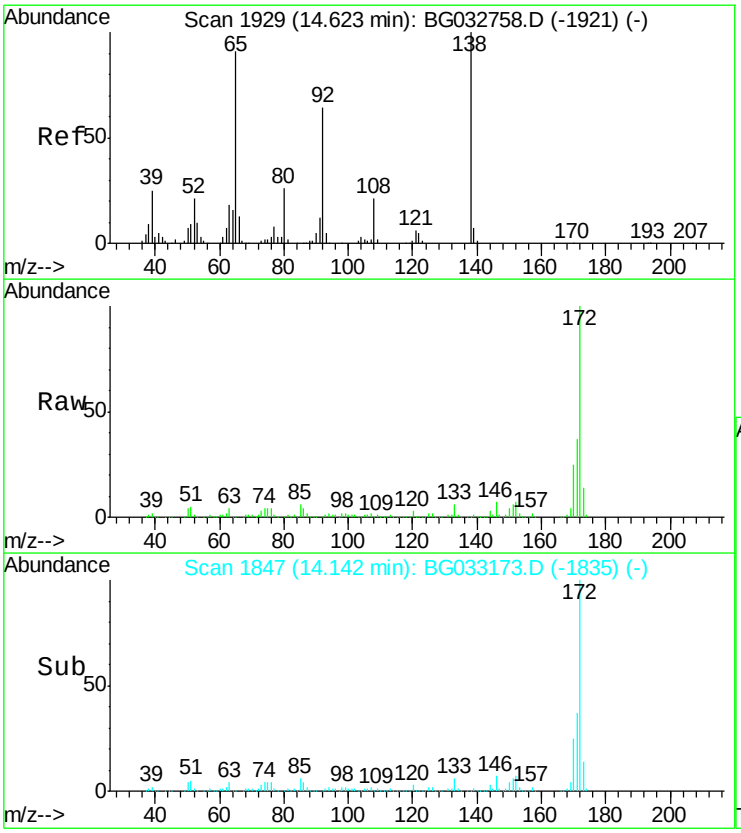

#44
2-Fluorobiphenyl
Concen: 99.717 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion:172 Resp: 690147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 30.0 | 45.0 |
| 170 | 24.6 | 19.5 | 29.3 |

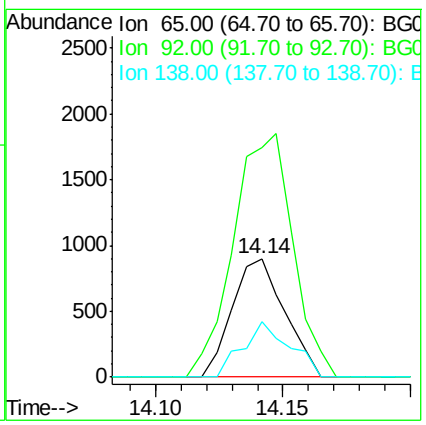


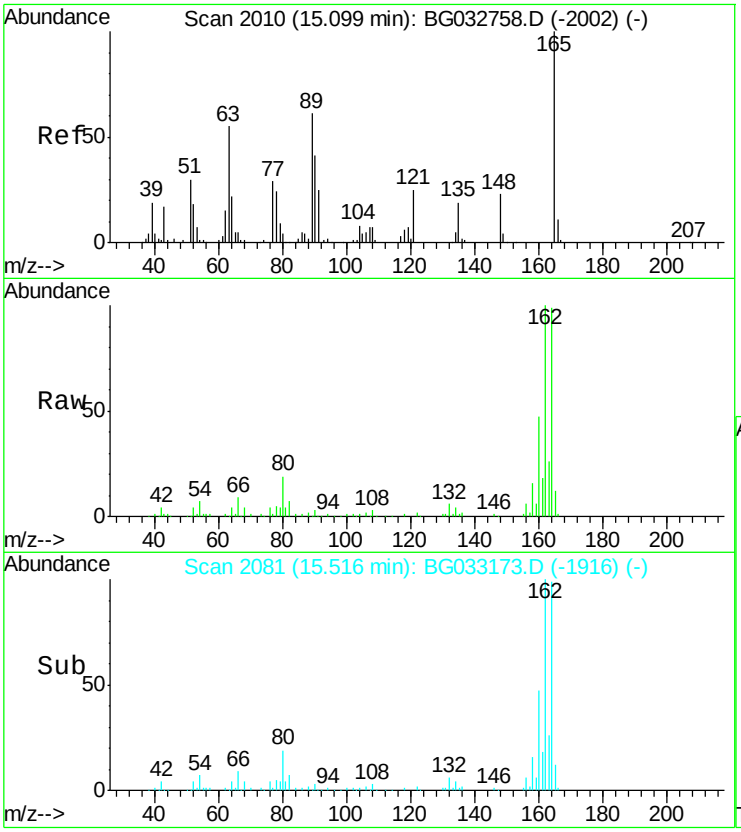




#47
2-Nitroaniline
Concen: 10.463 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.46 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion: 65 Resp: 1296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 192.9 | 54.6 | 82.0# |
| 138 | 47.2 | 72.9 | 109.3# |



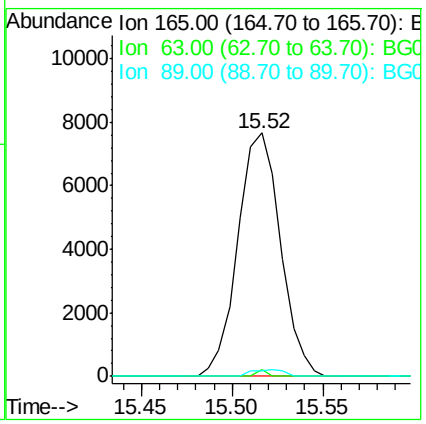


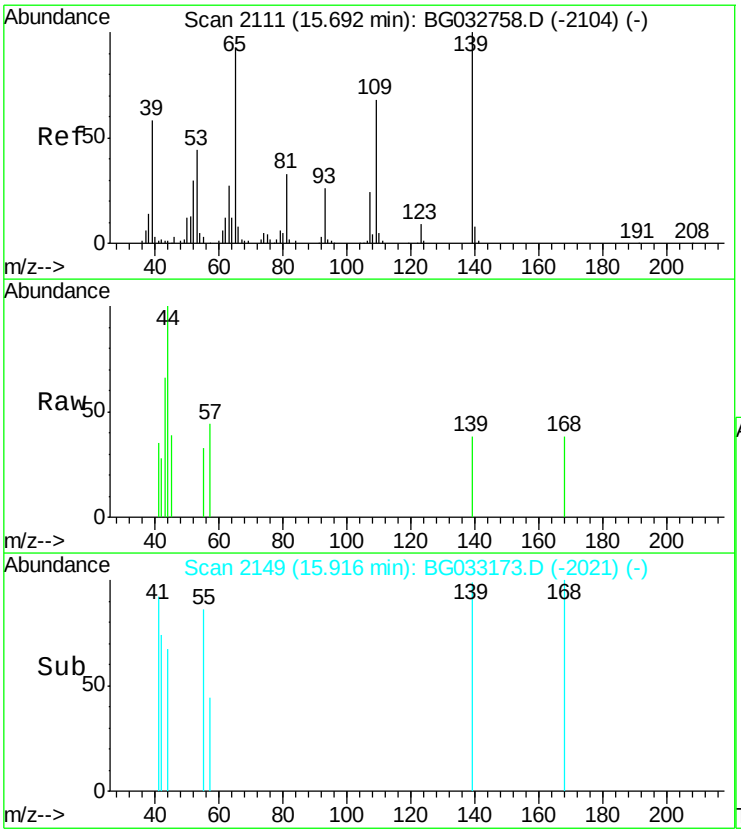

#50
2,6-Dinitrotoluene
Concen: 16.173 ng
RT: 15.52 min Scan# 2081
Delta R.T. 0.44 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion:165 Resp: 12528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.6 | 52.7 | 79.1# |
| 89 | 2.5 | 49.2 | 73.8# |

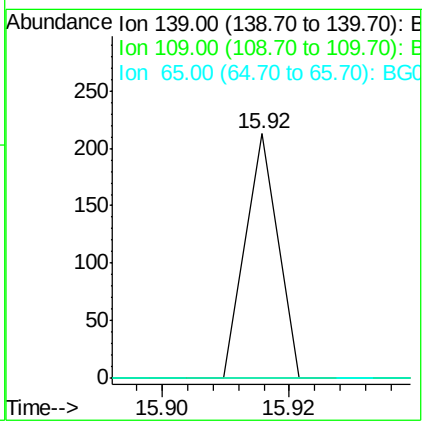


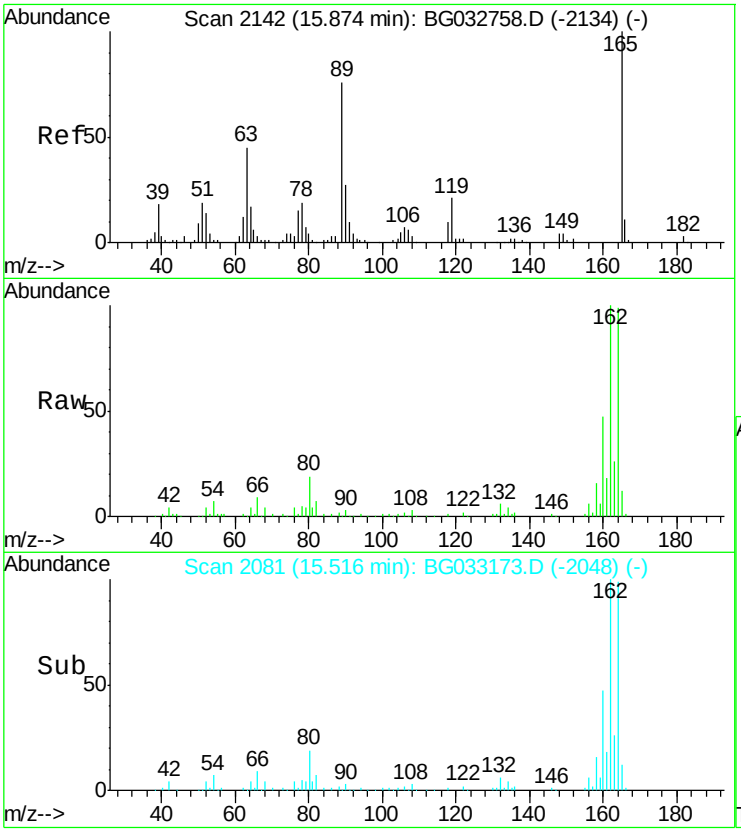




#55
4-Nitrophenol
Concen: 7.130 ng
RT: 15.92 min Scan# 2149
Delta R.T. 0.22 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:139 Resp: 75

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 62.2 | 102.2# |
| 65 | 0.0 | 97.2 | 137.2# |



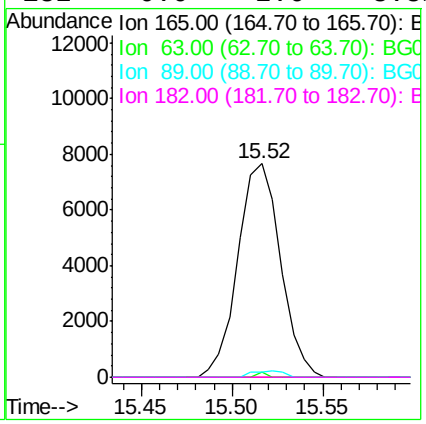


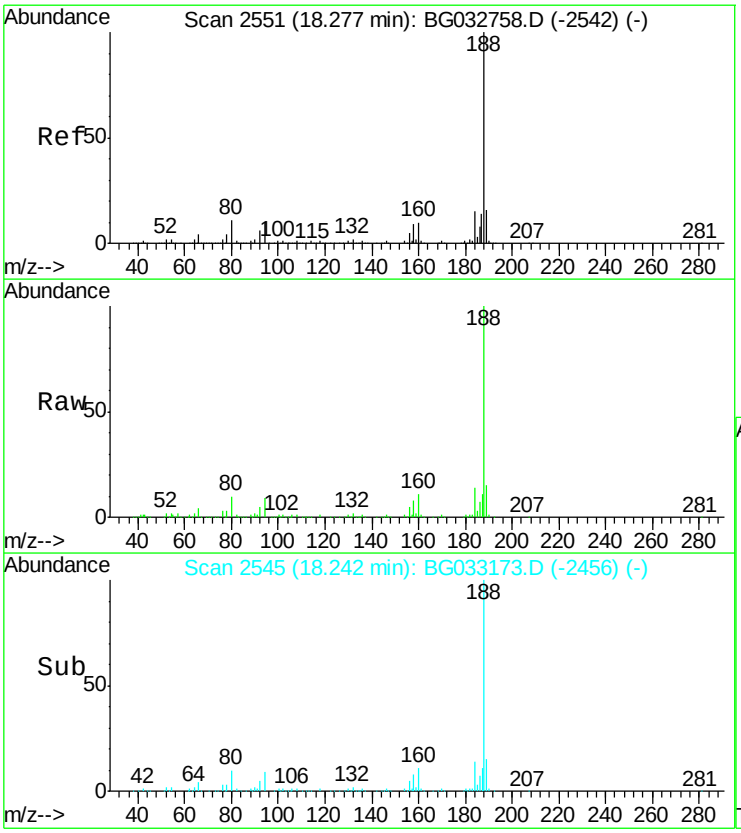

#56
2,4-Dinitrotoluene
Concen: 14.369 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.34 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion:165 Resp: 12528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.6 | 42.0 | 63.0# |
| 89 | 2.5 | 66.9 | 100.3# |
| 182 | 0.0 | 2.6 | 3.8# |

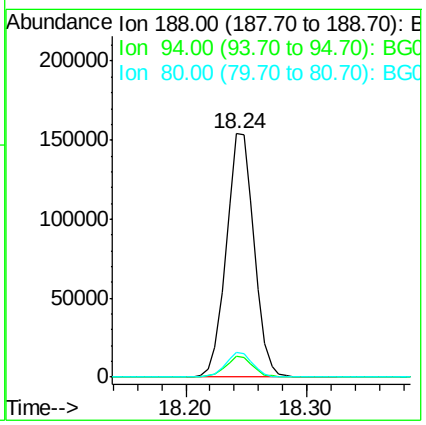


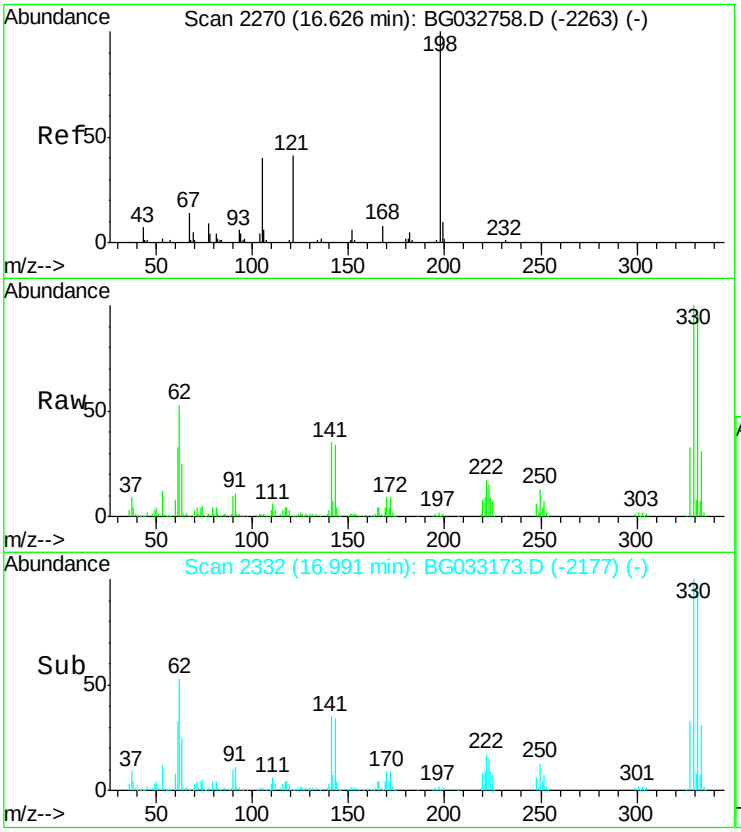




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:188 Resp: 245426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.9 | 10.3 |
| 80 | 10.3 | 7.7 | 11.5 |



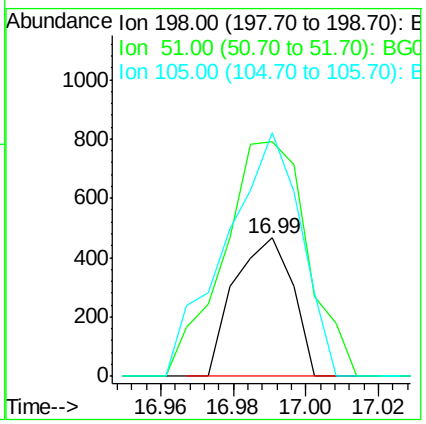


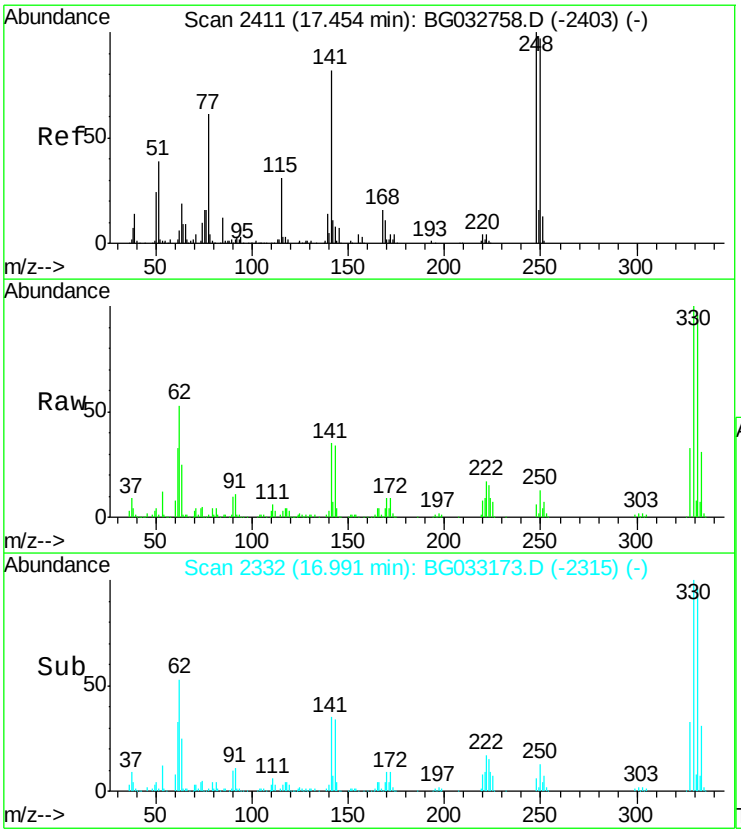

#64
4,6-Dinitro-2-methylphenol
Concen: 5.843 ng
RT: 16.99 min Scan# 2332
Delta R.T. 0.38 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion:198 Resp: 517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 169.4 | 30.6 | 70.6# |
| 105 | 175.8 | 23.8 | 63.8# |

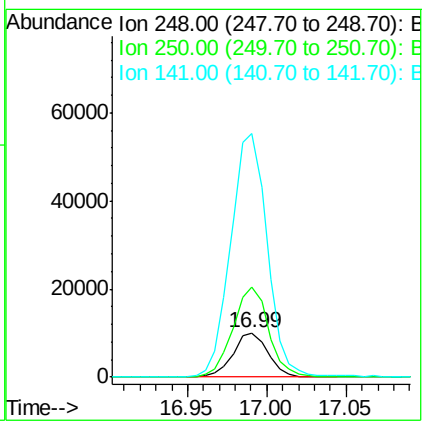


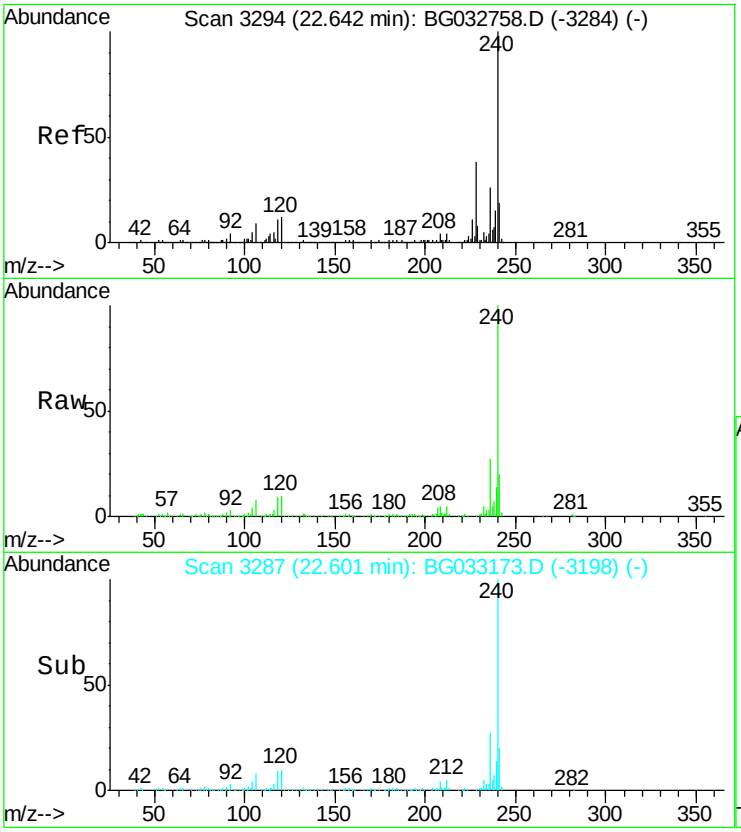




#66
4-Bromophenyl-phenylether
Concen: 6.005 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.43 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:248 Resp: 15584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 203.6 | 77.1 | 115.7# |
| 141 | 549.4 | 50.8 | 76.2# |



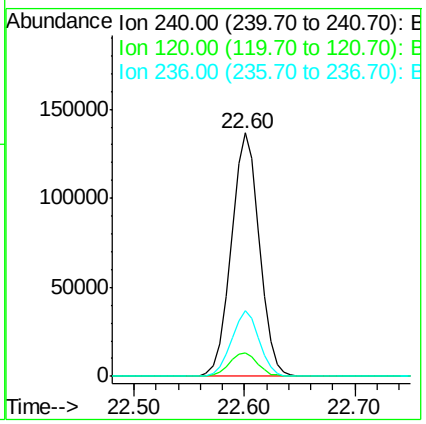


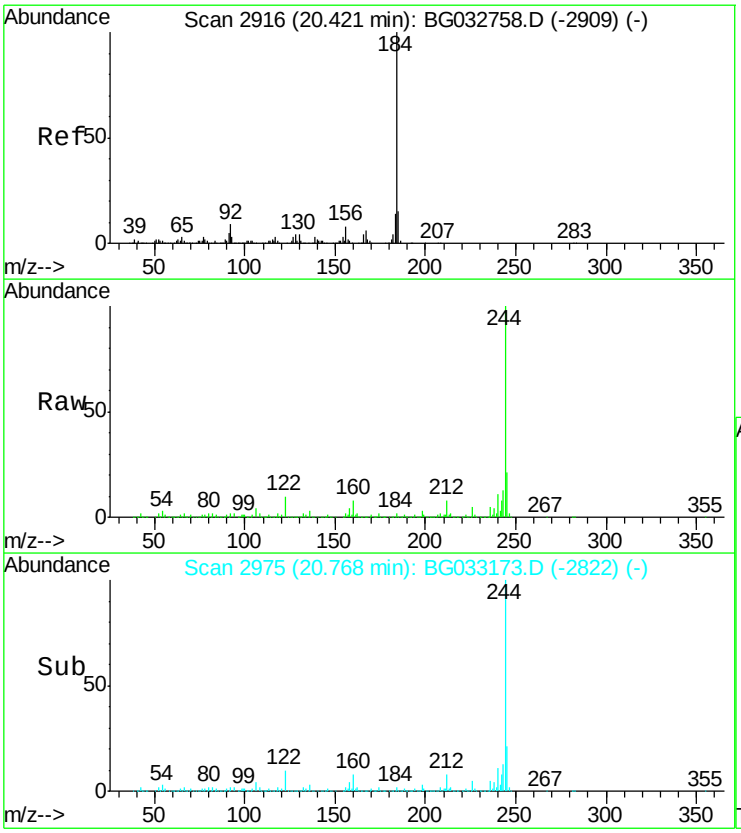

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion:240 Resp: 243646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.7 | 6.8 | 10.2 |
| 236 | 27.1 | 20.9 | 31.3 |

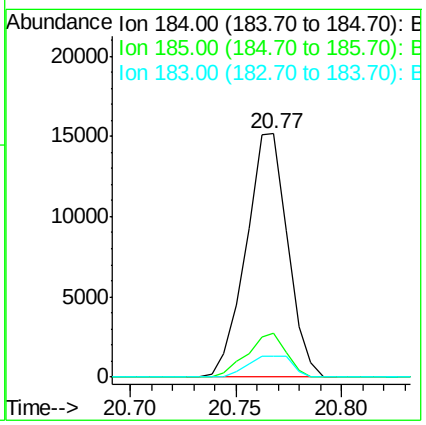


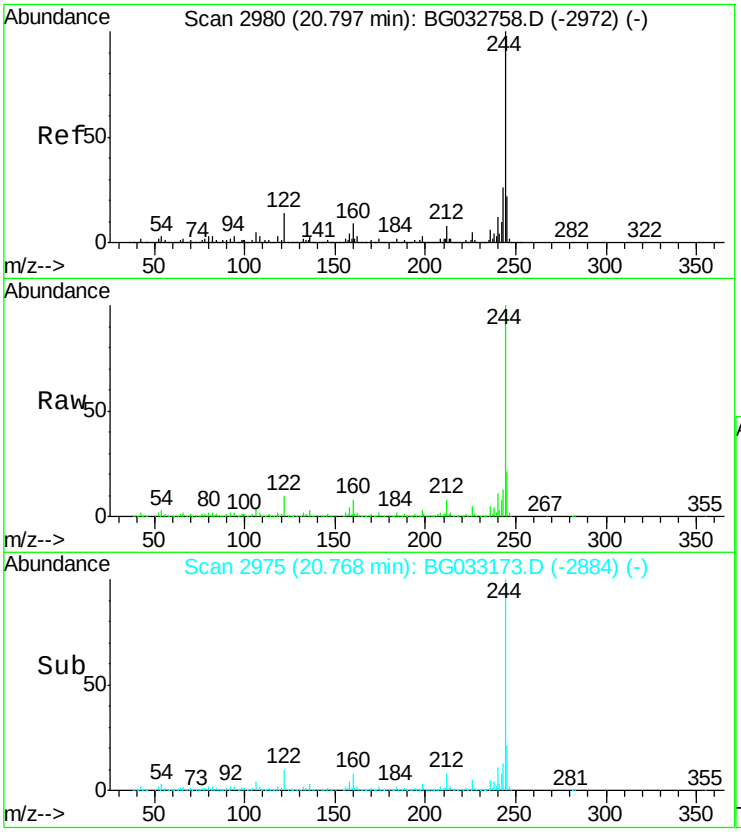




#76
Benzidine
Concen: 2.503 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.37 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:184 Resp: 20784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 18.3 | 11.1 | 16.7# |
| 183 | 8.8 | 10.6 | 16.0# |



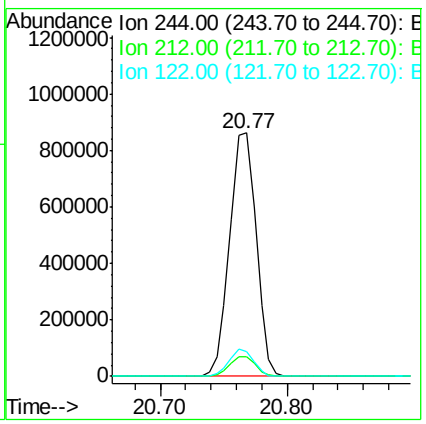


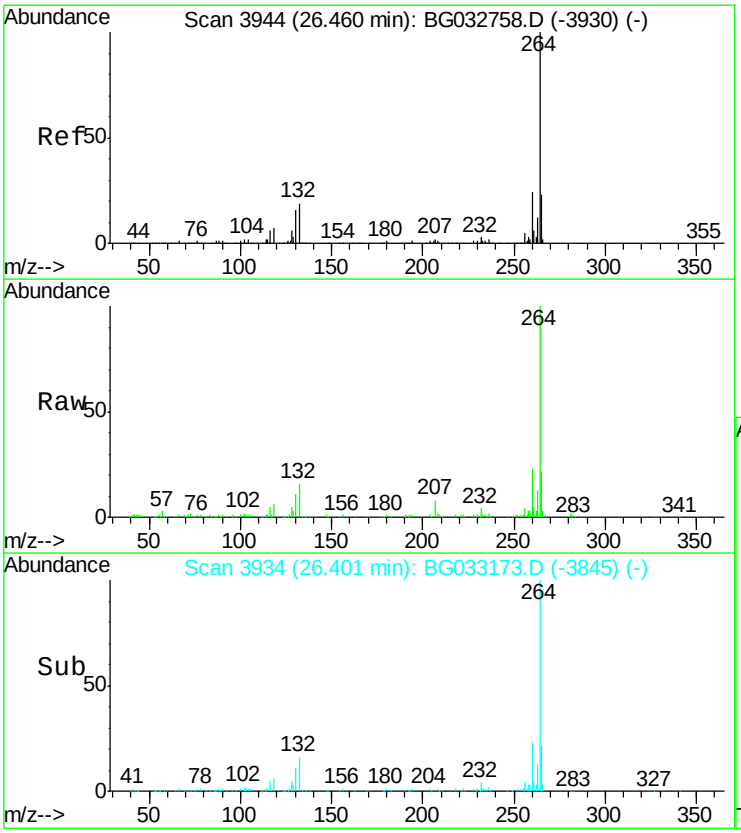

#78
Terphenyl-d14
Concen: 114.777 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

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

Tgt Ion:244 Resp: 1244701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 5.8 | 8.8 |
| 122 | 9.9 | 7.0 | 10.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:264 Resp: 259367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 17.4 | 26.0 |
| 265 | 22.5 | 17.7 | 26.5 |