Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032942.D
Acq On : 2 Mar 2018 8:03
Operator : SJ/JU
Sample : J1699-60
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 02 10:57:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.92 | 152 | 59786 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.81 | 136 | 255961 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.53 | 164 | 144215 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.26 | 188 | 316974 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.62 | 240 | 287885 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 26.43 | 264 | 273349 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.33 | 112 | 498466 | 133.39 | ng | 0.00 |
| 7) Phenol-d6 | 8.01 | 99 | 611852 | 117.46 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 10.12 | 82 | 425181 | 111.74 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.01 | 330 | 186041 | 122.69 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.16 | 172 | 945240 | 94.53 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.78 | 244 | 1320150 | 103.03 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 10.12 | 70 | 55745 | 15.159 | ng | # 81 |
| 24) Nitrobenzene | 10.11 | 77 | 1219 | 6.639 | ng | # 41 |
| 32) Benzoic acid | 11.03 | 122 | 122 | 5.876 | ng | # 40 |
| 47) 2-Nitroaniline | 14.16 | 65 | 1815 | 10.444 | ng | # 5 |
| 50) 2,6-Dinitrotoluene | 15.53 | 165 | 18142 | 16.190 | ng | # 18 |
| 55) 4-Nitrophenol | 15.93 | 139 | 322 | 7.227 | ng | # 1 |
| 56) 2,4-Dinitrotoluene | 15.53 | 165 | 18142 | 14.386 | ng | # 16 |
| 64) 4,6-Dinitro-2-methylphenol | 17.00 | 198 | 585 | 5.733 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 17.00 | 248 | 13270 | 3.959 | ng | # 1 |
| 76) Benzidine | 20.78 | 184 | 22427 | 2.285 | ng | # 92 |

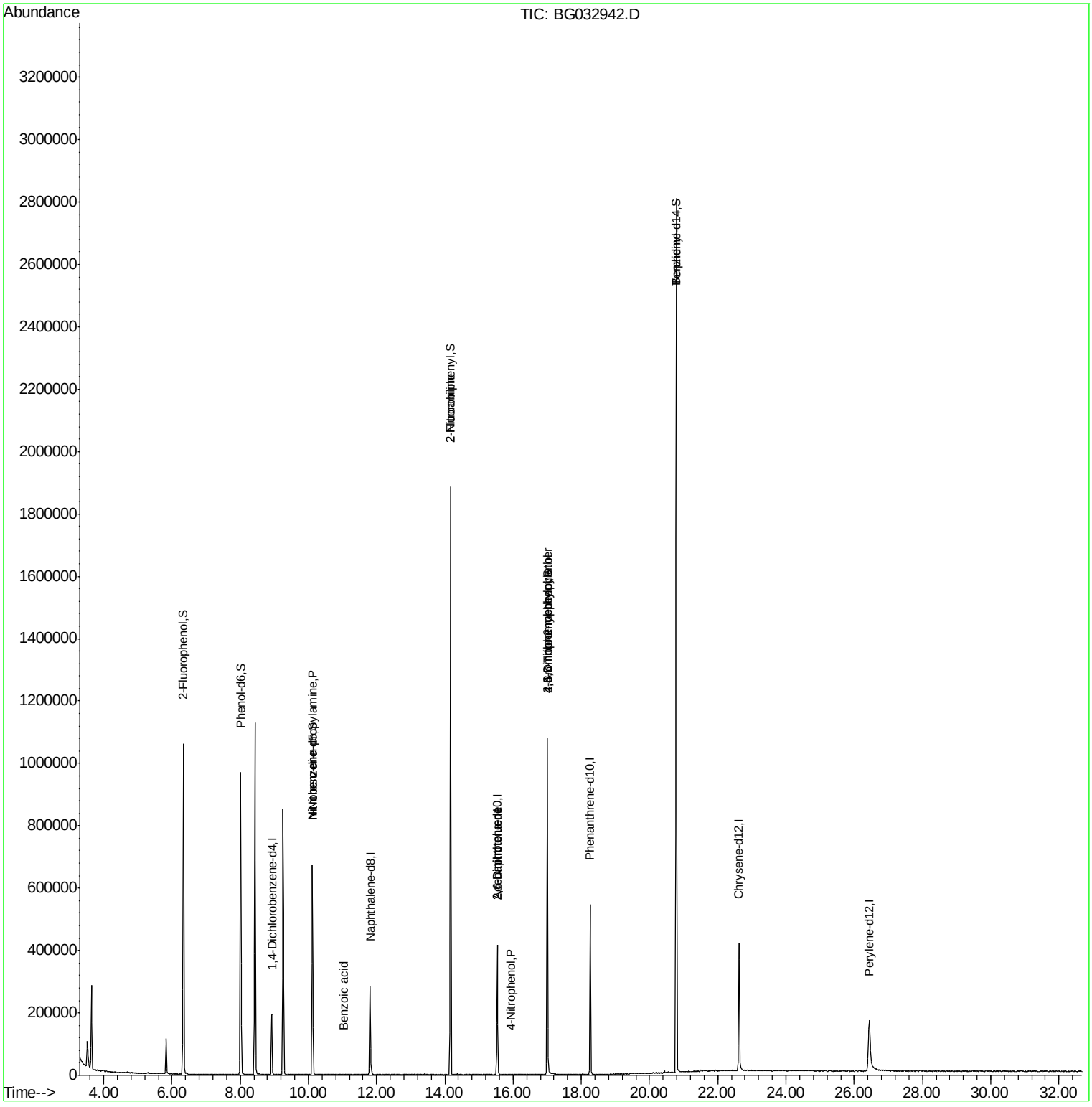
(#) = qualifier out of range (m) = manual integration (+) = signals summed

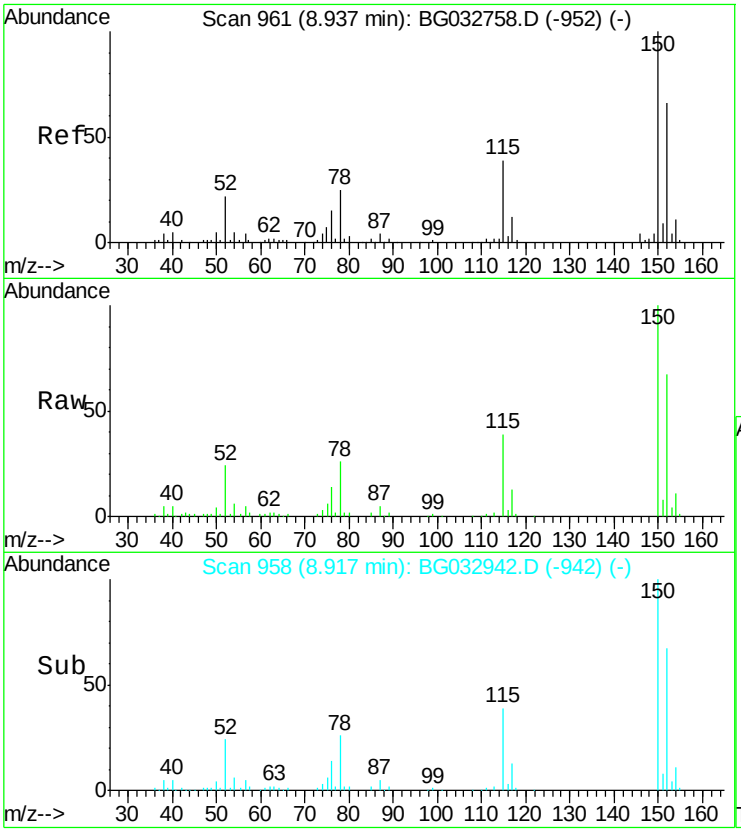
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032942.D
Acq On : 2 Mar 2018 8:03
Operator : SJ/JU
Sample : J1699-60
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 02 10:57:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



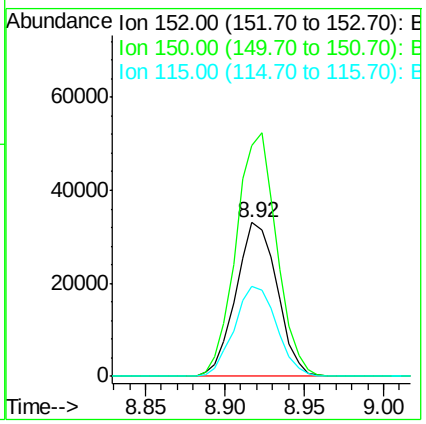


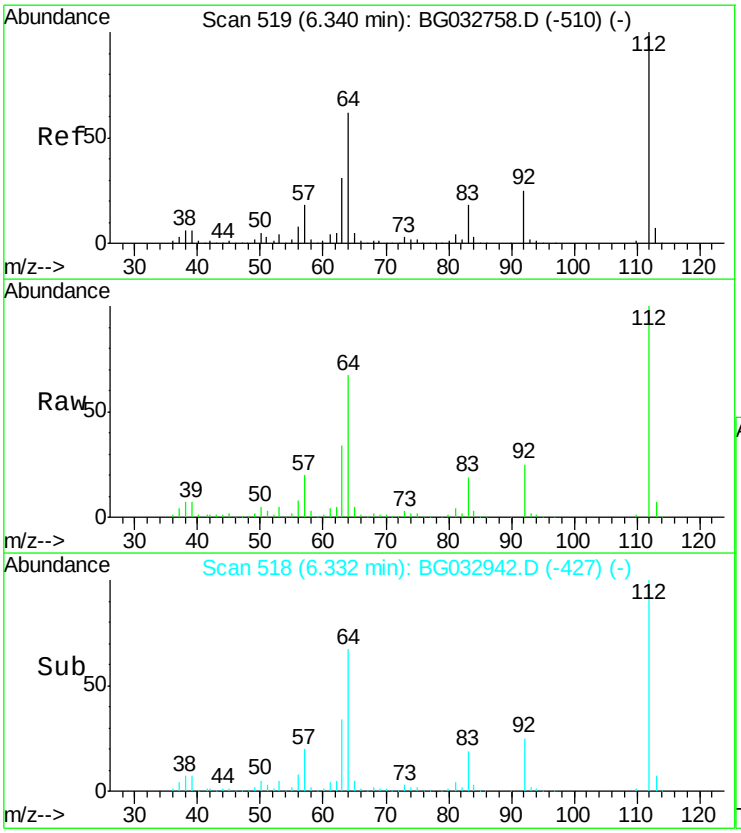

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:152 Resp: 59786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.1 | 126.6 | 189.8 |
| 115 | 58.6 | 53.0 | 79.4 |

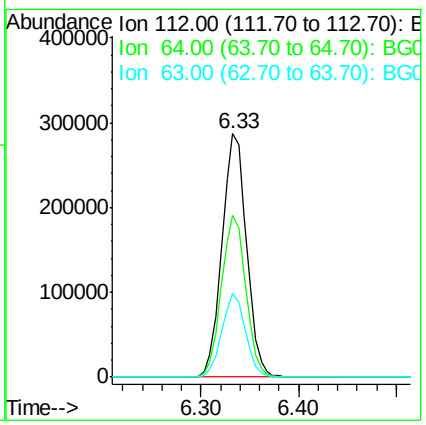


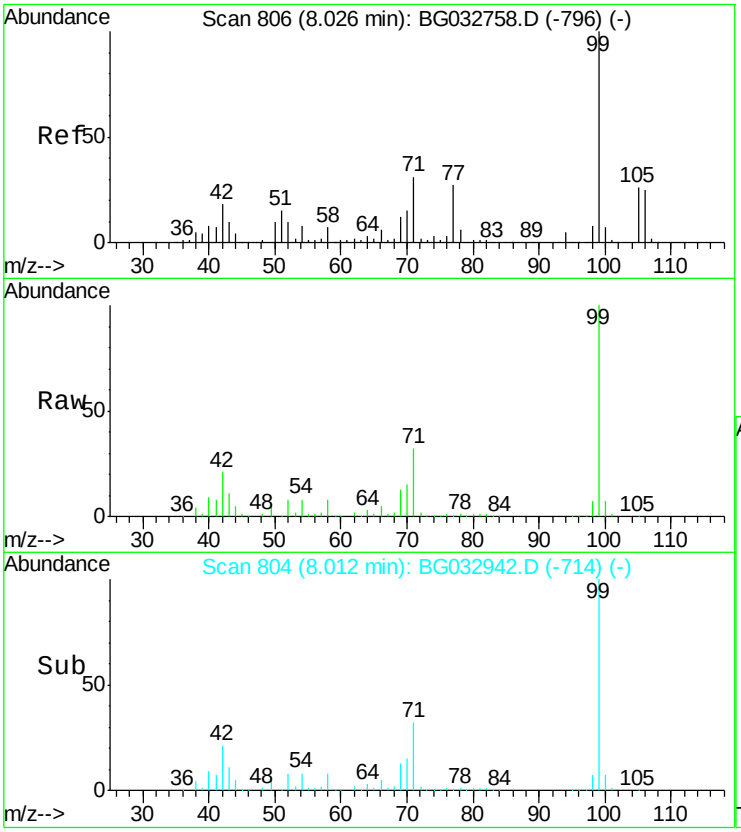




#5
2-Fluorophenol
Concen: 133.388 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:112 Resp: 498466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.7 | 56.3 | 84.5 |
| 63 | 34.2 | 30.1 | 45.1 |



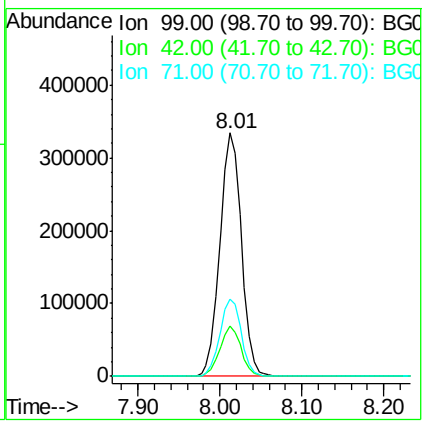


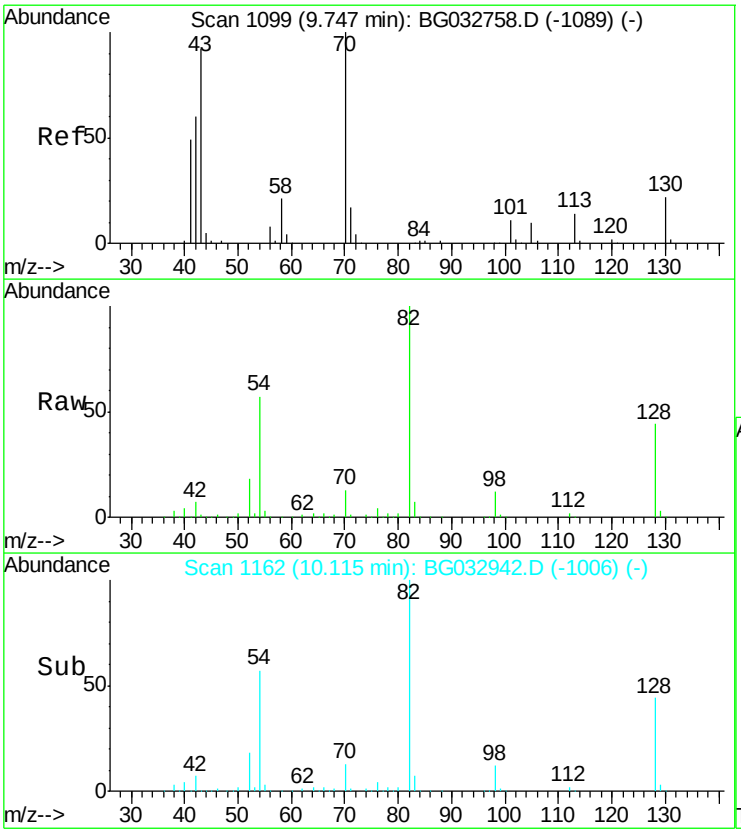

#7
Phenol-d6
Concen: 117.465 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion: 99 Resp: 611852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.6 | 14.1 | 21.1 |
| 71 | 31.7 | 26.1 | 39.1 |

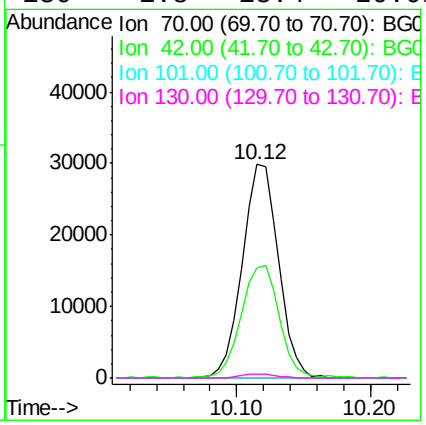


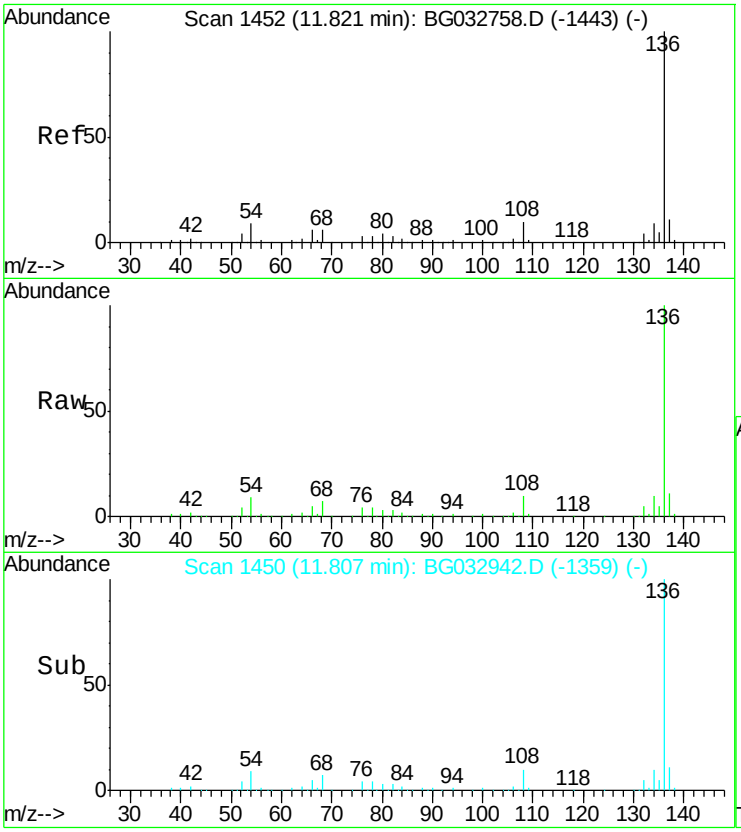




#19
n-Nitroso-di-n-propylamine
Concen: 15.159 ng
RT: 10.12 min Scan# 1162
Delta R.T. 0.38 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion: 70 Resp: 55745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 51.6 | 49.1 | 73.7 |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 1.8 | 13.4 | 20.0# |



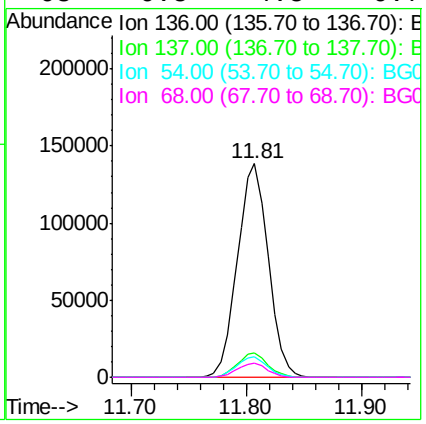


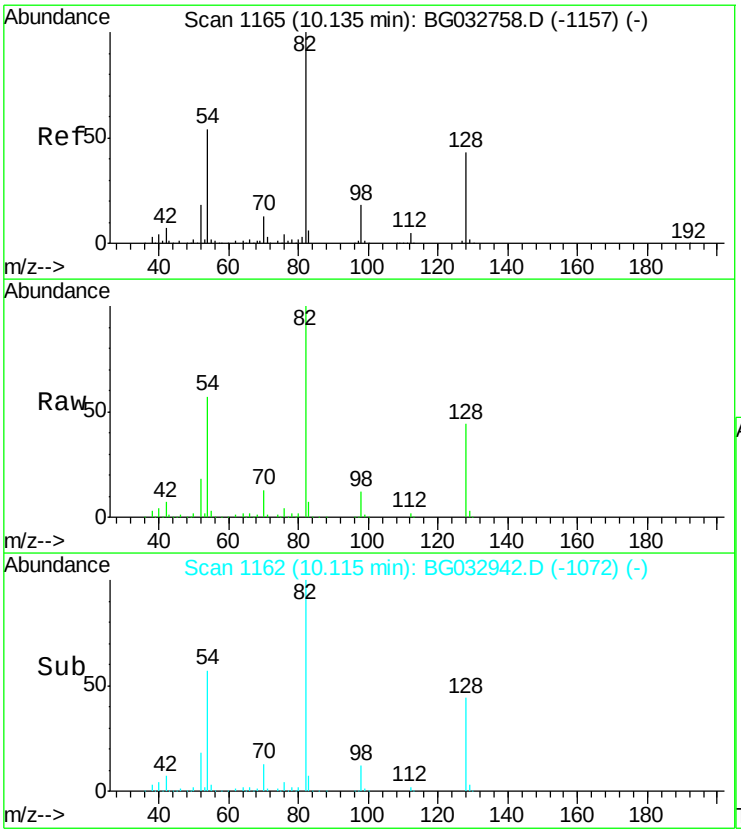

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:136 Resp: 255961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.2 | 13.8 |
| 54 | 9.4 | 10.3 | 15.5# |
| 68 | 6.5 | 4.5 | 6.7 |

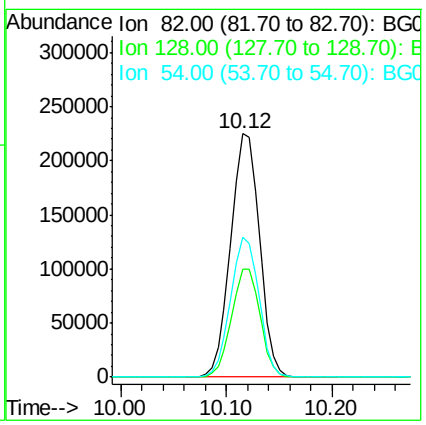


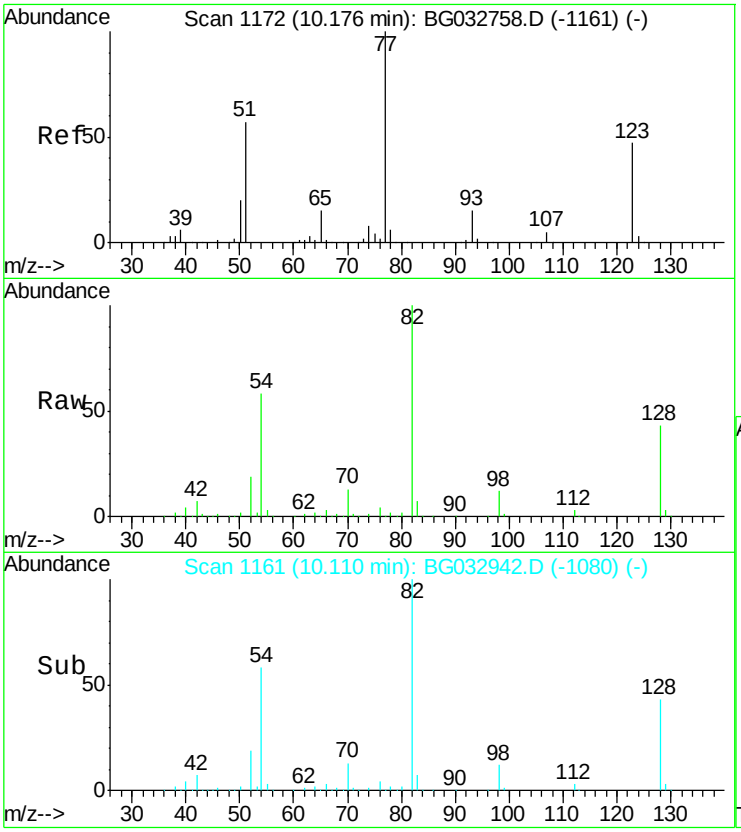




#23
Nitrobenzene-d5
Concen: 111.743 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion: 82 Resp: 425181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.3 | 29.7 | 44.5 |
| 54 | 57.2 | 43.1 | 64.7 |



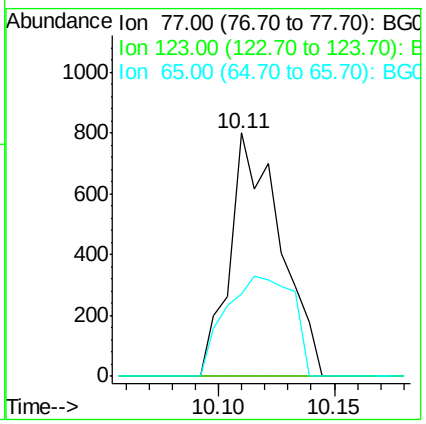


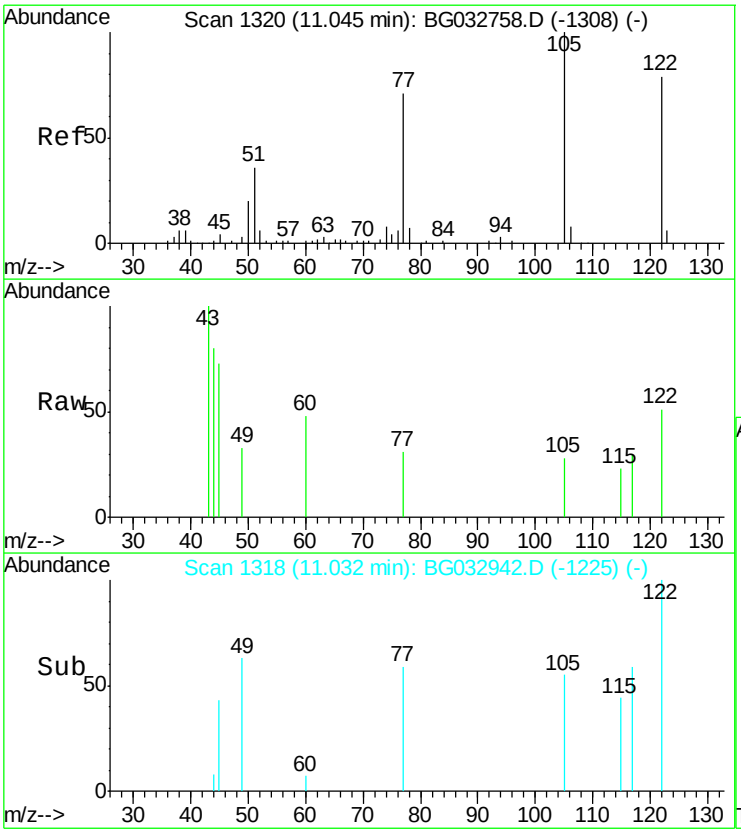

#24
Nitrobenzene
Concen: 6.639 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion: 77 Resp: 1219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 33.0 | 49.6# |
| 65 | 34.0 | 13.0 | 19.6# |

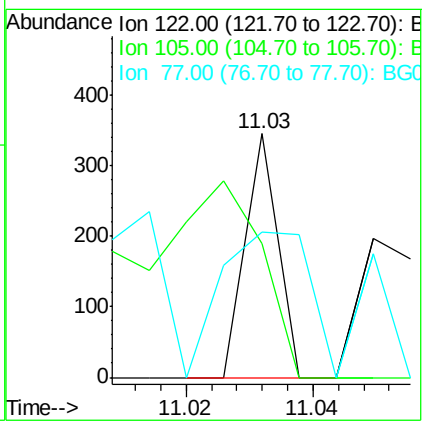


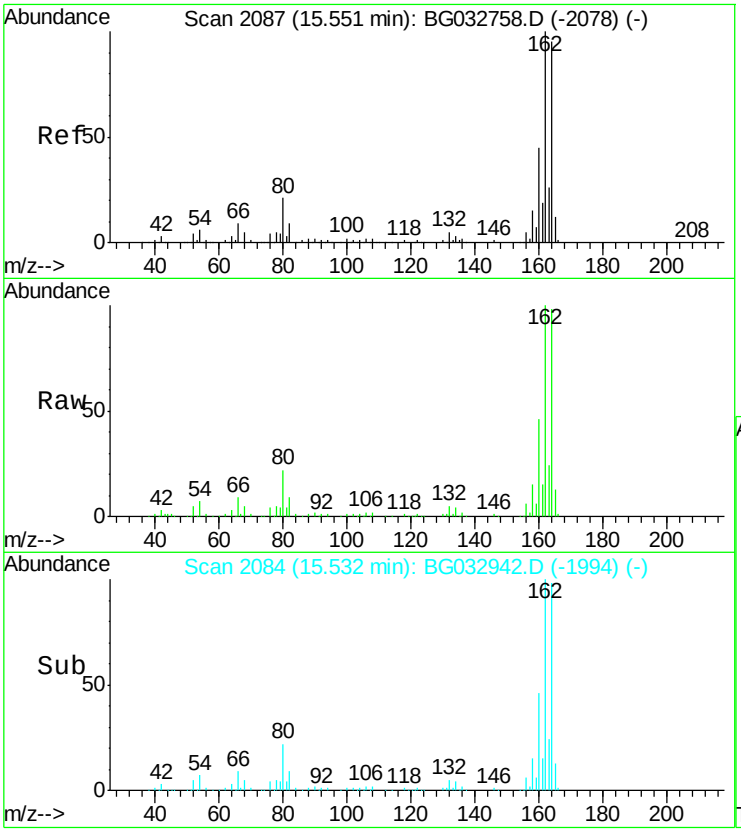




#32
Benzoic acid
Concen: 5.876 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:122 Resp: 122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 55.1 | 123.5 | 163.5# |
| 77 | 59.4 | 85.7 | 125.7# |



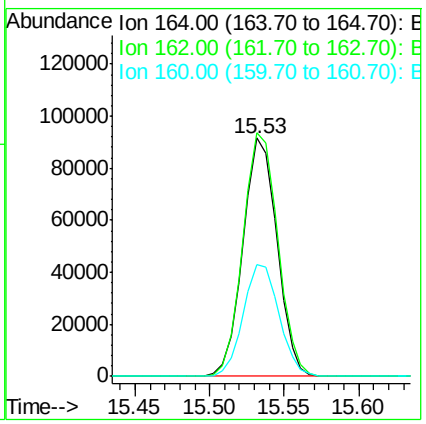


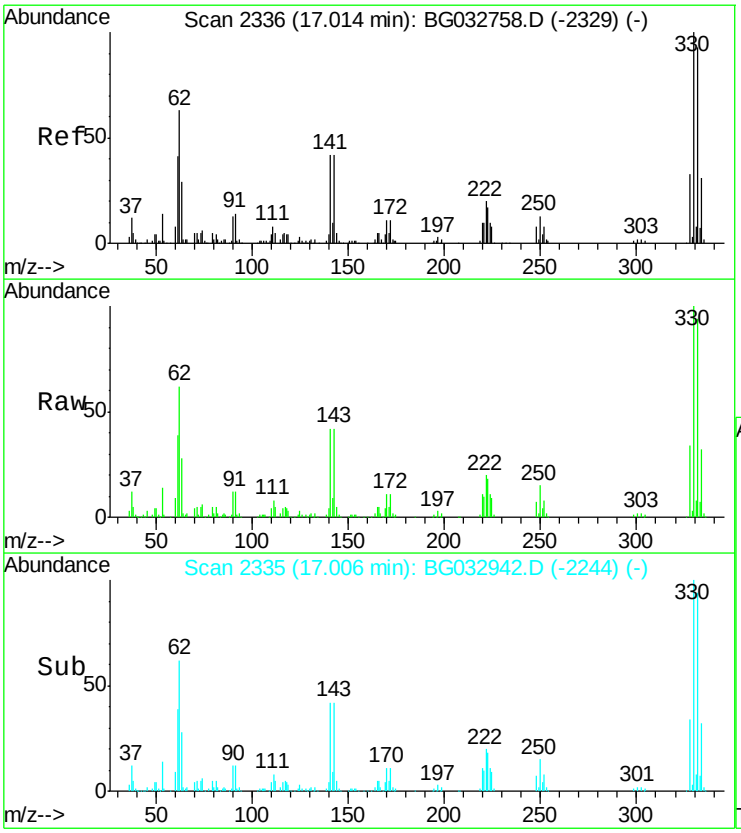

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:164 Resp: 144215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 78.8 | 118.2 |
| 160 | 46.8 | 35.4 | 53.0 |

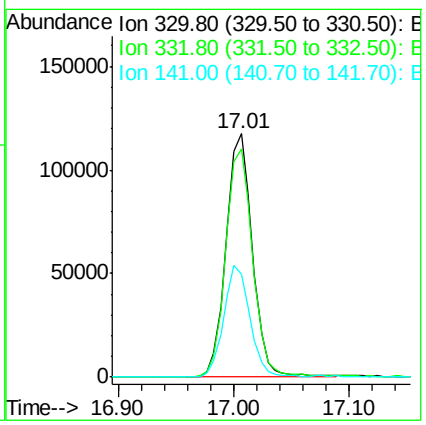


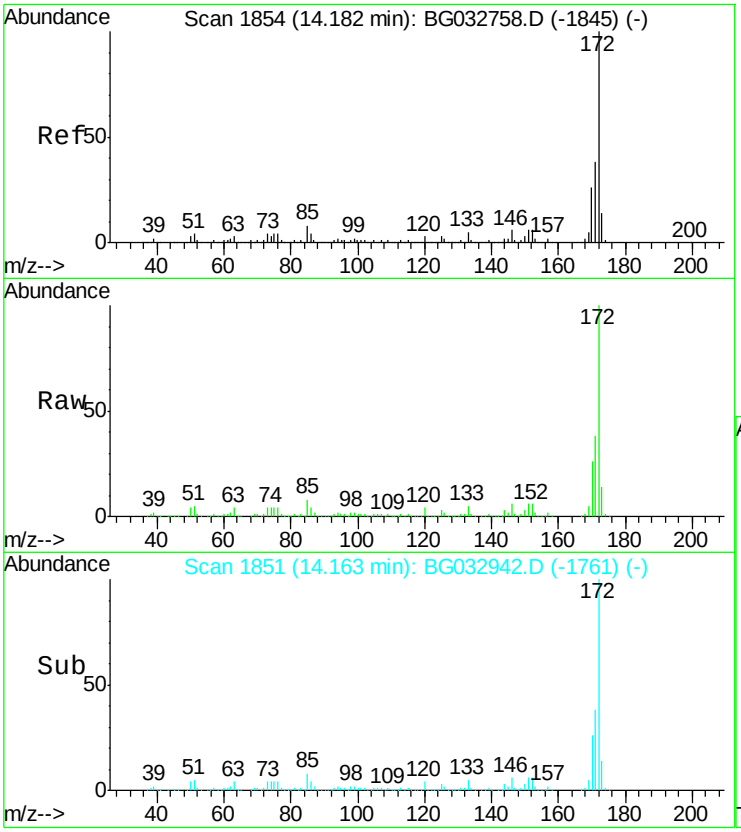




#41
2,4,6-Tribromophenol
Concen: 122.688 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:330 Resp: 186041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 77.0 | 115.6 |
| 141 | 45.2 | 25.2 | 37.8# |



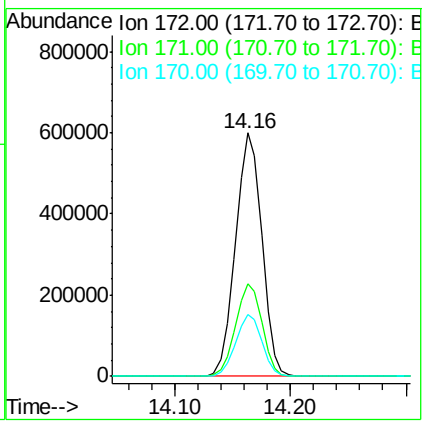


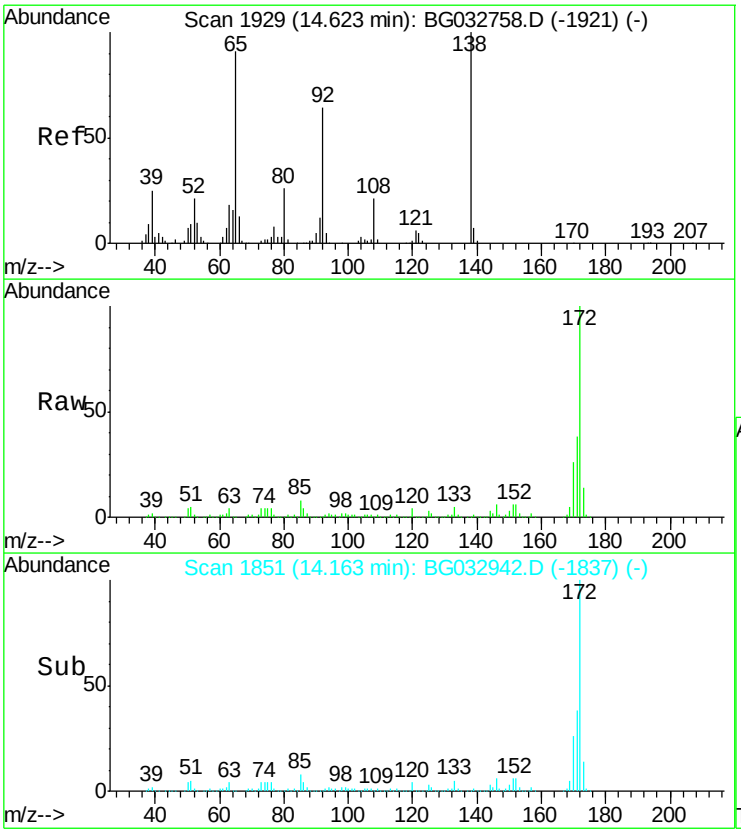

#44
2-Fluorobiphenyl
Concen: 94.531 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:172 Resp: 945240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.3 | 30.0 | 45.0 |
| 170 | 25.6 | 19.5 | 29.3 |

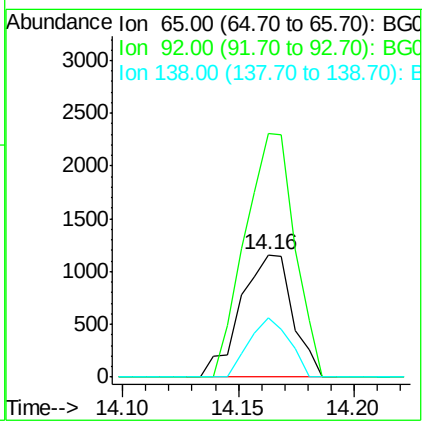


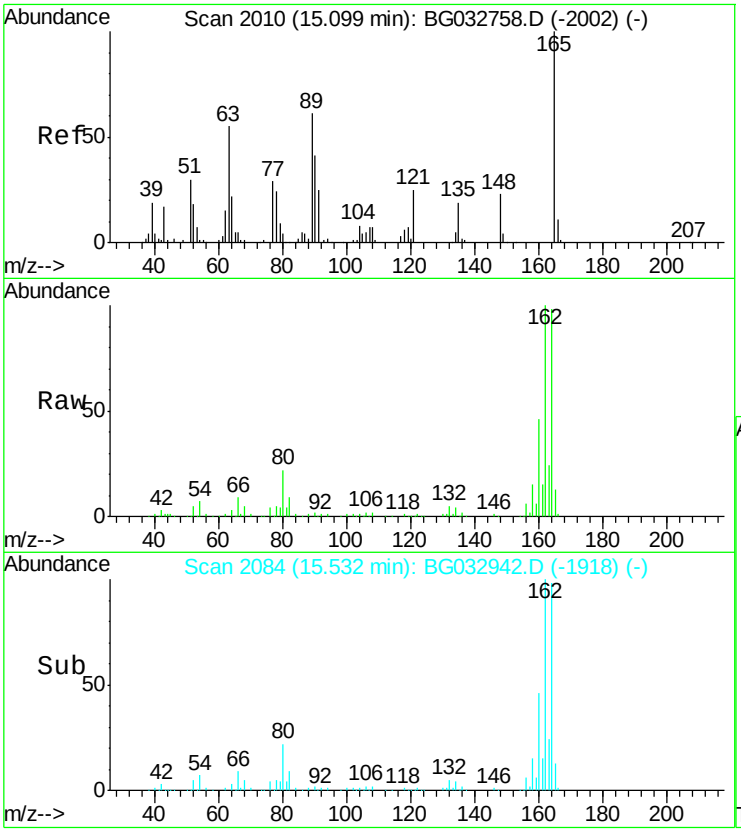




#47
2-Nitroaniline
Concen: 10.444 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.45 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion: 65 Resp: 1815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 198.5 | 54.6 | 82.0# |
| 138 | 48.3 | 72.9 | 109.3# |



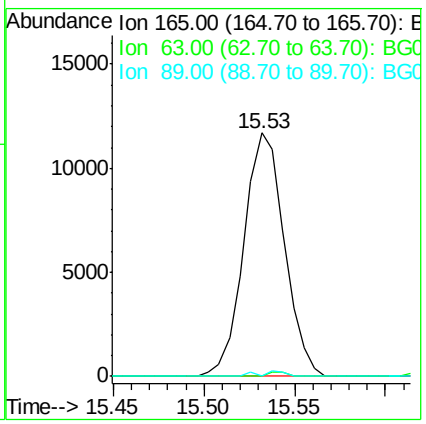


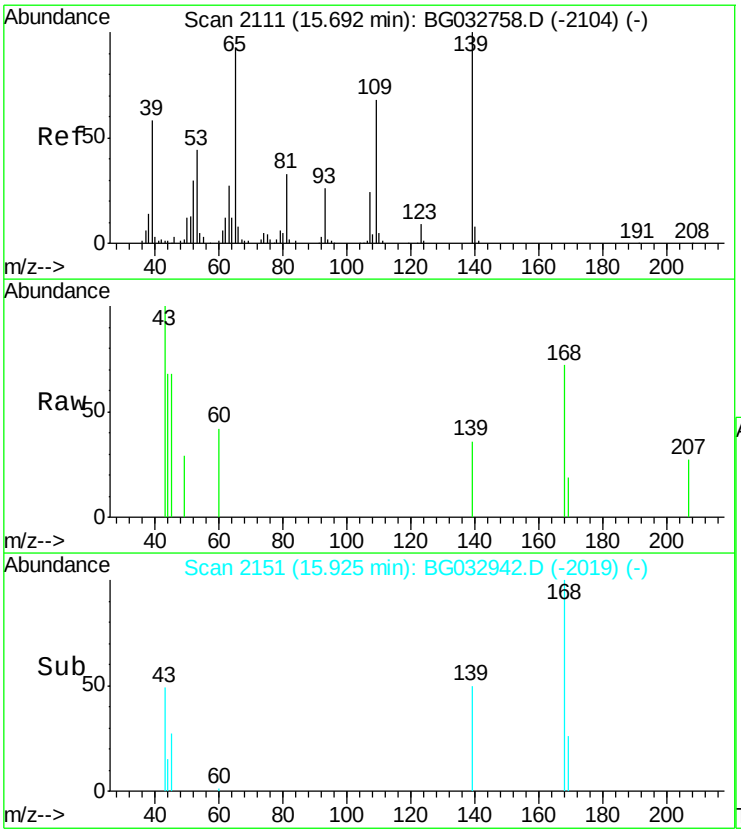

#50
2,6-Dinitrotoluene
Concen: 16.190 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:165 Resp: 18142

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

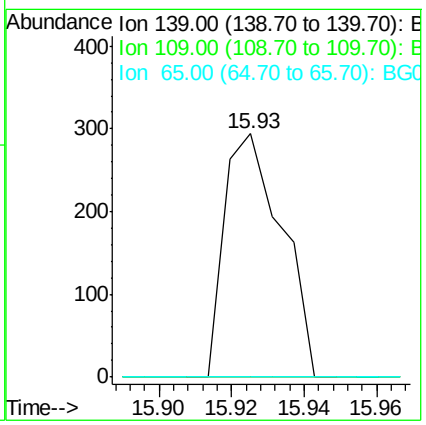


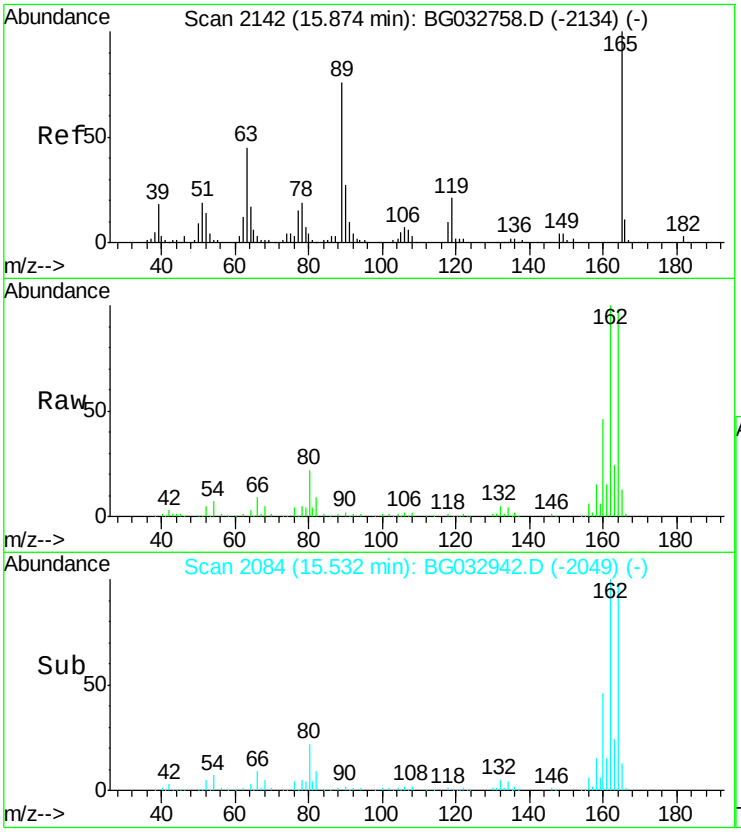




#55
4-Nitrophenol
Concen: 7.227 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.24 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:139 Resp: 322

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



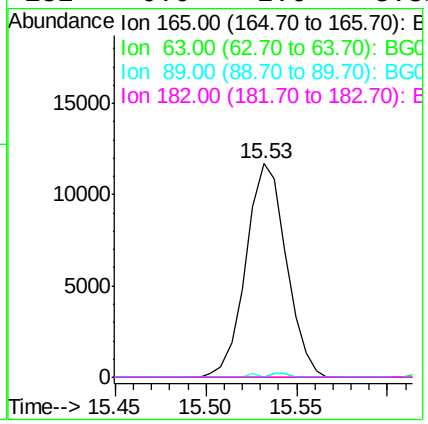


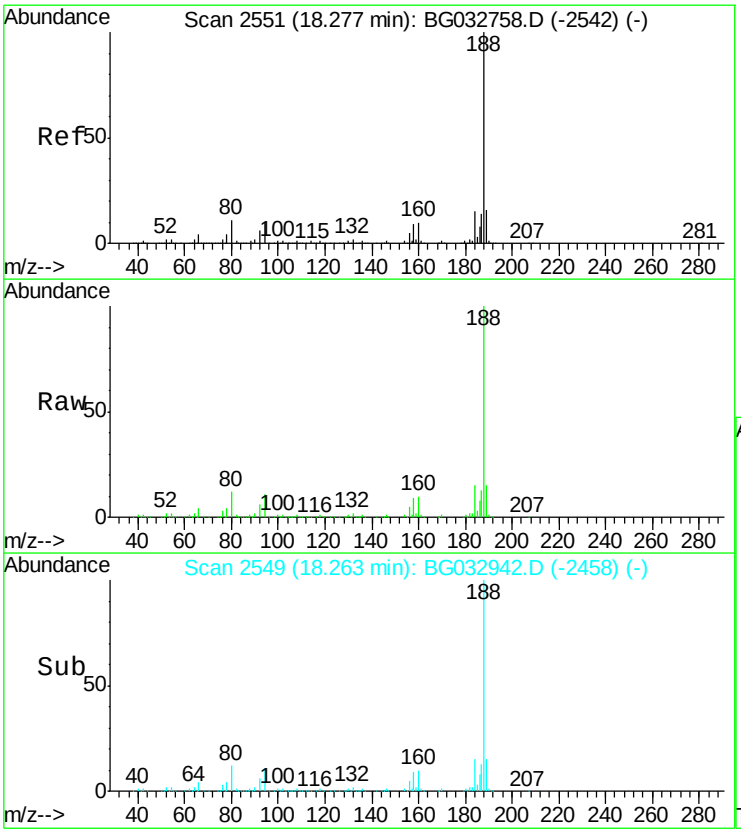

#56
2,4-Dinitrotoluene
Concen: 14.386 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:165 Resp: 18142

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

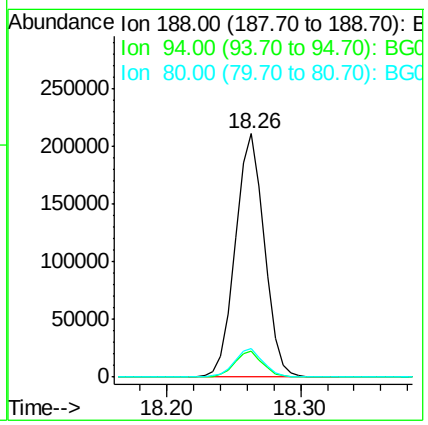


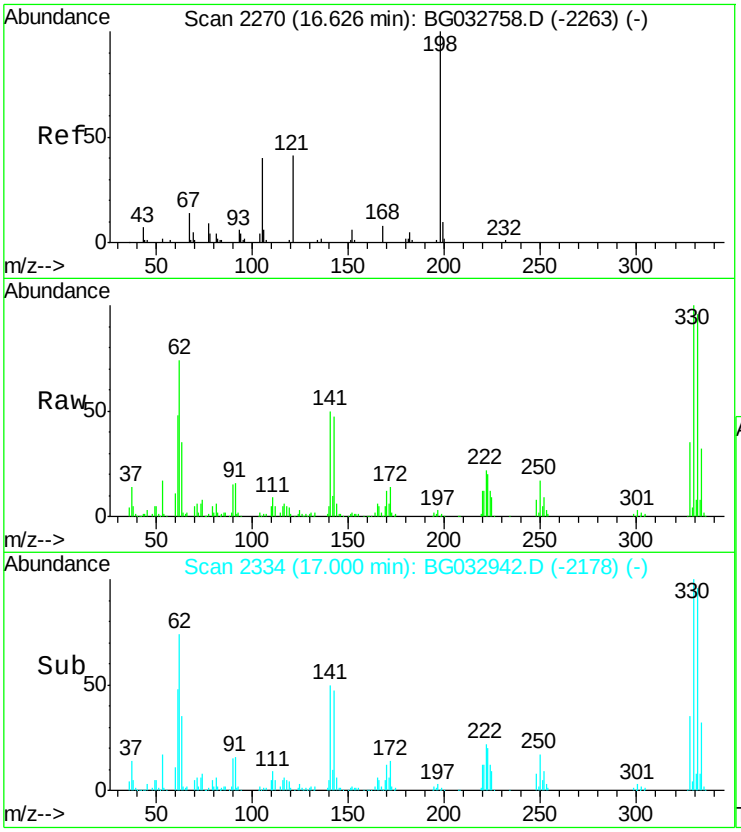




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:188 Resp: 316974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 6.9 | 10.3# |
| 80 | 11.8 | 7.7 | 11.5# |



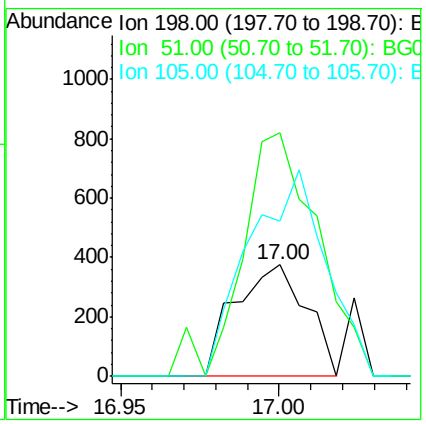


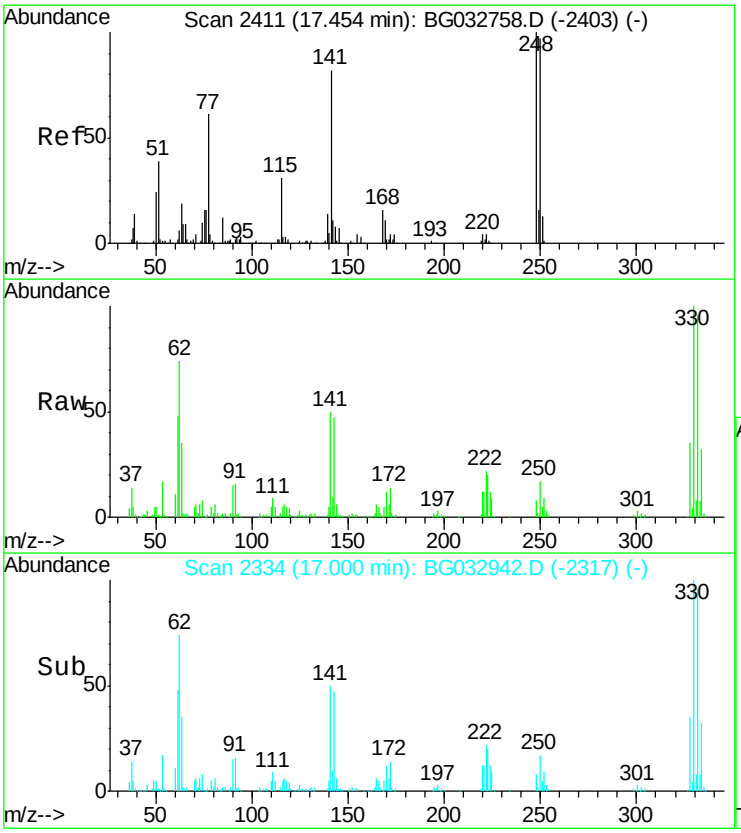

#64
4,6-Dinitro-2-methylphenol
Concen: 5.733 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.38 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:198 Resp: 585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 218.1 | 30.6 | 70.6# |
| 105 | 139.1 | 23.8 | 63.8# |

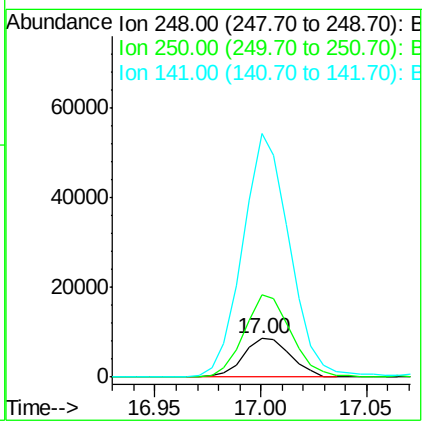


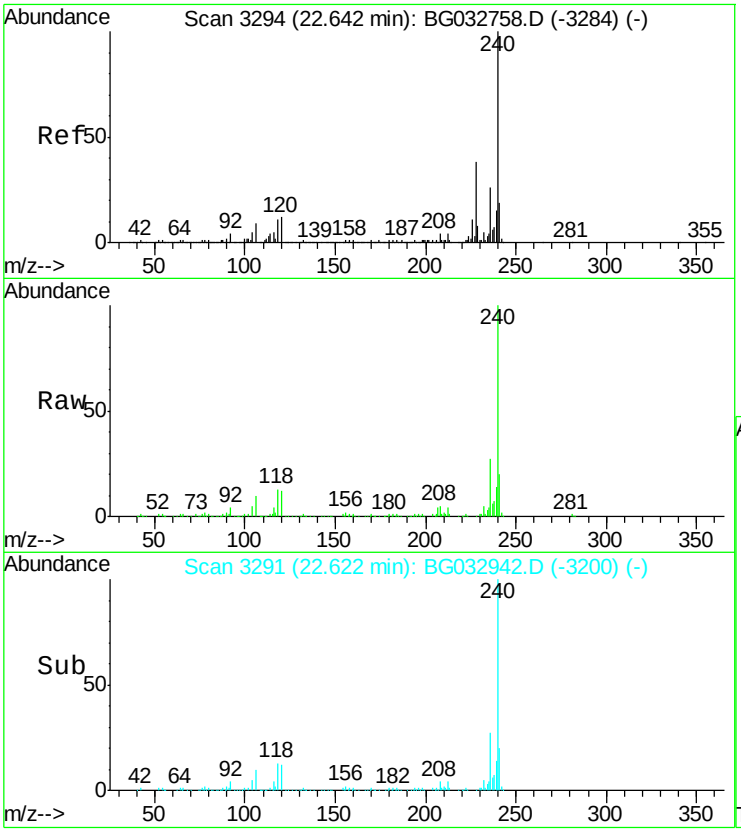




#66
4-Bromophenyl-phenylether
Concen: 3.959 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:248 Resp: 13270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 213.6 | 77.1 | 115.7# |
| 141 | 633.3 | 50.8 | 76.2# |



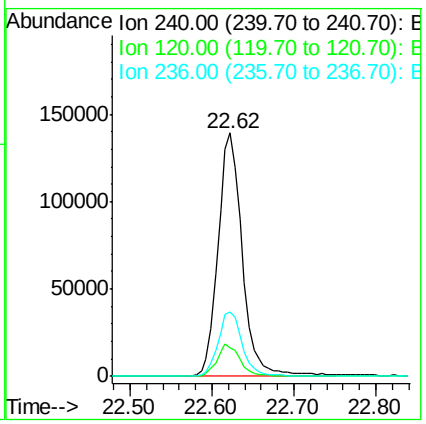


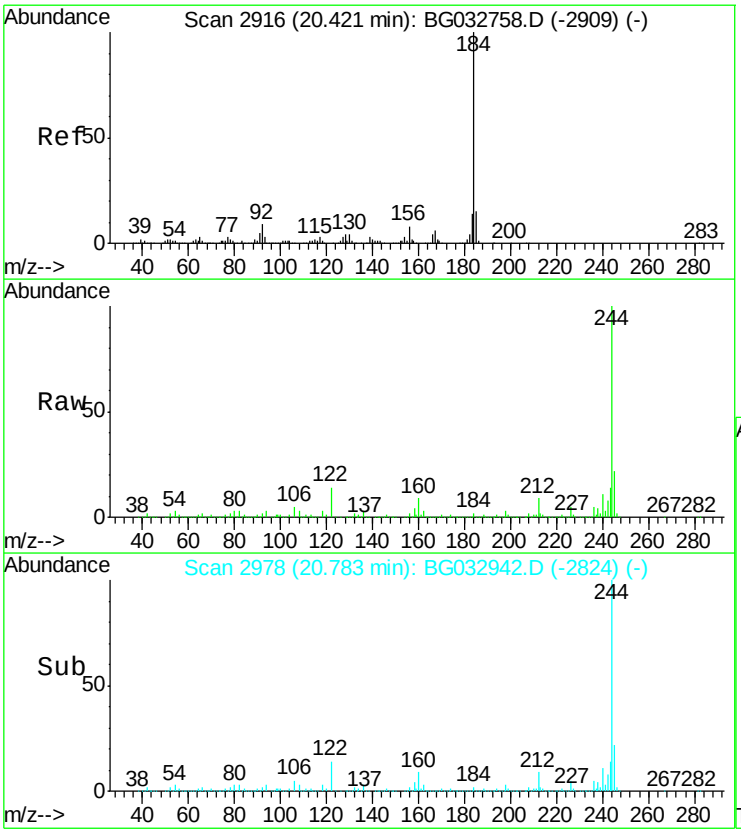

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:240 Resp: 287885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.0 | 6.8 | 10.2# |
| 236 | 26.7 | 20.9 | 31.3 |

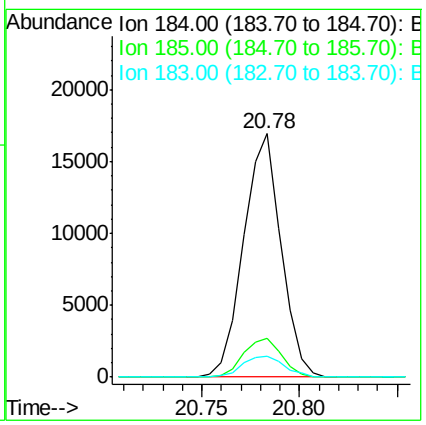


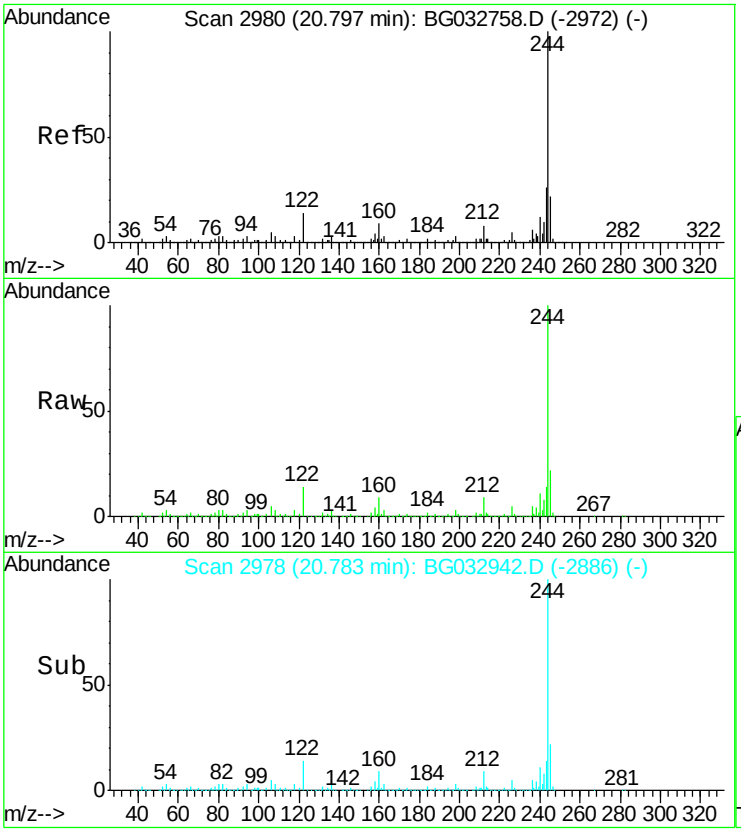




#76
Benzidine
Concen: 2.285 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.37 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:184 Resp: 22427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.8 | 11.1 | 16.7 |
| 183 | 8.7 | 10.6 | 16.0# |



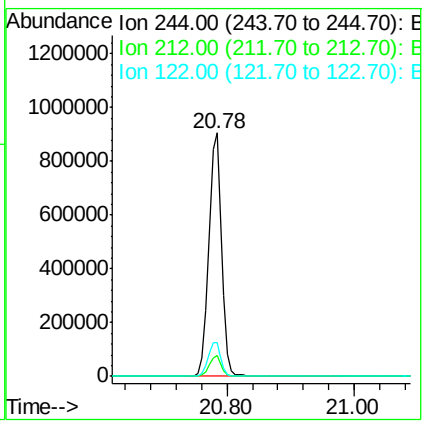


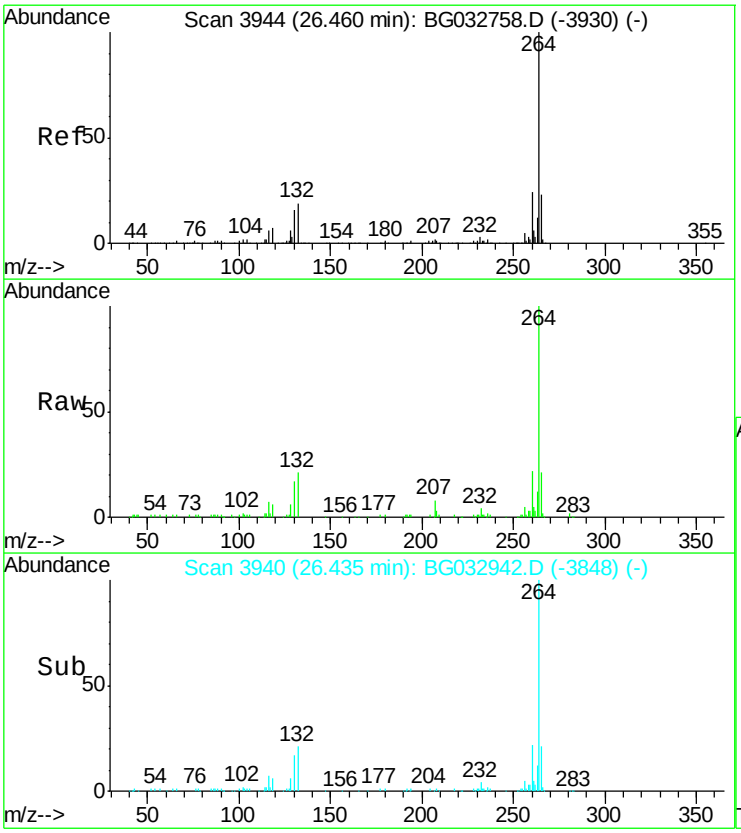

#78
Terphenyl-d14
Concen: 103.028 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

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

Tgt Ion:244 Resp: 1320150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.6 | 5.8 | 8.8 |
| 122 | 14.0 | 7.0 | 10.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3940
Delta R.T. 0.01 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:264 Resp: 273349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.1 | 17.4 | 26.0 |
| 265 | 20.6 | 17.7 | 26.5 |