Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032929.D
Acq On : 1 Mar 2018 22:39
Operator : SJ/JU
Sample : J1719-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 02 10:05:56 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 | 56328 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.81 | 136 | 252261 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.53 | 164 | 147476 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 18.26 | 188 | 346563 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.61 | 240 | 334068 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 26.43 | 264 | 333690 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.33 | 112 | 242553 | 68.89 | ng | | 0.00 |
| 7) Phenol-d6 | 8.01 | 99 | 198310 | 40.41 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 10.12 | 82 | 392314 | 105.25 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.00 | 330 | 171433 | 110.55 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 14.16 | 172 | 919591 | 89.93 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.78 | 244 | 1391071 | 93.55 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 10.12 | 70 | 50193 | 14.487 | ng | # | 81 |
| 24) Nitrobenzene | 10.11 | 77 | 1208 | 6.641 | ng | # | 37 |
| 31) Naphthalene | 11.86 | 128 | 64346 | 4.882 | ng | | 98 |
| 47) 2-Nitroaniline | 14.17 | 65 | 1715 | 10.397 | ng | # | 13 |
| 50) 2,6-Dinitrotoluene | 15.53 | 165 | 19221 | 16.453 | ng | # | 20 |
| 55) 4-Nitrophenol | 15.92 | 139 | 2102 | 8.015 | ng | # | 1 |
| 56) 2,4-Dinitrotoluene | 15.53 | 165 | 19221 | 14.651 | ng | # | 18 |
| 64) 4,6-Dinitro-2-methylphenol | 16.98 | 198 | 61 | 5.022 | ng | # | 15 |
| 66) 4-Bromophenyl-phenylether | 17.00 | 248 | 12591 | 3.436 | ng | # | 1 |
| 76) Benzidine | 20.78 | 184 | 23693 | 2.081 | ng | # | 93 |

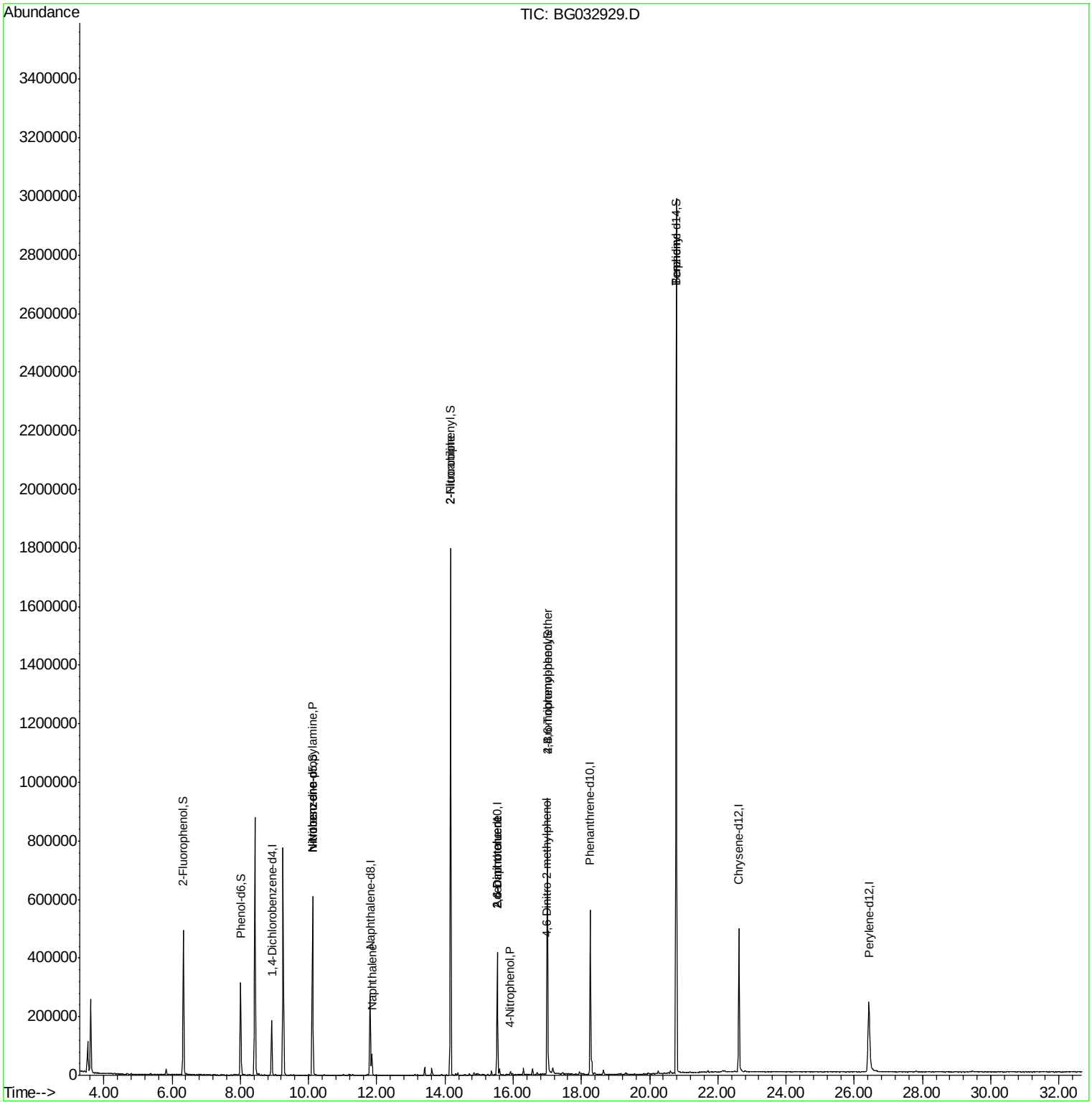
(#) = qualifier out of range (m) = manual integration (+) = signals summed

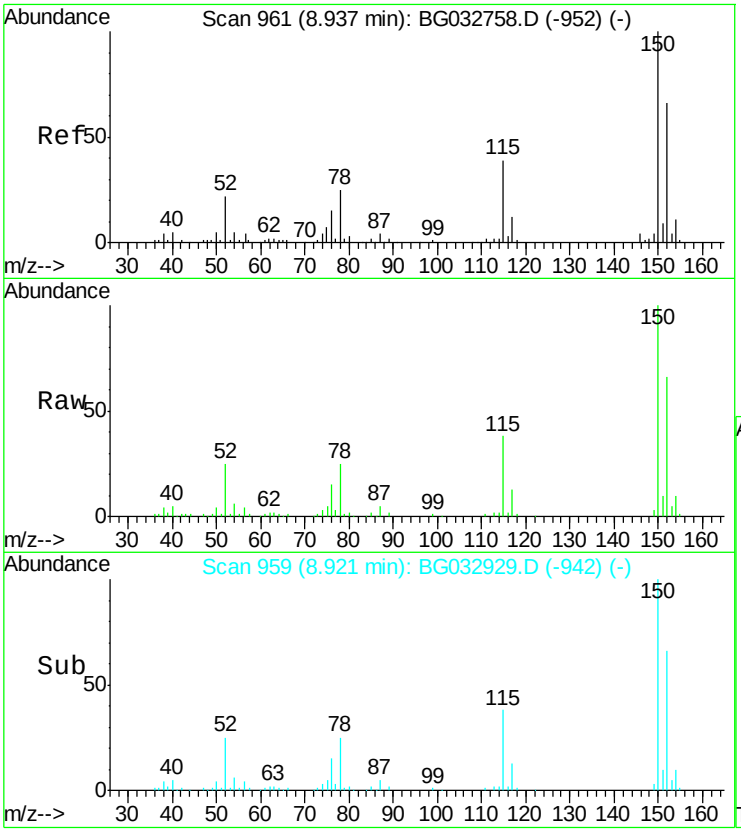
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032929.D
Acq On : 1 Mar 2018 22:39
Operator : SJ/JU
Sample : J1719-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 02 10:05:56 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



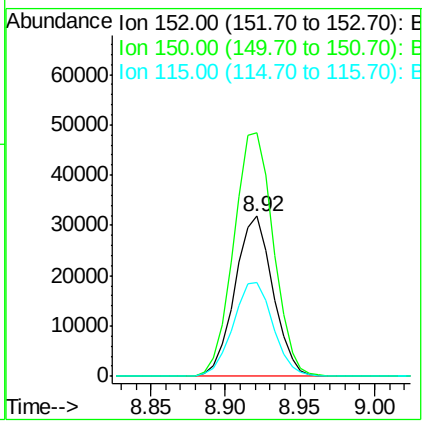


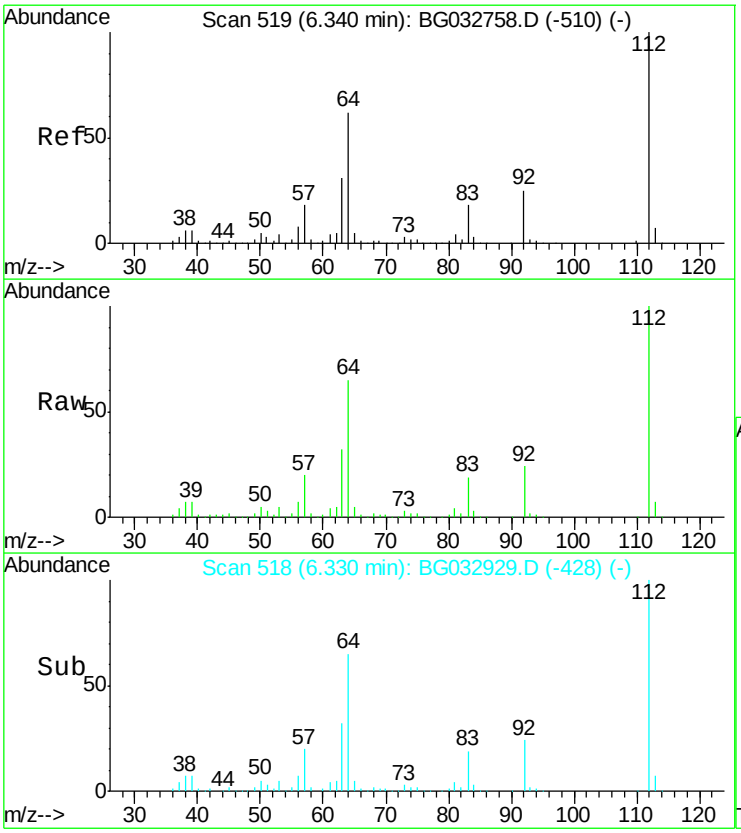

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:152 Resp: 56328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.4 | 126.6 | 189.8 |
| 115 | 58.6 | 53.0 | 79.4 |

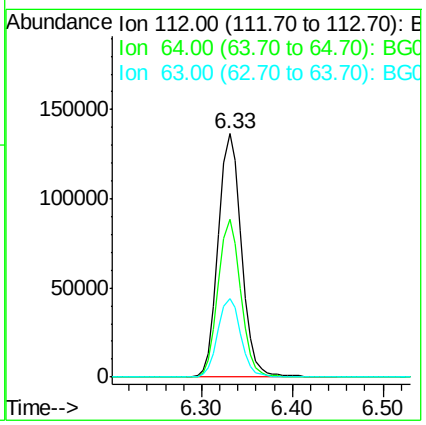


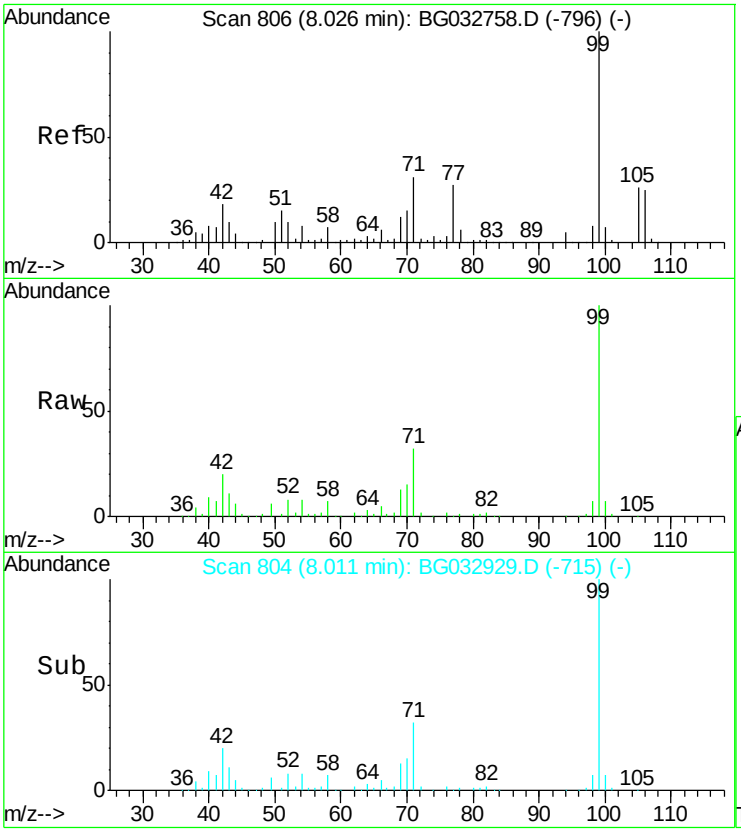




#5
2-Fluorophenol
Concen: 68.891 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:112 Resp: 242553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.0 | 56.3 | 84.5 |
| 63 | 32.5 | 30.1 | 45.1 |



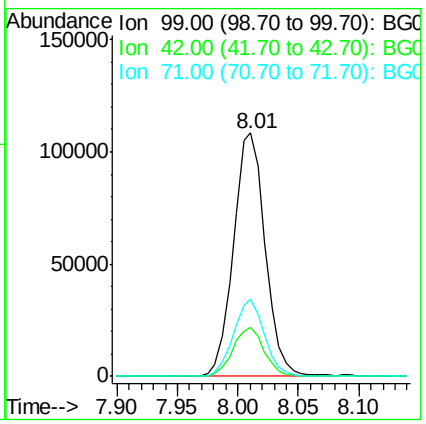


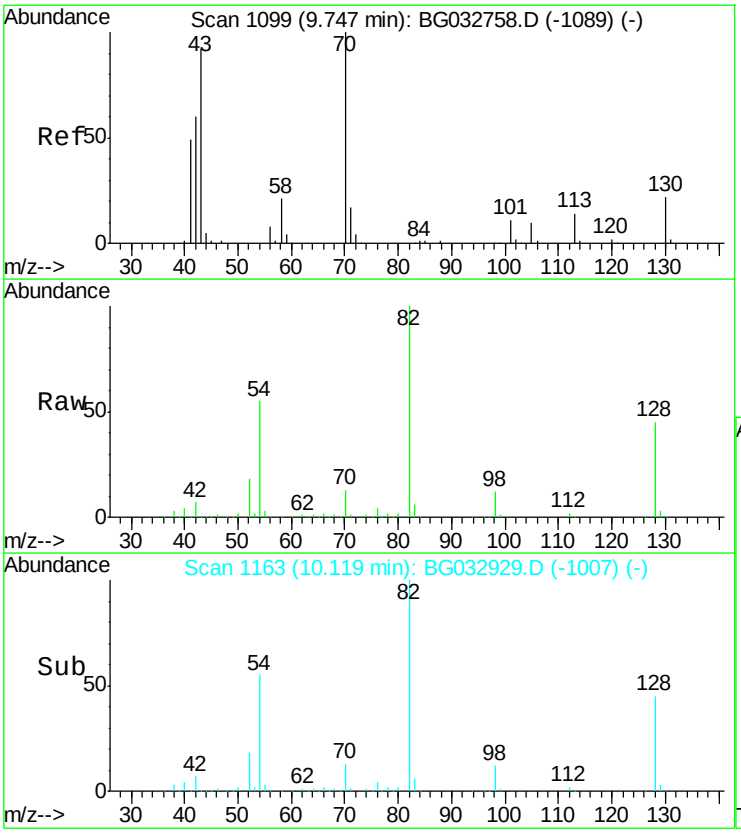

#7
Phenol-d6
Concen: 40.409 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion: 99 Resp: 198310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.3 | 14.1 | 21.1 |
| 71 | 31.9 | 26.1 | 39.1 |

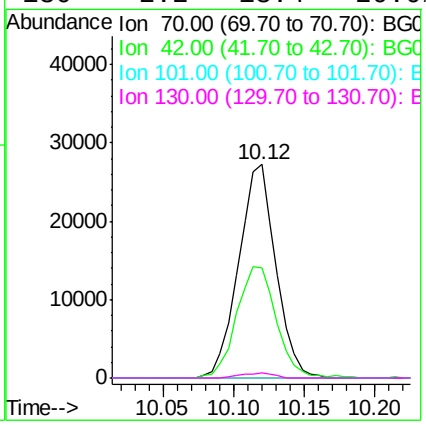


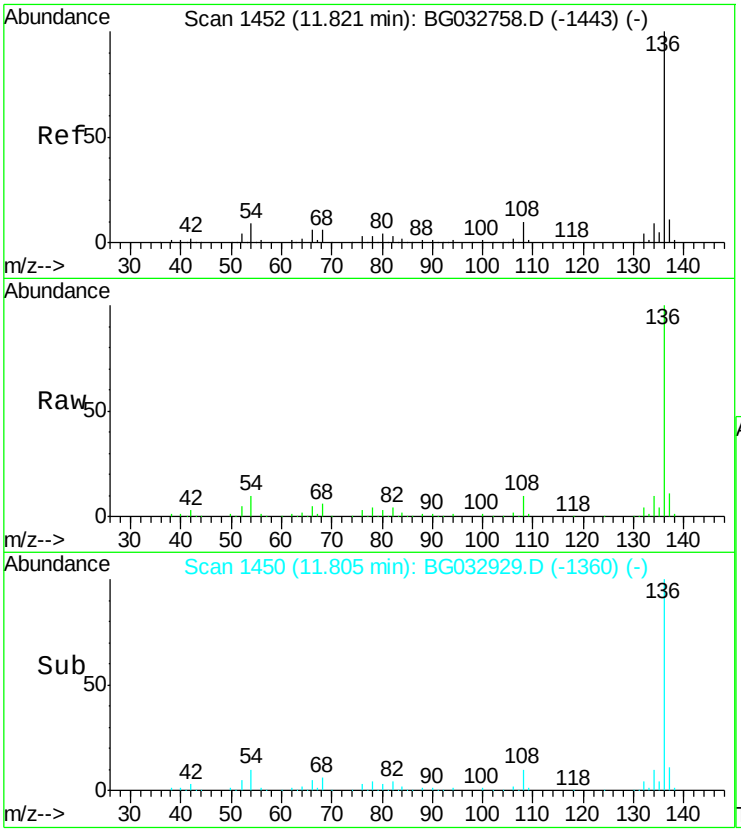




#19
n-Nitroso-di-n-propylamine
Concen: 14.487 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.39 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion: 70 Resp: 50193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 51.5 | 49.1 | 73.7 |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 2.2 | 13.4 | 20.0# |



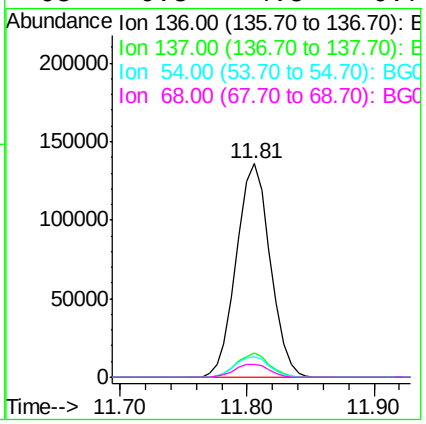


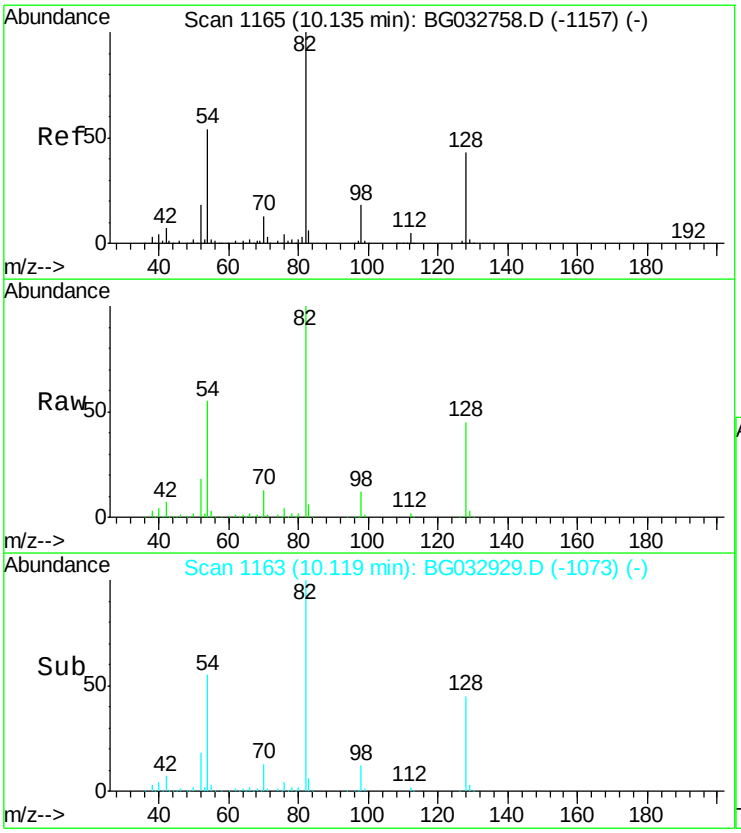

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:136 Resp: 252261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.2 | 13.8 |
| 54 | 9.7 | 10.3 | 15.5# |
| 68 | 6.3 | 4.5 | 6.7 |

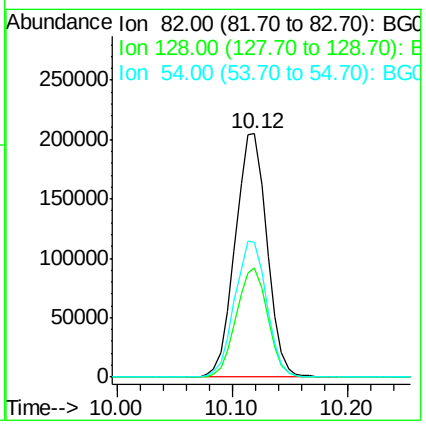


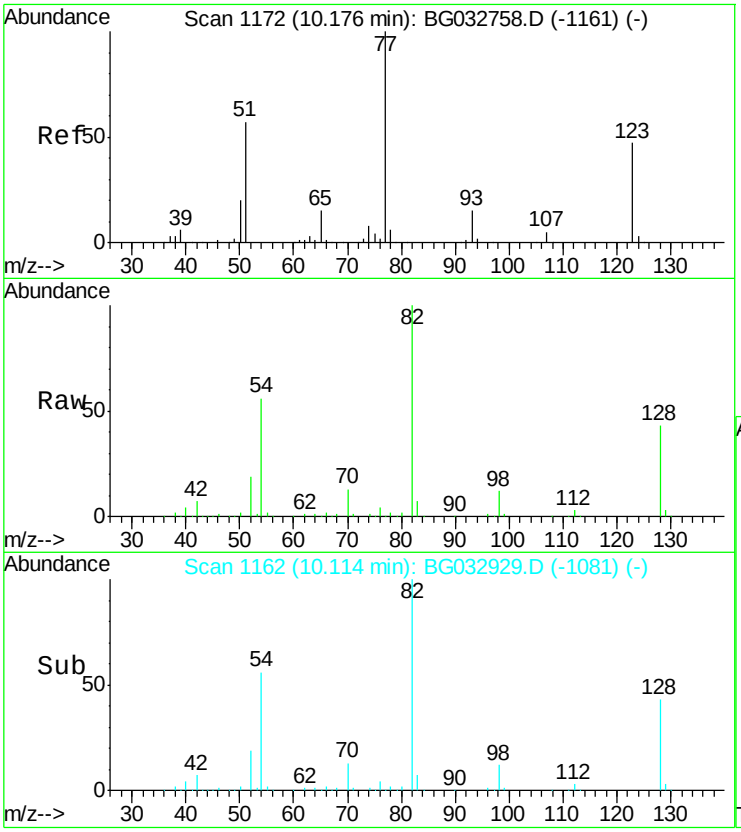




#23
Nitrobenzene-d5
Concen: 105.249 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion: 82 Resp: 392314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.8 | 29.7 | 44.5# |
| 54 | 55.2 | 43.1 | 64.7 |



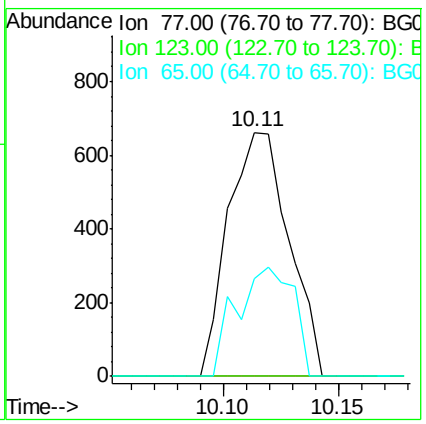


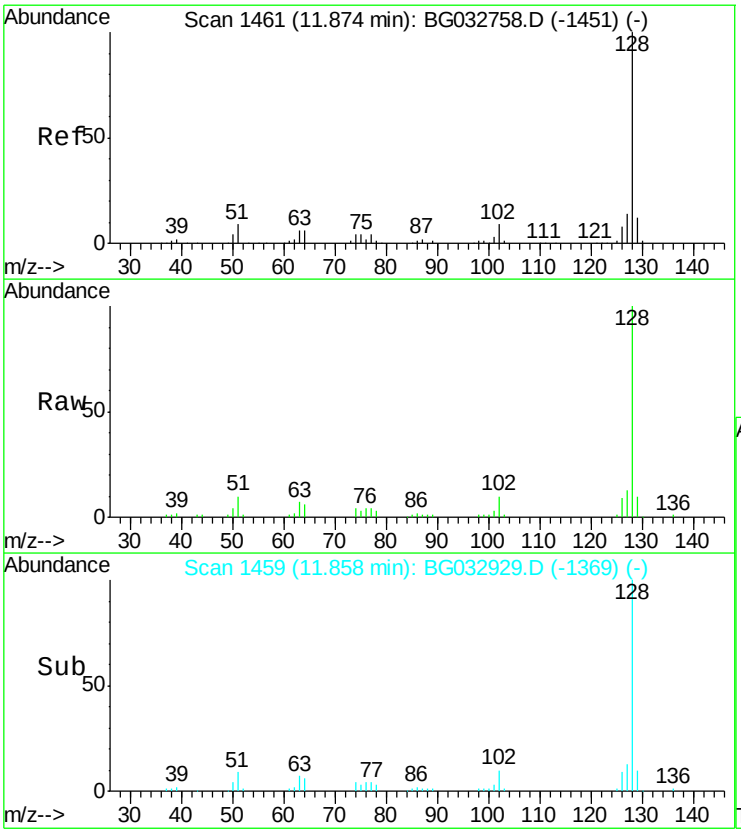

#24
Nitrobenzene
Concen: 6.641 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion: 77 Resp: 1208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 33.0 | 49.6# |
| 65 | 39.9 | 13.0 | 19.6# |

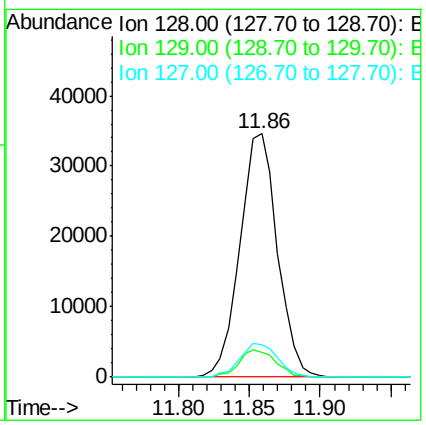


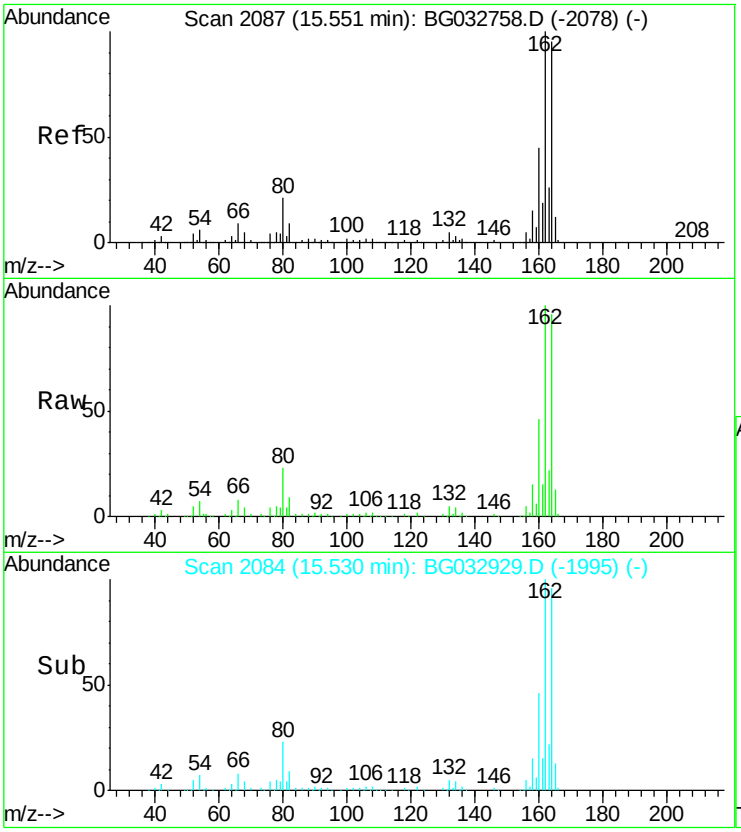




#31
Naphthalene
Concen: 4.882 ng
RT: 11.86 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:128 Resp: 64346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.0 | 8.6 | 12.8 |
| 127 | 13.4 | 11.6 | 17.4 |



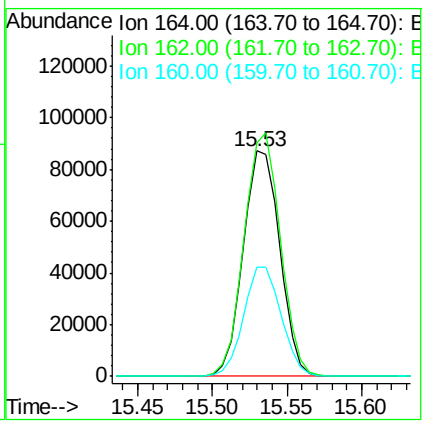


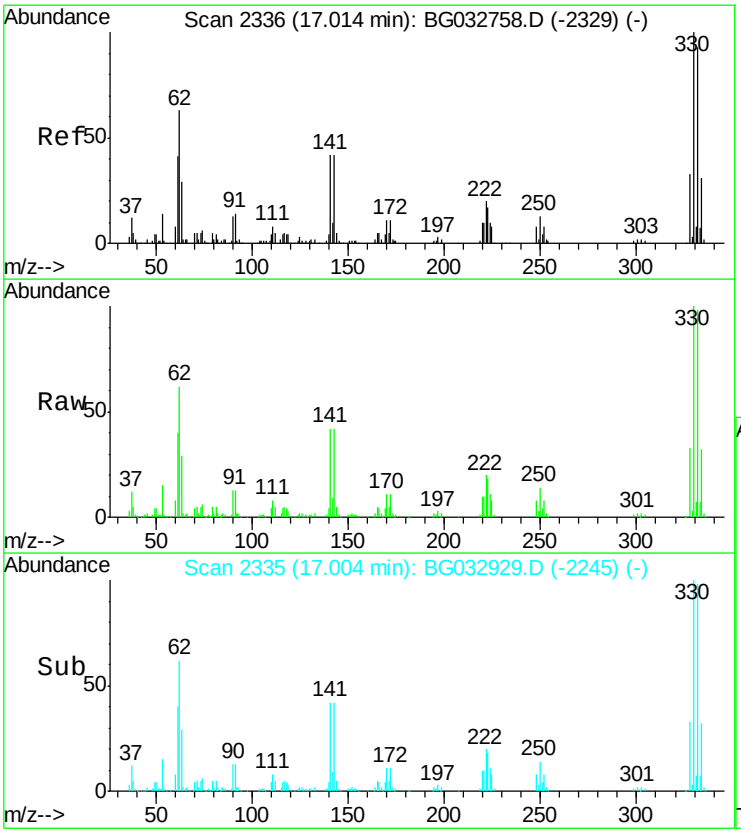

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:164 Resp: 147476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 78.8 | 118.2 |
| 160 | 48.3 | 35.4 | 53.0 |

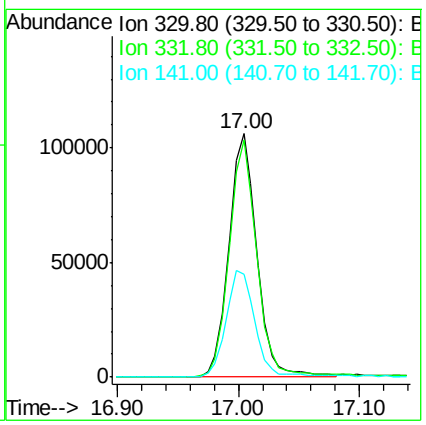


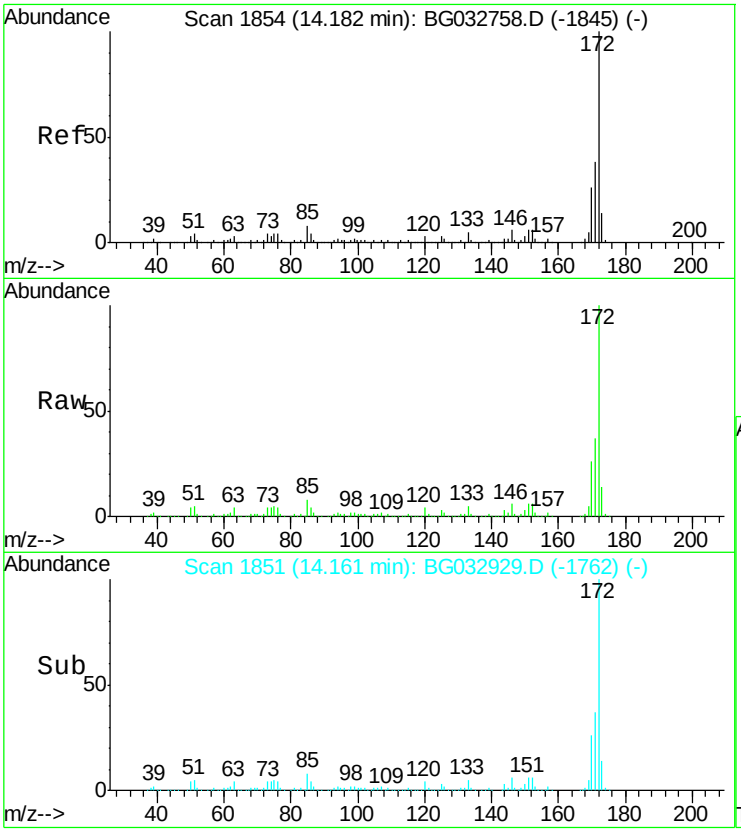




#41
2,4,6-Tribromophenol
Concen: 110.555 ng
RT: 17.00 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:330 Resp: 171433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 77.0 | 115.6 |
| 141 | 45.1 | 25.2 | 37.8# |



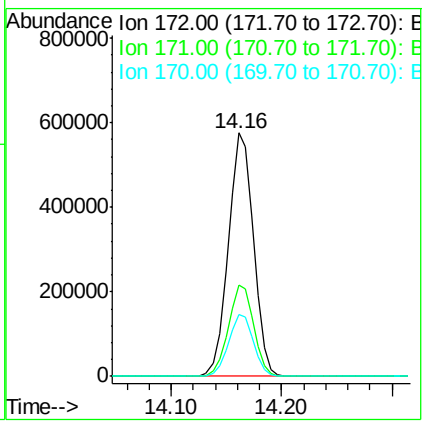


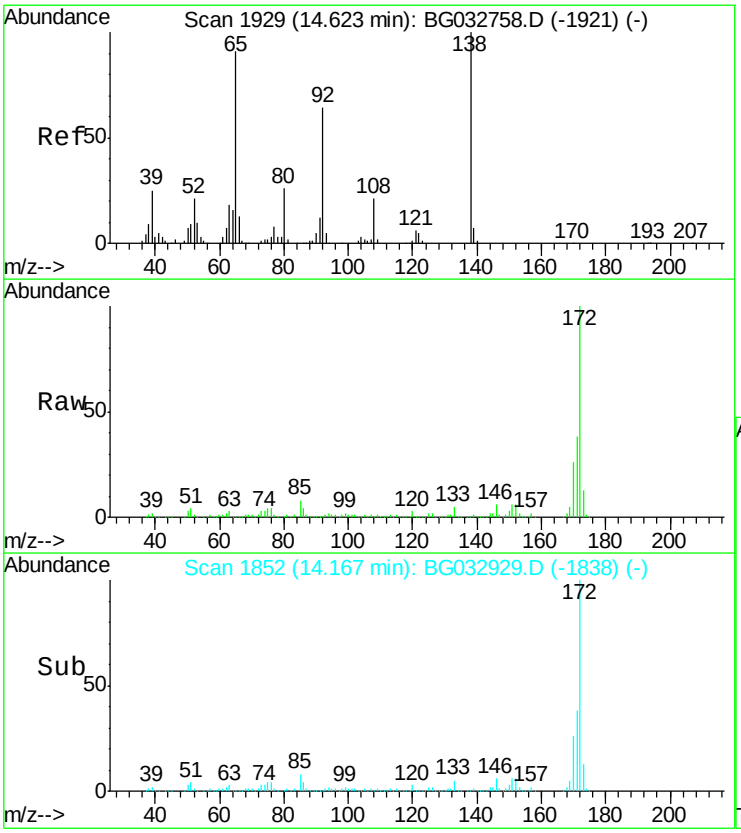

#44
2-Fluorobiphenyl
Concen: 89.932 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:172 Resp: 919591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.4 | 30.0 | 45.0 |
| 170 | 25.5 | 19.5 | 29.3 |

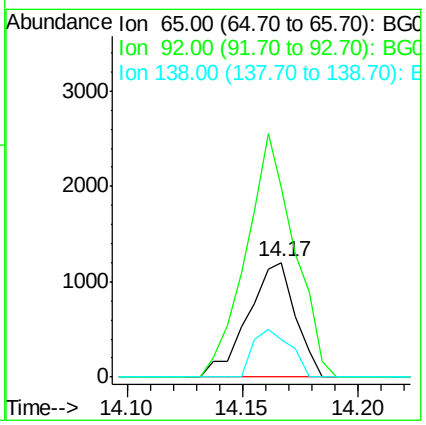


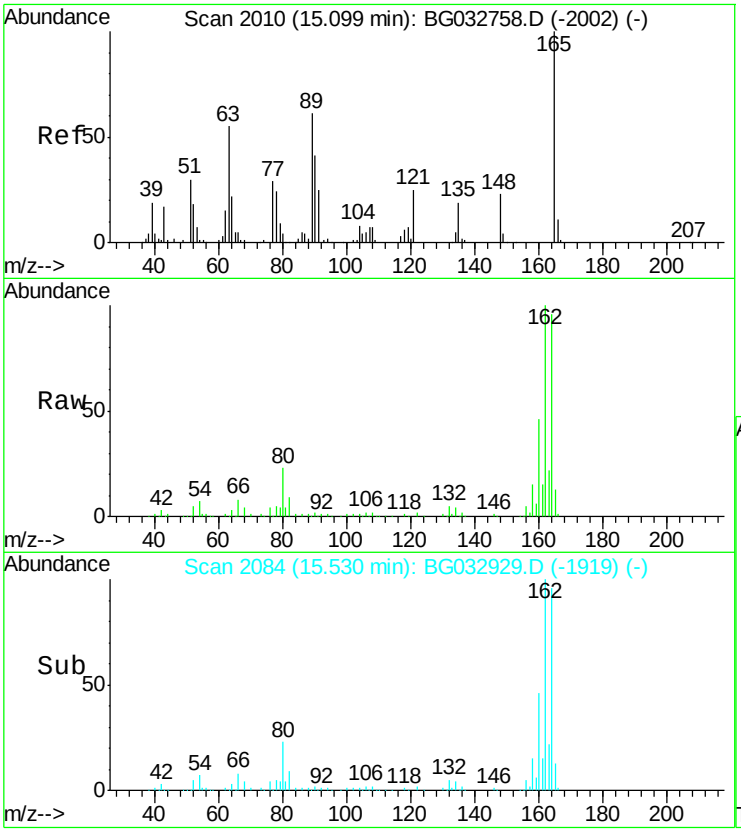




#47
2-Nitroaniline
Concen: 10.397 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion: 65 Resp: 1715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 165.7 | 54.6 | 82.0# |
| 138 | 32.4 | 72.9 | 109.3# |



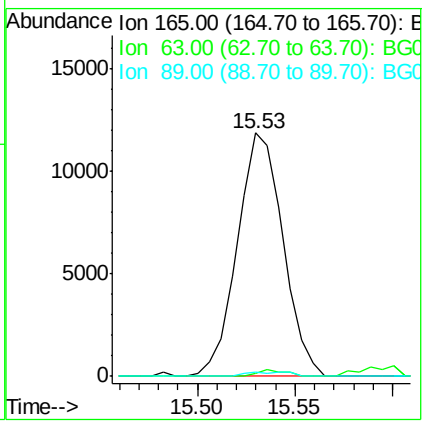


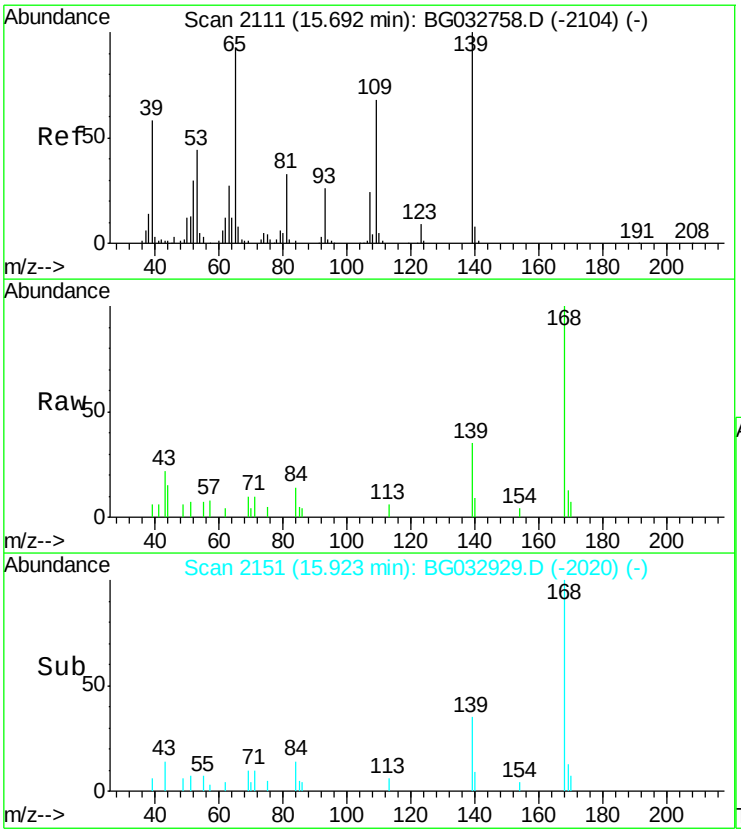

#50
2,6-Dinitrotoluene
Concen: 16.453 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:165 Resp: 19221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.5 | 52.7 | 79.1# |
| 89 | 1.5 | 49.2 | 73.8# |

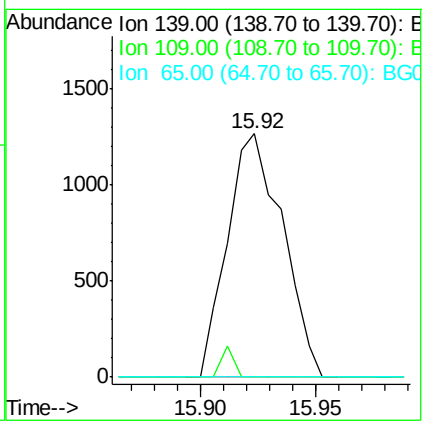


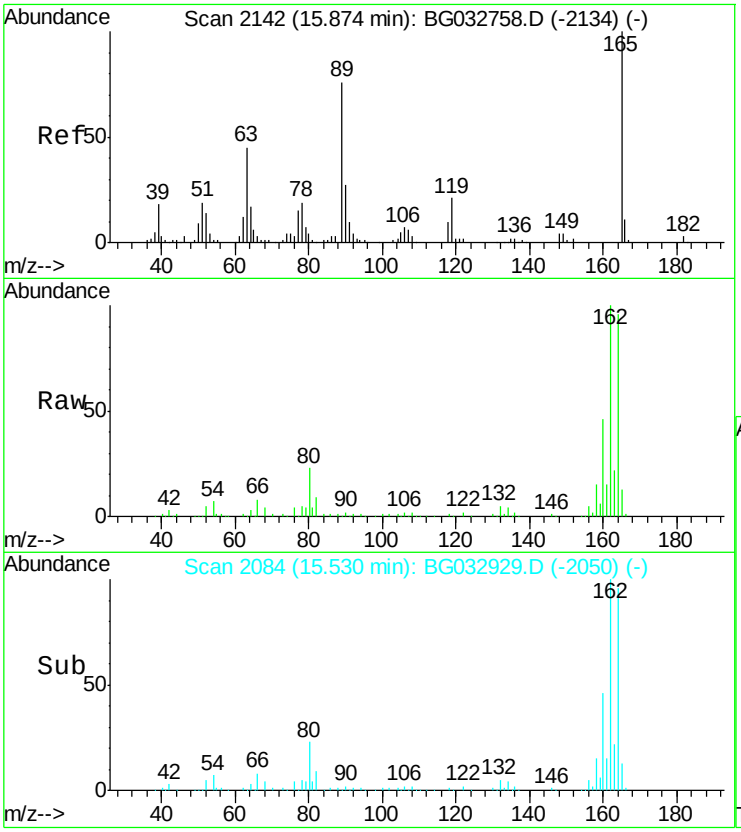




#55
4-Nitrophenol
Concen: 8.015 ng
RT: 15.92 min Scan# 2151
Delta R.T. 0.24 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:139 Resp: 2102

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



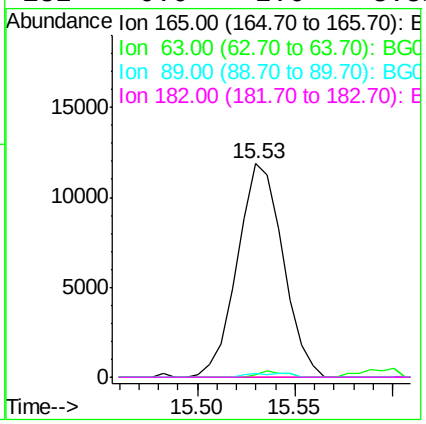


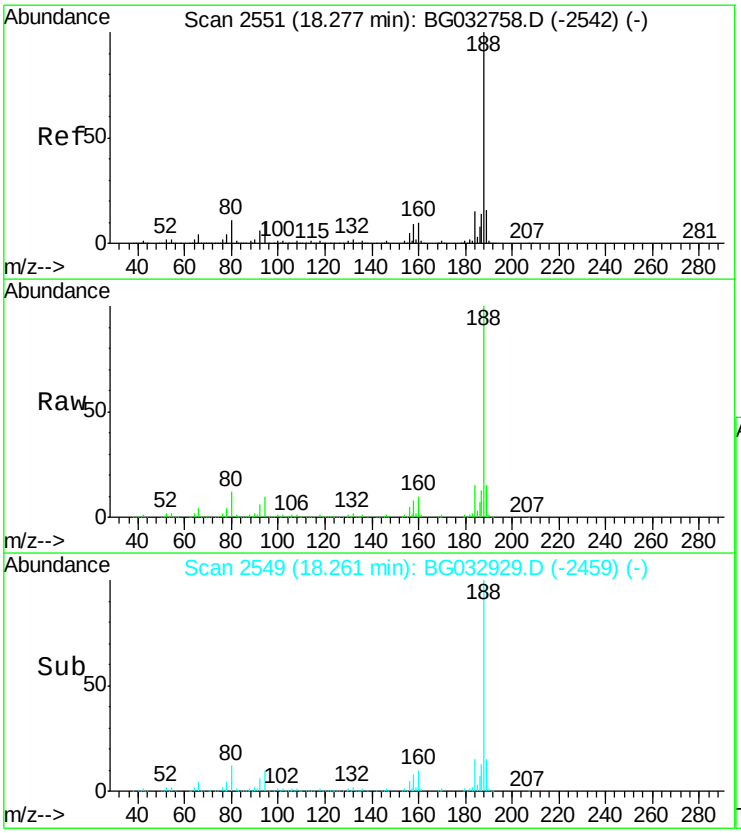

#56
2,4-Dinitrotoluene
Concen: 14.651 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:165 Resp: 19221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.5 | 42.0 | 63.0# |
| 89 | 1.5 | 66.9 | 100.3# |
| 182 | 0.0 | 2.6 | 3.8# |

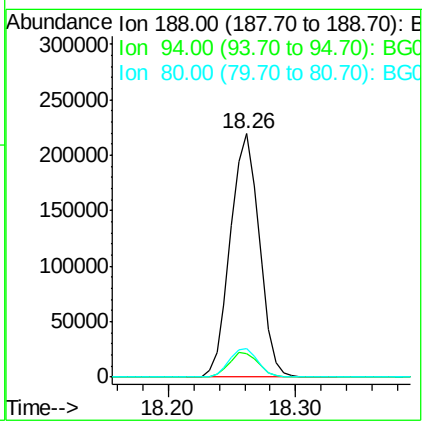


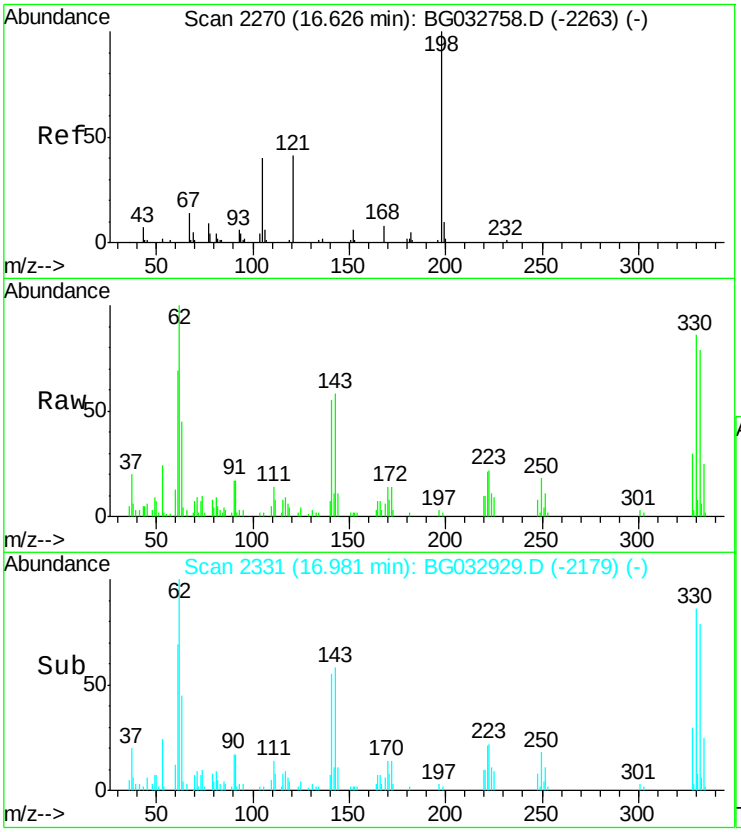




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:188 Resp: 346563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.9 | 6.9 | 10.3 |
| 80 | 11.7 | 7.7 | 11.5# |



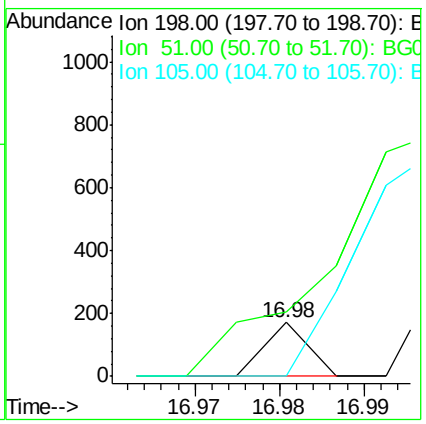


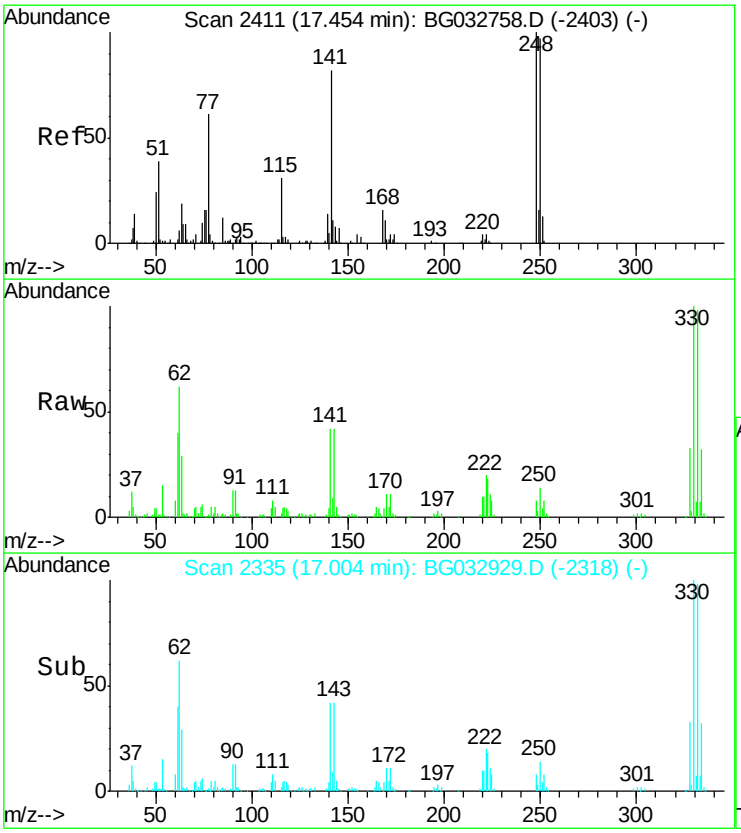

#64
4,6-Dinitro-2-methylphenol
Concen: 5.022 ng
RT: 16.98 min Scan# 2331
Delta R.T. 0.36 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:198 Resp: 61

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 119.8 | 30.6 | 70.6# |
| 105 | 0.0 | 23.8 | 63.8# |

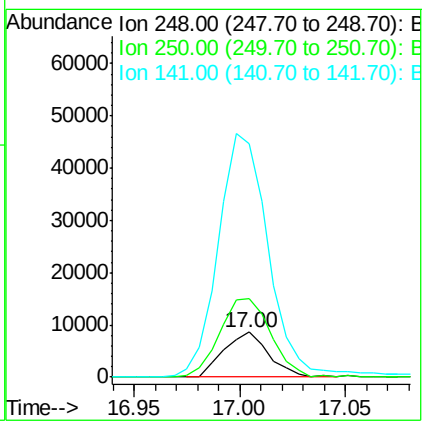


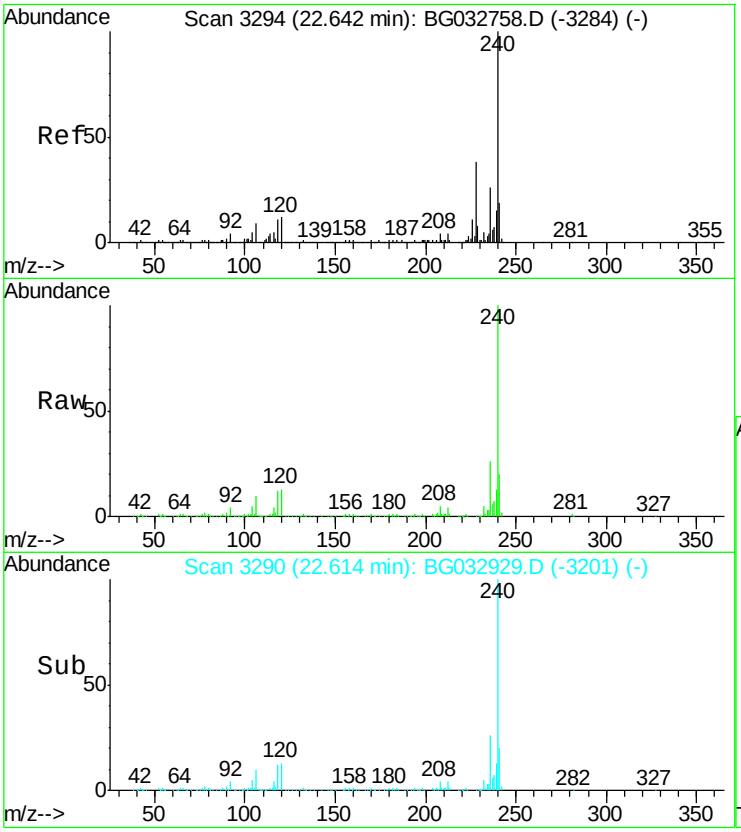




#66
4-Bromophenyl-phenylether
Concen: 3.436 ng
RT: 17.00 min Scan# 2335
Delta R.T. -0.43 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:248 Resp: 12591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 175.1 | 77.1 | 115.7# |
| 141 | 523.5 | 50.8 | 76.2# |



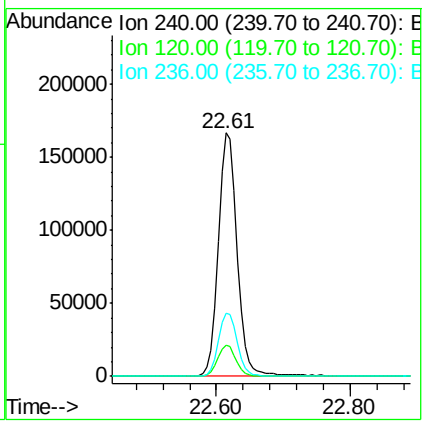


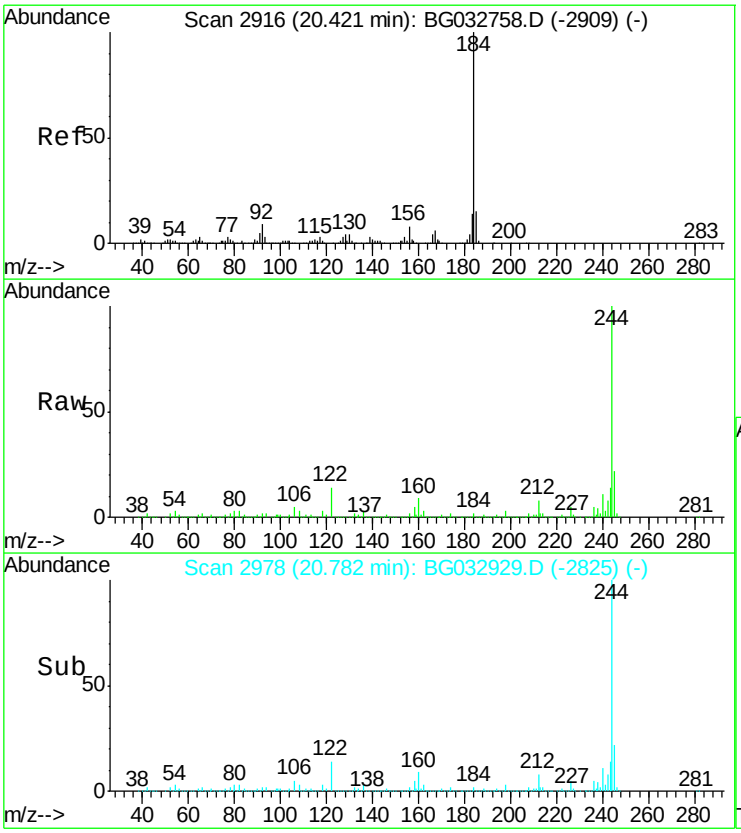

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:240 Resp: 334068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.9 | 6.8 | 10.2# |
| 236 | 26.0 | 20.9 | 31.3 |

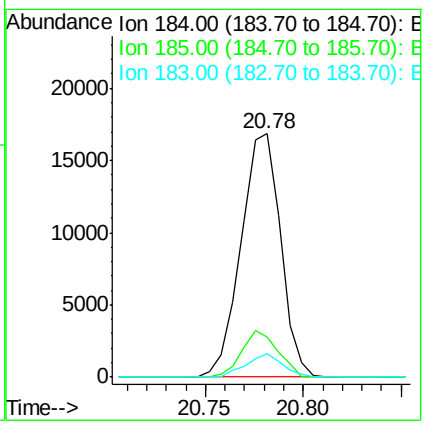


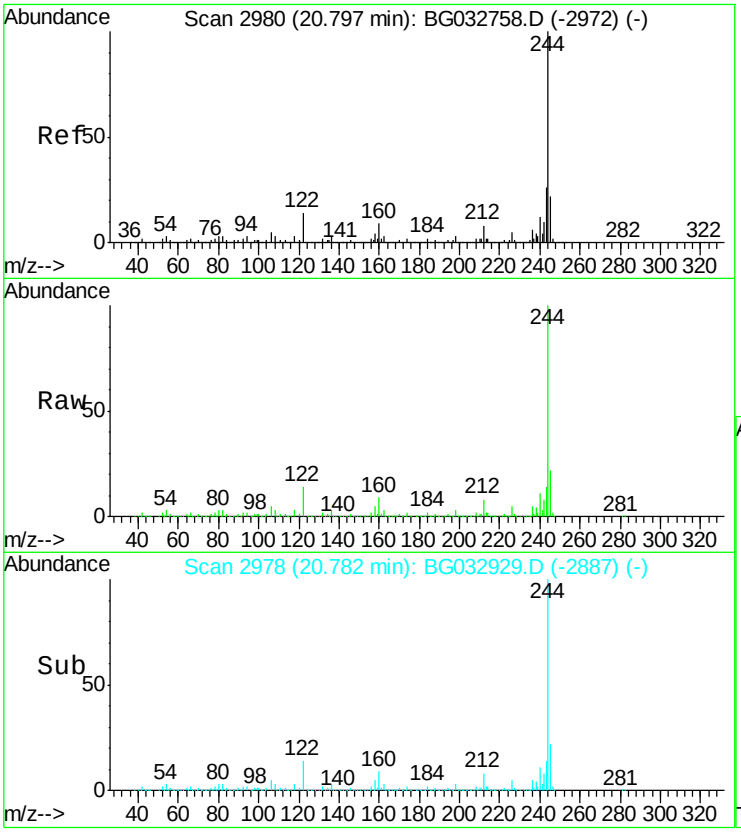




#76
Benzidine
Concen: 2.081 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.37 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:184 Resp: 23693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.3 | 11.1 | 16.7 |
| 183 | 9.8 | 10.6 | 16.0# |



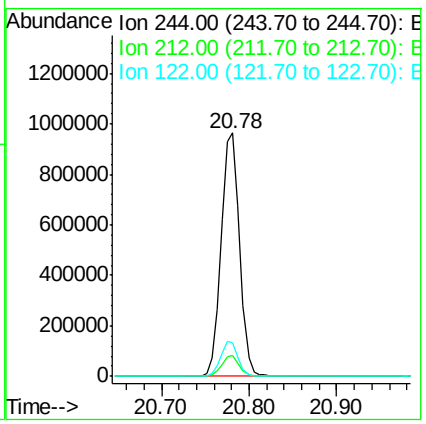


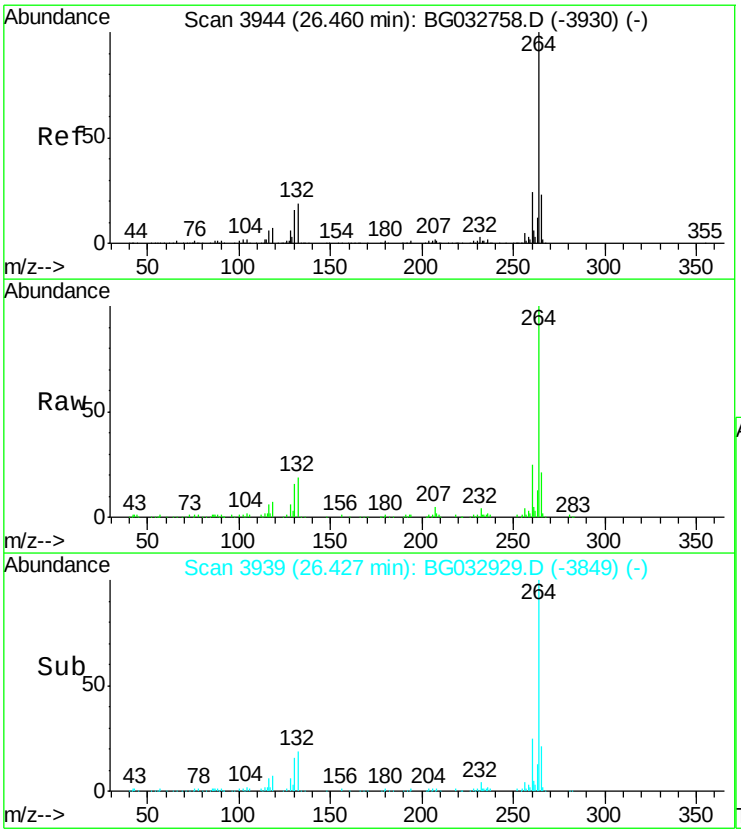

#78
Terphenyl-d14
Concen: 93.555 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

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

Tgt Ion:244 Resp: 1391071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 5.8 | 8.8 |
| 122 | 13.7 | 7.0 | 10.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. 0.00 min
Lab File: BG032929.D
Acq: 1 Mar 2018 22:39

Tgt Ion:264 Resp: 333690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 17.4 | 26.0 |
| 265 | 21.2 | 17.7 | 26.5 |