Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
Data File : BG033798.D
Acq On : 13 Apr 2018 16:11
Operator : SJ/JU
Sample : J2163-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 14 00:49:23 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 | 26330 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.73 | 136 | 108765 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.47 | 164 | 87534 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.20 | 188 | 268048 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.55 | 240 | 302958 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 26.32 | 264 | 320415 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.29 | 112 | 216335 | 154.07 | ng | 0.00 |
| 7) Phenol-d6 | 7.99 | 99 | 273253 | 113.26 | ng | 0.02 |
| 23) Nitrobenzene-d5 | 10.06 | 82 | 253452 | 107.06 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.94 | 330 | 223767 | 170.92 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.10 | 172 | 612304 | 100.98 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.72 | 244 | 1520455 | 107.33 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 9.19 | 79 | 3931 | 2.069 | ng | # 43 |
| 19) n-Nitroso-di-n-propylamine | 10.05 | 70 | 31955 | 18.075 | ng | # 73 |
| 31) Naphthalene | 11.79 | 128 | 20066 | 3.560 | ng | # 92 |
| 50) 2,6-Dinitrotoluene | 15.47 | 165 | 10368 | 6.656 | ng | # 21 |
| 53) 2,4-Dinitrophenol | 15.40 | 184 | 62 | 7.712 | ng | # 1 |
| 56) 2,4-Dinitrotoluene | 15.47 | 165 | 10367 | 4.520 | ng | # 18 |
| 66) 4-Bromophenyl-phenylether | 16.94 | 248 | 17229 | 5.473 | ng | # 1 |

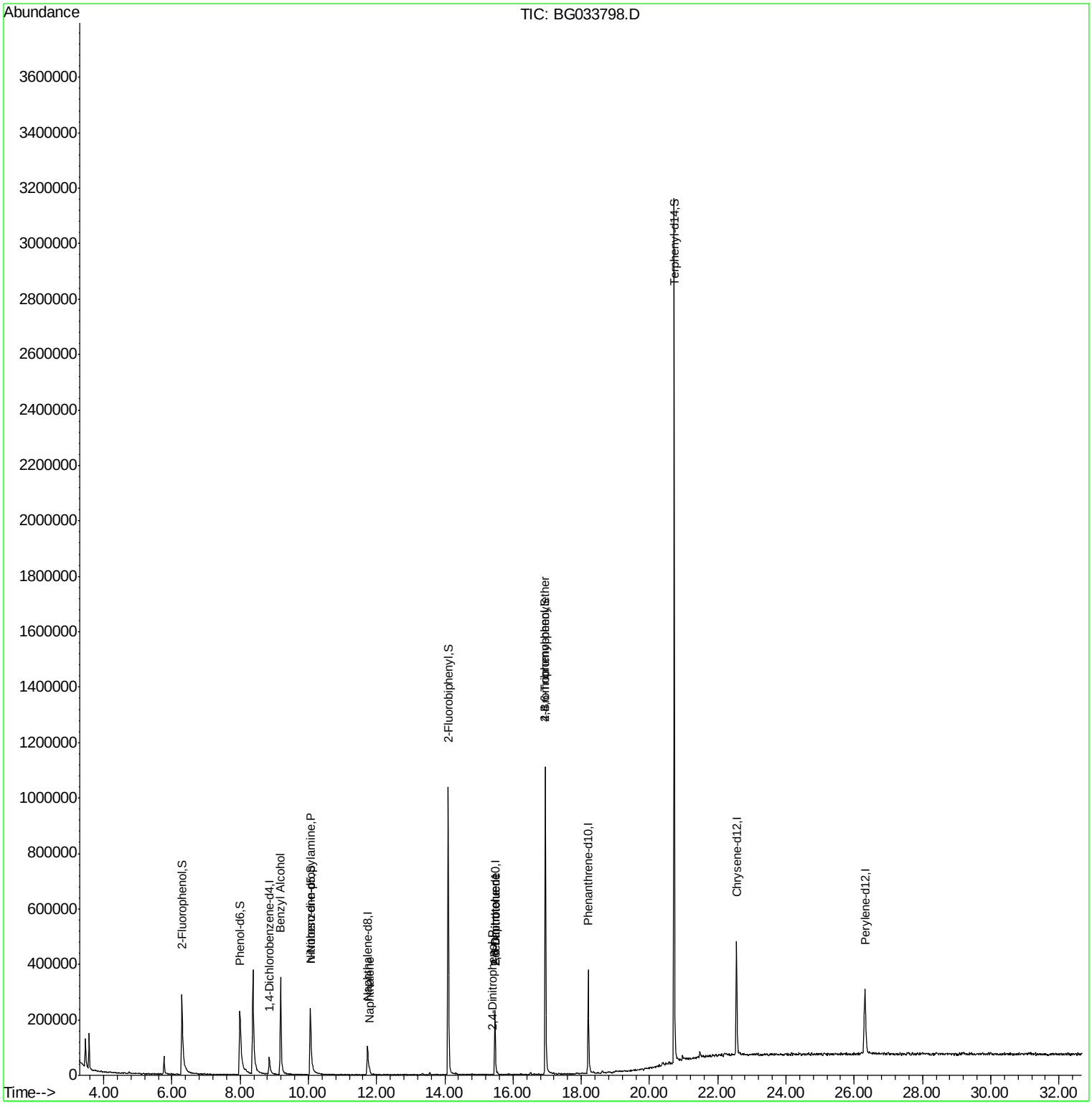
(#) = qualifier out of range (m) = manual integration (+) = signals summed

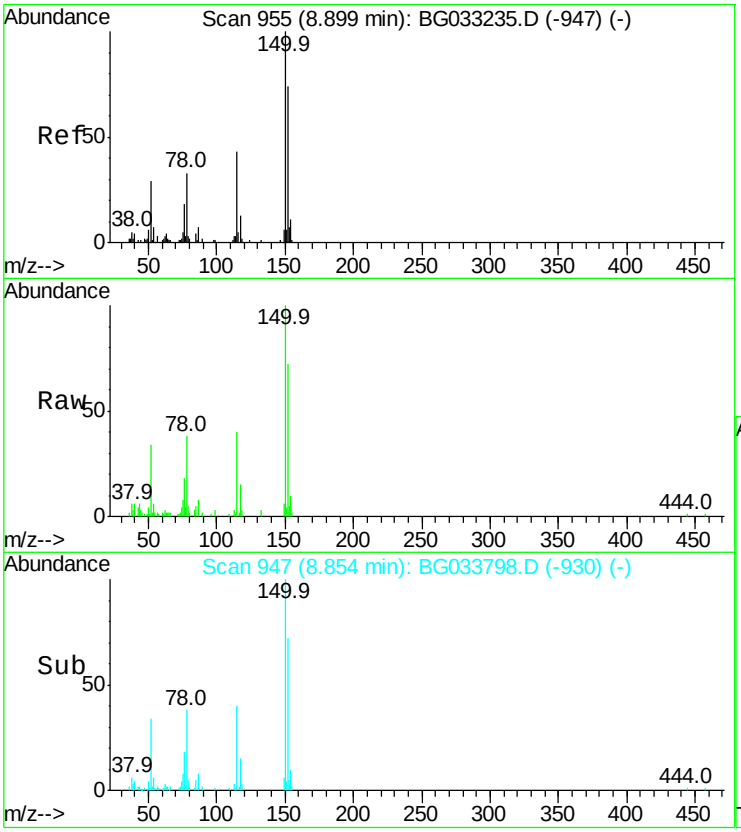
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
Data File : BG033798.D
Acq On : 13 Apr 2018 16:11
Operator : SJ/JU
Sample : J2163-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 14 00:49:23 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



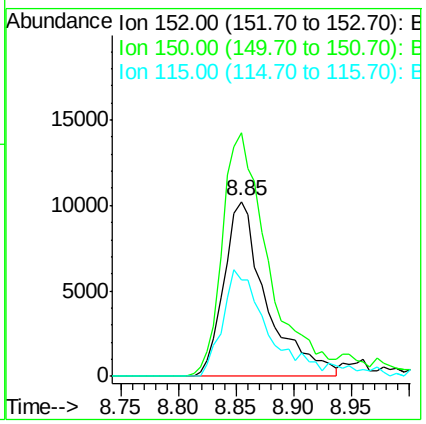


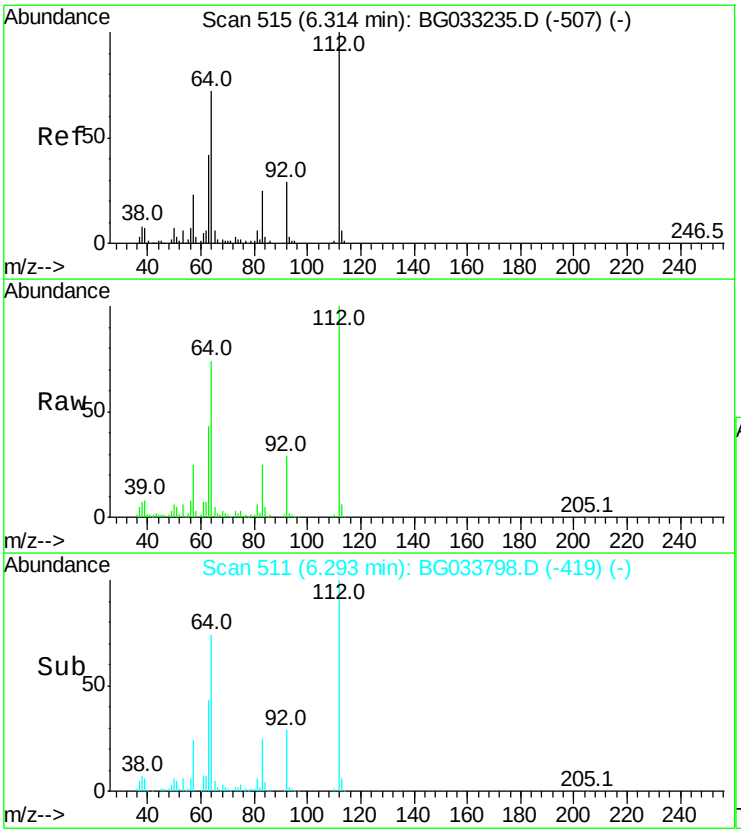

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion:152 Resp: 26330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 139.1 | 126.6 | 189.8 |
| 115 | 55.1 | 53.0 | 79.4 |

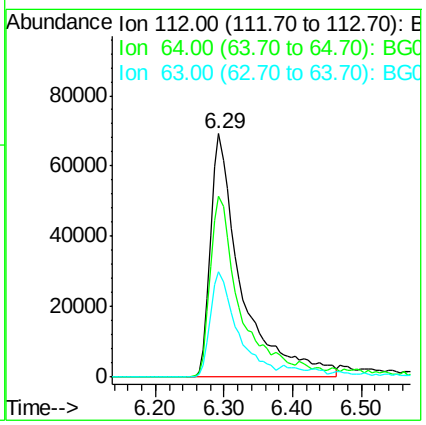


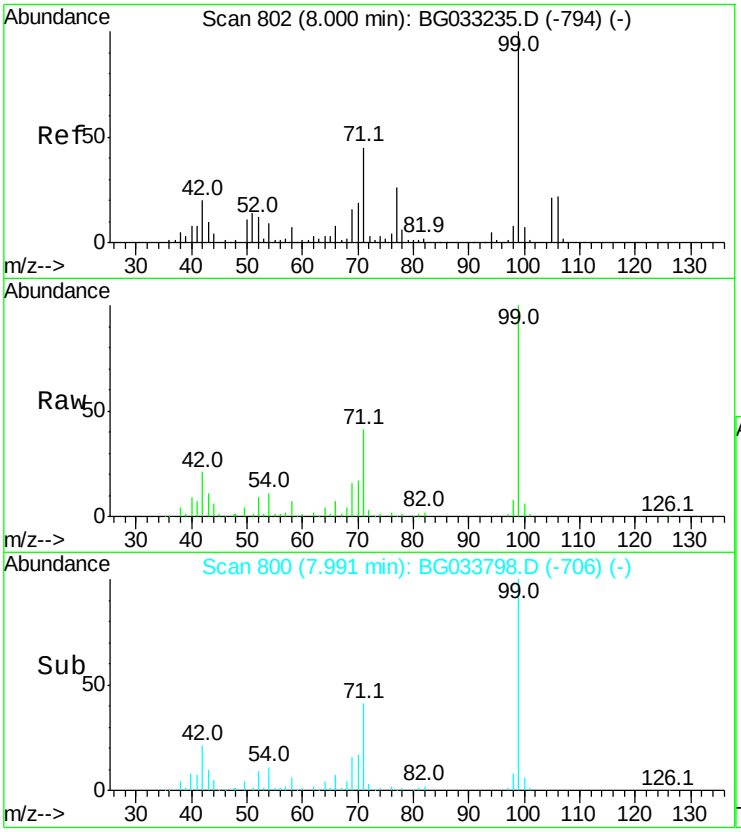




#5
2-Fluorophenol
Concen: 154.065 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion:112 Resp: 216335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.4 | 56.3 | 84.5 |
| 63 | 43.5 | 30.1 | 45.1 |



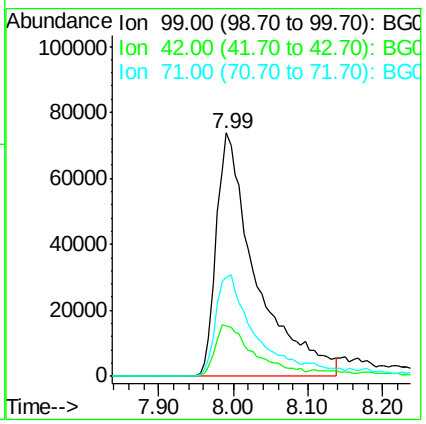


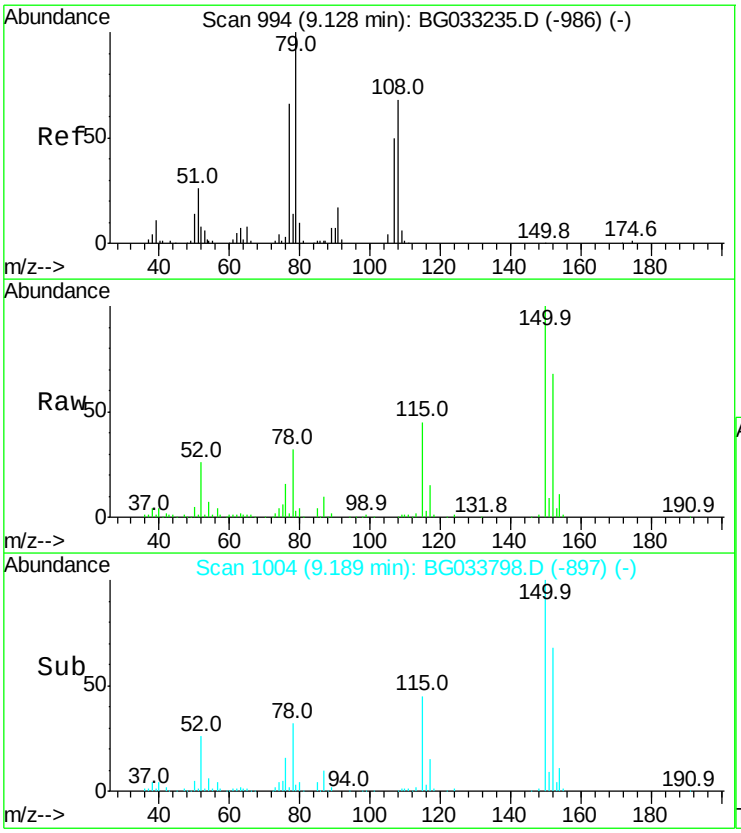

#7
Phenol-d6
Concen: 113.258 ng
RT: 7.99 min Scan# 800
Delta R.T. 0.02 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion: 99 Resp: 273253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.8 | 14.1 | 21.1 |
| 71 | 40.8 | 26.1 | 39.1# |

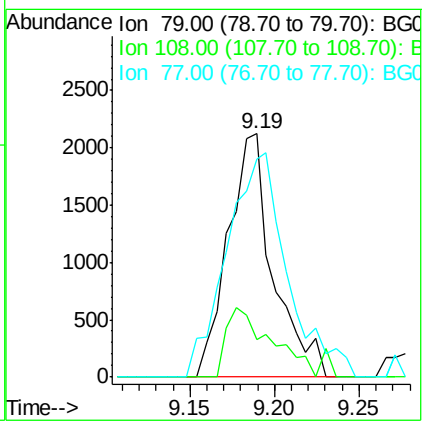


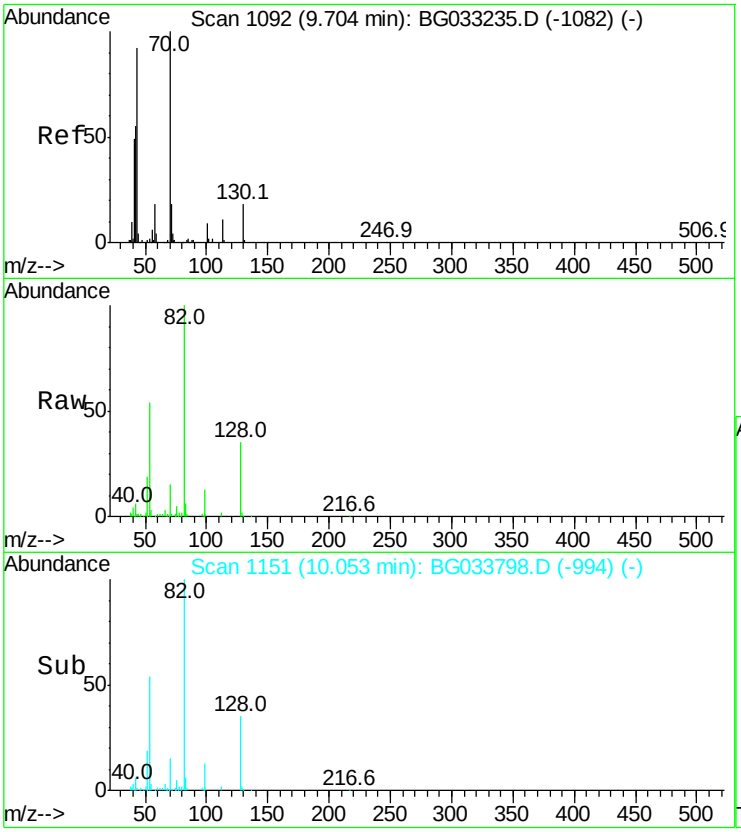




#15
Benzyl Alcohol
Concen: 2.069 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.10 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion: 79 Resp: 3931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 15.5 | 57.2 | 85.8# |
| 77 | 89.4 | 46.1 | 69.1# |



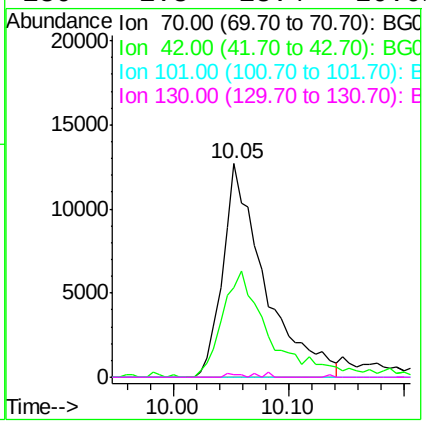


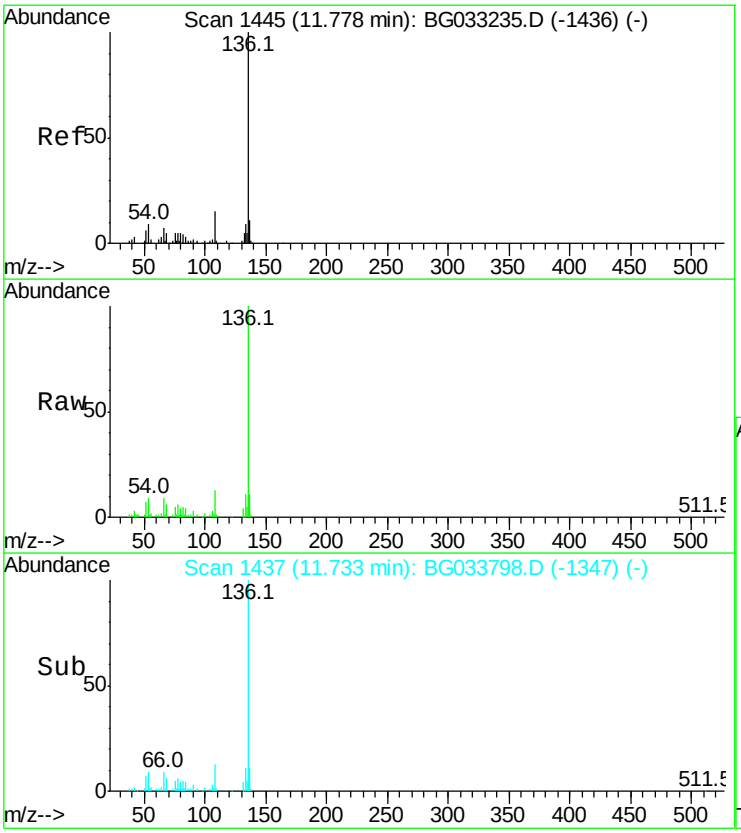

#19
n-Nitroso-di-n-propylamine
Concen: 18.075 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion: 70 Resp: 31955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 42.2 | 49.1 | 73.7# |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 1.3 | 13.4 | 20.0# |

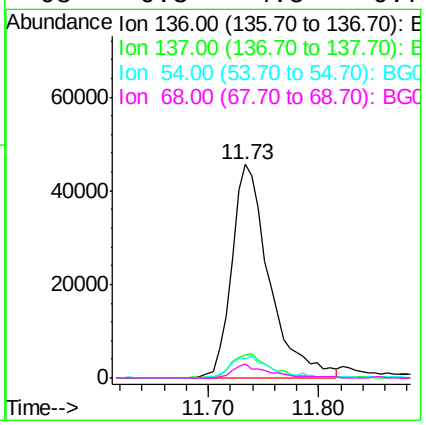


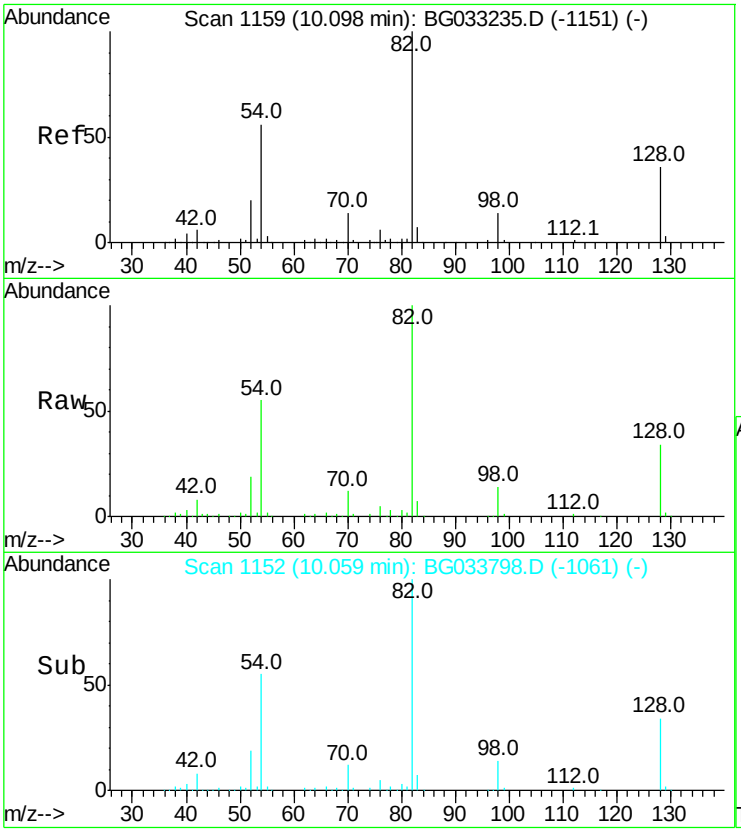




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion:136 Resp: 108765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.2 | 13.8 |
| 54 | 9.1 | 10.3 | 15.5# |
| 68 | 6.3 | 4.5 | 6.7 |



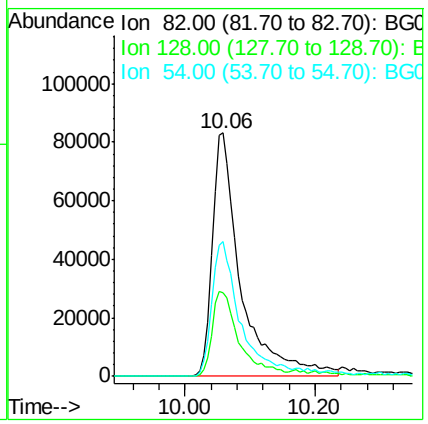


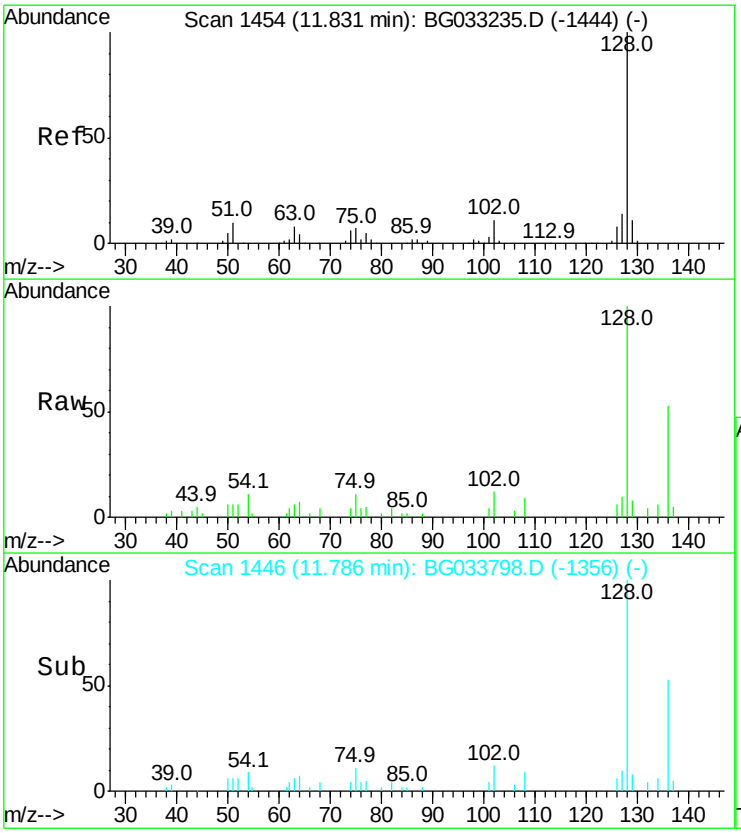

#23
Nitrobenzene-d5
Concen: 107.062 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion: 82 Resp: 253452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.4 | 29.7 | 44.5 |
| 54 | 55.3 | 43.1 | 64.7 |

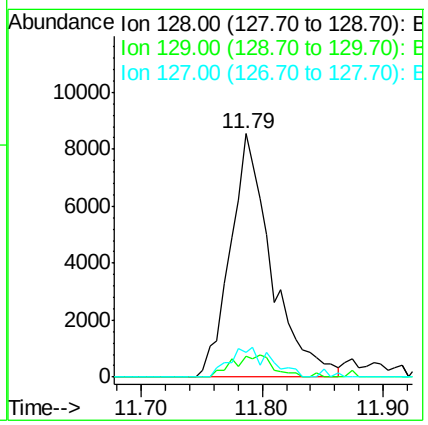


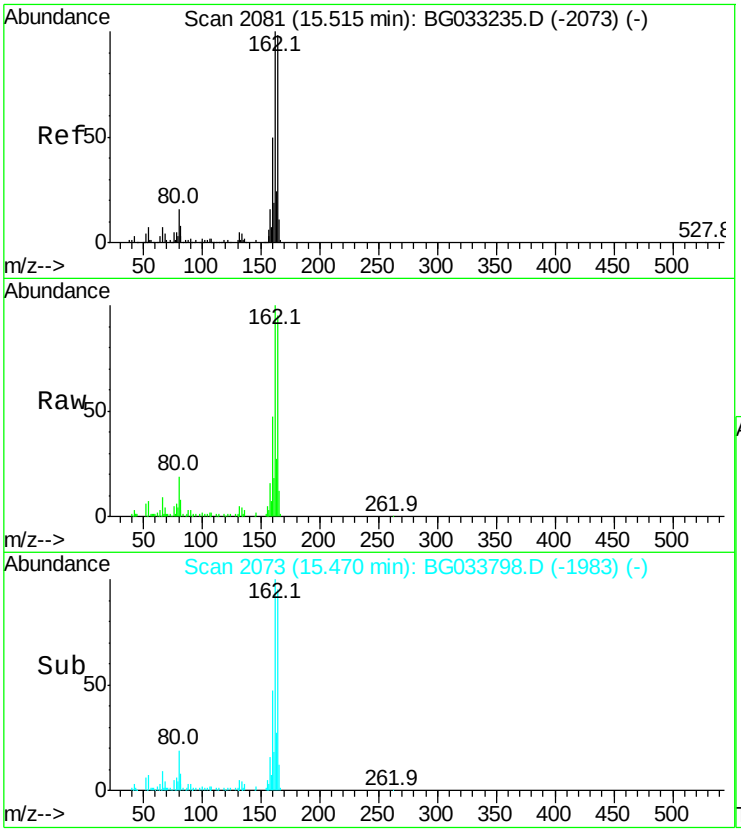




#31
Naphthalene
Concen: 3.560 ng
RT: 11.79 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion:128 Resp: 20066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 8.4 | 8.6 | 12.8# |
| 127 | 10.3 | 11.6 | 17.4# |



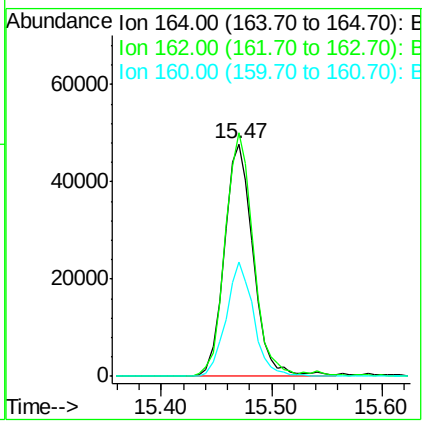


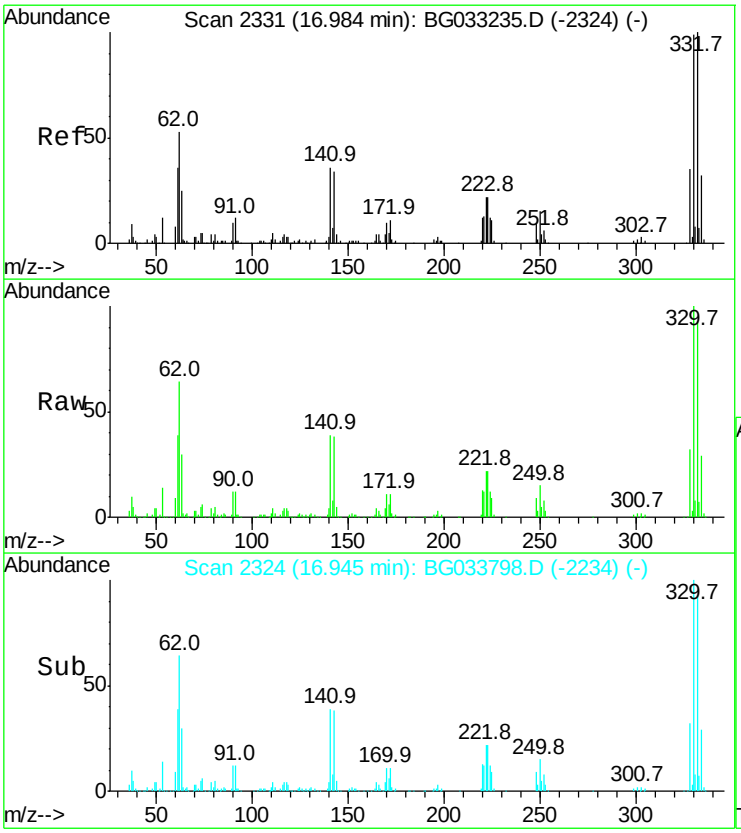

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion:164 Resp: 87534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.8 | 78.8 | 118.2 |
| 160 | 49.3 | 35.4 | 53.0 |

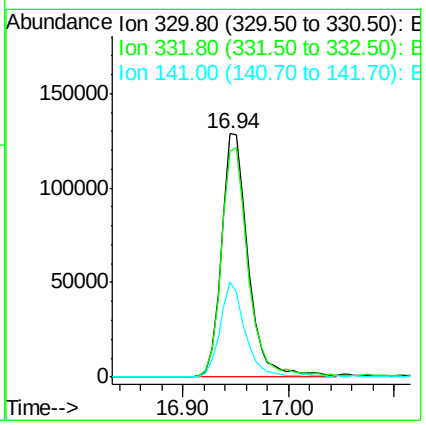


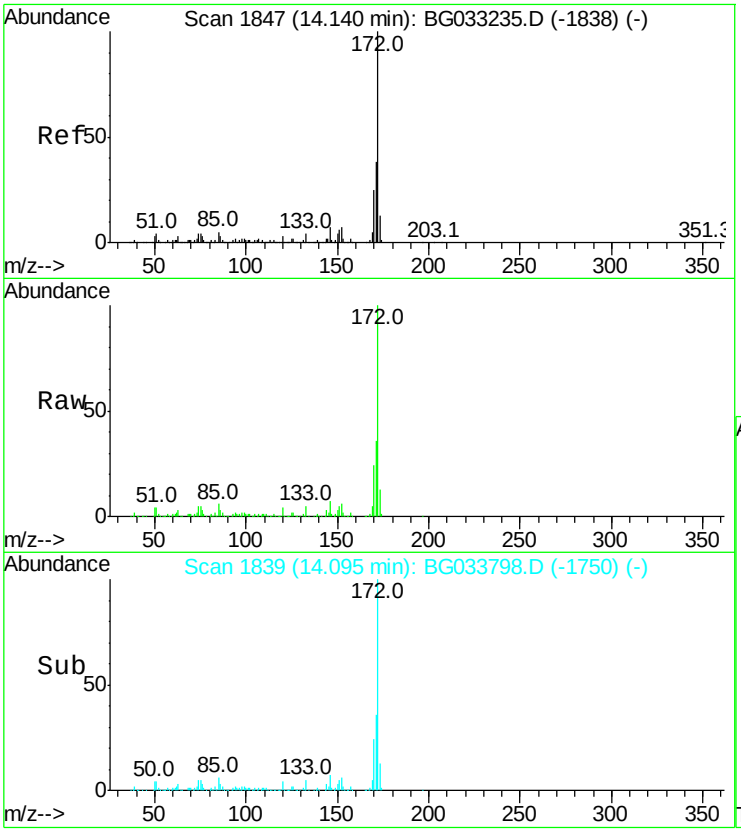




#41
2,4,6-Tribromophenol
Concen: 170.922 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion:330 Resp: 223767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 77.0 | 115.6 |
| 141 | 37.6 | 25.2 | 37.8 |



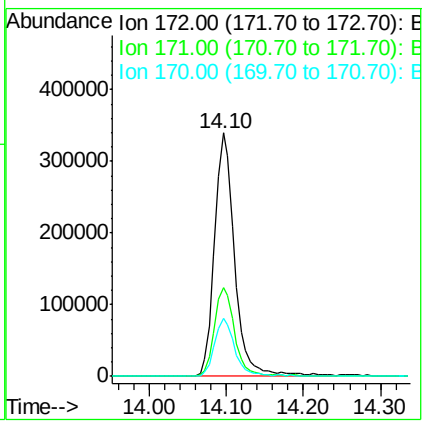


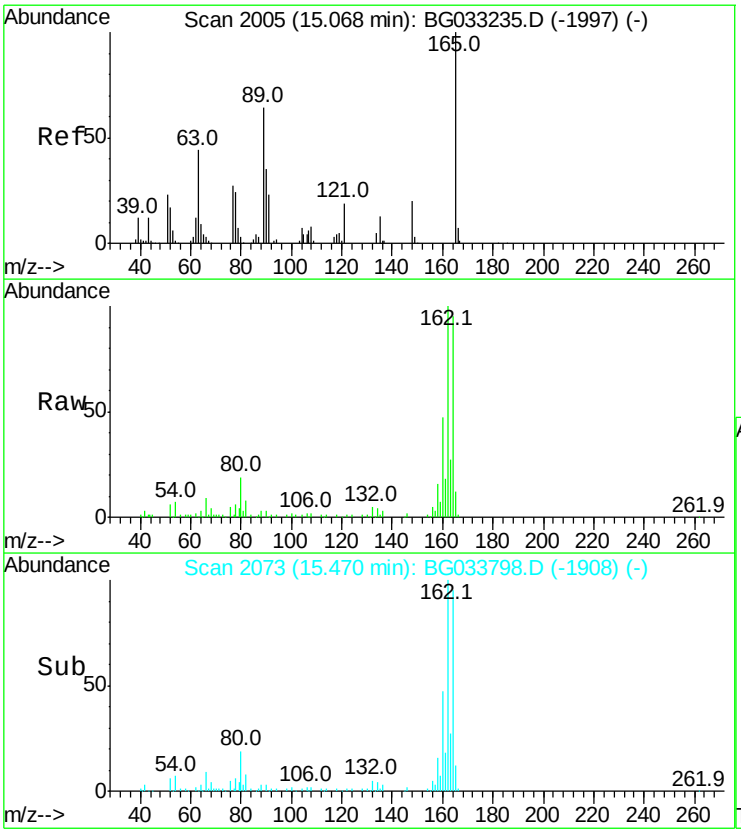

#44
2-Fluorobiphenyl
Concen: 100.983 ng
RT: 14.10 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion:172 Resp: 612304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 30.0 | 45.0 |
| 170 | 24.0 | 19.5 | 29.3 |

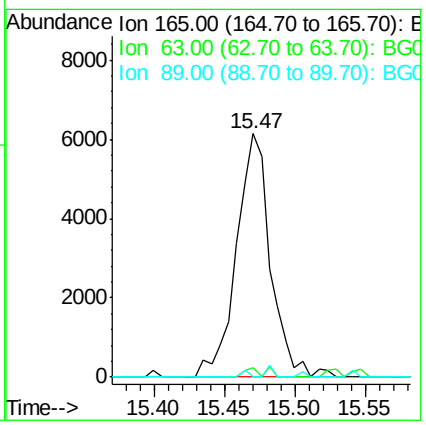


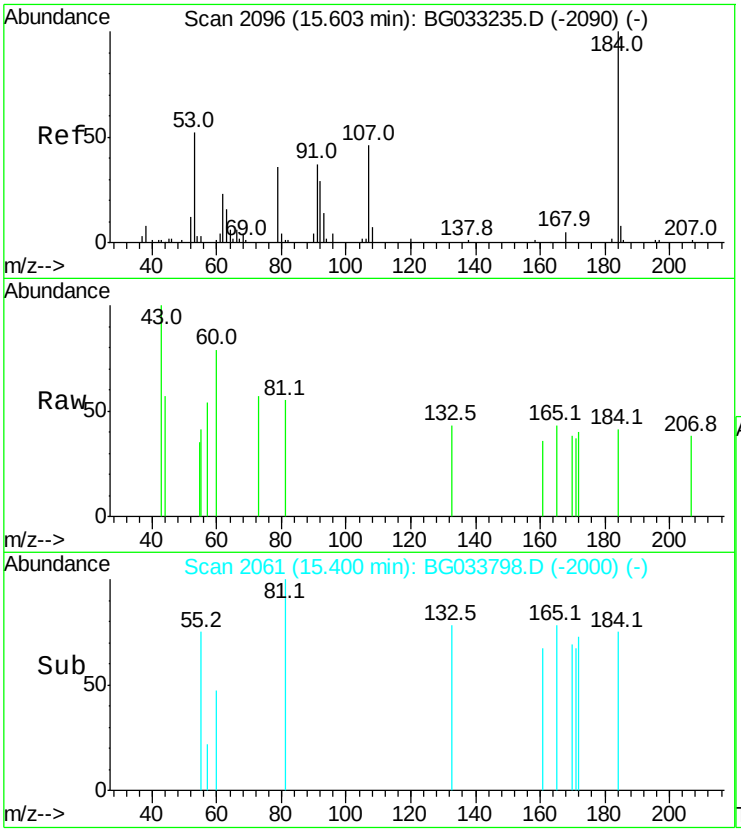




#50
2,6-Dinitrotoluene
Concen: 6.656 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion:165 Resp: 10368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 4.0 | 52.7 | 79.1# |
| 89 | 0.0 | 49.2 | 73.8# |



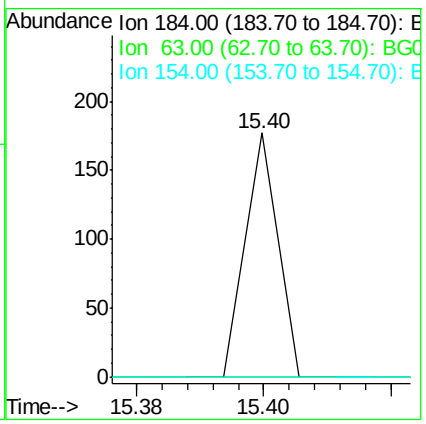


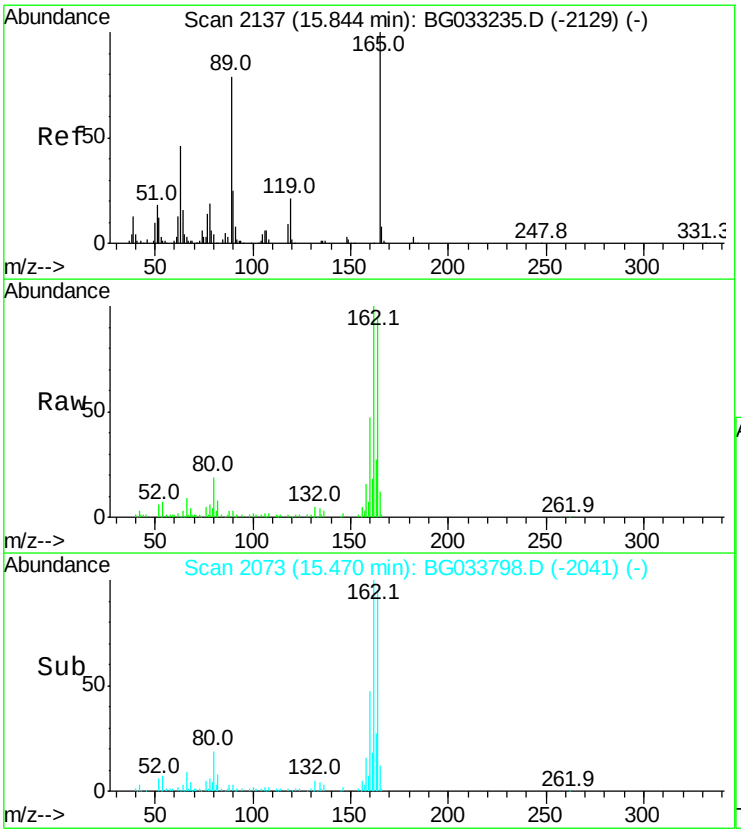

#53
2,4-Dinitrophenol
Concen: 7.712 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.17 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion:184 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 59.8 | 89.8# |
| 154 | 0.0 | 101.8 | 152.8# |

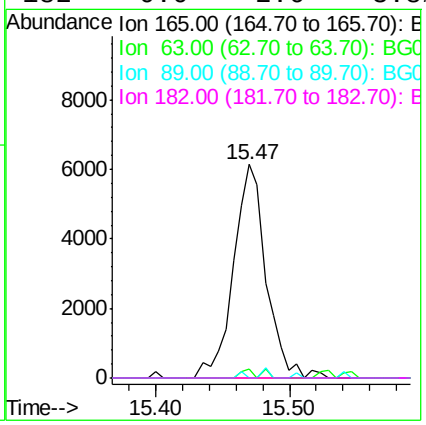


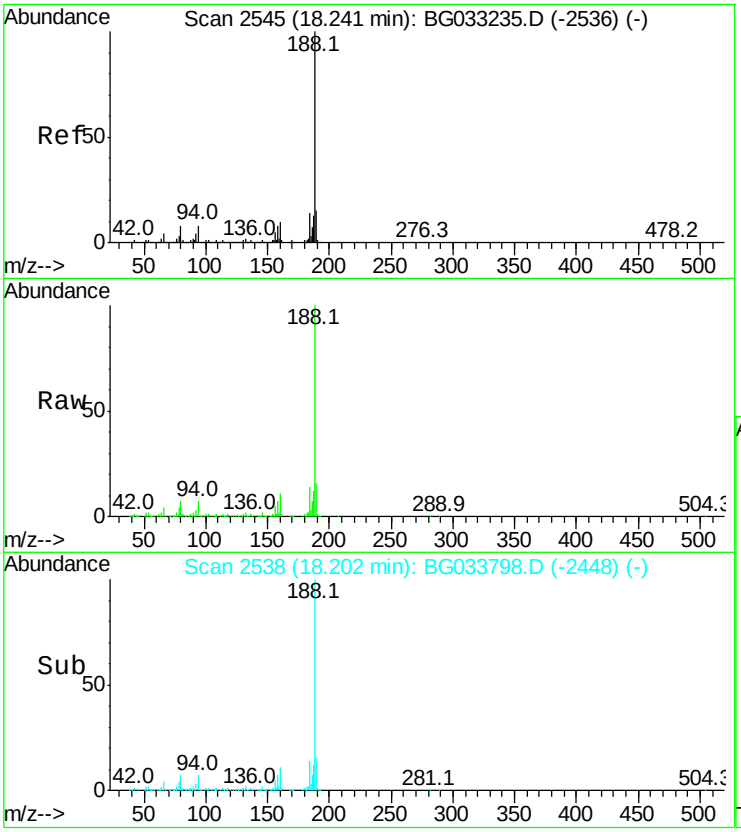




#56
2,4-Dinitrotoluene
Concen: 4.520 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.34 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion:165 Resp: 10367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 4.0 | 42.0 | 63.0# |
| 89 | 0.0 | 66.9 | 100.3# |
| 182 | 0.0 | 2.6 | 3.8# |



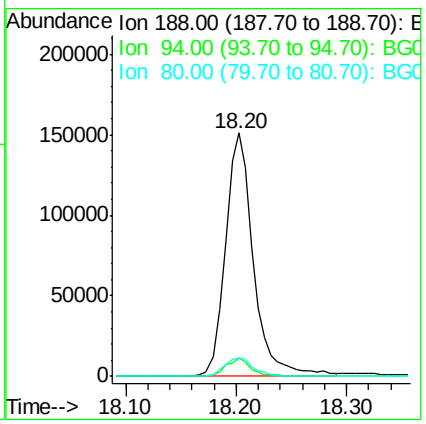


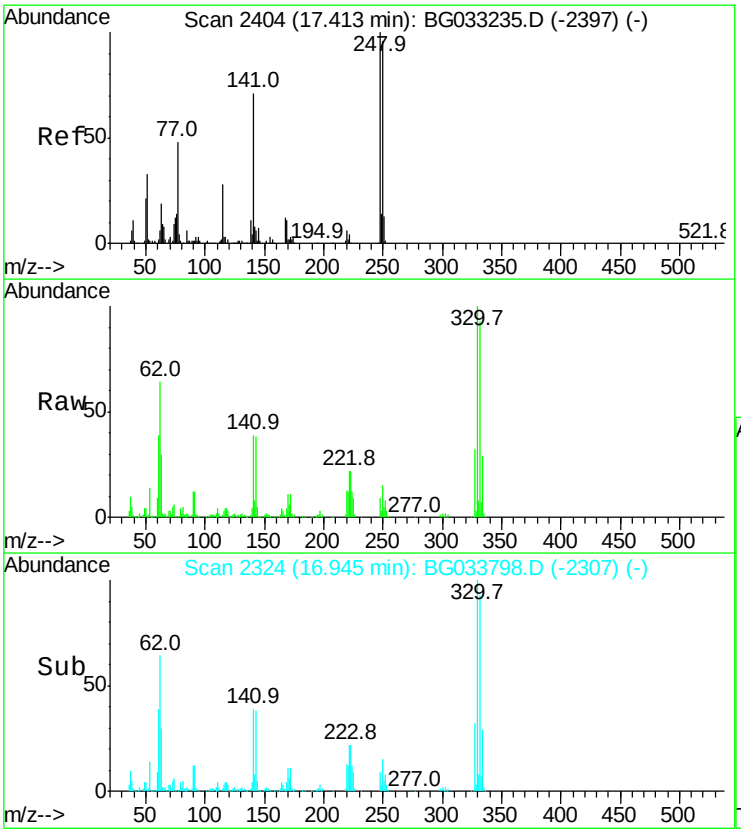

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion:188 Resp: 268048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 6.9 | 10.3 |
| 80 | 7.4 | 7.7 | 11.5# |

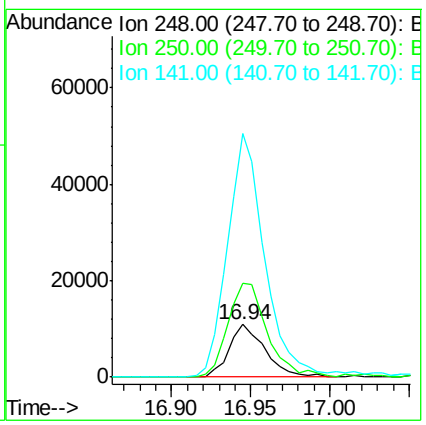


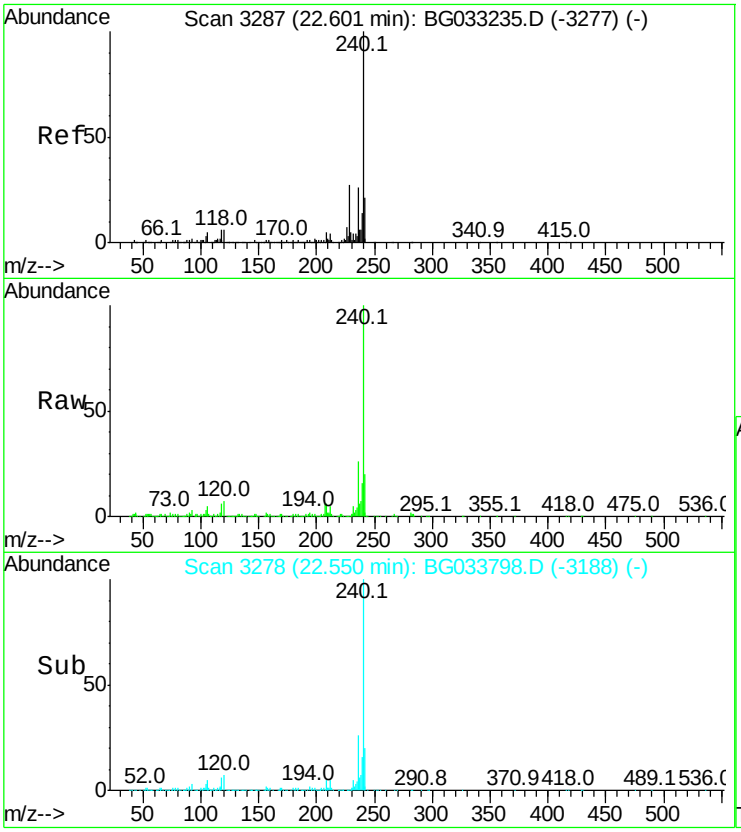




#66
4-Bromophenyl-phenylether
Concen: 5.473 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion:248 Resp: 17229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 178.7 | 77.1 | 115.7# |
| 141 | 460.8 | 50.8 | 76.2# |



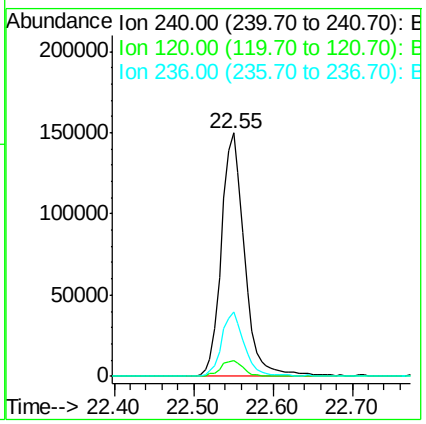


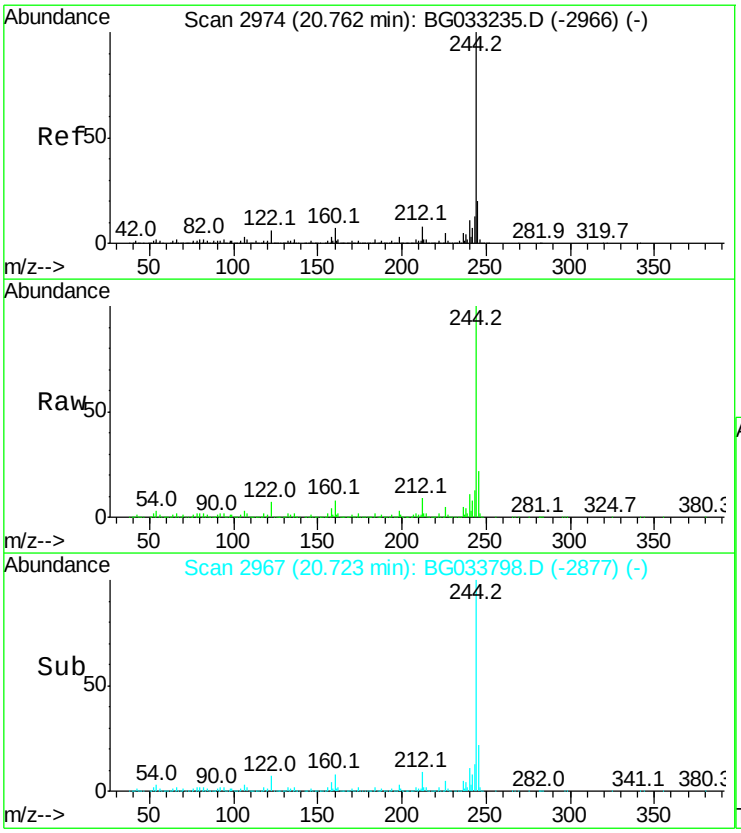

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion:240 Resp: 302958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.7 | 6.8 | 10.2# |
| 236 | 26.3 | 20.9 | 31.3 |

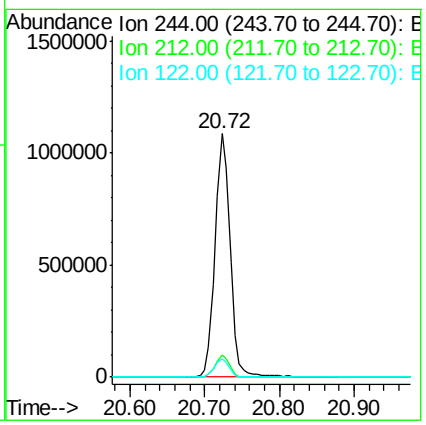


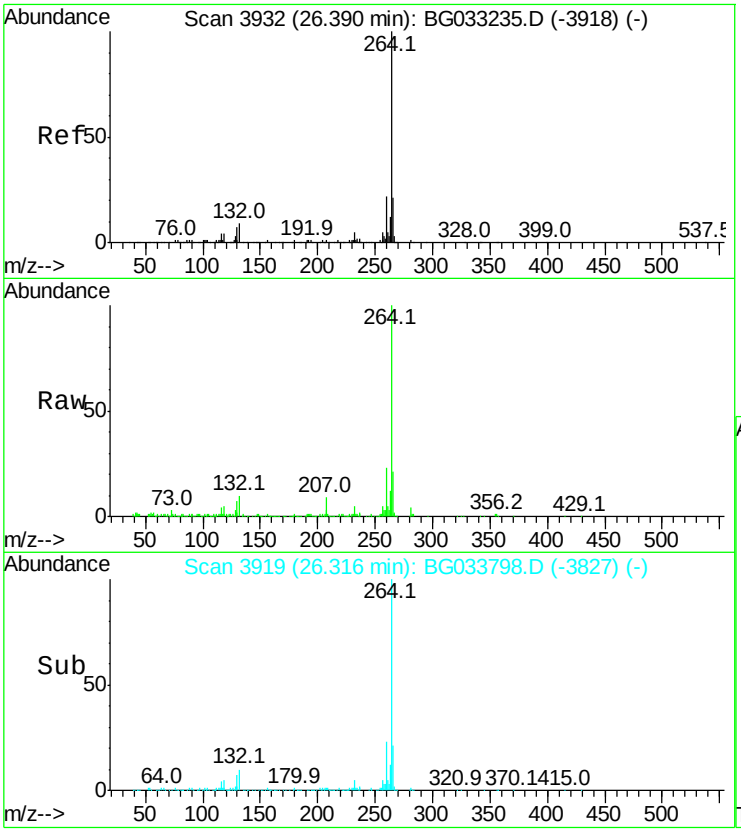




#78
Terphenyl-d14
Concen: 107.330 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion:244 Resp: 1520455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.0 | 5.8 | 8.8# |
| 122 | 7.5 | 7.0 | 10.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

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

Tgt Ion:264 Resp: 320415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.5 | 17.4 | 26.0 |
| 265 | 20.9 | 17.7 | 26.5 |