Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036978.D
Acq On : 26 Sep 2018 12:01
Operator : JU/SJ
Sample : J4870-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Sep 26 13:54:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 45260 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.85 | 136 | 182784 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.67 | 164 | 111316 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.41 | 188 | 283041 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.68 | 240 | 281822 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.89 | 264 | 286982 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 338062 | 143.25 | ng | | 0.00 |
| 7) Phenol-d6 | 7.21 | 99 | 468219 | 128.23 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.20 | 82 | 311515 | 91.27 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 179823 | 135.02 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 13.29 | 172 | 684957 | 91.65 | ng | | -0.01 |
| 78) Terphenyl-d14 | 20.02 | 244 | 1135889 | 105.98 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.84 | 42 | 102728 | 74.125 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.94 | 146 | 313369 | 93.277 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.94 | 146 | 313369 | 91.149 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.40 | 146 | 184497 | 55.377 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56 | 45 | 690408 | 103.166 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.85 | 70 | 327421 | 107.792 | ng | | 97 |
| 24) Nitrobenzene | 9.25 | 77 | 162551 | 44.595 | ng | | 96 |
| 25) Isophorone | 9.76 | 82 | 455735 | 73.072 | ng | | 100 |
| 26) 2-Nitrophenol | 9.77 | 139 | 7153 | 4.923 | ng | # | 57 |
| 30) 1,2,4-Trichlorobenzene | 10.71 | 180 | 168139 | 51.212 | ng | | 99 |
| 31) Naphthalene | 10.90 | 128 | 1177299 | 135.368 | ng | | 98 |
| 32) Benzoic acid | 9.75 | 122 | 277 | 5.959 | ng | # | 1 |
| 33) 4-Chloroaniline | 10.90 | 127 | 166905 | 42.209 | ng | # | 34 |
| 40) Hexachlorocyclopentadiene | 12.84 | 237 | 156565 | 78.409 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.55 | 162 | 281035 | 41.918 | ng | | 99 |
| 48) Acenaphthylene | 14.39 | 152 | 1070352 | 101.882 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.67 | 165 | 14247 | 7.288 | ng | # | 24 |
| 51) Acenaphthene | 14.73 | 154 | 579911 | 91.332 | ng | | 98 |
| 55) 4-Nitrophenol | 14.73 | 139 | 4677 | 3.554 | ng | # | 12 |
| 56) 2,4-Dinitrotoluene | 14.67 | 165 | 14247 | 5.223 | ng | # | 22 |
| 57) Fluorene | 15.72 | 166 | 1080833 | 134.644 | ng | | 96 |
| 59) Diethylphthalate | 15.48 | 149 | 651225 | 72.060 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204 | 104362 | 20.529 | ng | | 99 |
| 61) 4-Nitroaniline | 15.72 | 138 | 14153 | 6.531 | ng | # | 15 |
| 62) Azobenzene | 15.71 | 77 | 45791 | 5.273 | ng | # | 19 |
| 67) Hexachlorobenzene | 16.72 | 284 | 155026 | 46.754 | ng | | 96 |
| 70) Phenanthrene | 17.46 | 178 | 2000867 | 146.695 | ng | # | 92 |
| 71) Anthracene | 17.46 | 178 | 2000867 | 148.355 | ng | # | 91 |
| 73) Di-n-butylphthalate | 18.37 | 149 | 1758850 | 120.441 | ng | # | 96 |
| 74) Fluoranthene | 19.83 | 202 | 1583927 | 96.474 | ng | | 95 |
| 76) Benzidine | 20.02 | 184 | 19686 | 2.311 | ng | # | 94 |
| 77) Pyrene | 19.83 | 202 | 1585400 | 93.746 | ng | | 96 |
| 80) Benzo(a)anthracene | 21.67 | 228 | 1629475 | 99.049 | ng | | 96 |
| 82) Chrysene | 21.74 | 228 | 1951542 | 122.775 | ng | | 90 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036978.D
Acq On : 26 Sep 2018 12:01
Operator : JU/SJ
Sample : J4870-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Sep 26 13:54:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149 | 883314 | 93.801 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 28.53 | 276 | 846844 | 49.613 | ng | # | 90 |
| 87) Benzo(b)fluoranthene | 23.89 | 252 | 2476067 | 161.898 | ng | | 93 |
| 88) Benzo(k)fluoranthene | 23.95 | 252 | 333227 | 21.717 | ng | | 97 |
| 89) Benzo(a)pyrene | 24.76 | 252 | 2449813 | 165.686 | ng | | 96 |
| 90) Dibenzo(a,h)anthracene | 28.61 | 278 | 1010390 | 72.913 | ng | | 98 |

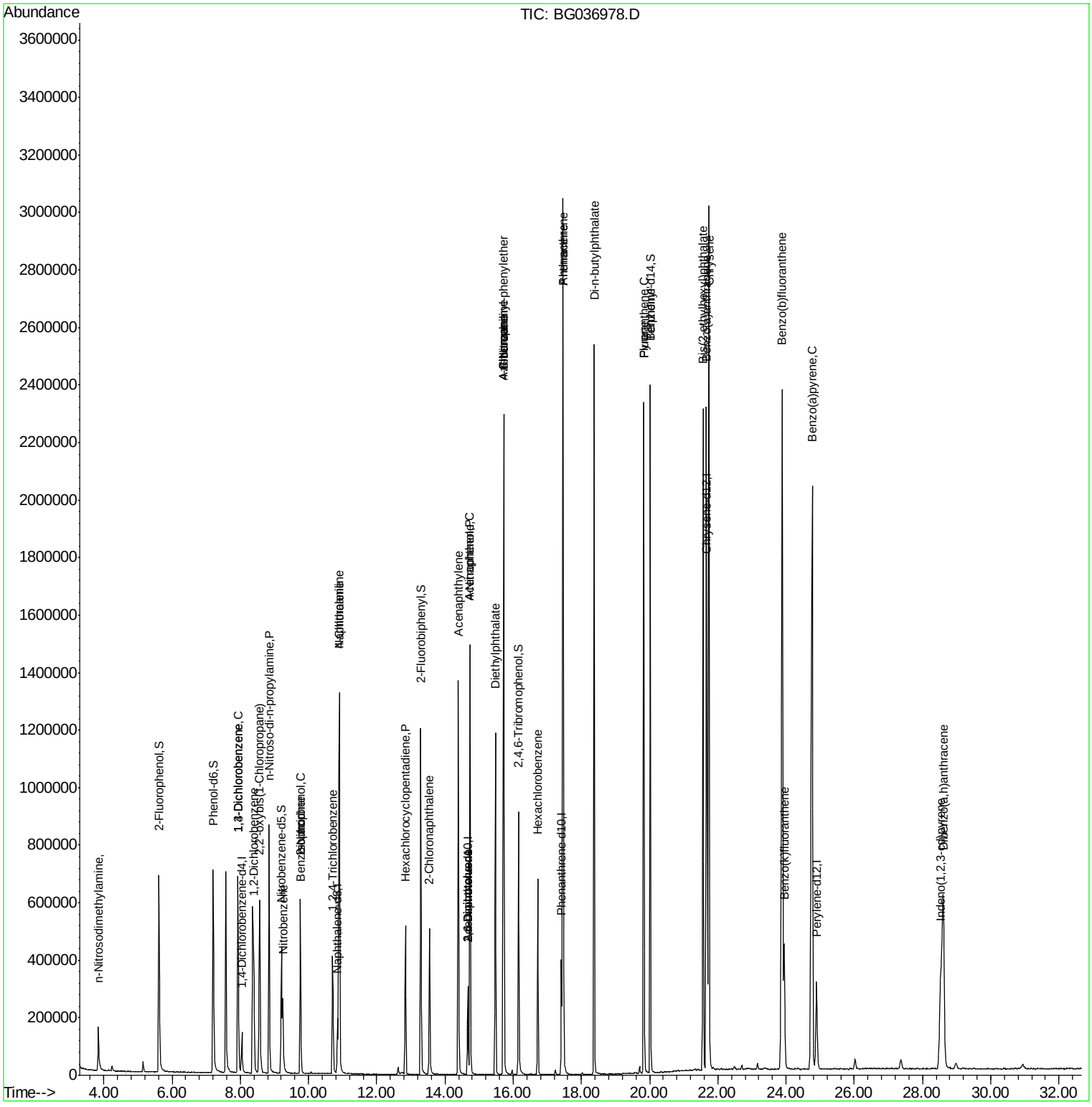
(#) = qualifier out of range (m) = manual integration (+) = signals summed

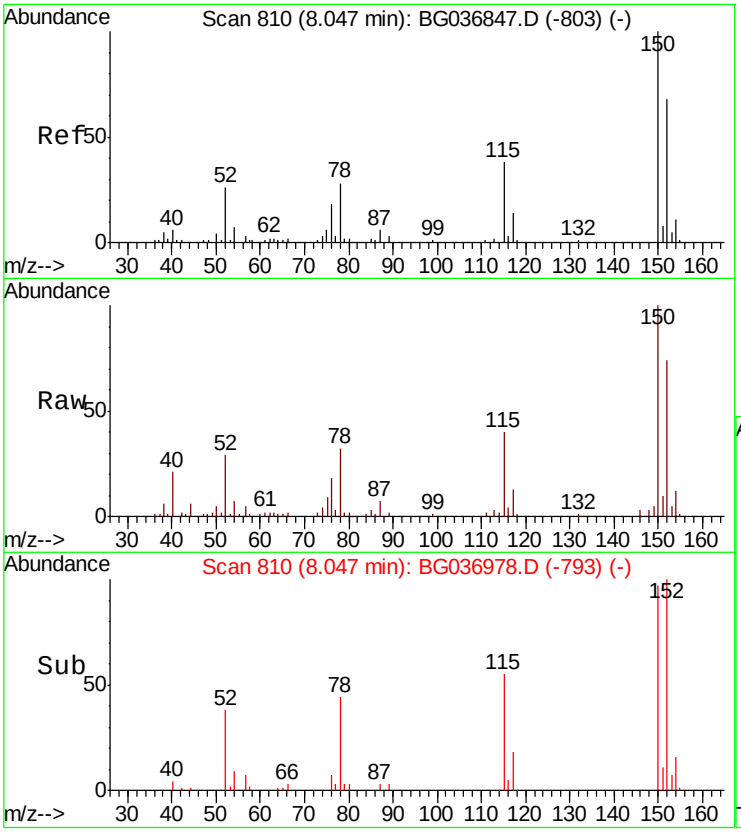
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036978.D
Acq On : 26 Sep 2018 12:01
Operator : JU/SJ
Sample : J4870-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Sep 26 13:54:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



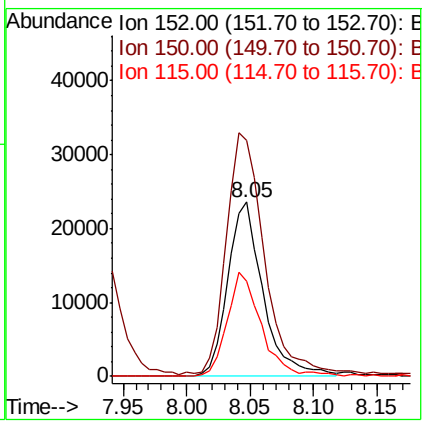


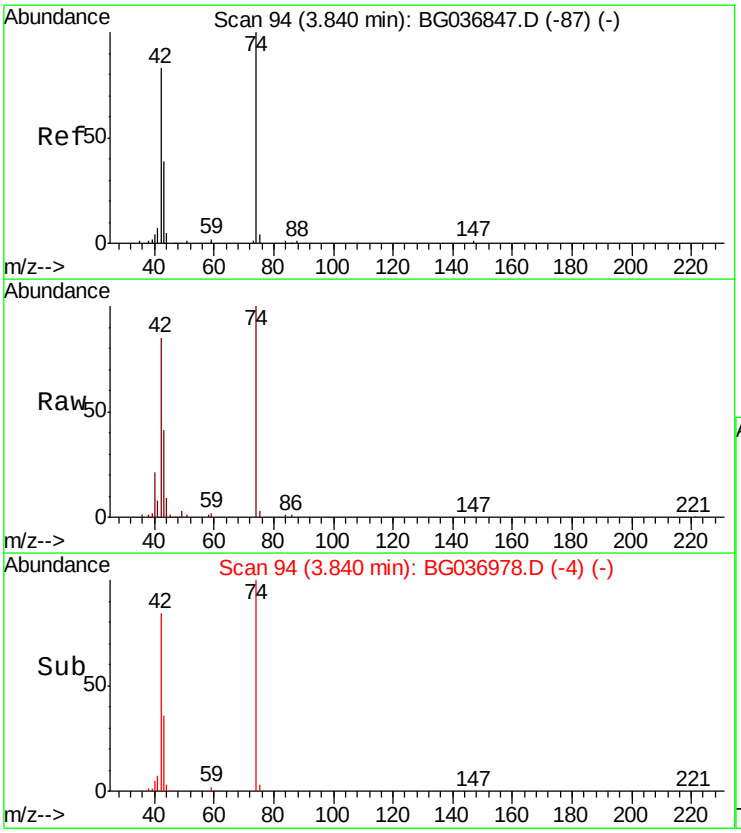

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 45260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 135.8 | 119.5 | 179.3 |
| 115 | 54.9 | 44.5 | 66.7 |

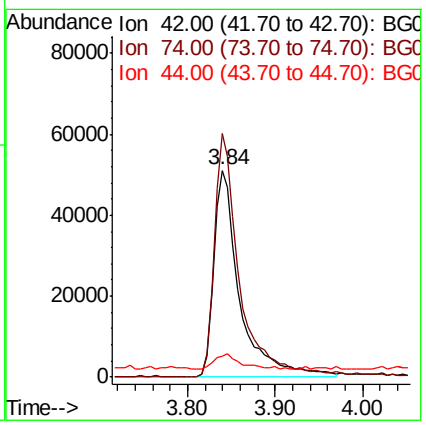


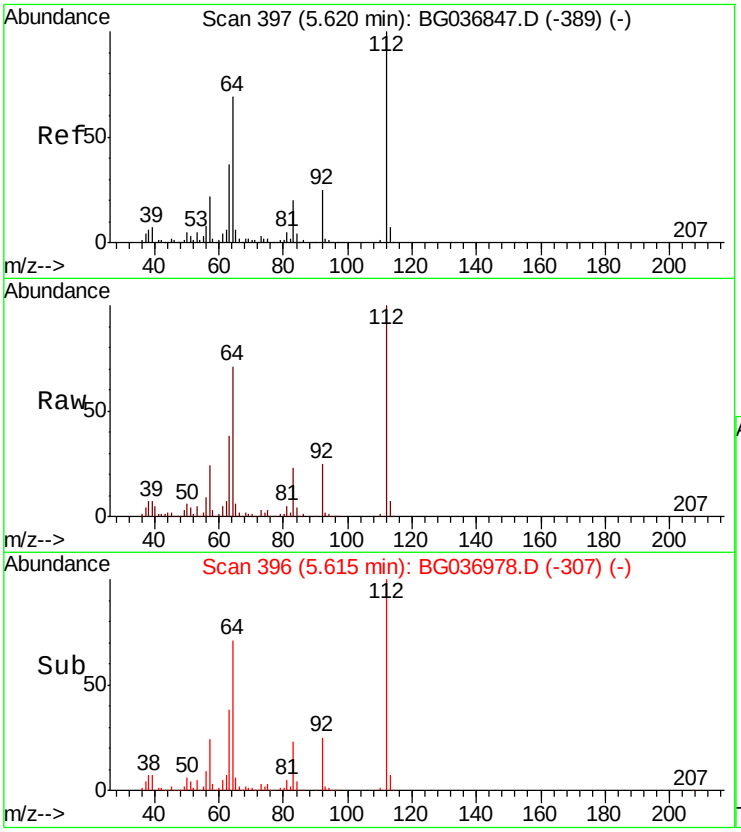




#4
n-Nitrosodimethylamine
Concen: 74.125 ng
RT: 3.84 min Scan# 94
Delta R.T. 0.00 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion: 42 Resp: 102728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 117.8 | 96.6 | 145.0 |
| 44 | 10.3 | 7.0 | 10.4 |



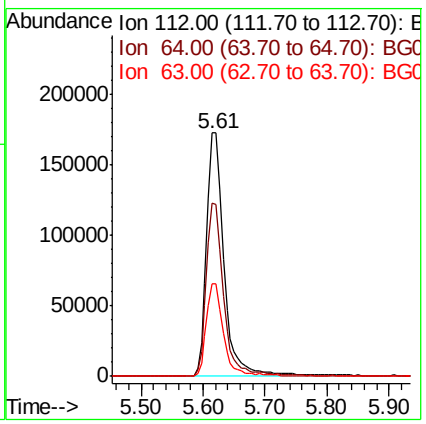


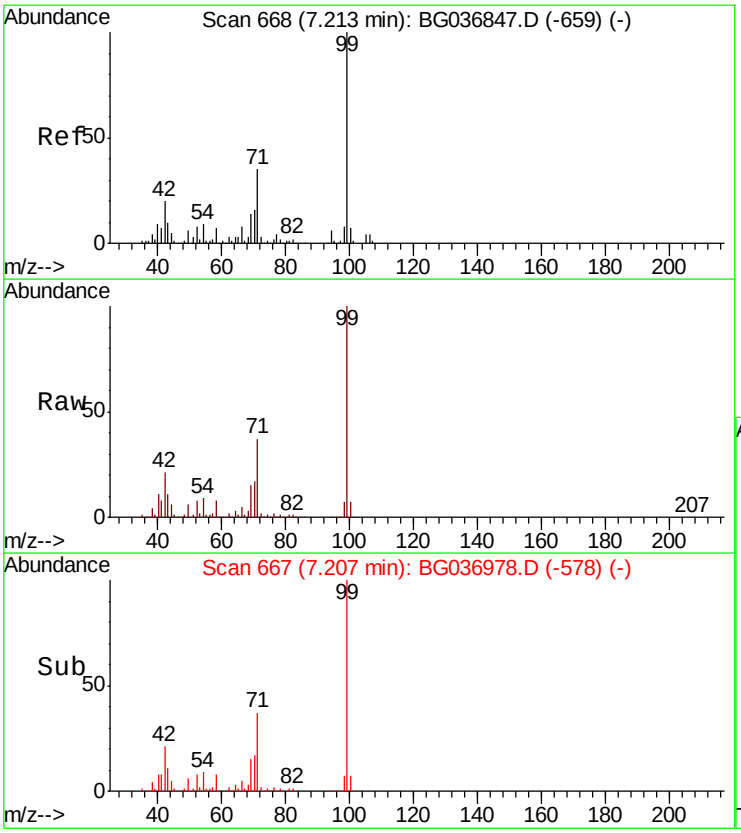

#5
2-Fluorophenol
Concen: 143.246 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:112 Resp: 338062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.3 | 57.2 | 85.8 |
| 63 | 38.2 | 30.8 | 46.2 |

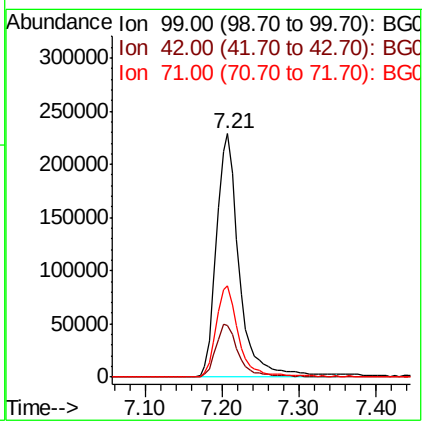


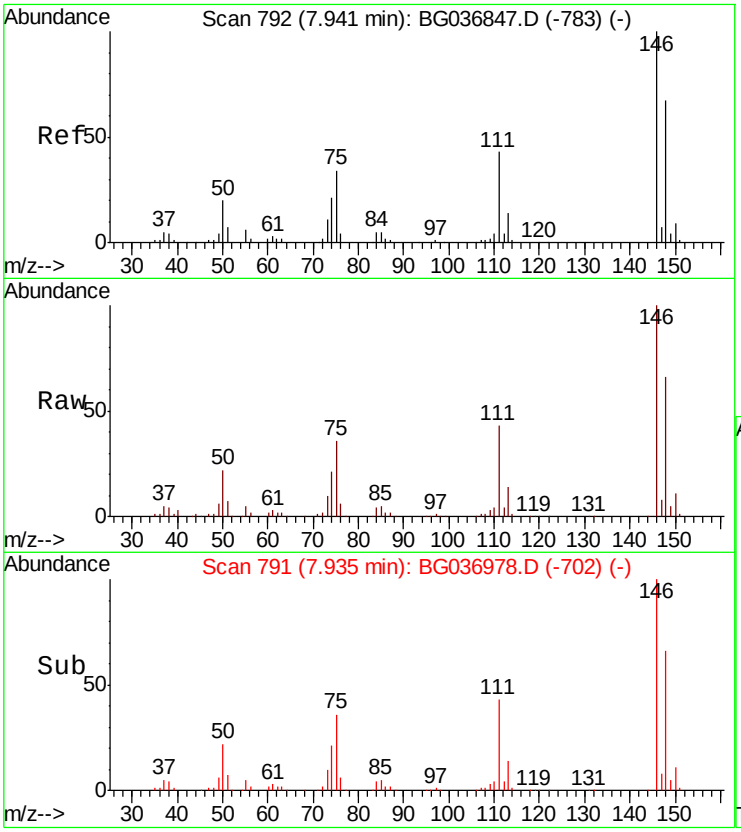




#7
Phenol-d6
Concen: 128.232 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion: 99 Resp: 468219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.5 | 16.5 | 24.7 |
| 71 | 37.3 | 29.4 | 44.2 |

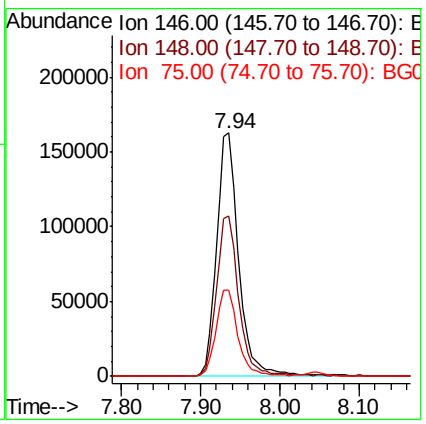




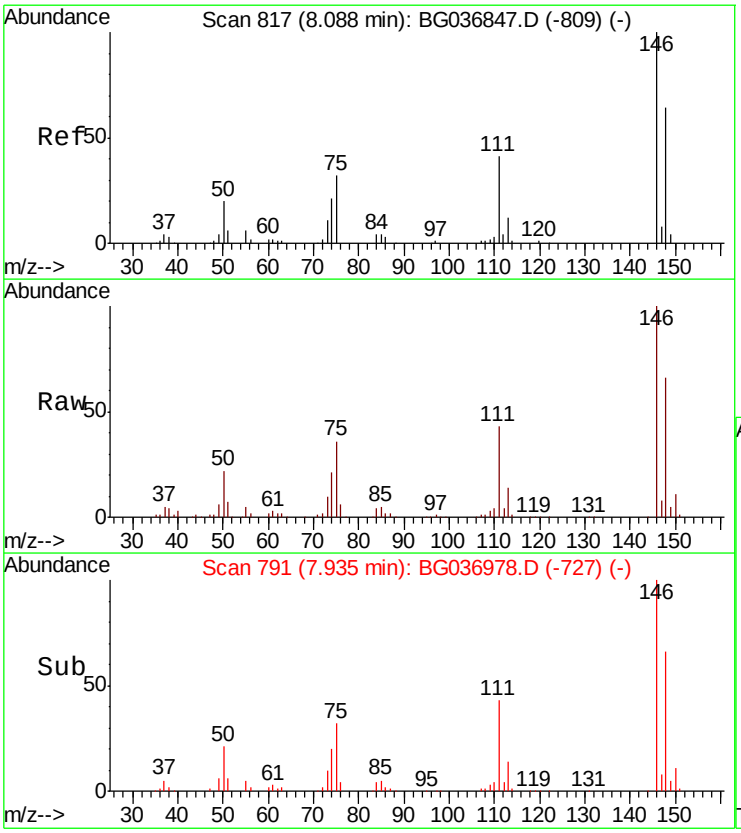

#12
1,3-Dichlorobenzene
Concen: 93.277 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:146 Resp: 313369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 53.8 | 80.6 |
| 75 | 35.6 | 27.2 | 40.8 |



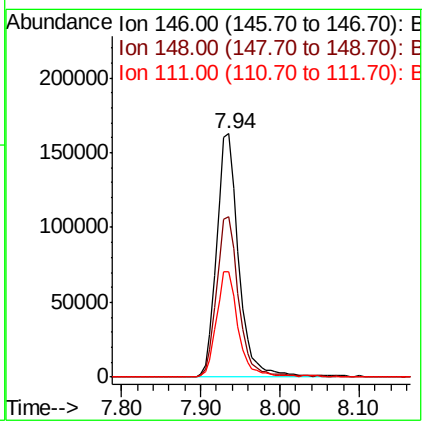

**Instrument :**
BNA_F
**ClientSampleId :**

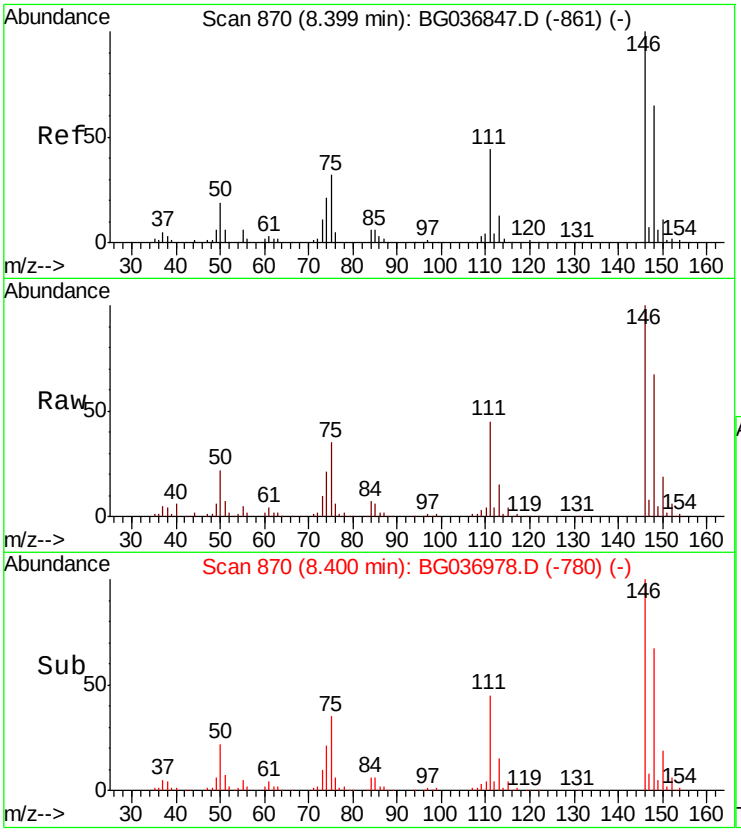



#13
1,4-Dichlorobenzene
Concen: 91.149 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.15 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:146 Resp: 313369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 53.9 | 80.9 |
| 111 | 43.4 | 33.8 | 50.6 |



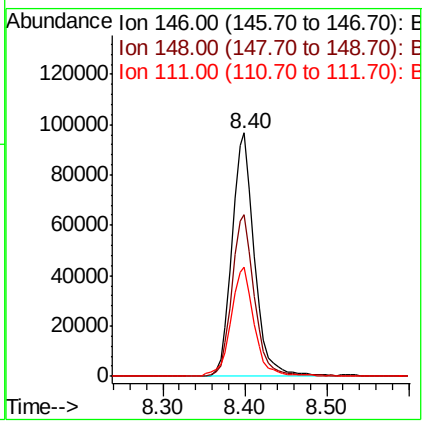


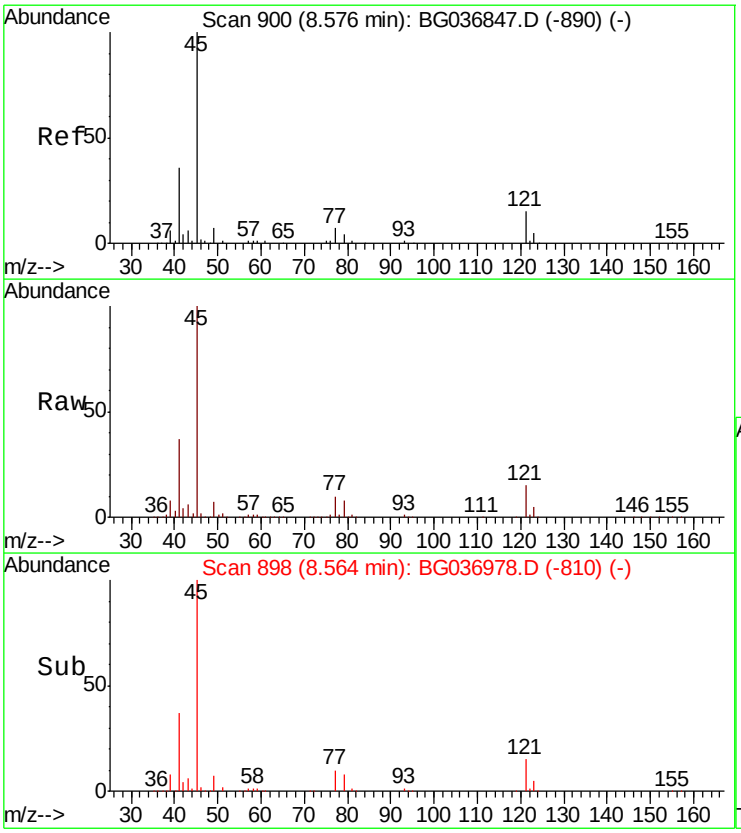

#14
1,2-Dichlorobenzene
Concen: 55.377 ng
RT: 8.40 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:146 Resp: 184497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.6 | 55.0 | 82.6 |
| 111 | 44.8 | 34.6 | 51.8 |

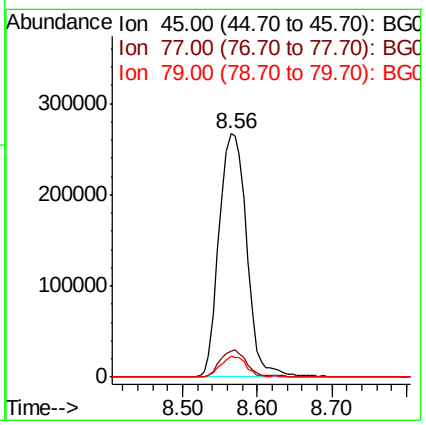


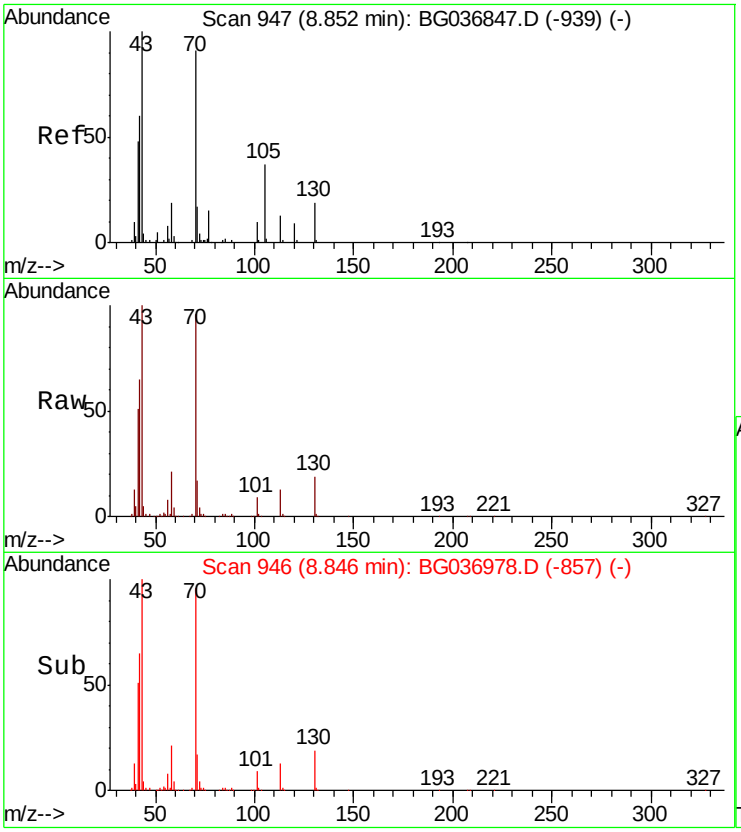




#16
2,2'-oxybis(1-Chloropropane)
Concen: 103.166 ng
RT: 8.56 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion: 45 Resp: 690408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.5 | 0.0 | 30.5 |
| 79 | 8.4 | 0.0 | 27.9 |



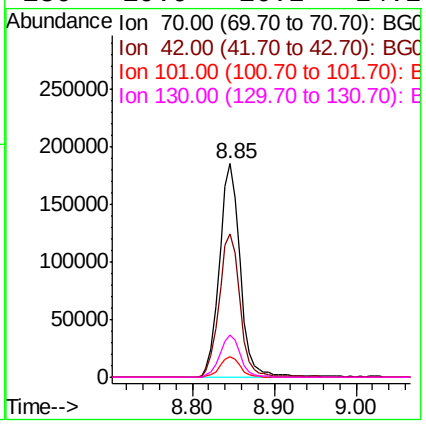


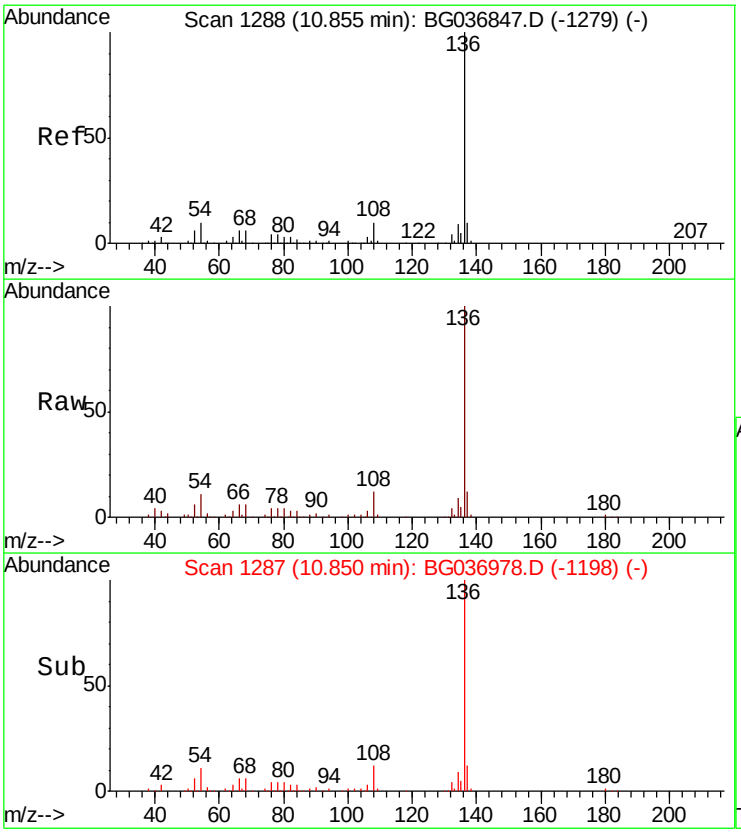

#19
n-Nitroso-di-n-propylamine
Concen: 107.792 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 70 Resp: 327421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.3 | 56.2 | 84.4 |
| 101 | 9.9 | 7.8 | 11.6 |
| 130 | 19.9 | 16.2 | 24.2 |

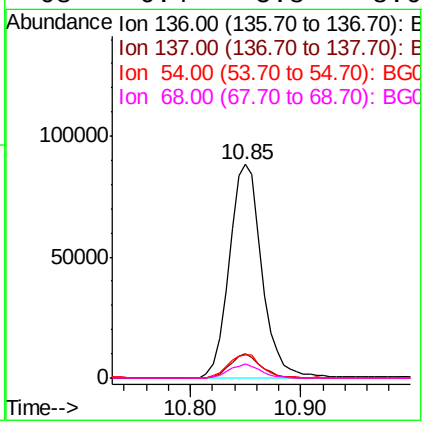


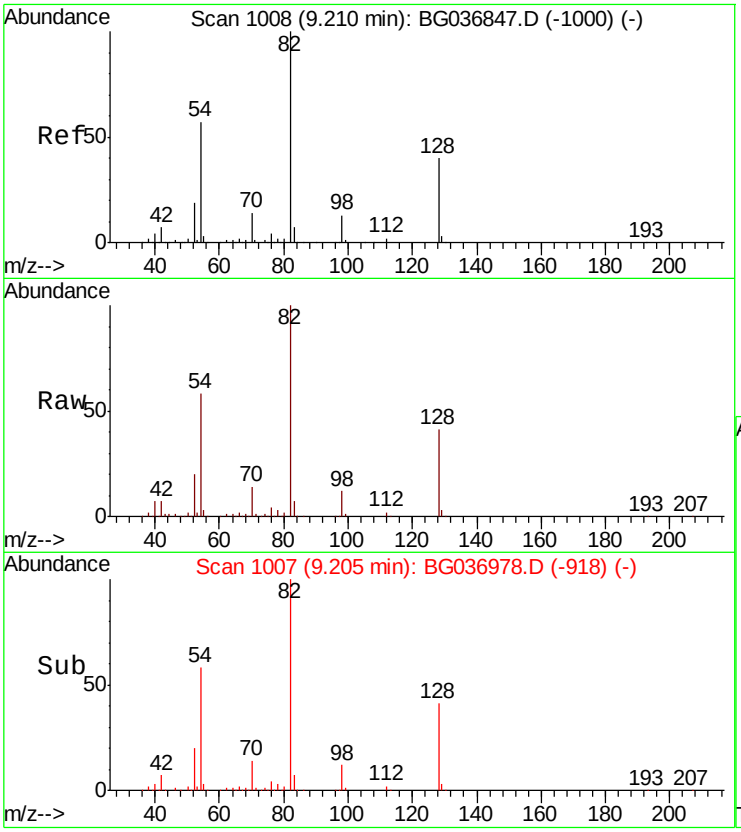




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:136 Resp: 182784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 8.8 | 13.2 |
| 54 | 10.9 | 9.2 | 13.8 |
| 68 | 6.4 | 5.8 | 8.6 |



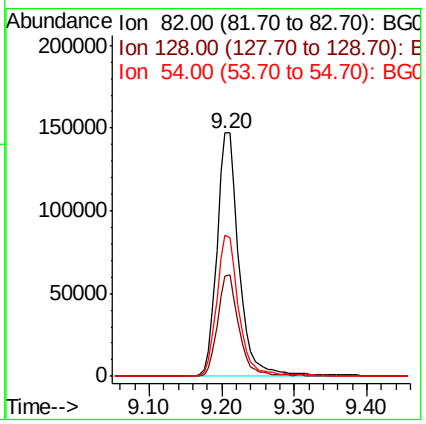


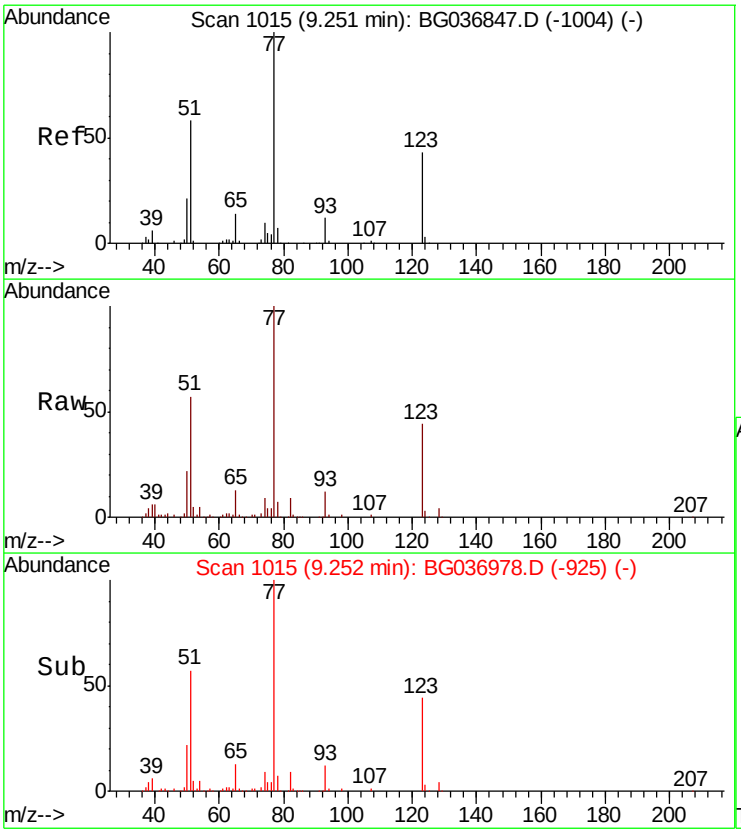

#23
Nitrobenzene-d5
Concen: 91.266 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 311515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.9 | 33.3 | 49.9 |
| 54 | 58.2 | 45.1 | 67.7 |

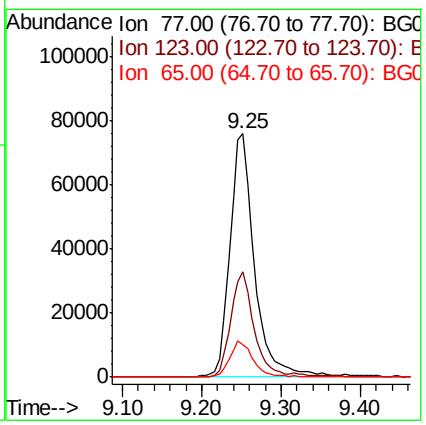


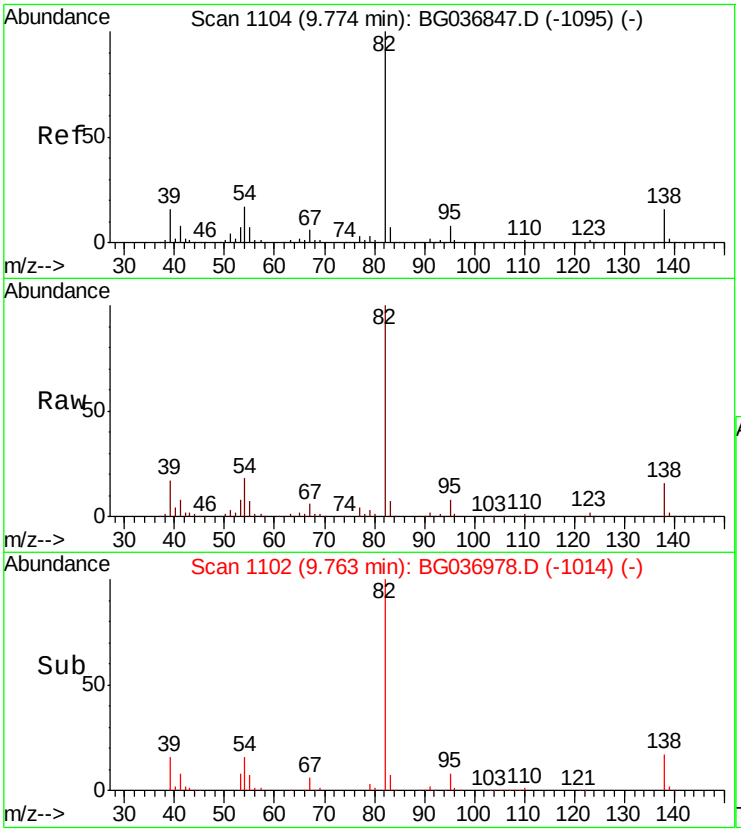




#24
Nitrobenzene
Concen: 44.595 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion: 77 Resp: 162551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 32.4 | 48.6 |
| 65 | 13.1 | 11.5 | 17.3 |



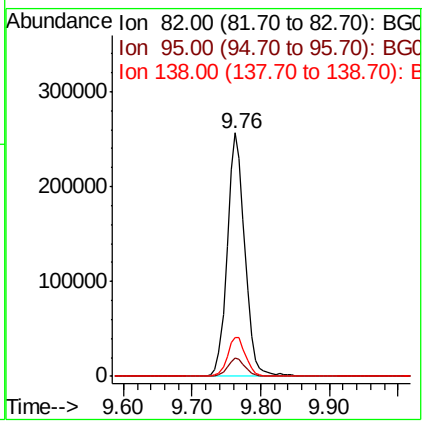


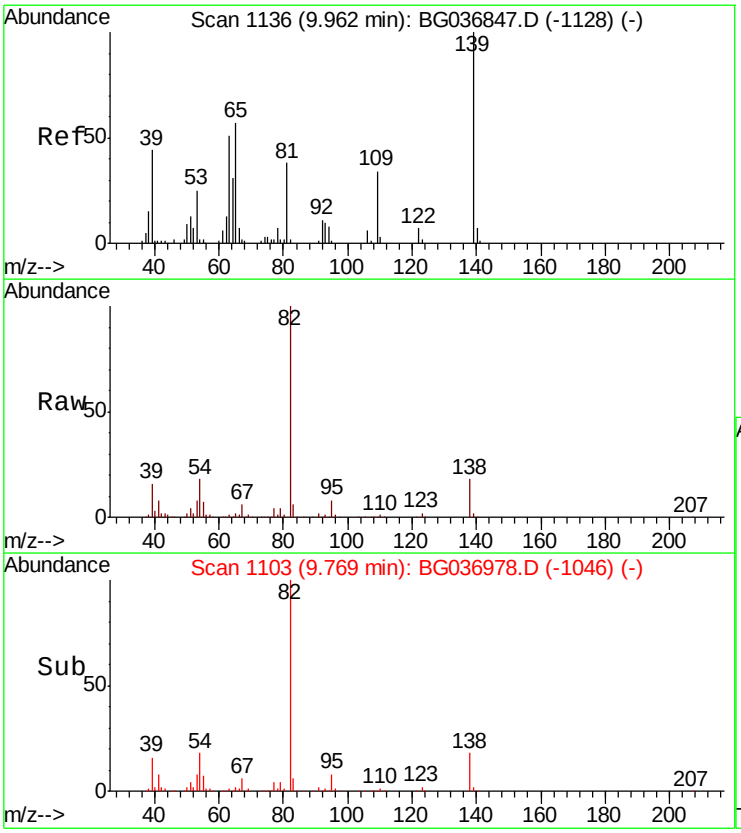

#25
Isophorone
Concen: 73.072 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 455735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.6 | 5.8 | 8.8 |
| 138 | 16.2 | 12.9 | 19.3 |

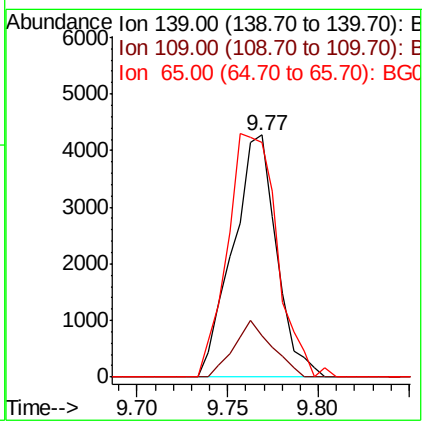


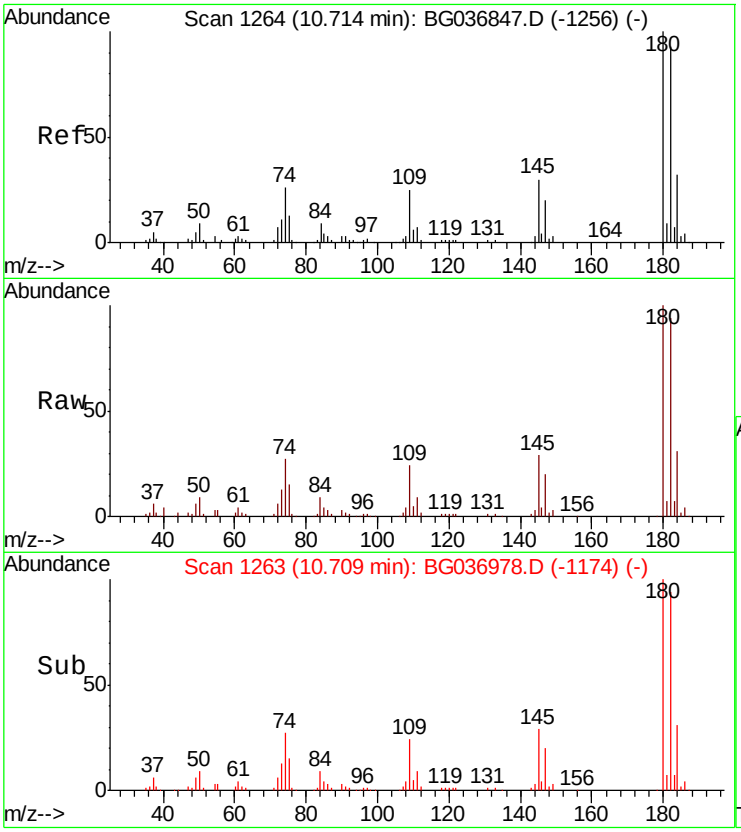




#26
2-Nitrophenol
Concen: 4.923 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.19 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:139 Resp: 7153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 17.0 | 27.4 | 41.0# |
| 65 | 97.2 | 47.8 | 71.6# |



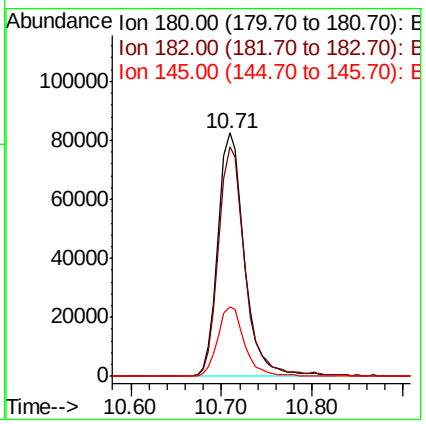


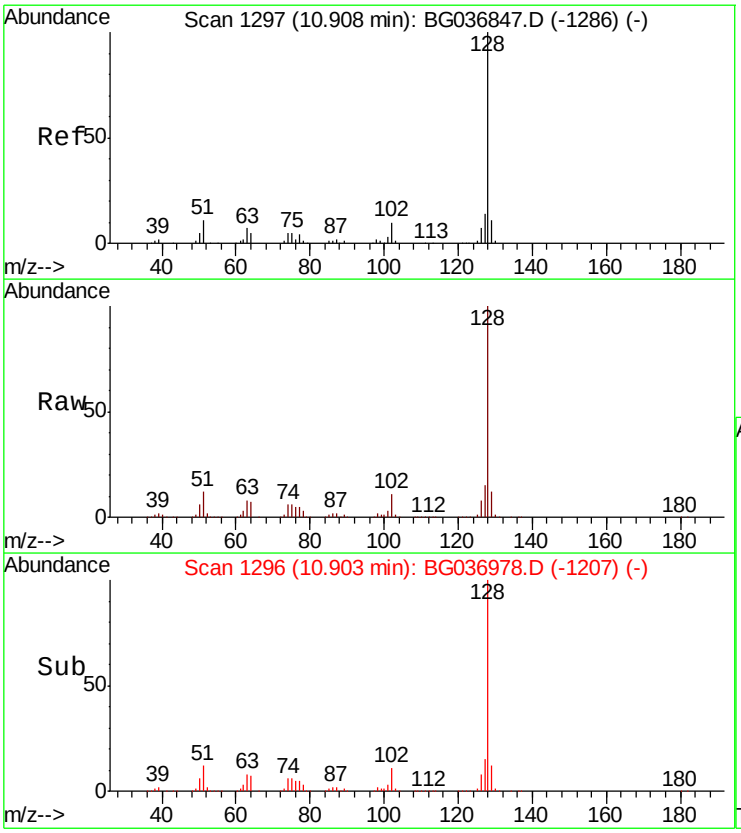

#30
1,2,4-Trichlorobenzene
Concen: 51.212 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:180 Resp: 168139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 76.0 | 114.0 |
| 145 | 28.8 | 22.9 | 34.3 |

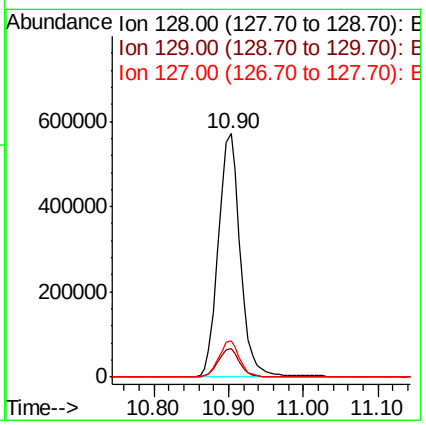


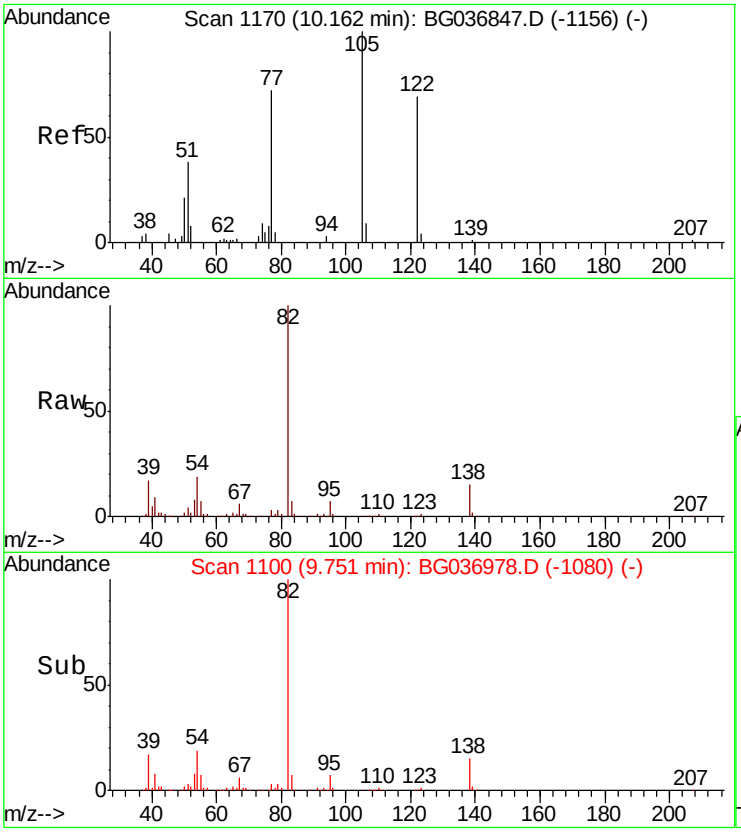




#31
Naphthalene
Concen: 135.368 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:128 Resp: 1177299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 9.4 | 14.2 |
| 127 | 14.8 | 11.0 | 16.4 |



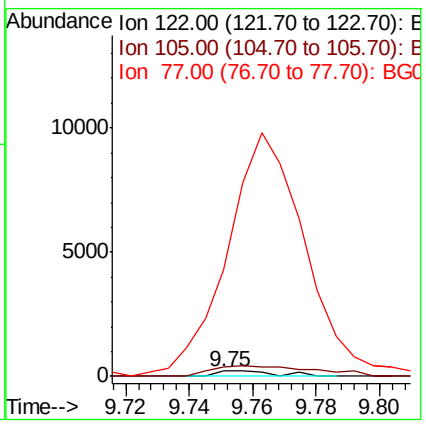


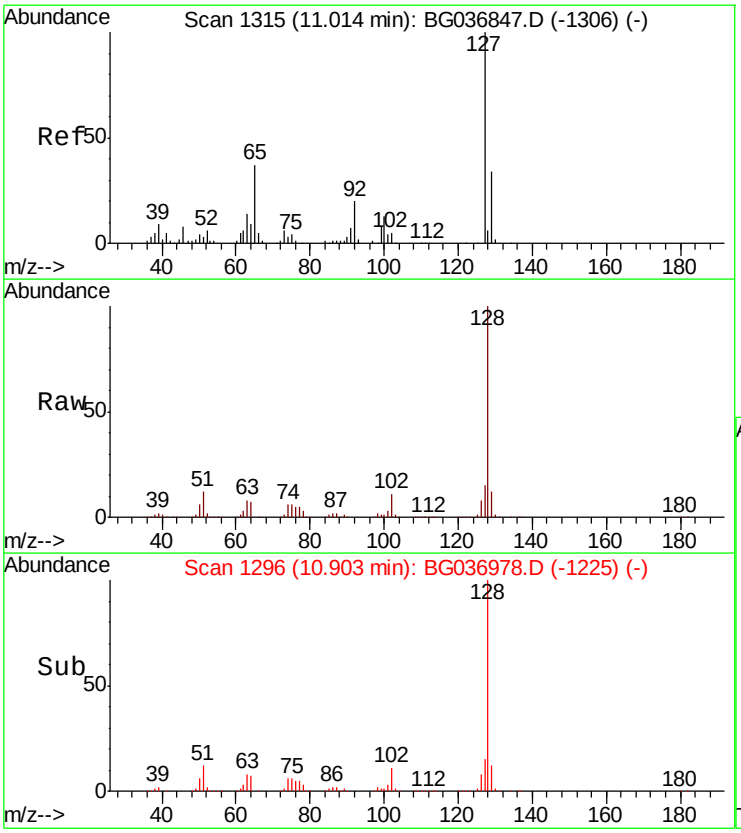

#32
Benzoic acid
Concen: 5.959 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.41 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:122 Resp: 277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 169.1 | 108.1 | 148.1# |
| 77 | 1959.1 | 76.3 | 116.3# |

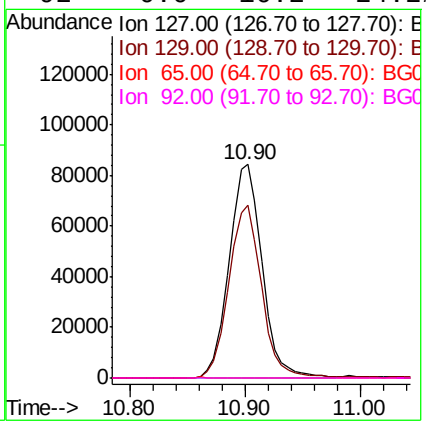


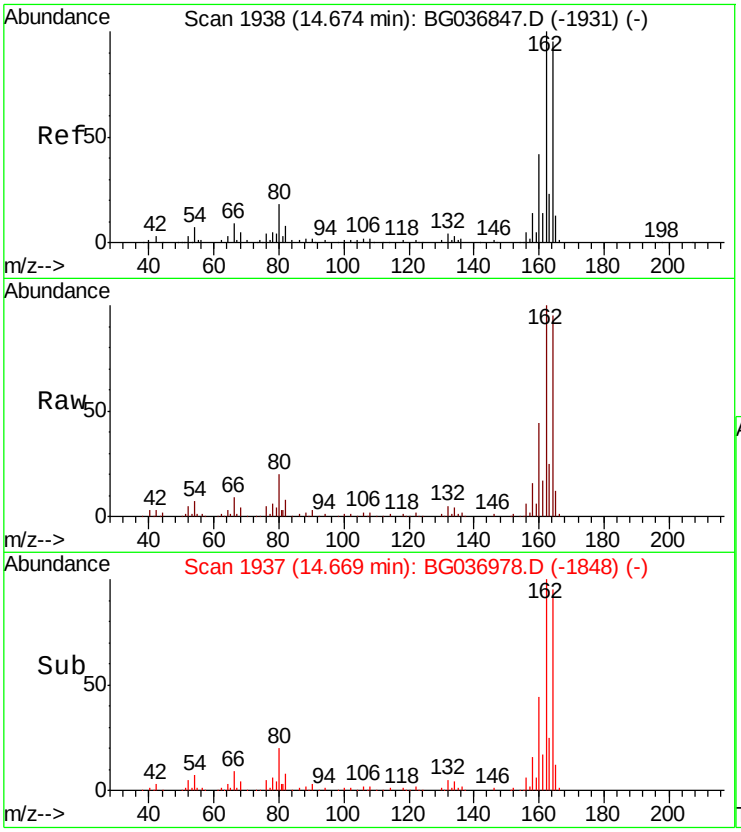




#33
4-Chloroaniline
Concen: 42.209 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.11 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:127 Resp: 166905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 80.8 | 25.9 | 38.9# |
| 65 | 0.0 | 27.5 | 41.3# |
| 92 | 0.0 | 16.2 | 24.2# |



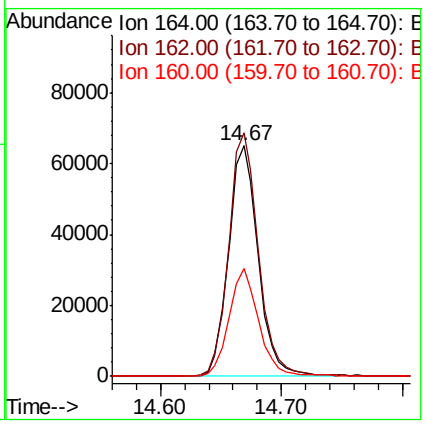


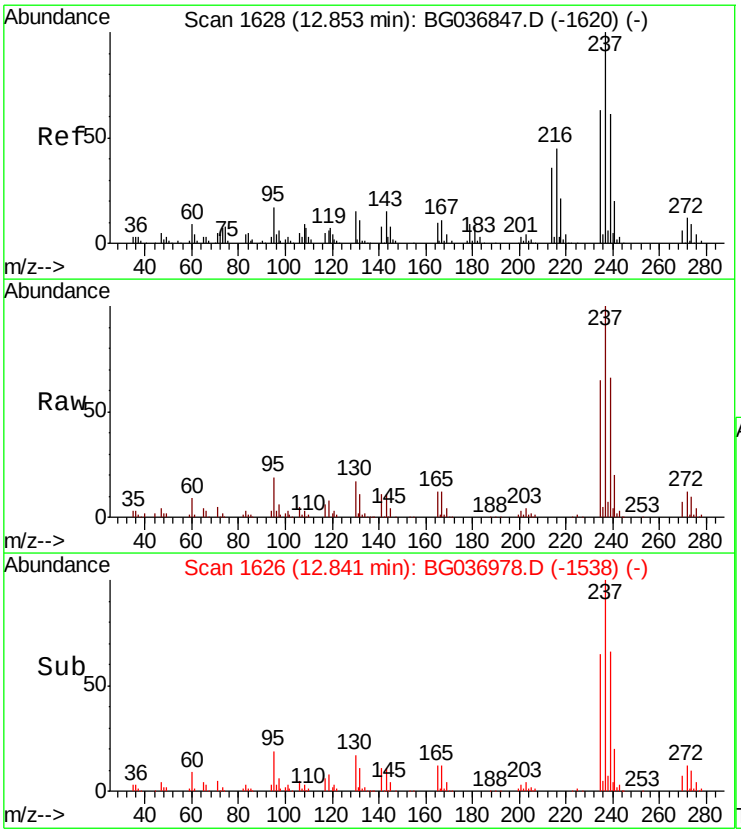

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:164 Resp: 111316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.7 | 80.7 | 121.1 |
| 160 | 46.9 | 35.3 | 52.9 |

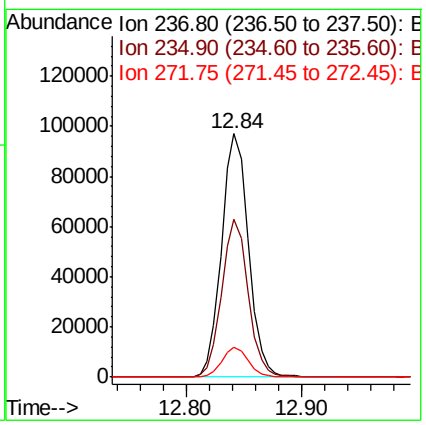


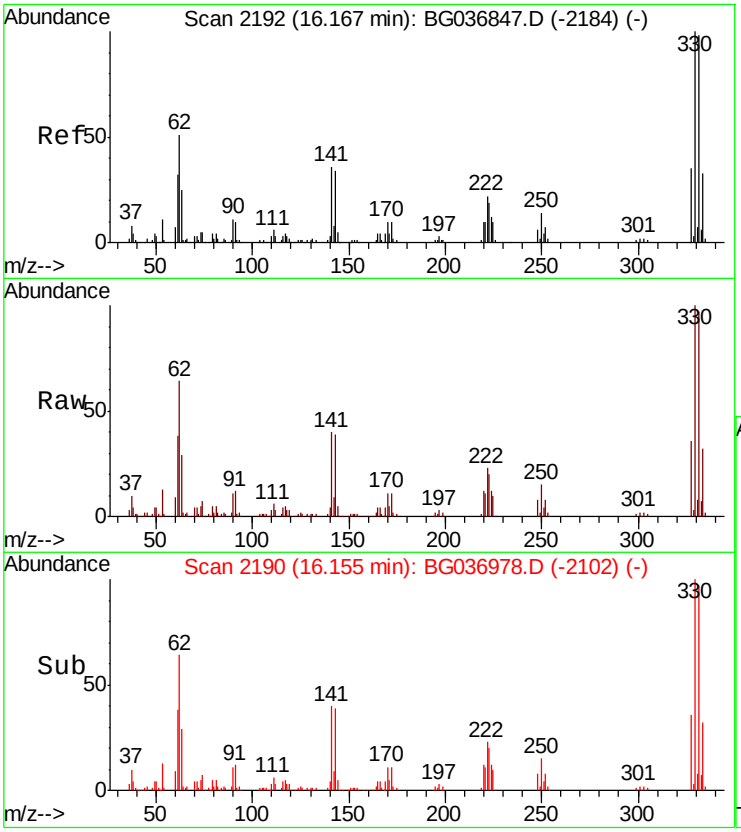




#40
Hexachlorocyclopentadiene
Concen: 78.409 ng
RT: 12.84 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:237 Resp: 156565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.9 | 42.2 | 82.2 |
| 272 | 12.1 | 0.0 | 32.1 |



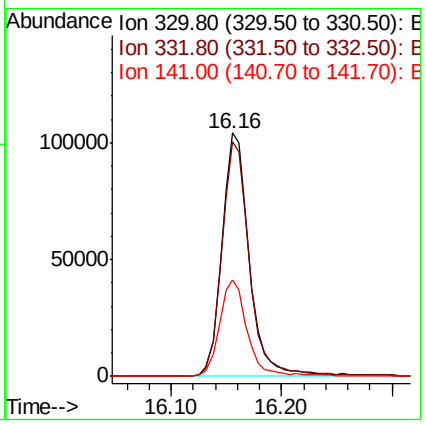


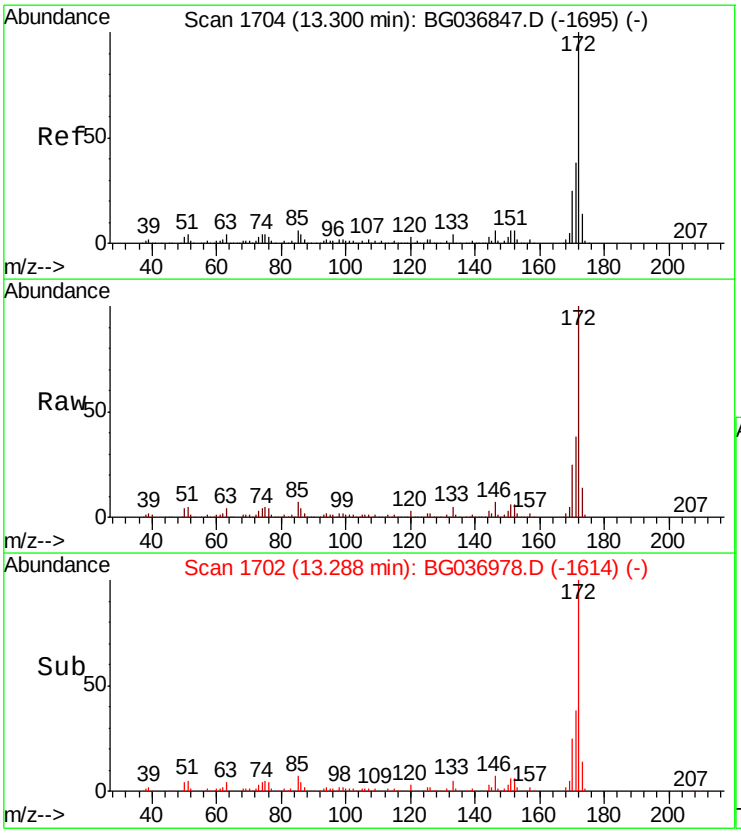

#41
2,4,6-Tribromophenol
Concen: 135.020 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:330 Resp: 179823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.9 | 75.4 | 113.2 |
| 141 | 40.4 | 30.7 | 46.1 |

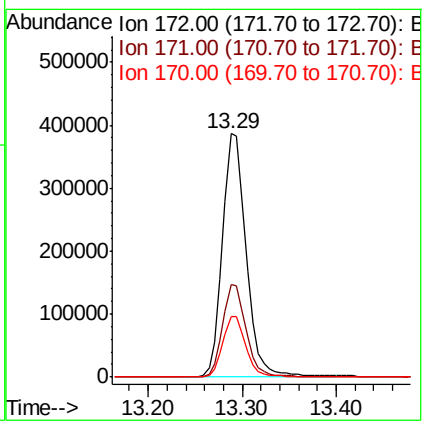


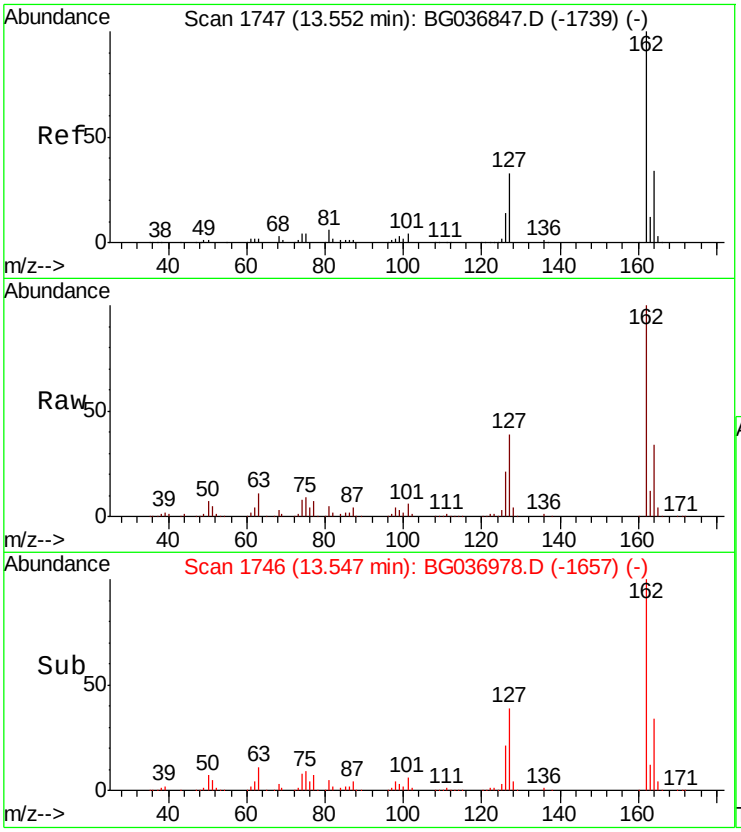




#44
2-Fluorobiphenyl
Concen: 91.646 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:172 Resp: 684957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.8 | 31.3 | 46.9 |
| 170 | 25.0 | 21.0 | 31.6 |



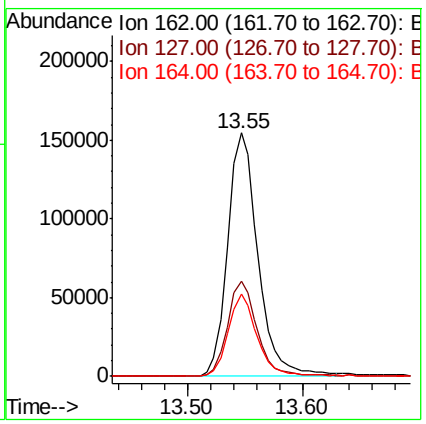


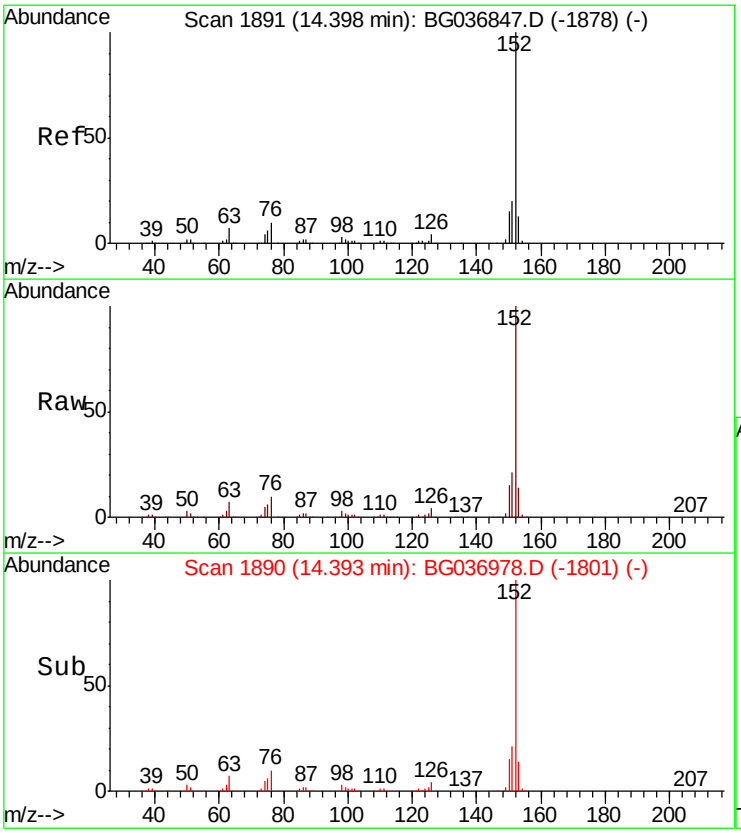

#46
2-Chloronaphthalene
Concen: 41.918 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:162 Resp: 281035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.3 | 30.7 | 46.1 |
| 164 | 33.6 | 26.7 | 40.1 |

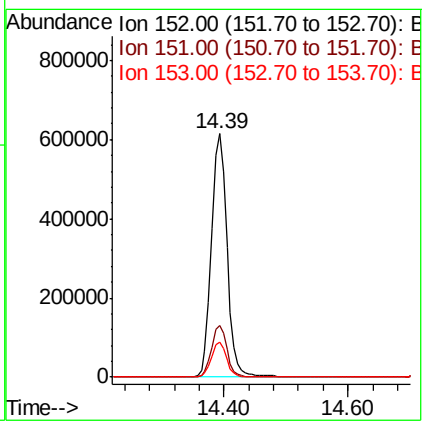


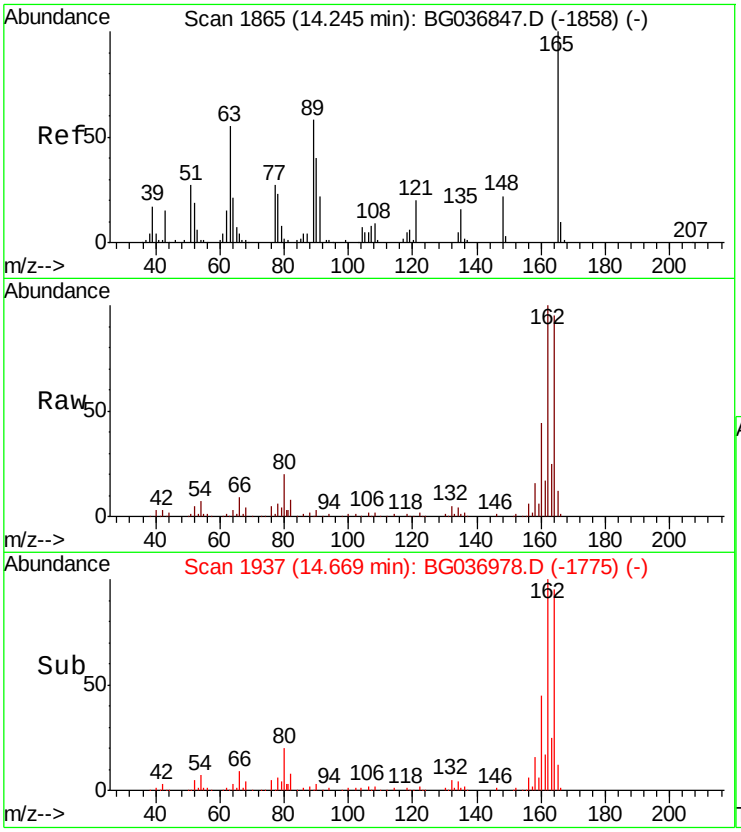




#48
Acenaphthylene
Concen: 101.882 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:152 Resp: 1070352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.4 | 16.9 | 25.3 |
| 153 | 14.2 | 11.2 | 16.8 |



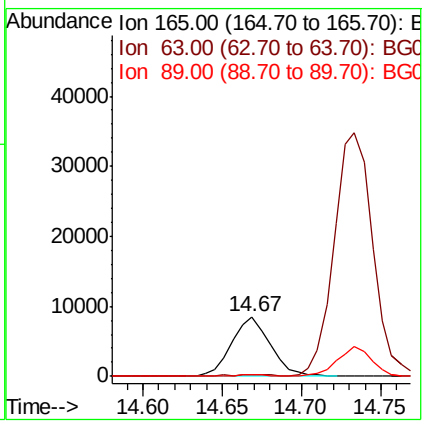


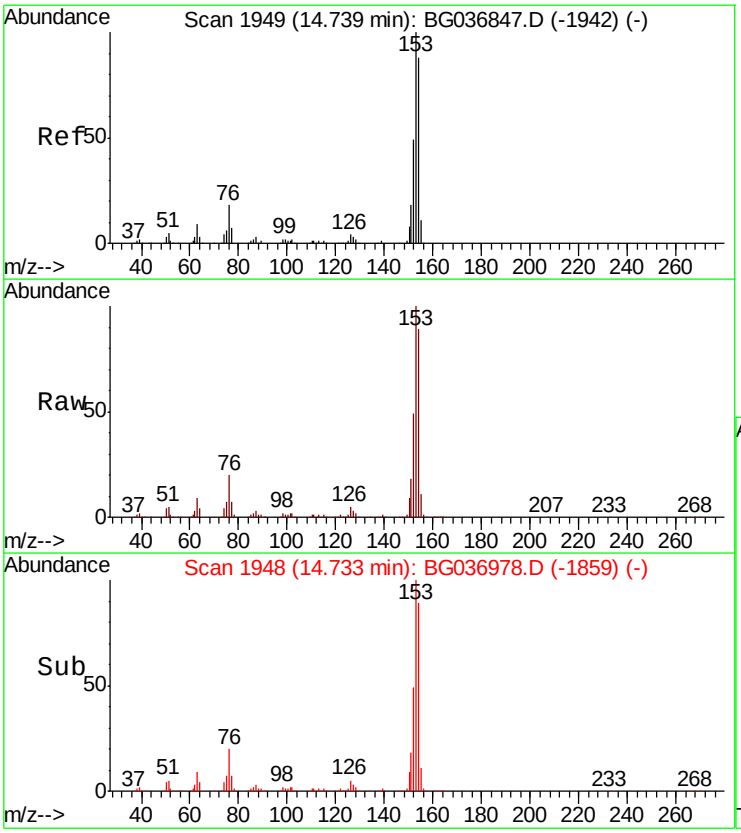

#50
2,6-Dinitrotoluene
Concen: 7.288 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:165 Resp: 14247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.4 | 50.1 | 75.1# |
| 89 | 3.5 | 47.8 | 71.6# |

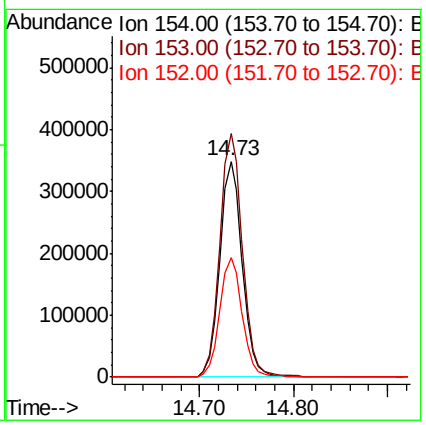


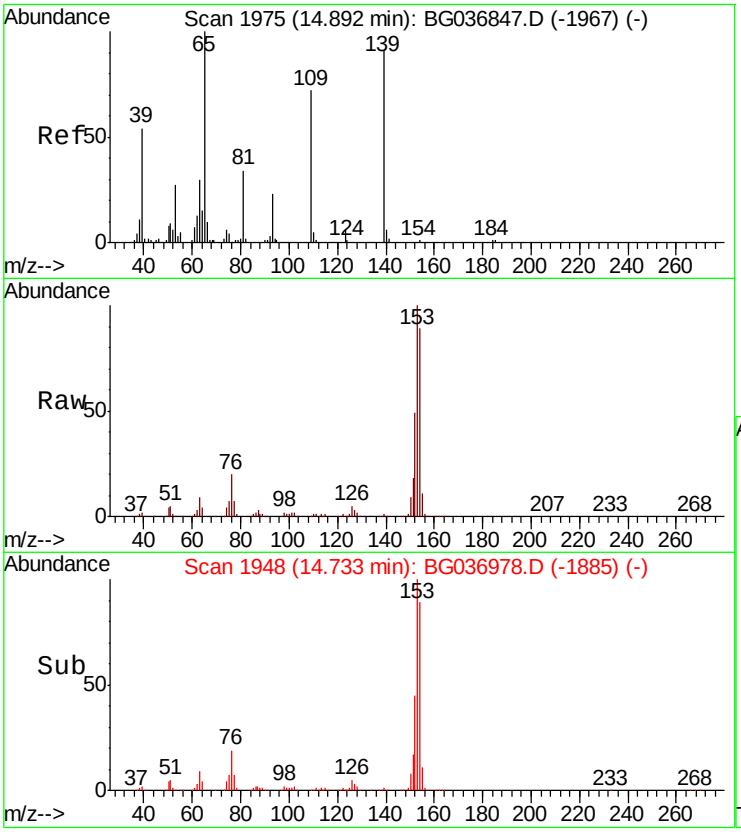




#51
Acenaphthene
Concen: 91.332 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:154 Resp: 579911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.8 | 91.8 | 137.6 |
| 152 | 55.2 | 43.5 | 65.3 |



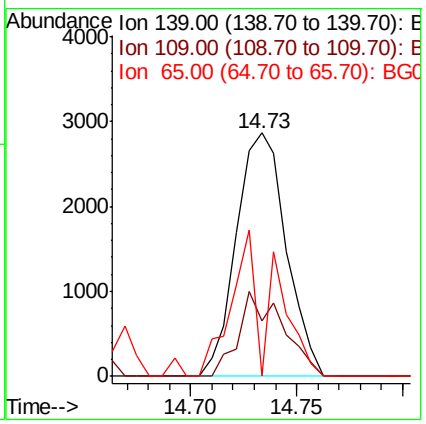


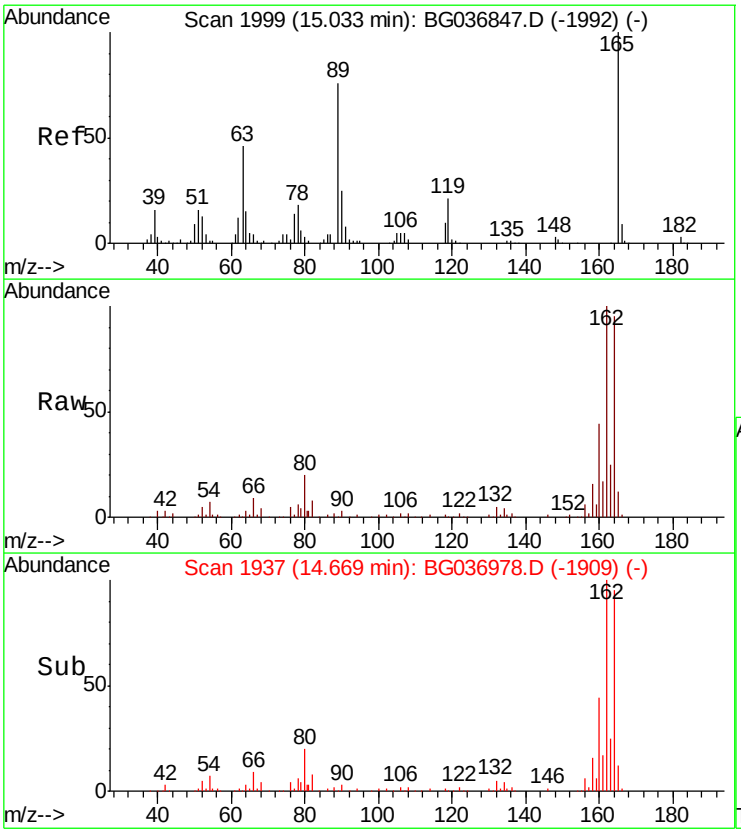

#55
4-Nitrophenol
Concen: 3.554 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.16 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:139 Resp: 4677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 22.9 | 63.9 | 103.9# |
| 65 | 0.0 | 90.0 | 130.0# |

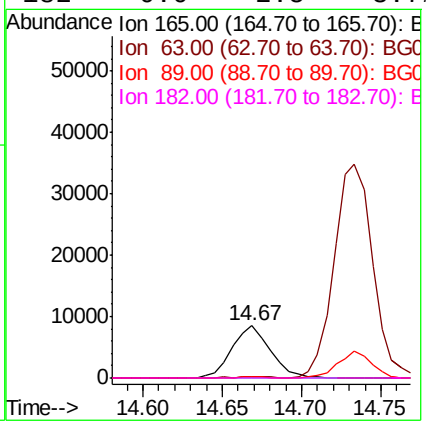


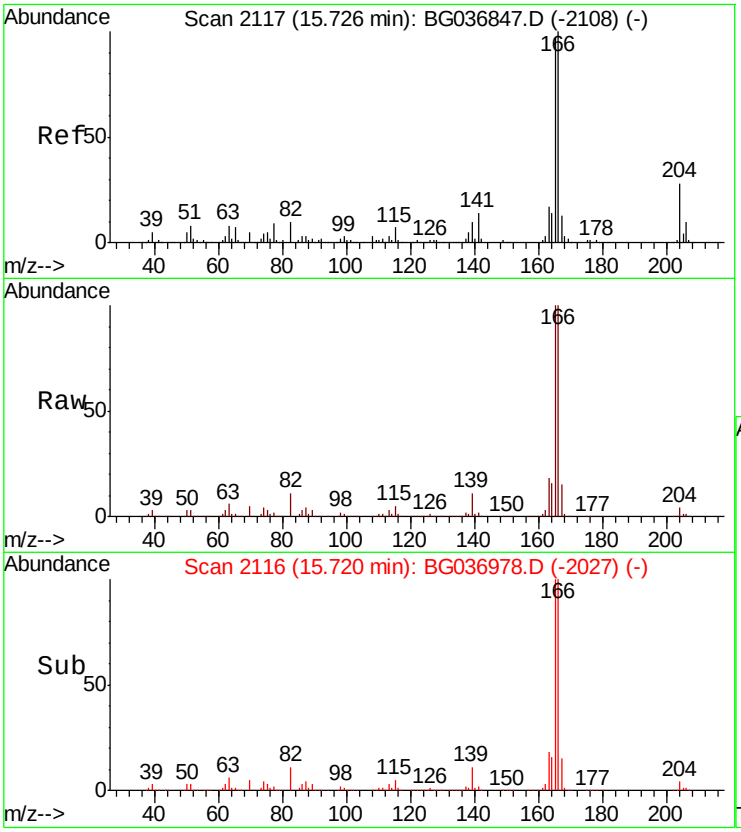




#56
2,4-Dinitrotoluene
Concen: 5.223 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:165 Resp: 14247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.4 | 40.1 | 60.1# |
| 89 | 3.5 | 63.7 | 95.5# |
| 182 | 0.0 | 2.5 | 3.7# |



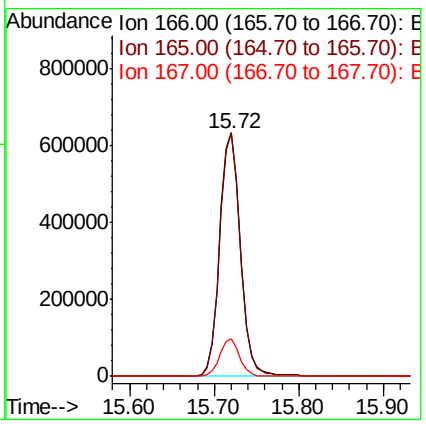


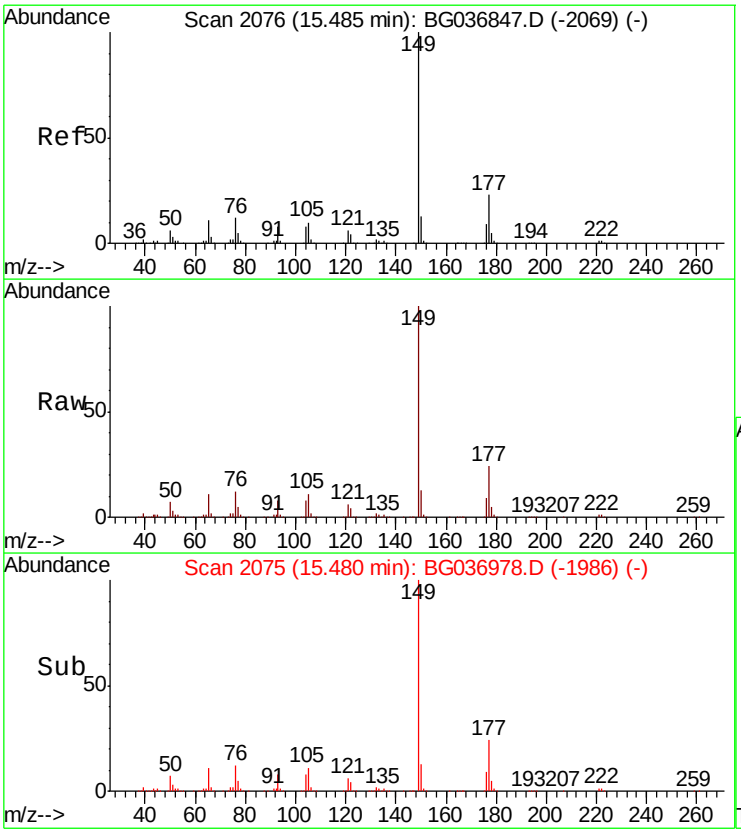

#57
Fluorene
Concen: 134.644 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:166 Resp: 1080833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.9 | 77.0 | 115.4 |
| 167 | 15.3 | 10.6 | 16.0 |

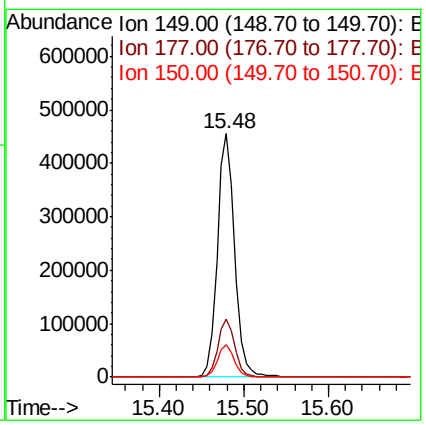


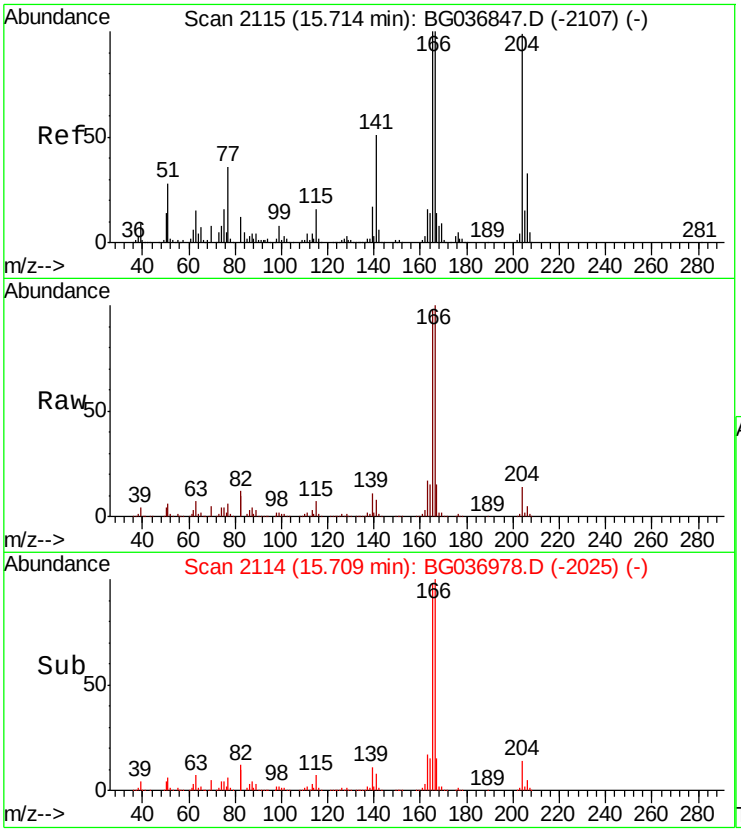




#59
Diethylphthalate
Concen: 72.060 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:149 Resp: 651225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.0 | 19.1 | 28.7 |
| 150 | 13.3 | 10.7 | 16.1 |



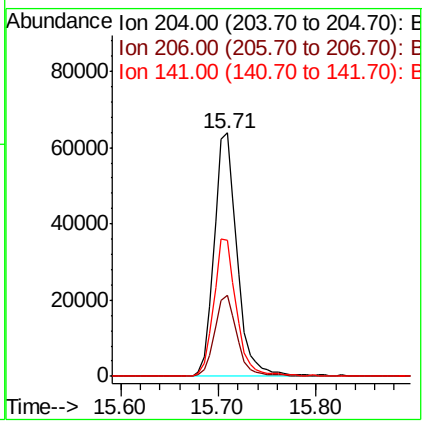


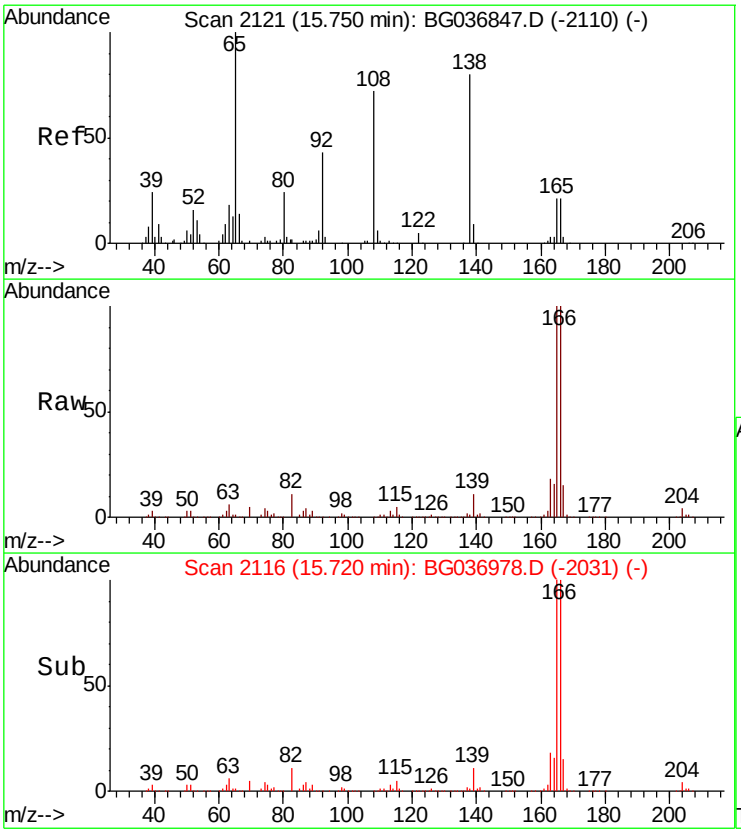

#60
4-Chlorophenyl-phenylether
Concen: 20.529 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:204 Resp: 104362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 27.0 | 40.4 |
| 141 | 55.7 | 43.8 | 65.6 |

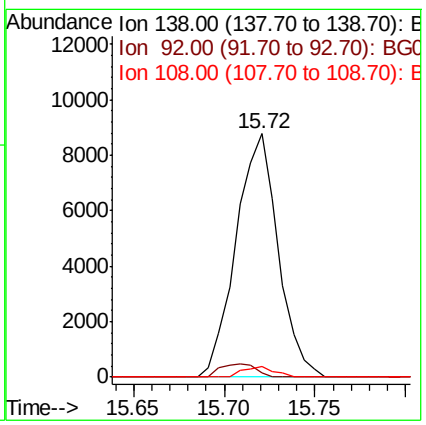


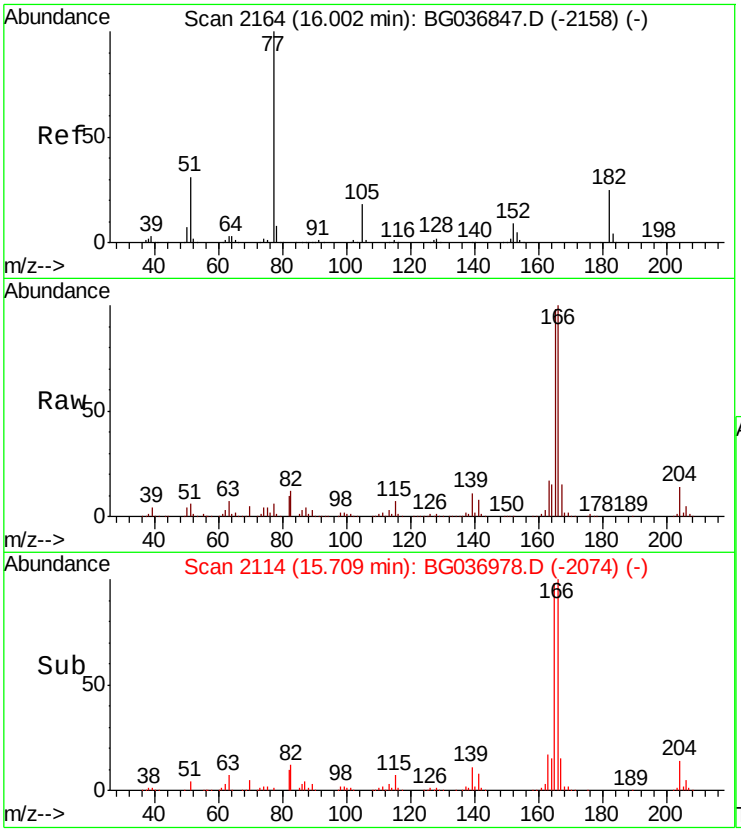




#61
4-Nitroaniline
Concen: 6.531 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.03 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:138 Resp: 14153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 1.9 | 38.5 | 78.5# |
| 108 | 4.4 | 70.3 | 110.3# |



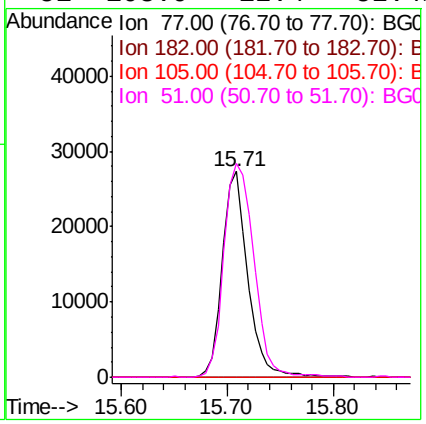


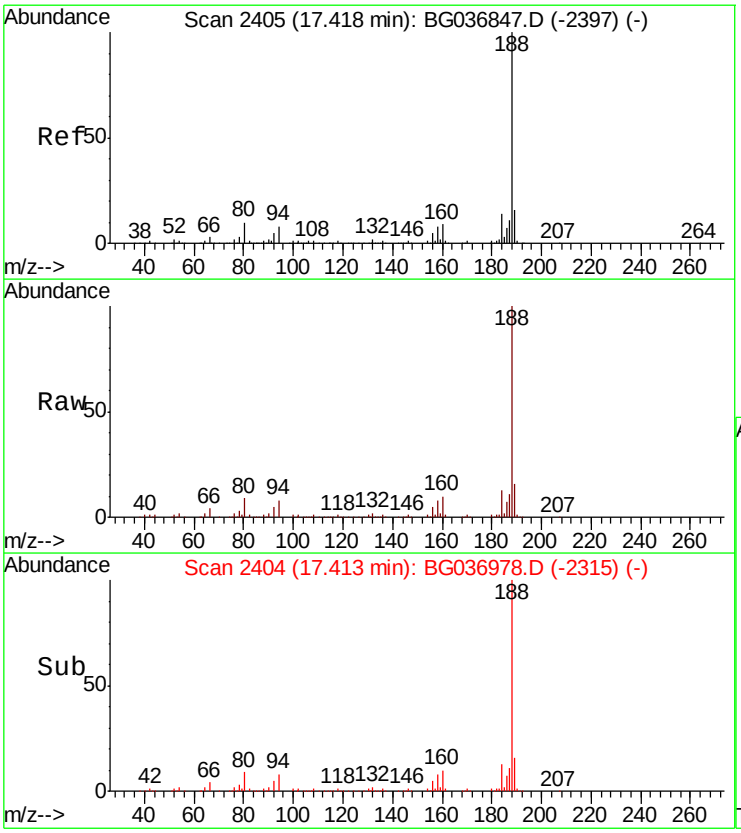

#62
Azobenzene
Concen: 5.273 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.29 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 77 Resp: 45791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 6.7 | 46.7# |
| 105 | 0.0 | 0.0 | 39.8 |
| 51 | 103.9 | 12.4 | 52.4# |

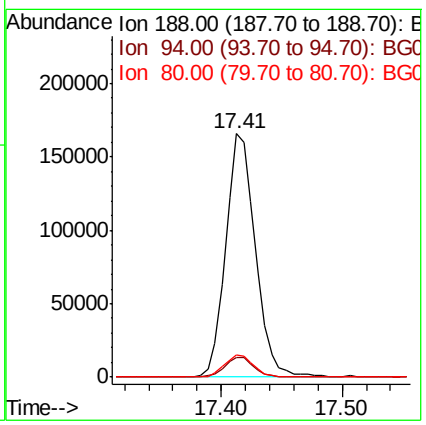


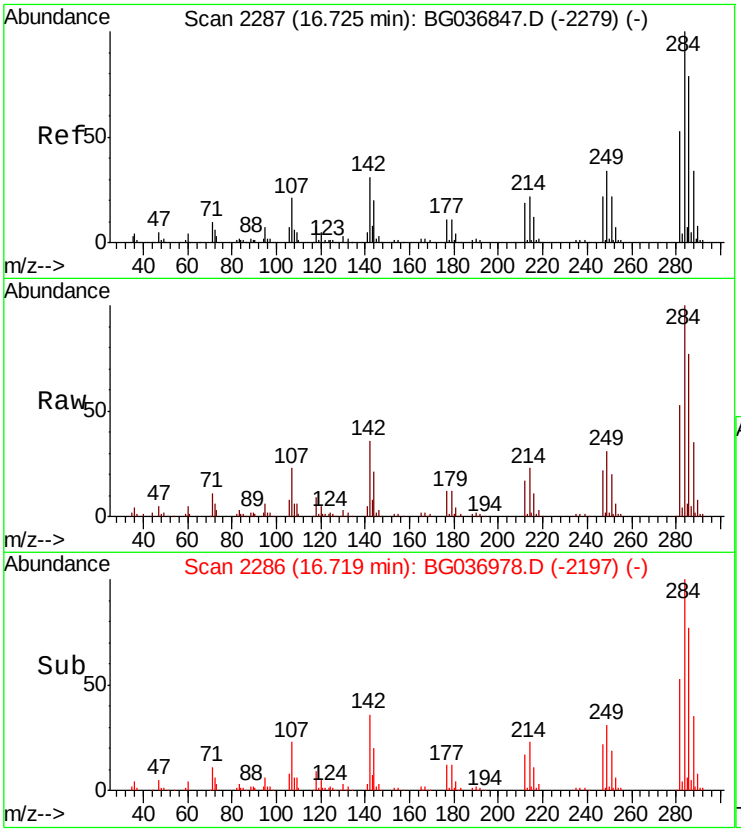




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:188 Resp: 283041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.0 | 6.7 | 10.1 |
| 80 | 9.1 | 8.1 | 12.1 |



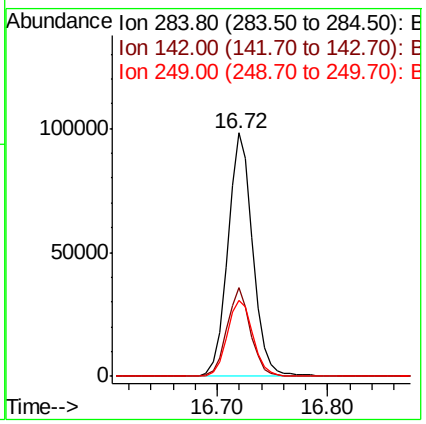


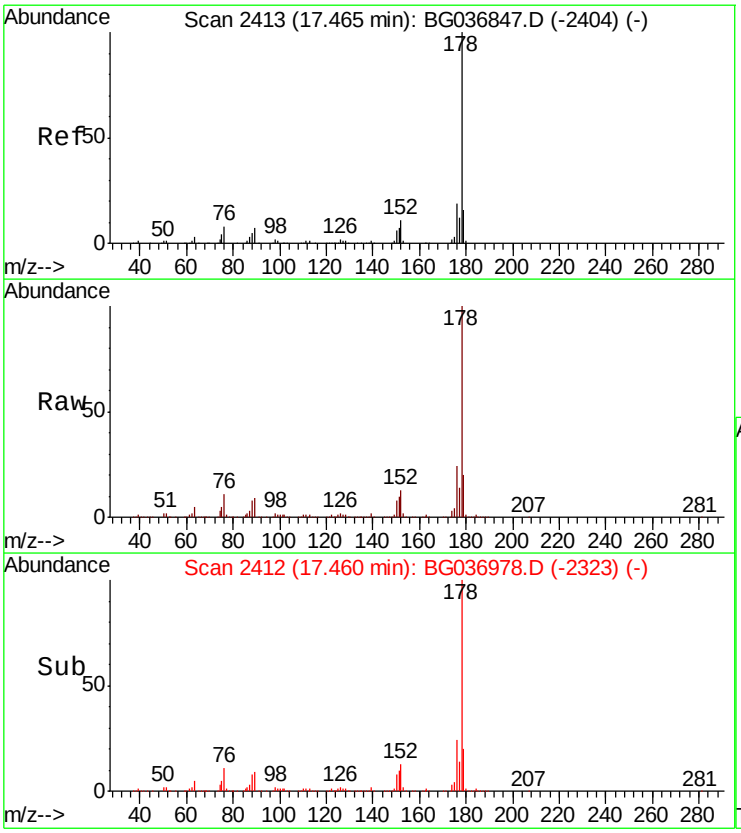

#67
Hexachlorobenzene
Concen: 46.754 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:284 Resp: 155026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.4 | 27.8 | 41.6 |
| 249 | 31.1 | 27.4 | 41.2 |

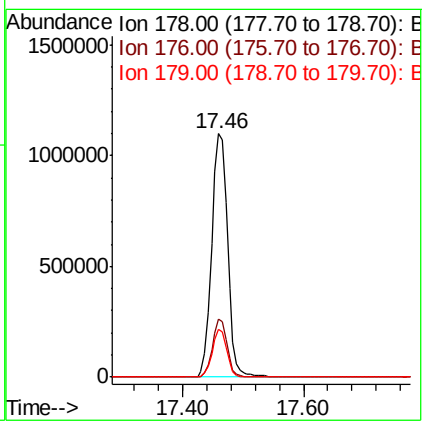


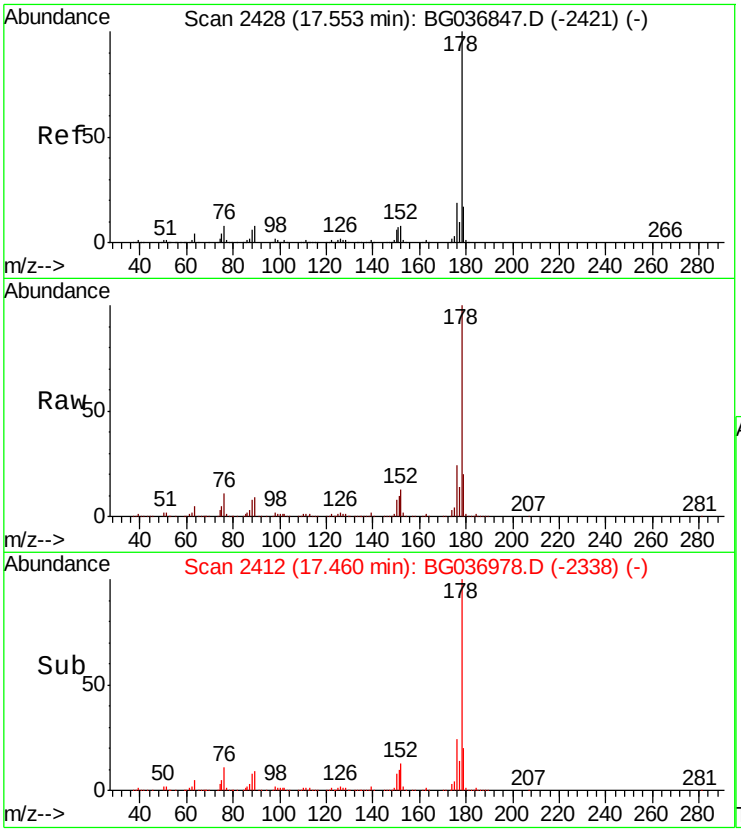




#70
Phenanthrene
Concen: 146.695 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:178 Resp: 2000867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.7 | 15.4 | 23.2# |
| 179 | 19.6 | 13.4 | 20.2 |



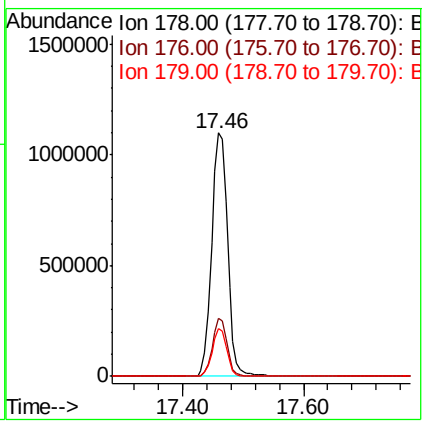


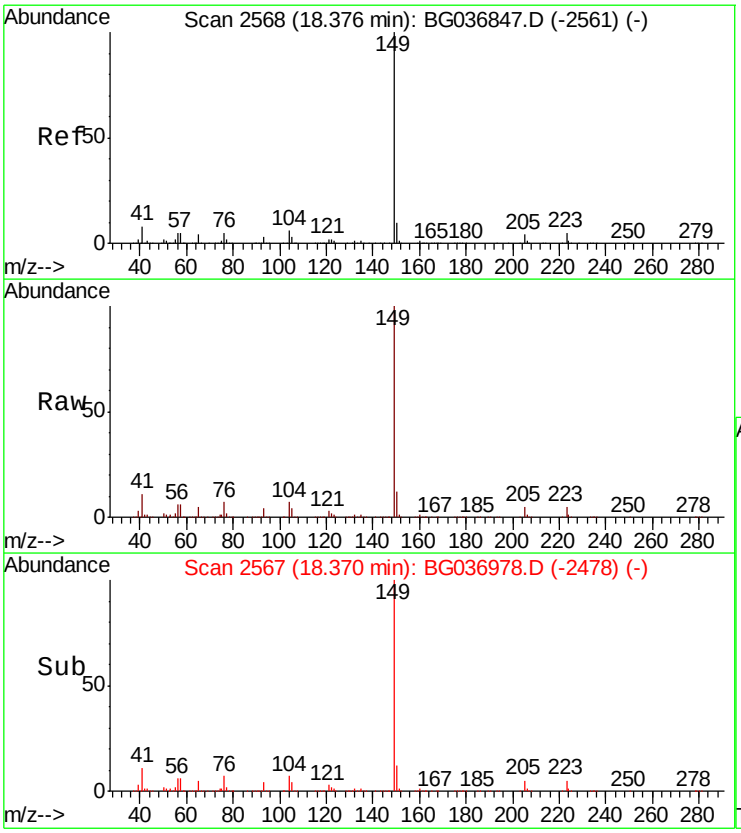

#71
Anthracene
Concen: 148.355 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:178 Resp: 2000867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.7 | 15.4 | 23.2# |
| 179 | 19.6 | 13.0 | 19.4# |

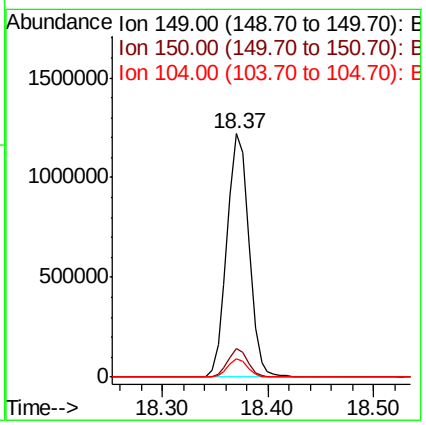


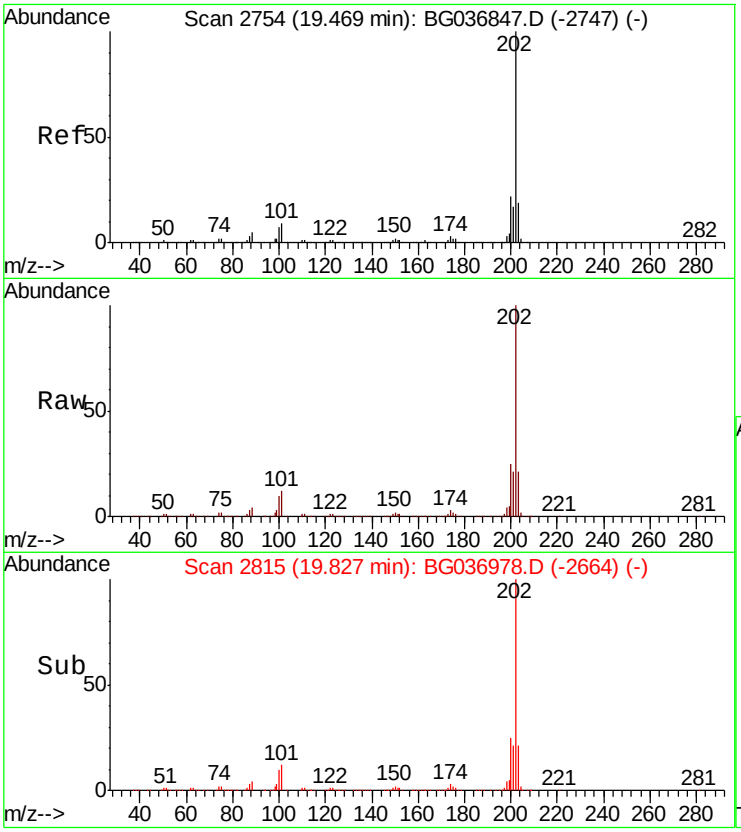




#73
Di-n-butylphthalate
Concen: 120.441 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:149 Resp: 1758850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 11.6 | 8.1 | 12.1 |
| 104 | 7.5 | 4.6 | 6.8# |



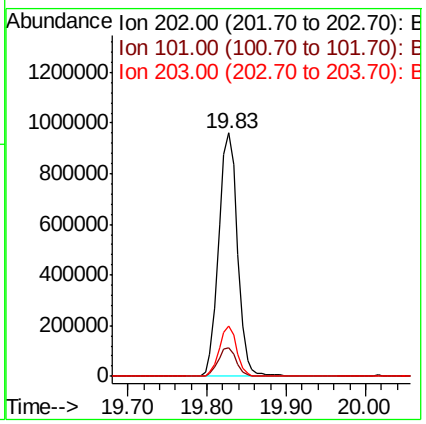


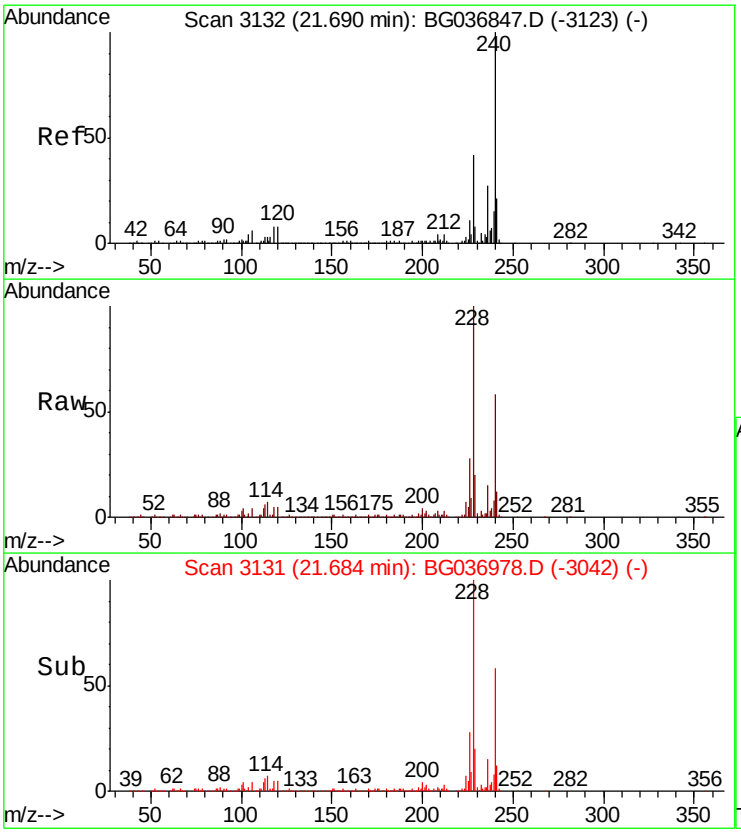

#74
Fluoranthene
Concen: 96.474 ng
RT: 19.83 min Scan# 2815
Delta R.T. 0.36 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:202 Resp: 1583927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 0.0 | 29.4 |
| 203 | 20.6 | 0.0 | 38.9 |

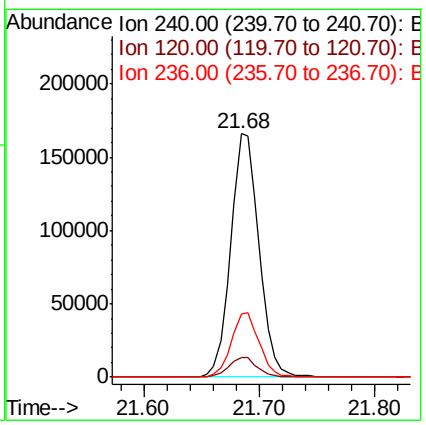


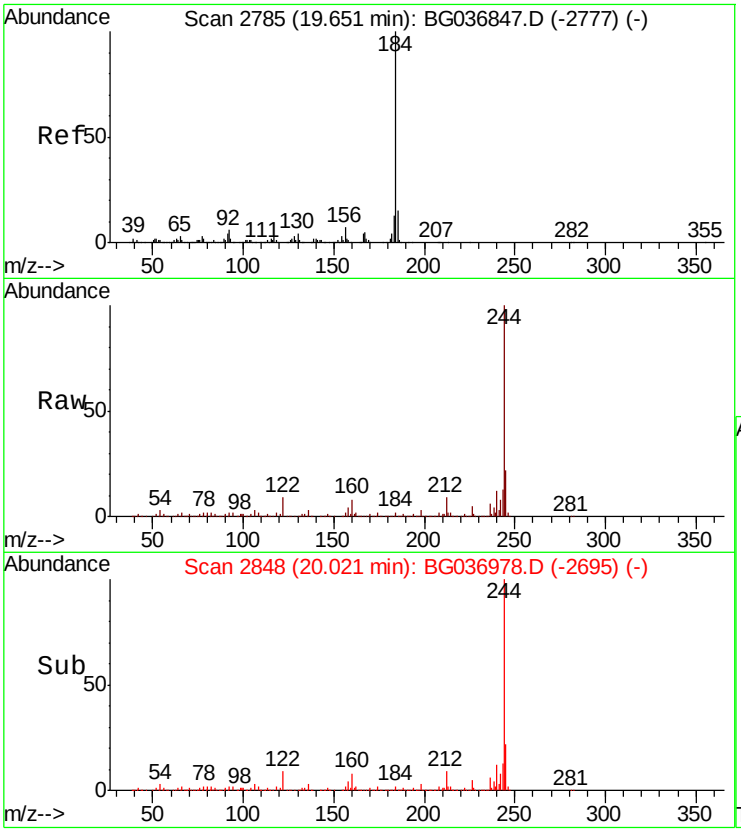




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:240 Resp: 281822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.3 | 6.9 | 10.3 |
| 236 | 25.8 | 21.2 | 31.8 |



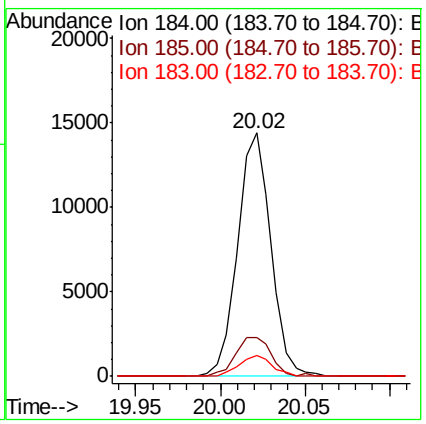


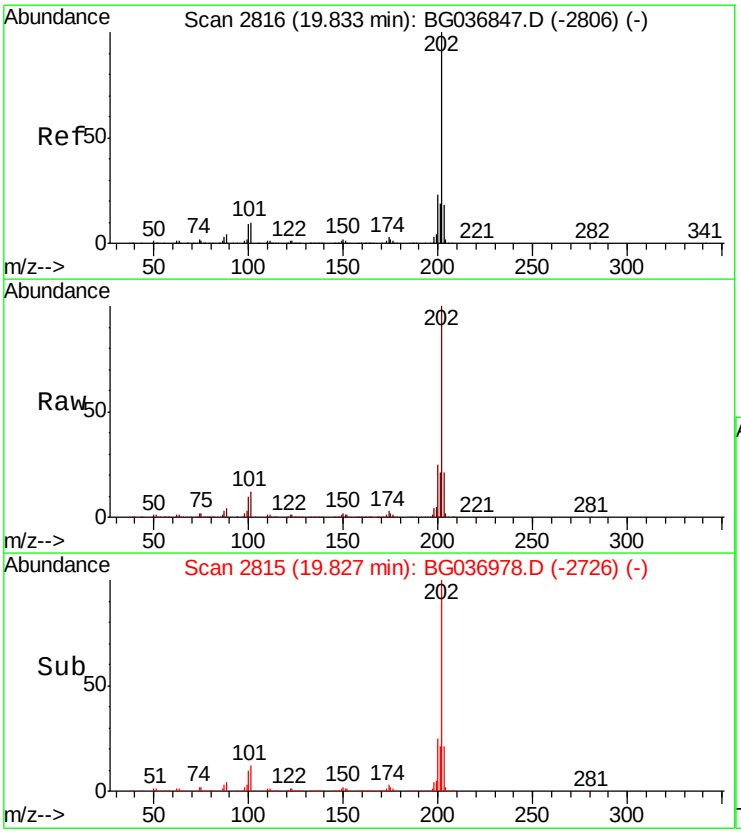

#76
Benzidine
Concen: 2.311 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:184 Resp: 19686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.2 | 12.6 | 18.8 |
| 183 | 8.8 | 10.9 | 16.3# |

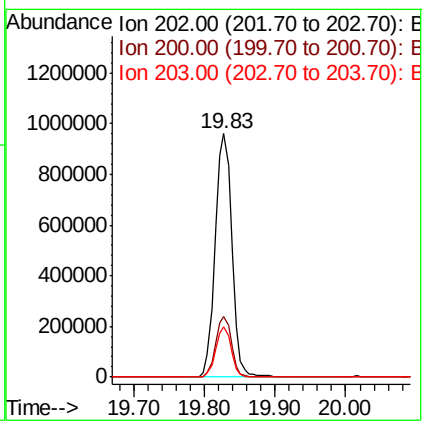


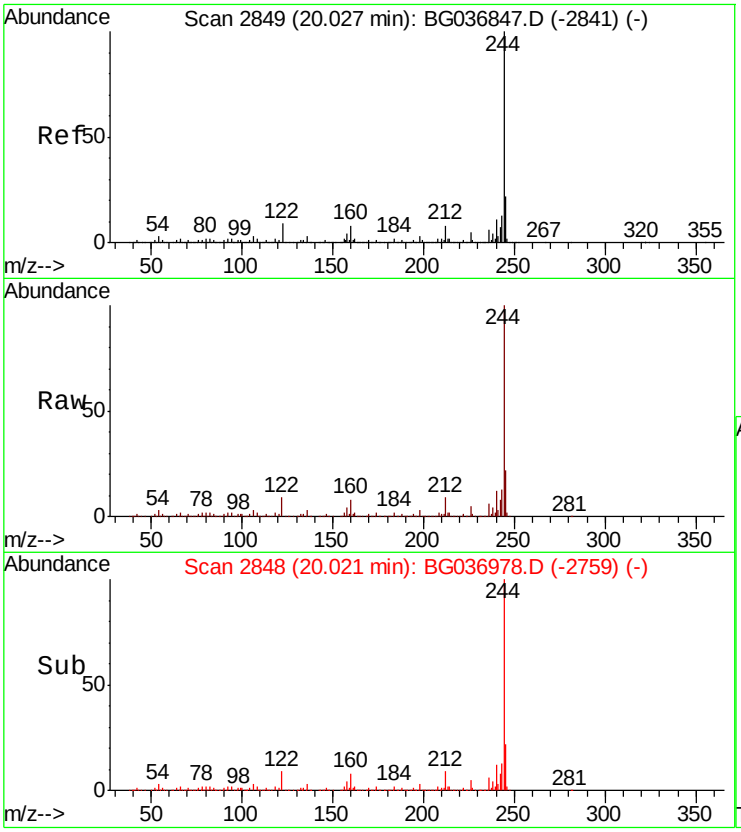




#77
Pyrene
Concen: 93.746 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:202 Resp: 1585400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 24.7 | 18.3 | 27.5 |
| 203 | 20.6 | 15.1 | 22.7 |



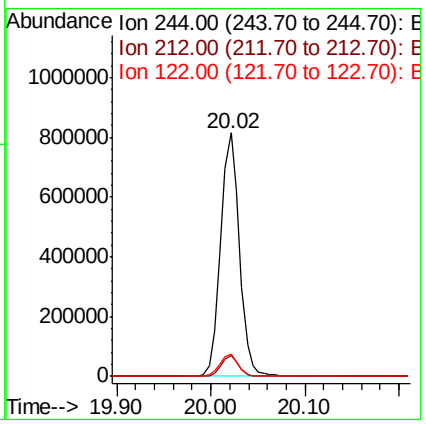


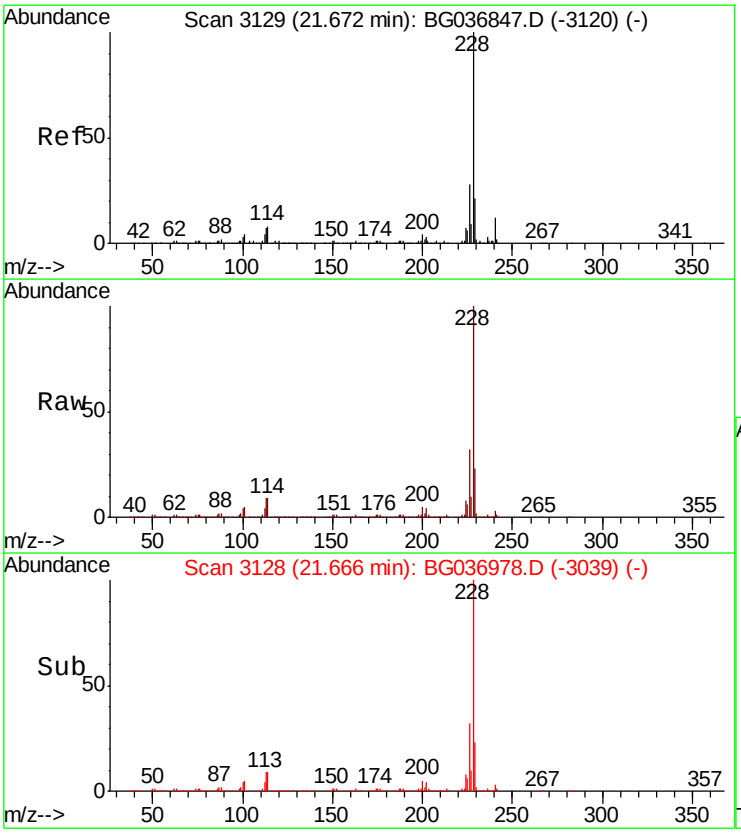

#78
Terphenyl-d14
Concen: 105.982 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:244 Resp: 1135889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.7 | 7.0 | 10.6 |
| 122 | 9.3 | 7.1 | 10.7 |

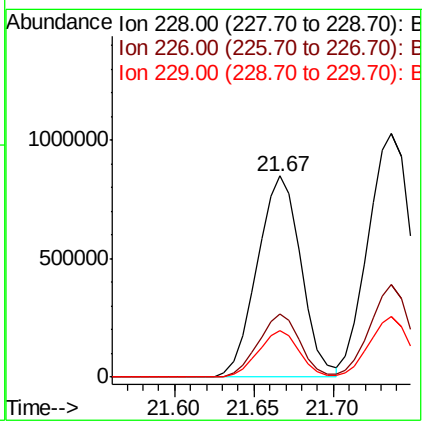


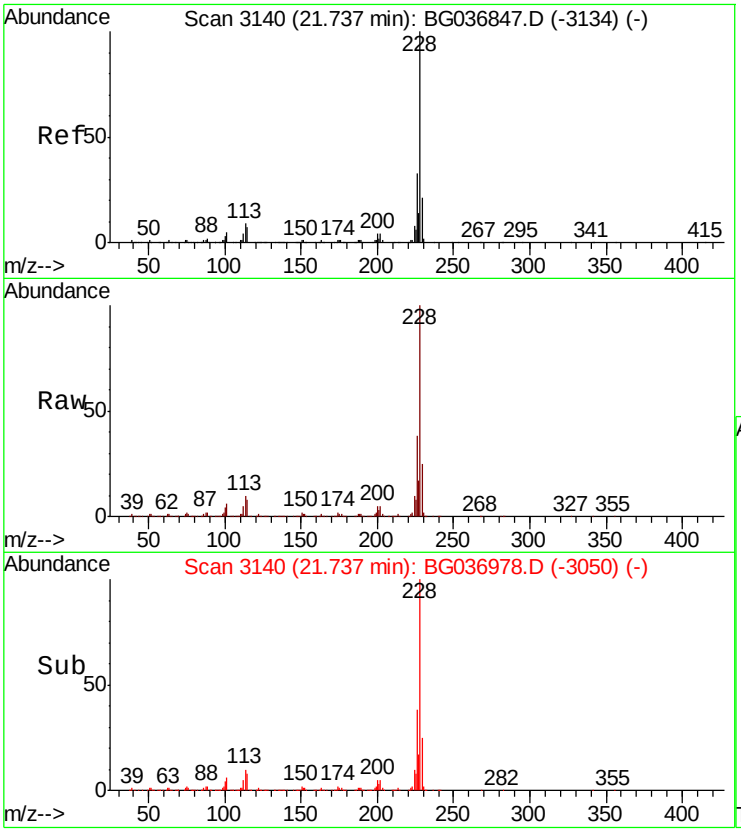




#80
Benzo(a)anthracene
Concen: 99.049 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:228 Resp: 1629475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 23.4 | 35.2 |
| 229 | 23.0 | 17.1 | 25.7 |



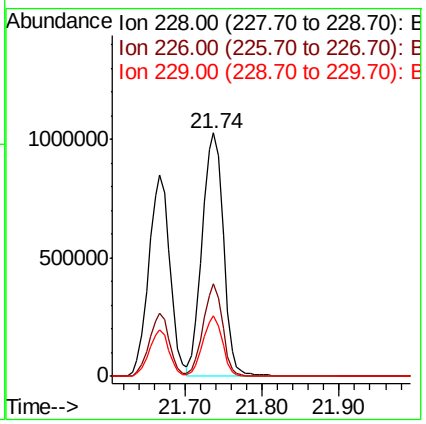


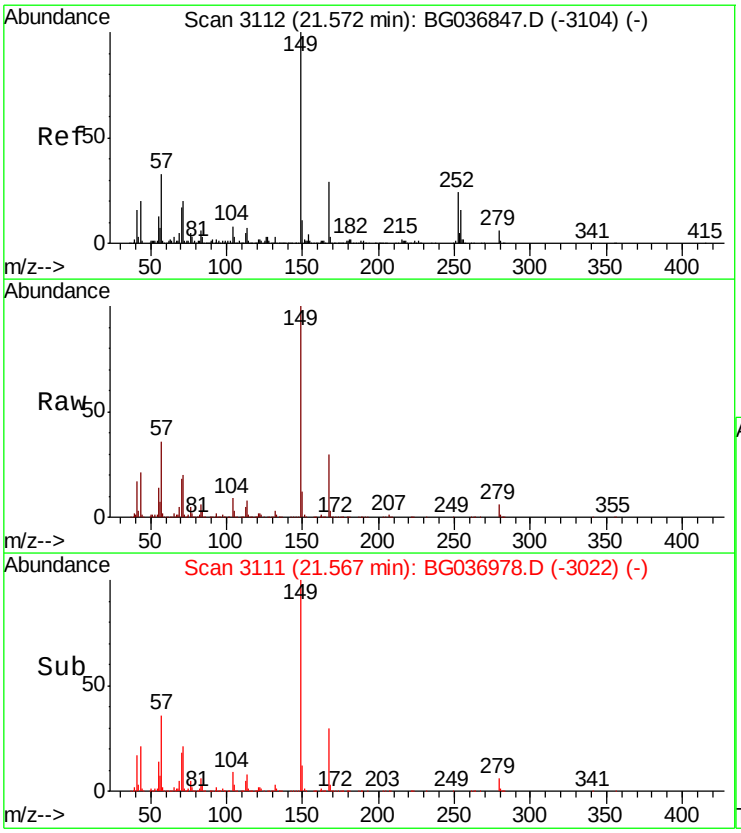

#82
Chrysene
Concen: 122.775 ng
RT: 21.74 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:228 Resp: 1951542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 38.1 | 25.5 | 38.3 |
| 229 | 24.9 | 16.9 | 25.3 |

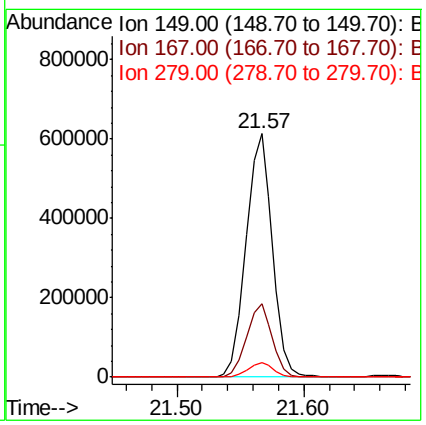


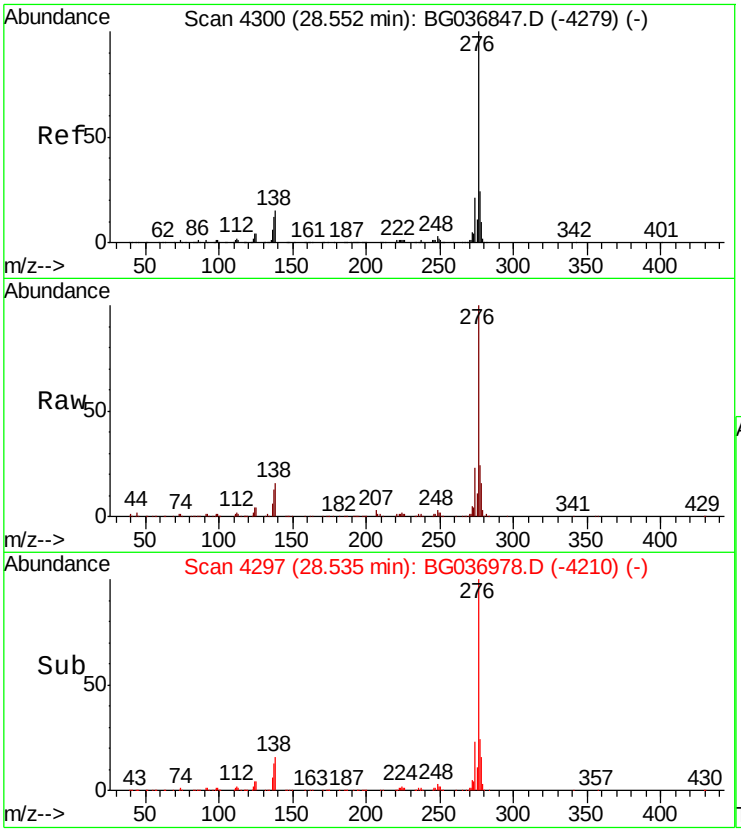




#83
Bis(2-ethylhexyl)phthalate
Concen: 93.801 ng
RT: 21.57 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:149 Resp: 883314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.0 | 23.4 | 35.0 |
| 279 | 6.0 | 4.6 | 7.0 |



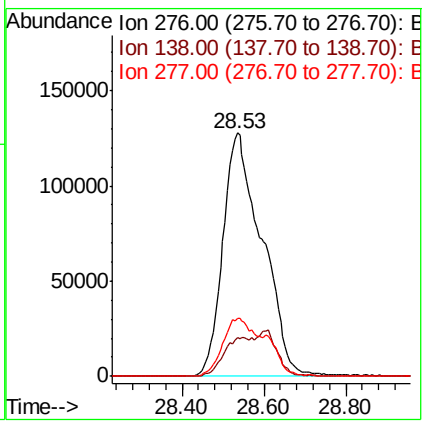


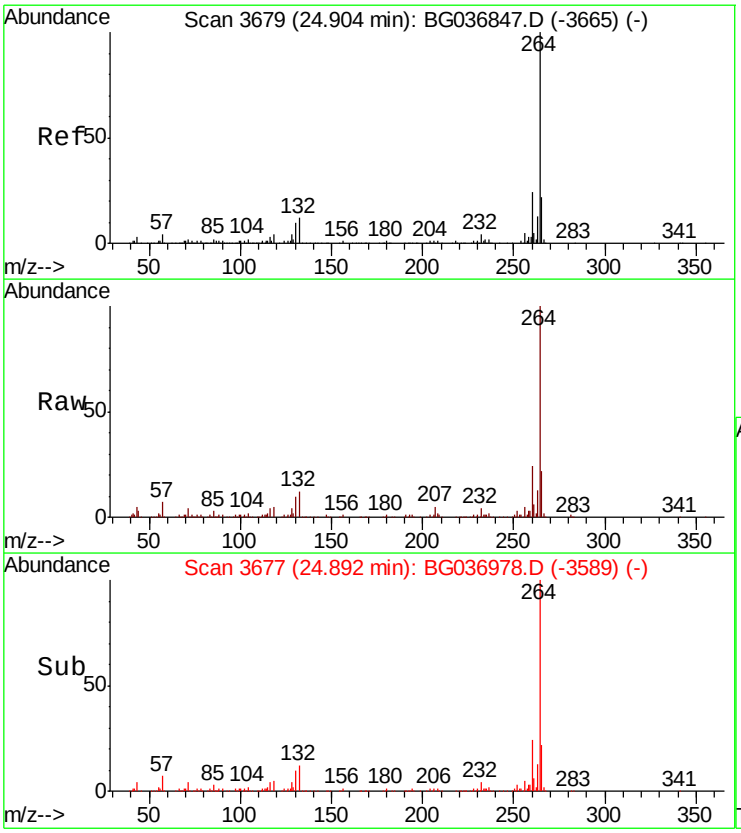

#85
Indeno(1,2,3-cd)pyrene
Concen: 49.613 ng
RT: 28.53 min Scan# 4297
Delta R.T. -0.02 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:276 Resp: 846844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 10.2 | 10.6 | 15.8# |
| 277 | 19.7 | 20.6 | 30.8# |

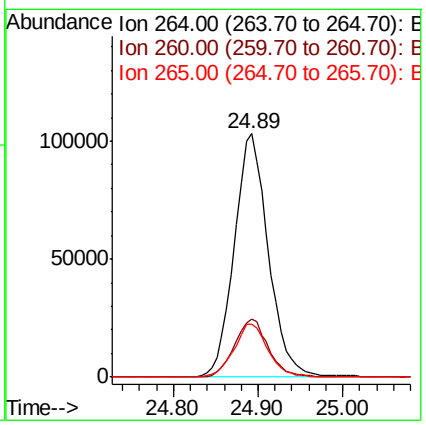


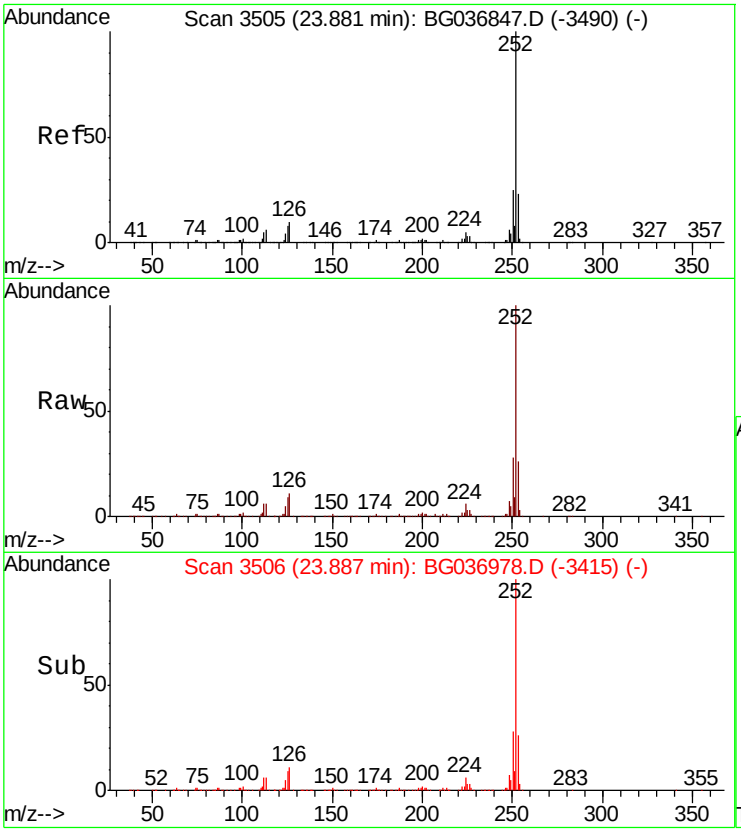




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:264 Resp: 286982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.6 | 29.4 |
| 265 | 21.9 | 17.4 | 26.0 |



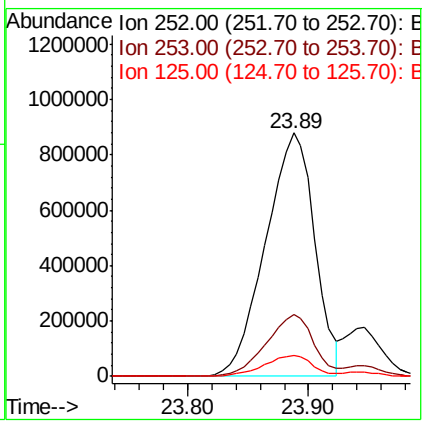


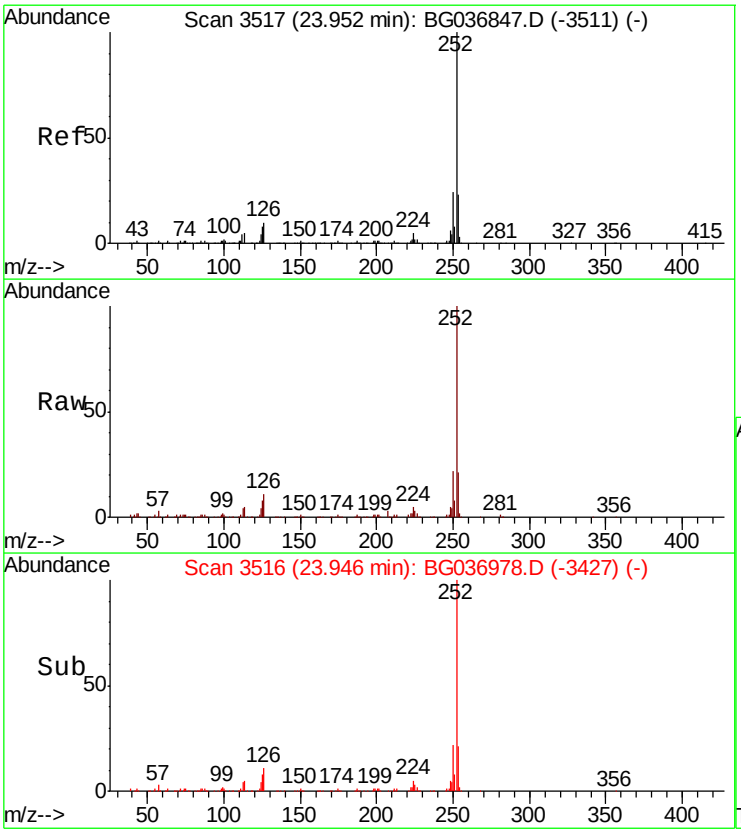

#87
Benzo(b)fluoranthene
Concen: 161.898 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:252 Resp: 2476067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.6 | 17.1 | 25.7 |
| 125 | 8.7 | 6.6 | 10.0 |

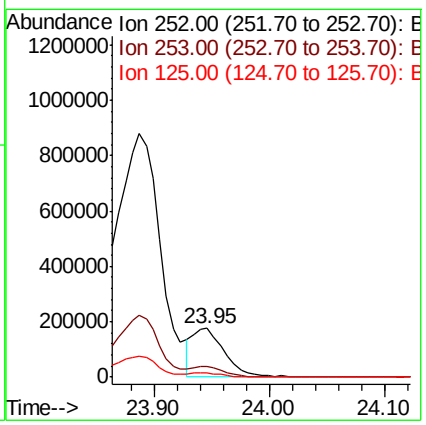


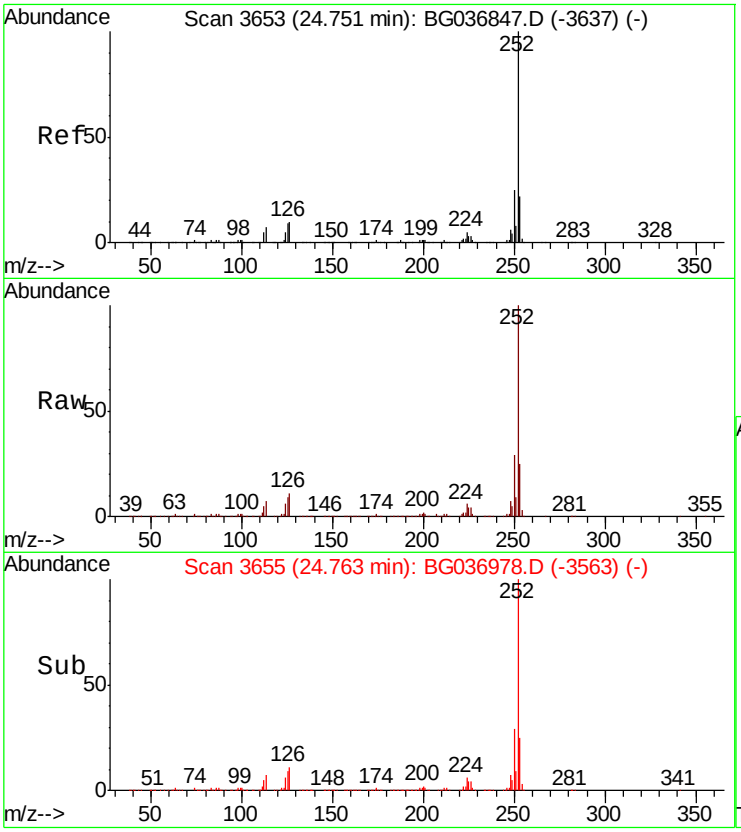




#88
Benzo(k)fluoranthene
Concen: 21.717 ng
RT: 23.95 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:252 Resp: 333227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 18.0 | 27.0 |
| 125 | 7.6 | 7.0 | 10.6 |



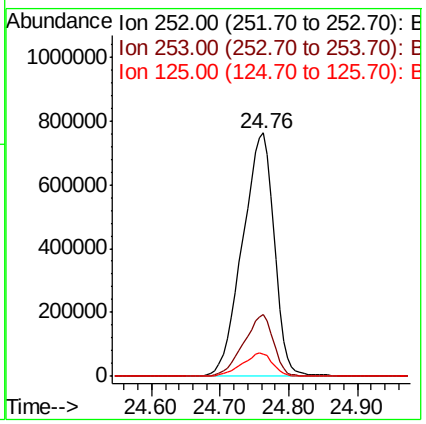


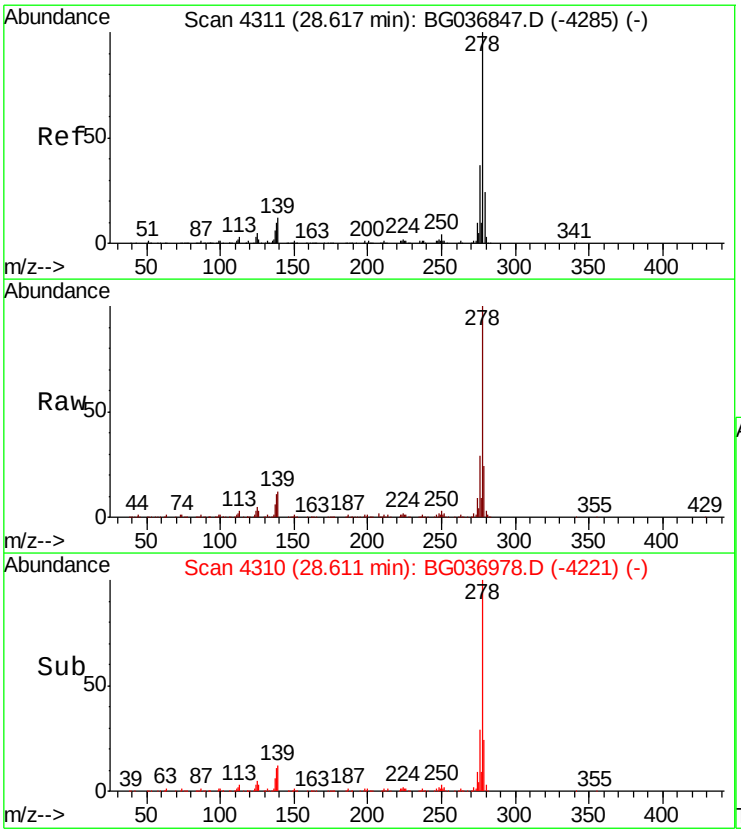

#89
Benzo(a)pyrene
Concen: 165.686 ng
RT: 24.76 min Scan# 3655
Delta R.T. 0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:252 Resp: 2449813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.3 | 18.2 | 27.2 |
| 125 | 9.1 | 7.3 | 10.9 |




#90
Dibenzo(a,h)anthracene
Concen: 72.913 ng
RT: 28.61 min Scan# 4310
Delta R.T. -0.01 min
Lab File: BG036978.D
Acq: 26 Sep 2018 12:01

Tgt Ion:278 Resp: 1010390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.9 | 11.0 | 16.4 |
| 279 | 23.9 | 18.7 | 28.1 |