Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040873.D
Acq On : 11 May 2019 14:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: May 11 15:21:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 62134 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.96 | 136 | 273940 | 20.00 | ng | | -0.03 |
| 39) Acenaphthene-d10 | 14.76 | 164 | 204179 | 20.00 | ng | | -0.03 |
| 64) Phenanthrene-d10 | 17.51 | 188 | 510861 | 20.00 | ng | | -0.03 |
| 76) Chrysene-d12 | 21.80 | 240 | 518159 | 20.00 | ng | | -0.03 |
| 87) Perylene-d12 | 25.15 | 264 | 564245 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.66 | 112 | 287591 | 81.59 | ng | | -0.02 |
| 7) Phenol-d6 | 7.27 | 99 | 442376 | 81.51 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 516299 | 87.09 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 266279 | 94.88 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 13.39 | 172 | 1162148 | 82.20 | ng | | -0.03 |
| 79) Terphenyl-d14 | 20.10 | 244 | 1958055 | 83.72 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.54 | 88 | 61535 | 38.387 | ng | | 91 |
| 3) Pyridine | 3.94 | 79 | 184333 | 39.672 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.86 | 42 | 97566 | 37.857 | ng | # | 92 |
| 6) Aniline | 7.46 | 93 | 282992 | 39.340 | ng | | 99 |
| 8) 2-Chlorophenol | 7.69 | 128 | 178078 | 41.376 | ng | | 94 |
| 9) Benzaldehyde | 7.27 | 77 | 128213 | 39.148 | ng | | 95 |
| 10) Phenol | 7.30 | 94 | 236687 | 40.571 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.55 | 93 | 177370 | 40.544 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 8.02 | 146 | 196482 | 41.825 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.17 | 146 | 200608 | 42.125 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.49 | 146 | 190948 | 41.577 | ng | | 98 |
| 15) Benzyl Alcohol | 8.37 | 79 | 215400 | 38.144 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65 | 45 | 290909 | 33.400 | ng | | 96 |
| 17) 2-Methylphenol | 8.56 | 107 | 166761 | 40.391 | ng | | 93 |
| 18) Hexachloroethane | 9.22 | 117 | 80704 | 41.313 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.94 | 70 | 186017 | 38.076 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.89 | 107 | 238080 | 41.395 | ng | | 99 |
| 22) Acetophenone | 8.96 | 105 | 319310 | 41.918 | ng | # | 94 |
| 24) Nitrobenzene | 9.36 | 77 | 270934 | 42.832 | ng | | 93 |
| 25) Isophorone | 9.87 | 82 | 517756 | 39.206 | ng | | 99 |
| 26) 2-Nitrophenol | 10.07 | 139 | 120123 | 52.978 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.10 | 122 | 172619 | 40.575 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.35 | 93 | 262393 | 39.602 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.59 | 162 | 218154 | 45.105 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.82 | 180 | 242992 | 45.305 | ng | | 100 |
| 31) Naphthalene | 11.01 | 128 | 601680 | 41.342 | ng | | 99 |
| 32) Benzoic acid | 10.25 | 122 | 150773 | 51.769 | ng | | 96 |
| 33) 4-Chloroaniline | 11.11 | 127 | 269956 | 41.836 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.27 | 225 | 189513 | 47.860 | ng | | 99 |
| 35) Caprolactam | 11.91 | 113 | 79222 | 41.488 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 12.22 | 107 | 253828 | 41.601 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.61 | 142 | 452792 | 41.612 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.82 | 142 | 445510 | 41.887 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.96 | 216 | 338807 | 44.544 | ng | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040873.D
Acq On : 11 May 2019 14:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: May 11 15:21:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.93 | 237 | 202586 | 45.137 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.20 | 196 | 209887 | 45.663 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.27 | 196 | 226365 | 45.208 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.60 | 154 | 635872 | 40.111 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.65 | 162 | 508025 | 40.950 | ng | | 97 |
| 48) 2-Nitroaniline | 13.86 | 65 | 193557 | 43.830 | ng | | 92 |
| 49) Acenaphthylene | 14.49 | 152 | 820801 | 38.996 | ng | | 99 |
| 50) Dimethylphthalate | 14.22 | 163 | 701886 | 41.086 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.35 | 165 | 156466 | 46.929 | ng | | 90 |
| 52) Acenaphthene | 14.83 | 154 | 472839 | 38.574 | ng | | 96 |
| 53) 3-Nitroaniline | 14.68 | 138 | 151039 | 44.213 | ng | # | 95 |
| 54) 2,4-Dinitrophenol | 14.87 | 184 | 103734 | 57.343 | ng | | 88 |
| 55) Dibenzofuran | 15.16 | 168 | 819107 | 40.797 | ng | | 99 |
| 56) 4-Nitrophenol | 14.96 | 139 | 128051 | 43.228 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 15.13 | 165 | 227879 | 50.298 | ng | | 87 |
| 58) Fluorene | 15.81 | 166 | 643724 | 39.668 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.38 | 232 | 226915 | 45.025 | ng | | 96 |
| 60) Diethylphthalate | 15.57 | 149 | 718150 | 39.843 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.80 | 204 | 413442 | 43.805 | ng | | 95 |
| 62) 4-Nitroaniline | 15.84 | 138 | 166468 | 43.562 | ng | | 90 |
| 63) Azobenzene | 16.09 | 77 | 667797 | 35.976 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 15.89 | 198 | 146239 | 56.603 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 16.01 | 169 | 586358 | 39.012 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.69 | 248 | 272493 | 42.814 | ng | | 94 |
| 68) Hexachlorobenzene | 16.80 | 284 | 281933 | 42.840 | ng | | 96 |
| 69) Atrazine | 16.95 | 200 | 207294 | 34.811 | ng | | 99 |
| 70) Pentachlorophenol | 17.15 | 266 | 182209 | 47.315 | ng | | 98 |
| 71) Phenanthrene | 17.55 | 178 | 1094390 | 39.772 | ng | | 98 |
| 72) Anthracene | 17.64 | 178 | 1085688 | 39.253 | ng | | 98 |
| 73) Carbazole | 17.91 | 167 | 999577 | 39.667 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.45 | 149 | 1166302 | 38.346 | ng | | 100 |
| 75) Fluoranthene | 19.55 | 202 | 1397109 | 40.744 | ng | | 99 |
| 77) Benzidine | 19.73 | 184 | 562776 | 39.667 | ng | | 99 |
| 78) Pyrene | 19.92 | 202 | 1407102 | 43.328 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.78 | 149 | 543998 | 42.978 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.77 | 228 | 1409068 | 43.028 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.68 | 252 | 538969 | 46.175 | ng | | 97 |
| 83) Chrysene | 21.84 | 228 | 1358609 | 43.623 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 751772 | 41.145 | ng | | 96 |
| 85) Di-n-octyl phthalate | 22.89 | 149 | 1252972 | 40.719 | ng | | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 28.99 | 276 | 1682854 | 44.691 | ng | # | 91 |
| 88) Benzo(b)fluoranthene | 24.07 | 252 | 1413589 | 40.997 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.15 | 252 | 1346272 | 41.808 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.99 | 252 | 1352955 | 41.453 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.07 | 278 | 1366123 | 41.361 | ng | # | 97 |
| 92) Benzo(g,h,i)perylene | 30.22 | 276 | 1367094 | 41.589 | ng | | 96 |

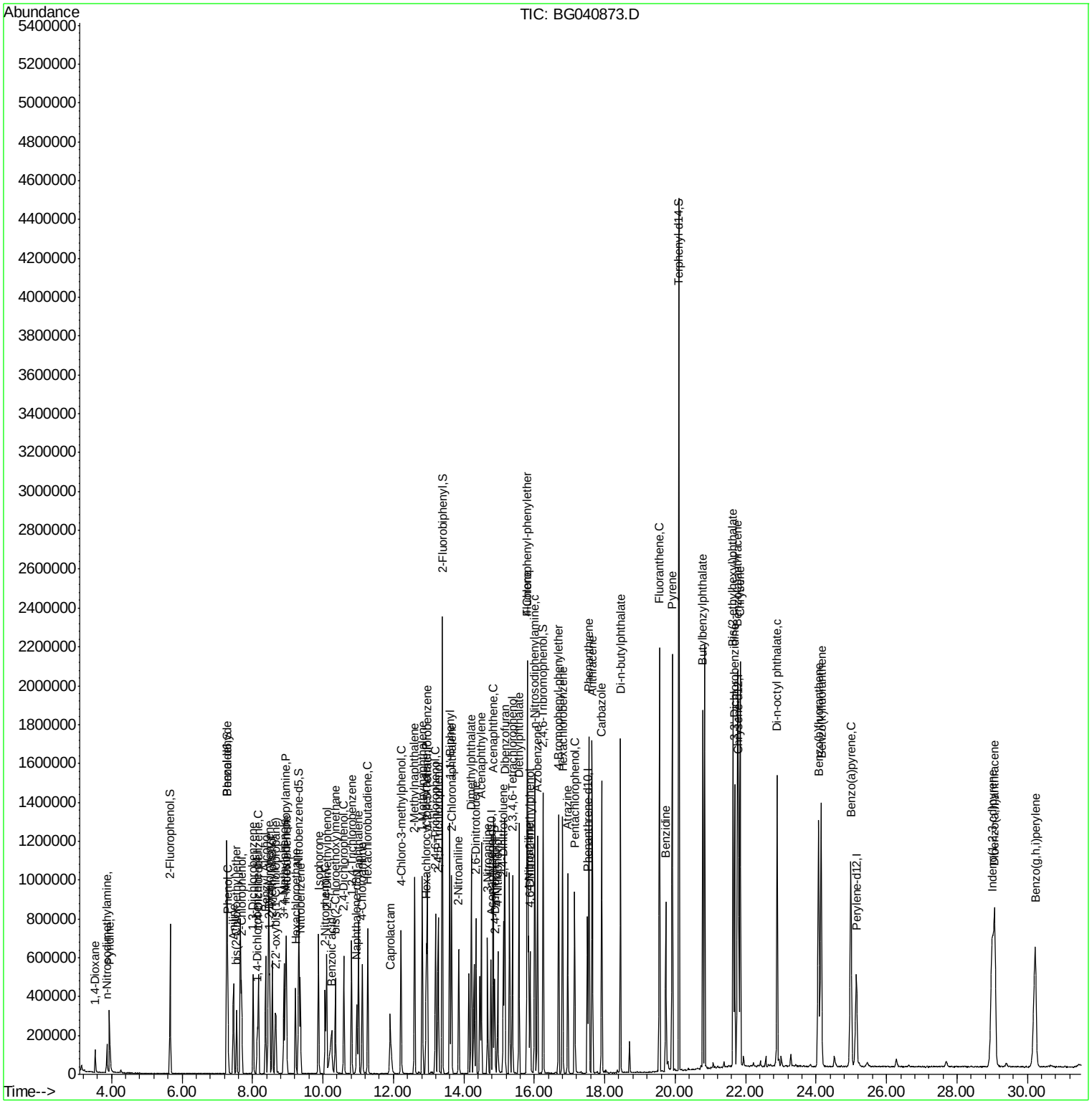
(#) = qualifier out of range (m) = manual integration (+) = signals summed

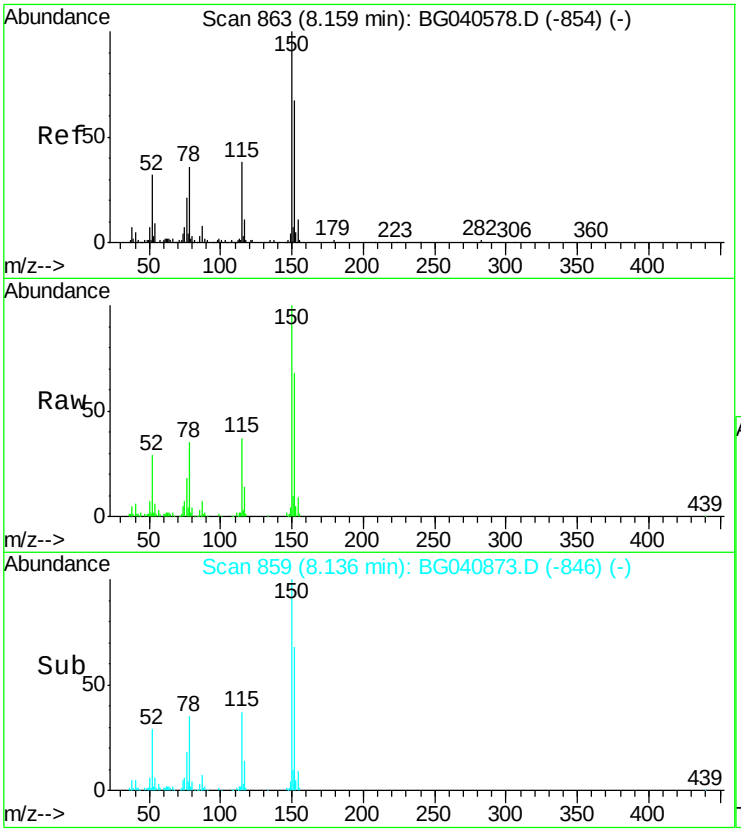
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040873.D
Acq On : 11 May 2019 14:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Quant Time: May 11 15:21:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration



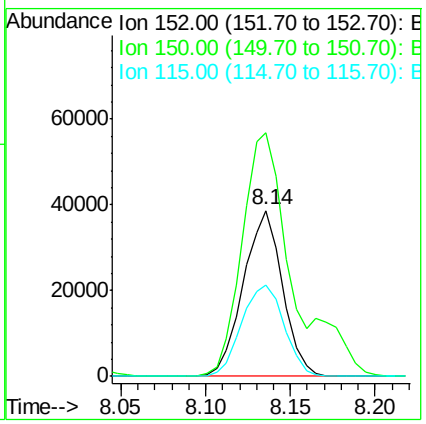


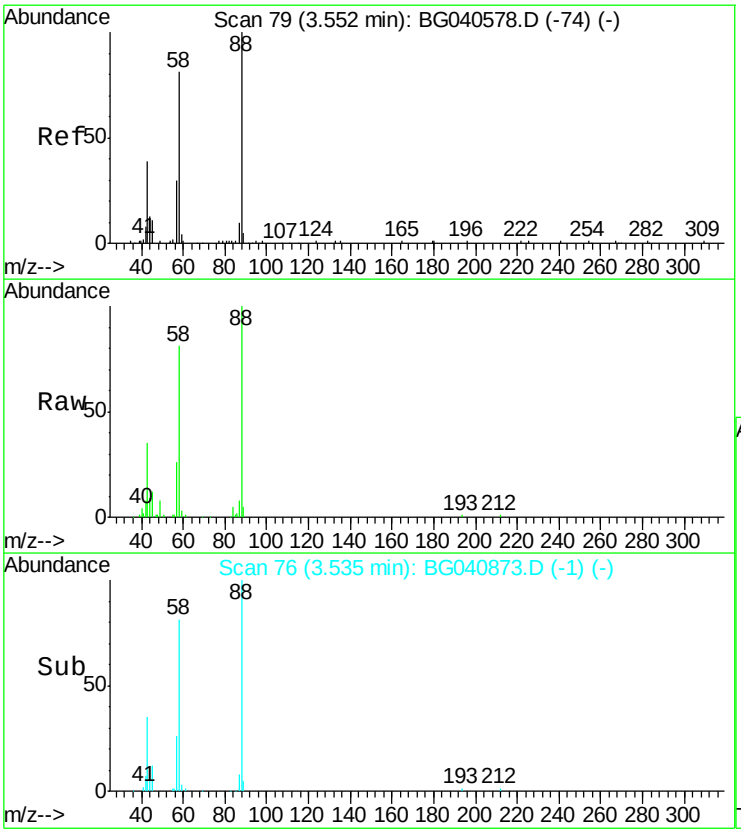

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 62134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 146.8 | 120.2 | 180.2 |
| 115 | 55.0 | 46.2 | 69.2 |

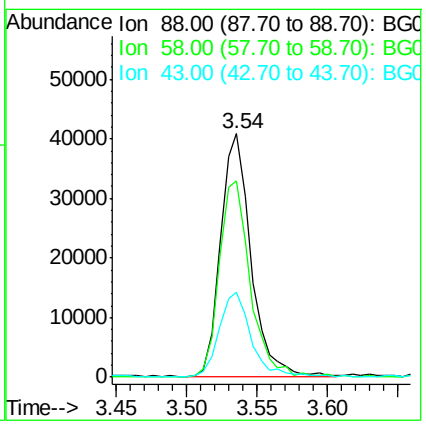


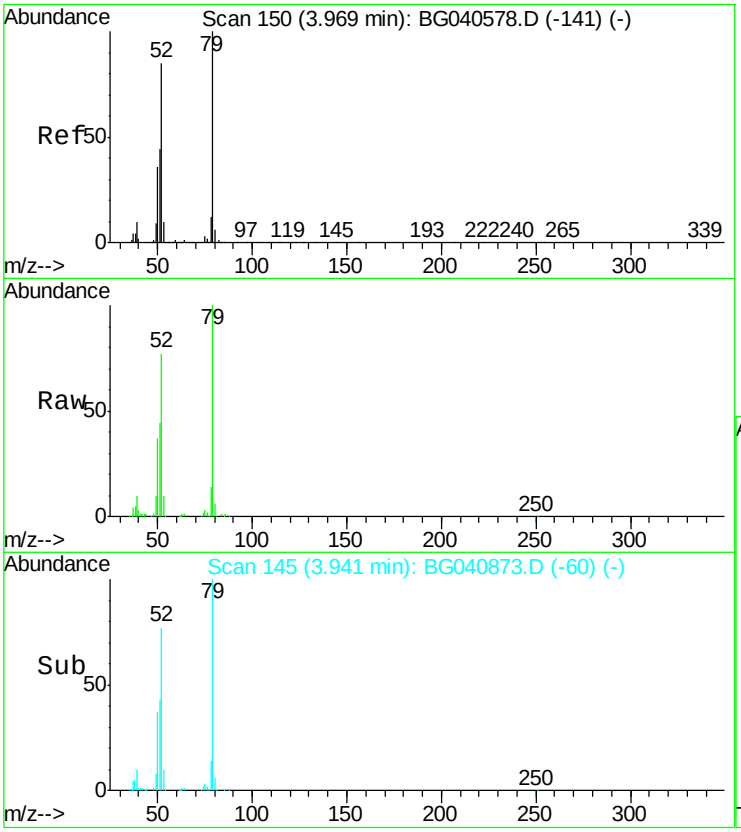




#2
1,4-Dioxane
Concen: 38.387 ng
RT: 3.54 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion: 88 Resp: 61535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.9 | 71.2 | 106.8 |
| 43 | 37.0 | 35.6 | 53.4 |



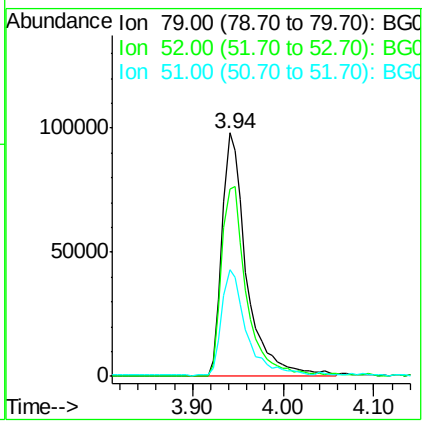


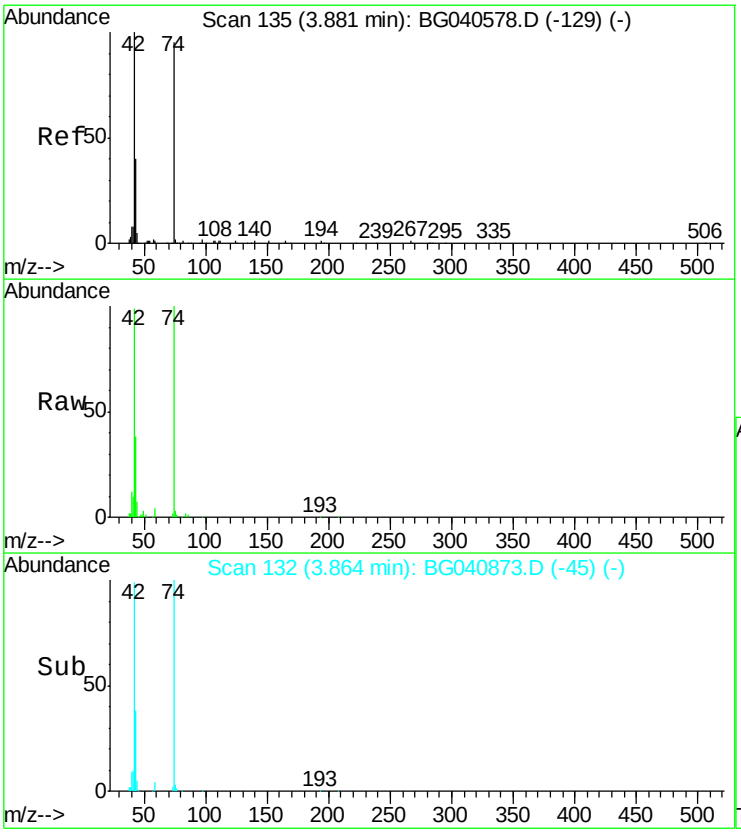

#3
Pyridine
Concen: 39.672 ng
RT: 3.94 min Scan# 145
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 184333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 76.8 | 67.5 | 101.3 |
| 51 | 43.7 | 35.6 | 53.4 |

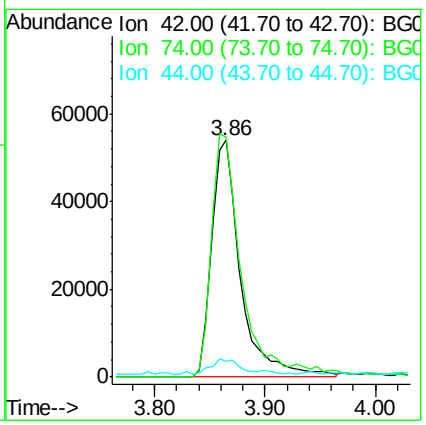


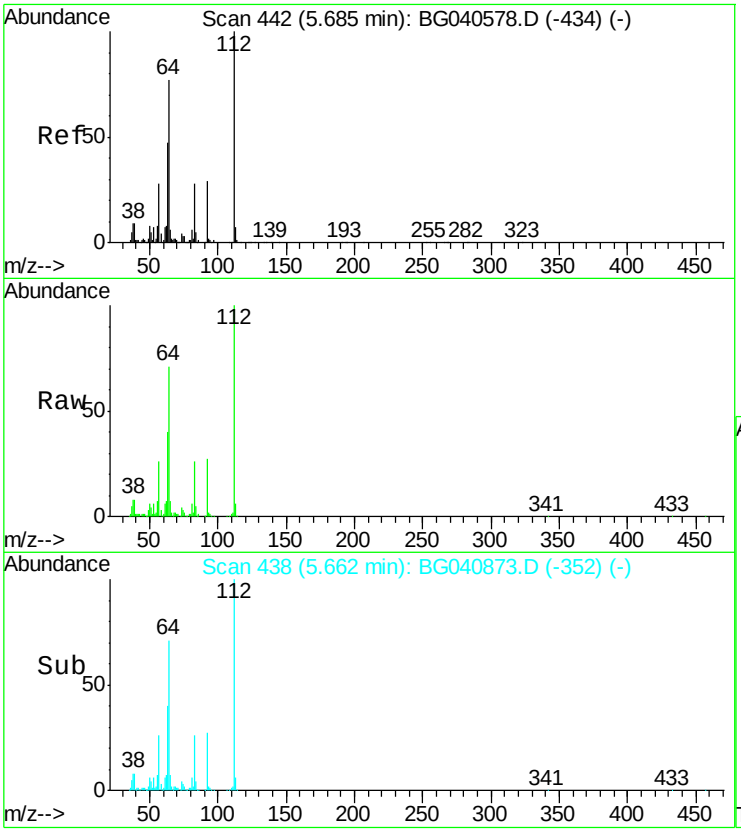




#4
n-Nitrosodimethylamine
Concen: 37.857 ng
RT: 3.86 min Scan# 132
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion: 42 Resp: 97566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 101.2 | 74.6 | 111.8 |
| 44 | 6.6 | 7.4 | 11.0# |



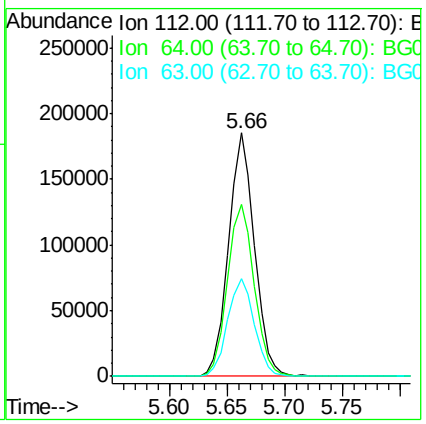


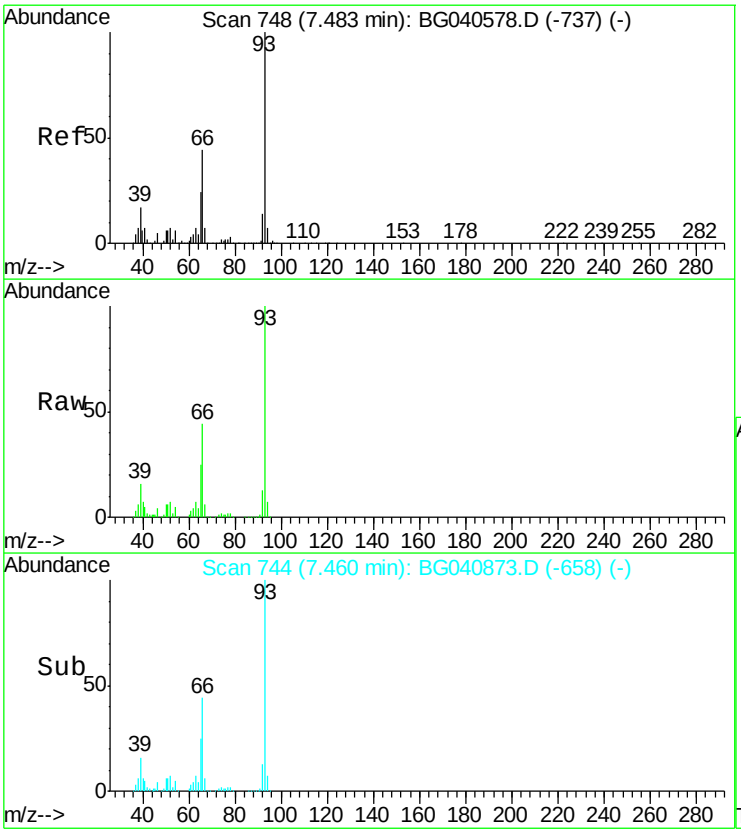

#5
2-Fluorophenol
Concen: 81.591 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 287591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.5 | 61.4 | 92.0 |
| 63 | 40.3 | 37.8 | 56.6 |

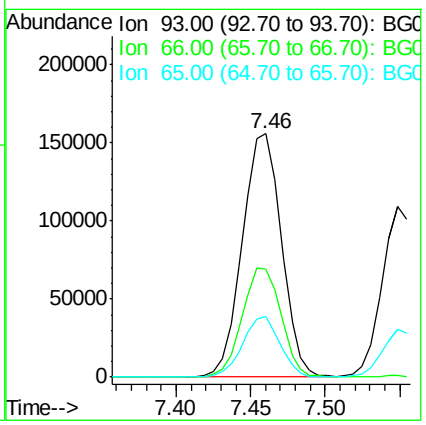


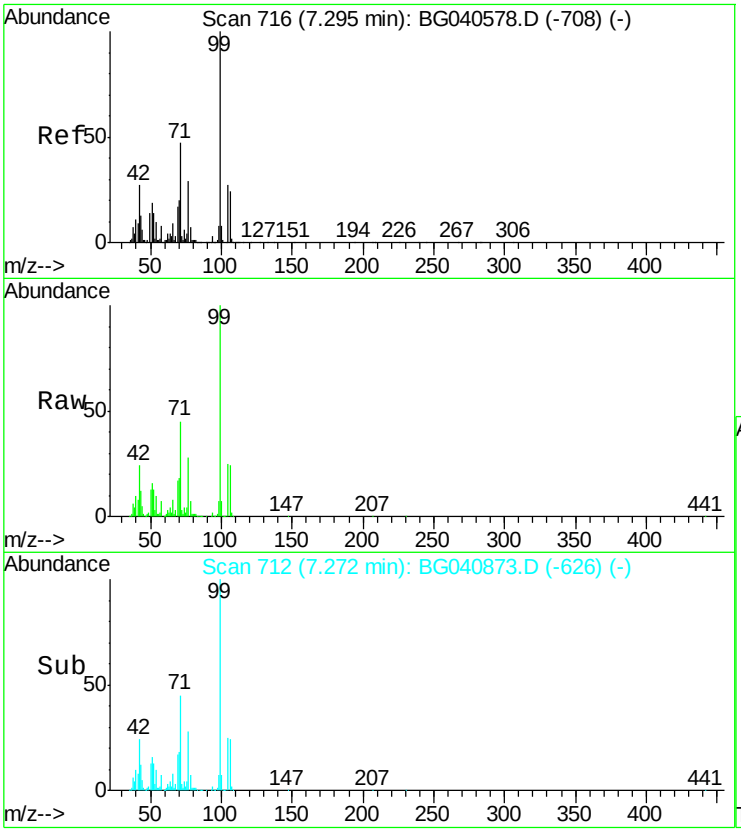




#6
Aniline
Concen: 39.340 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion: 93 Resp: 282992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.2 | 35.5 | 53.3 |
| 65 | 24.9 | 19.2 | 28.8 |



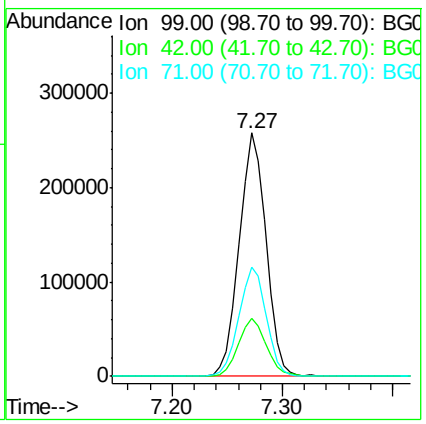


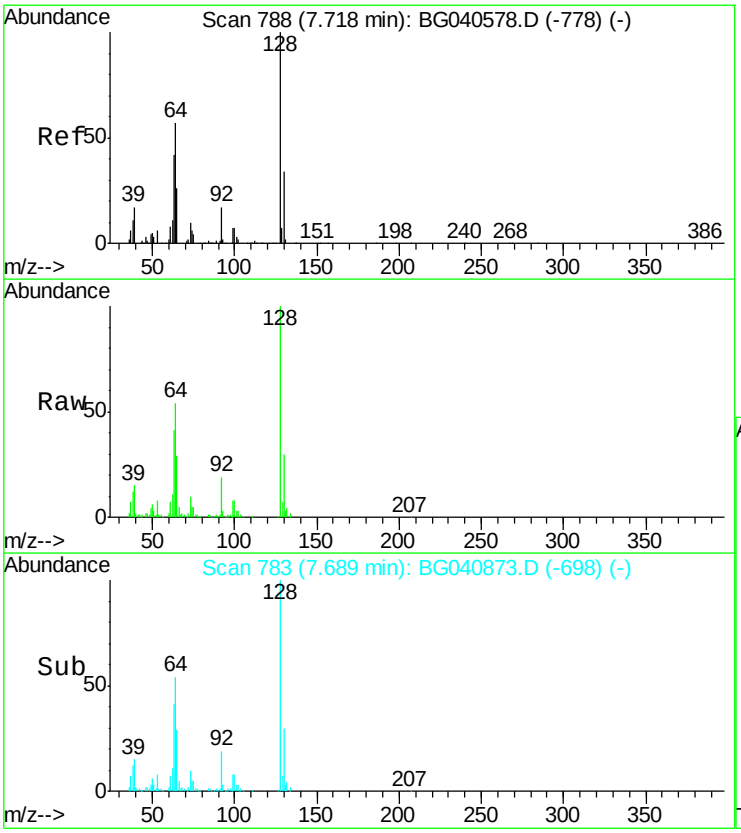

#7
Phenol-d6
Concen: 81.511 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 442376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.7 | 21.8 | 32.8 |
| 71 | 45.1 | 38.6 | 57.8 |

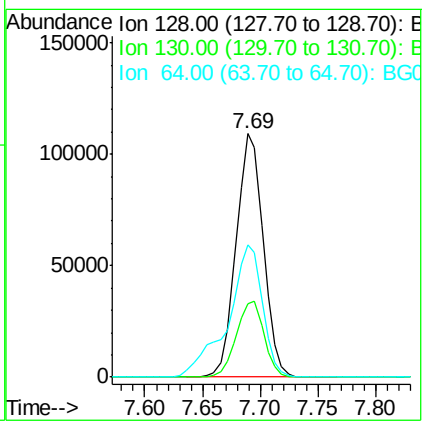


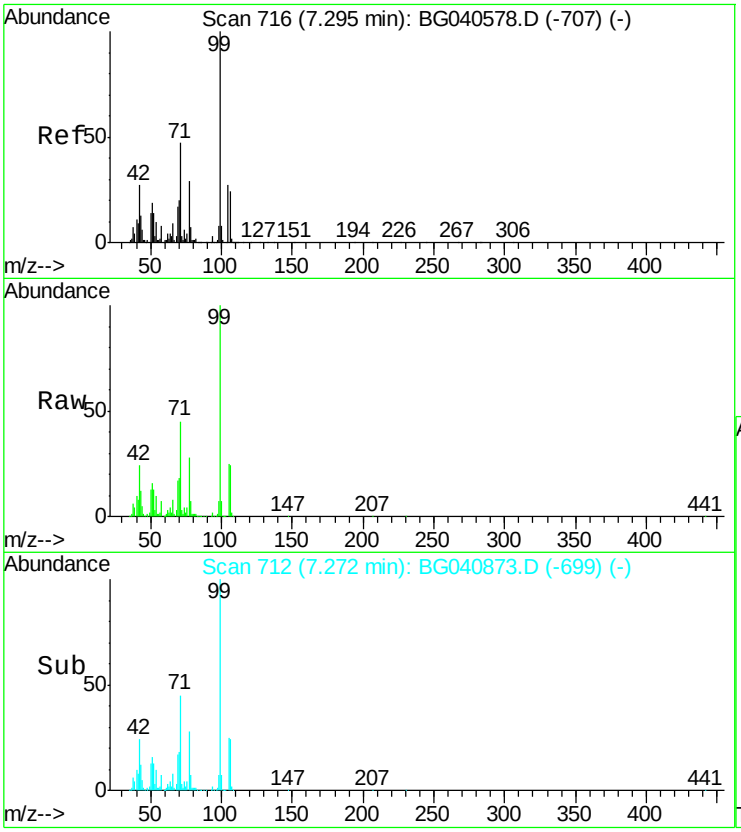




#8
2-Chlorophenol
Concen: 41.376 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:128 Resp: 178078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.1 | 14.5 | 54.5 |
| 64 | 54.5 | 38.4 | 78.4 |



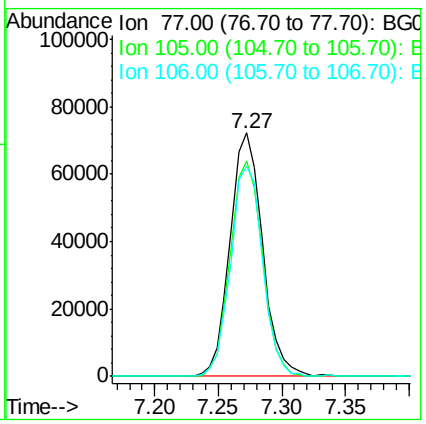


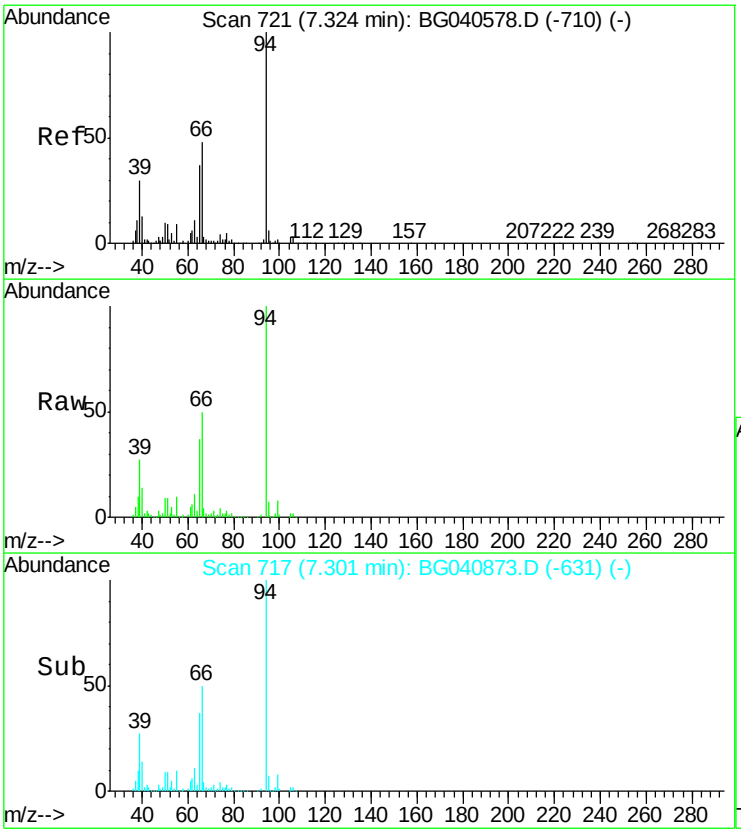

#9
Benzaldehyde
Concen:  39.148 ng
RT: 7.27 min  Scan# 712
Delta R.T.  -0.02 min
Lab File:  BG040873.D
Acq: 11 May 2019  14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp:  128213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 88.4 | 72.0 | 112.0 |
| 106 | 86.6 | 61.2 | 101.2 |

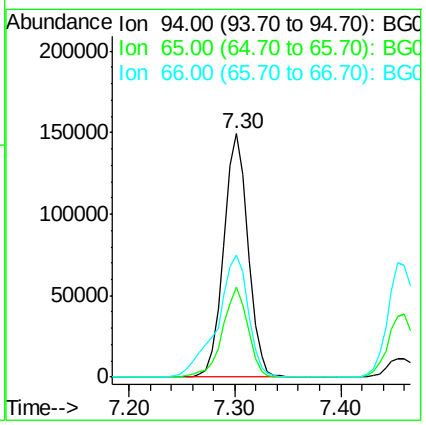


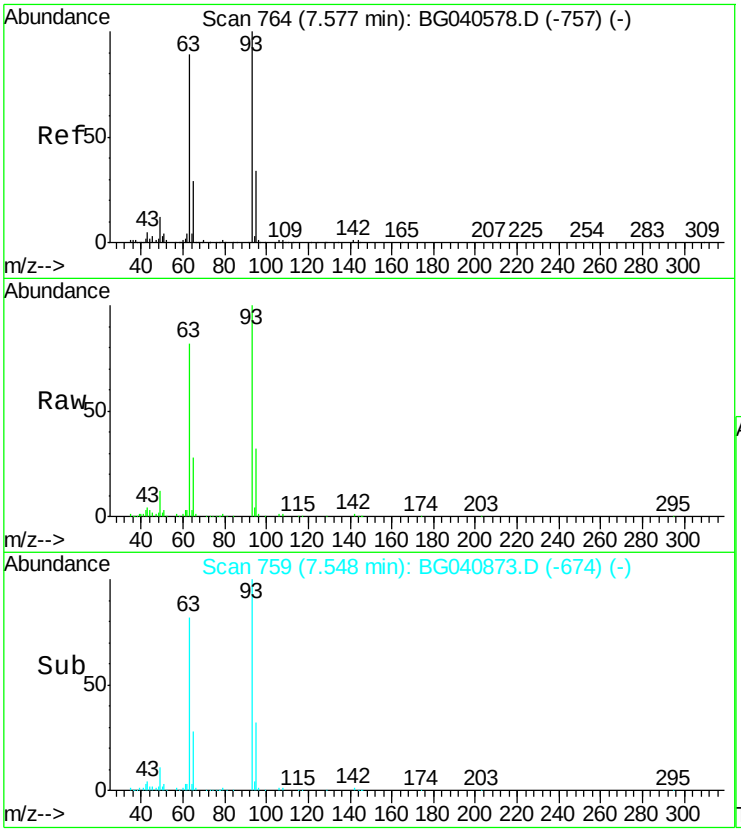




#10
Phenol
Concen:  40.571 ng
RT: 7.30 min  Scan# 717
Delta R.T.  -0.02 min
Lab File:  BG040873.D
Acq: 11 May 2019  14:47

Tgt Ion: 94 Resp:  236687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.1 | 17.0 | 57.0 |
| 66 | 50.2 | 28.6 | 68.6 |



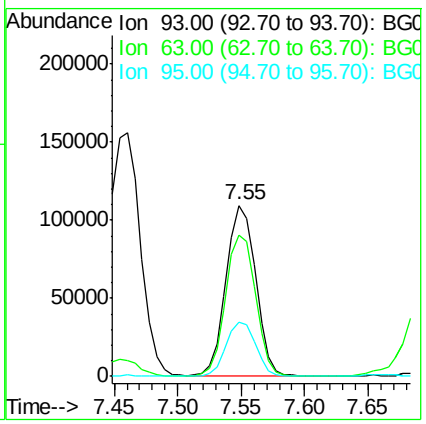


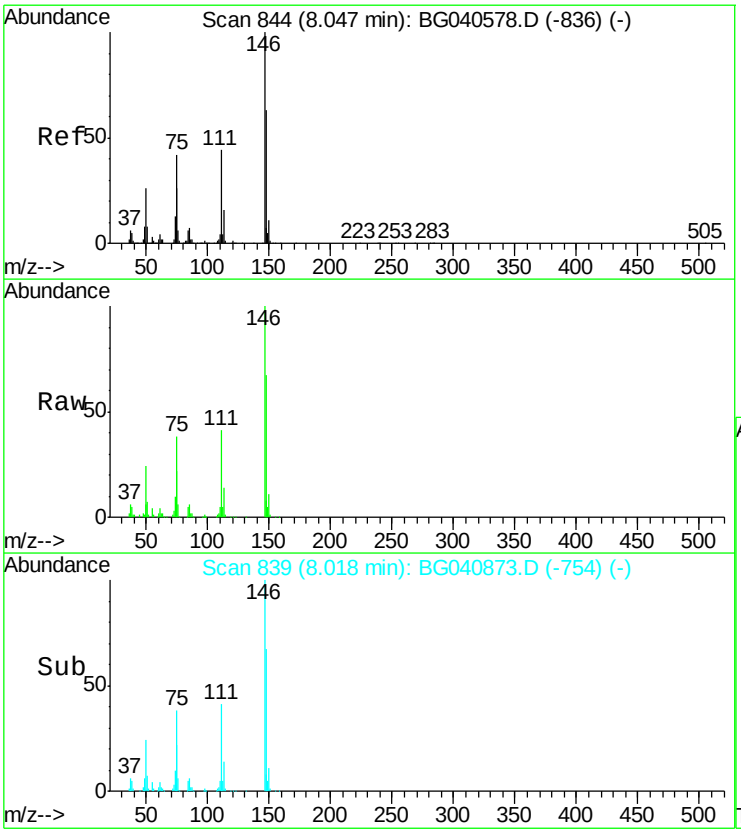

#11
bis(2-Chloroethyl)ether
Concen: 40.544 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 177370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.3 | 68.2 | 108.2 |
| 95 | 32.0 | 14.3 | 54.3 |

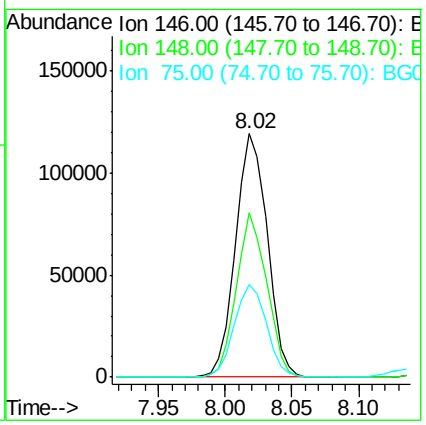


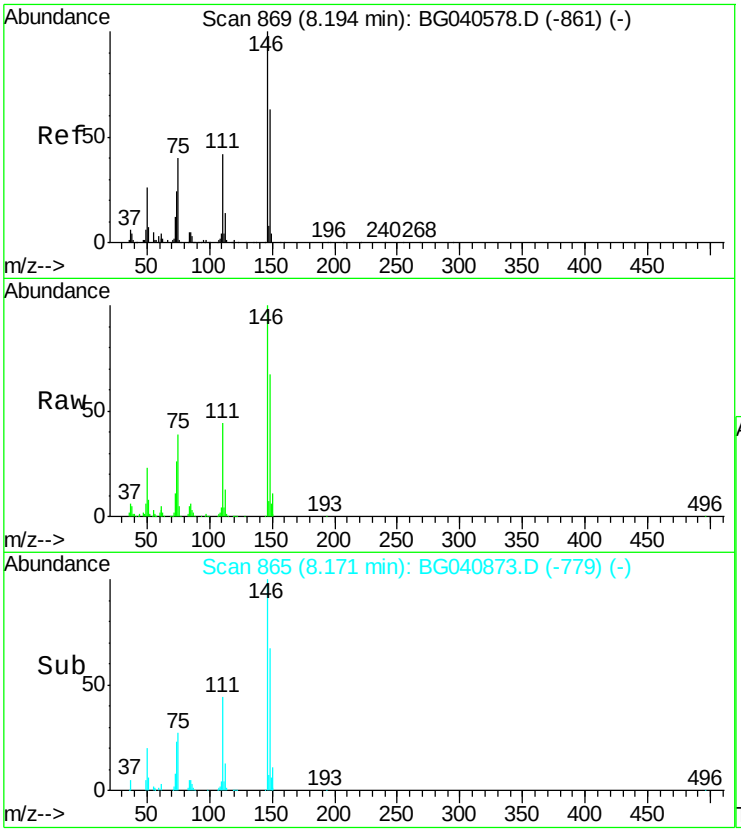




#12
1,3-Dichlorobenzene
Concen: 41.825 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:146 Resp: 196482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.4 | 50.7 | 76.1 |
| 75 | 38.1 | 33.4 | 50.2 |



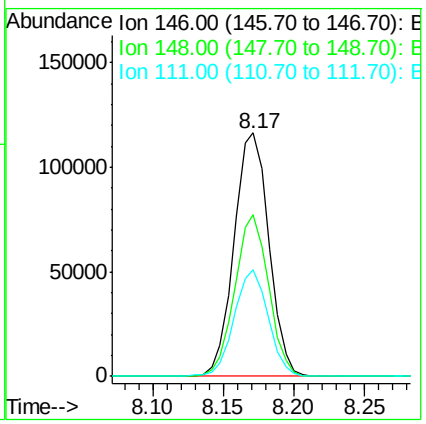


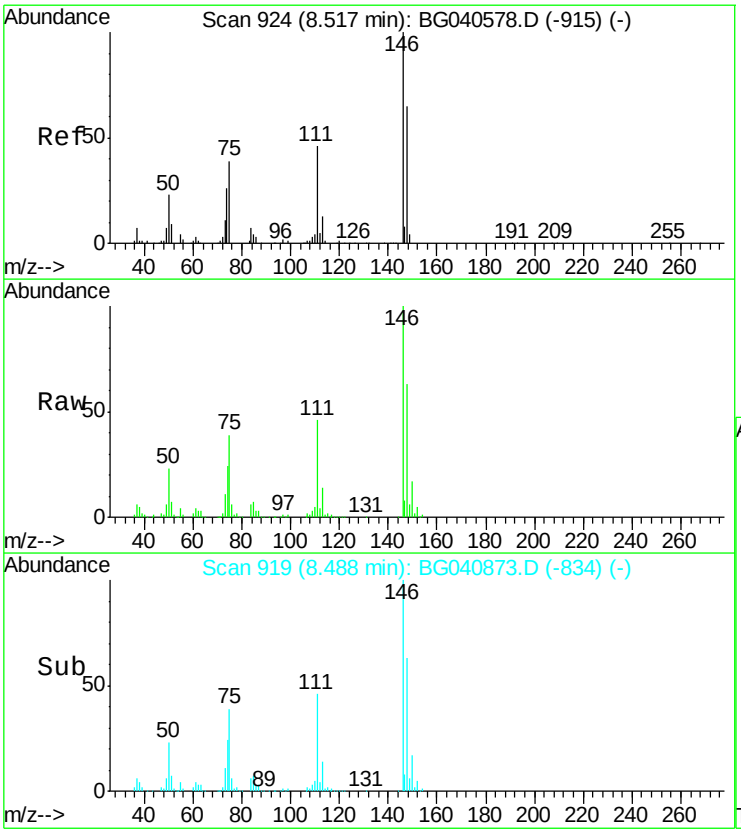

#13
1,4-Dichlorobenzene
Concen: 42.125 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 200608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.5 | 50.6 | 75.8 |
| 111 | 43.6 | 34.3 | 51.5 |

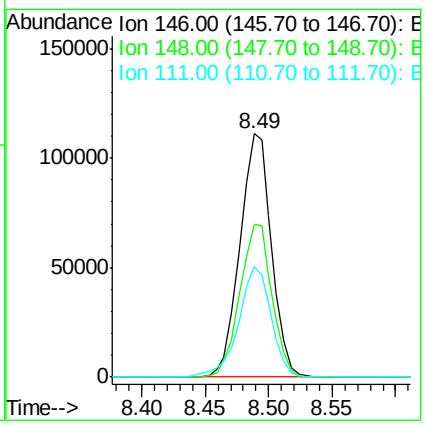


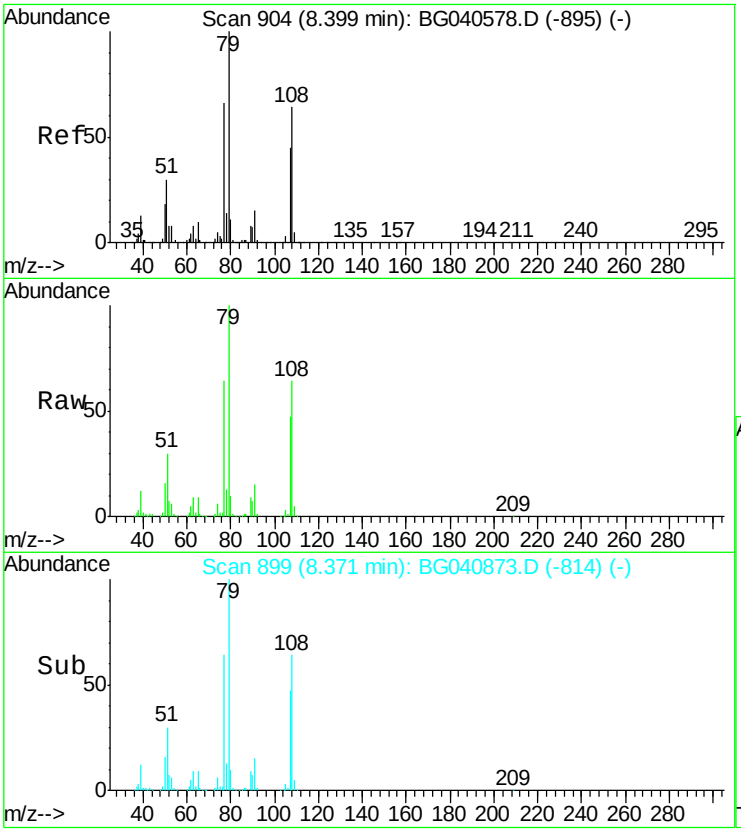




#14
1,2-Dichlorobenzene
Concen: 41.577 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:146 Resp: 190948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 52.2 | 78.4 |
| 111 | 45.6 | 37.4 | 56.0 |



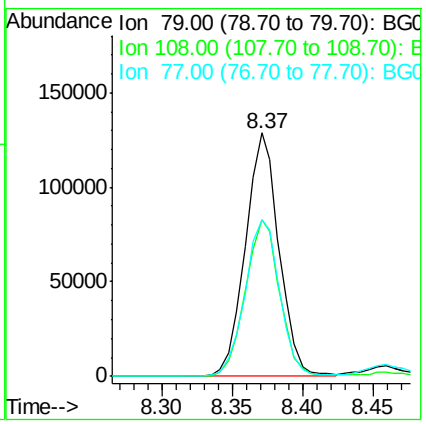


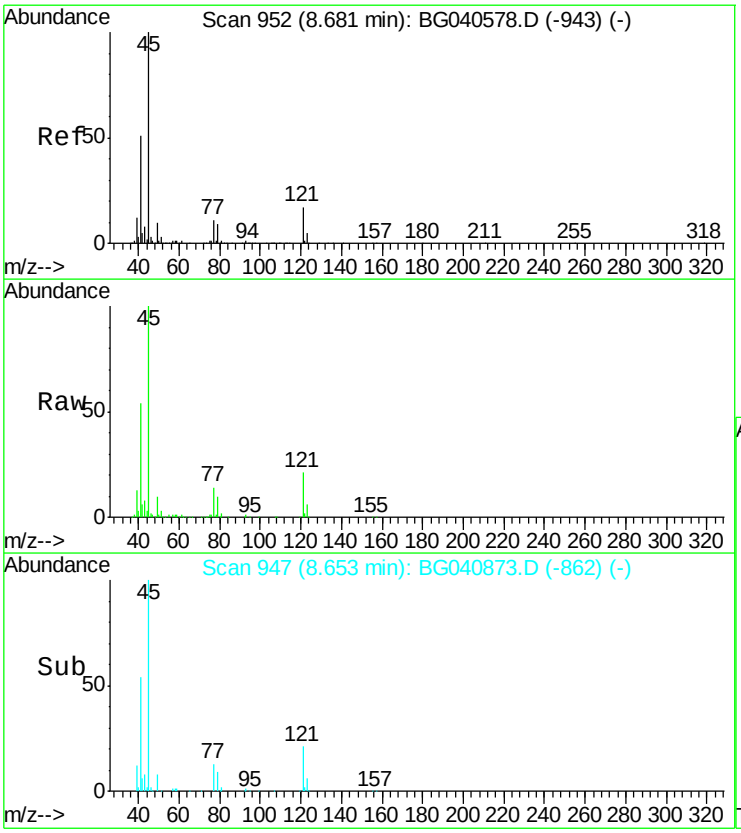

#15
Benzyl Alcohol
Concen: 38.144 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 215400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 64.3 | 51.4 | 77.0 |
| 77 | 64.3 | 52.6 | 79.0 |

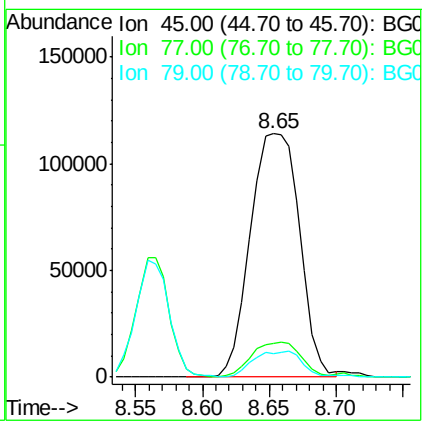


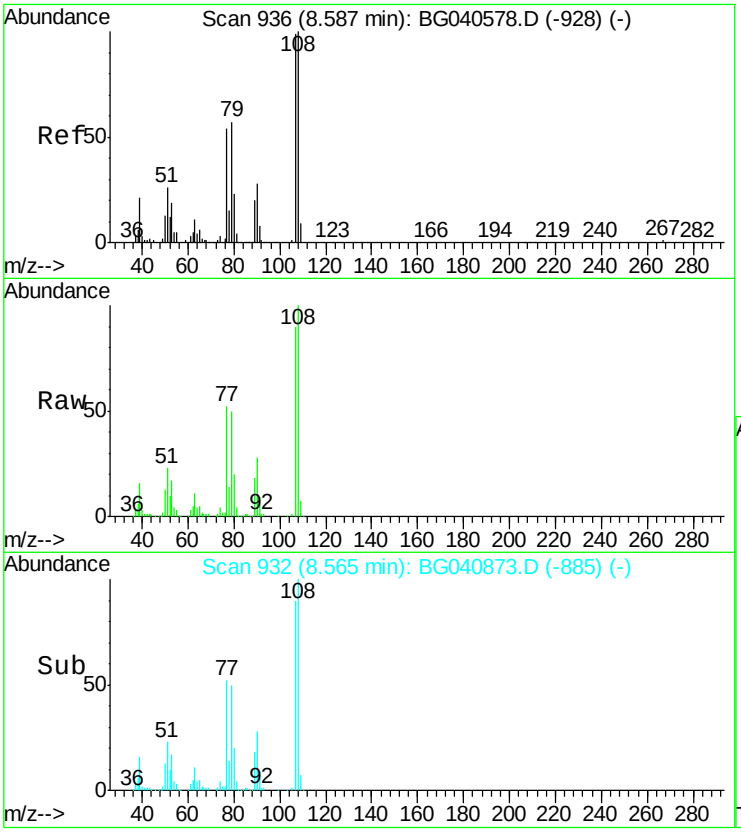




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.400 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion: 45 Resp: 290909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.7 | 0.0 | 31.5 |
| 79 | 9.7 | 0.0 | 29.4 |



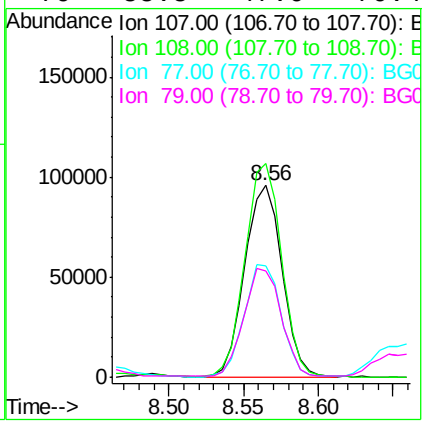


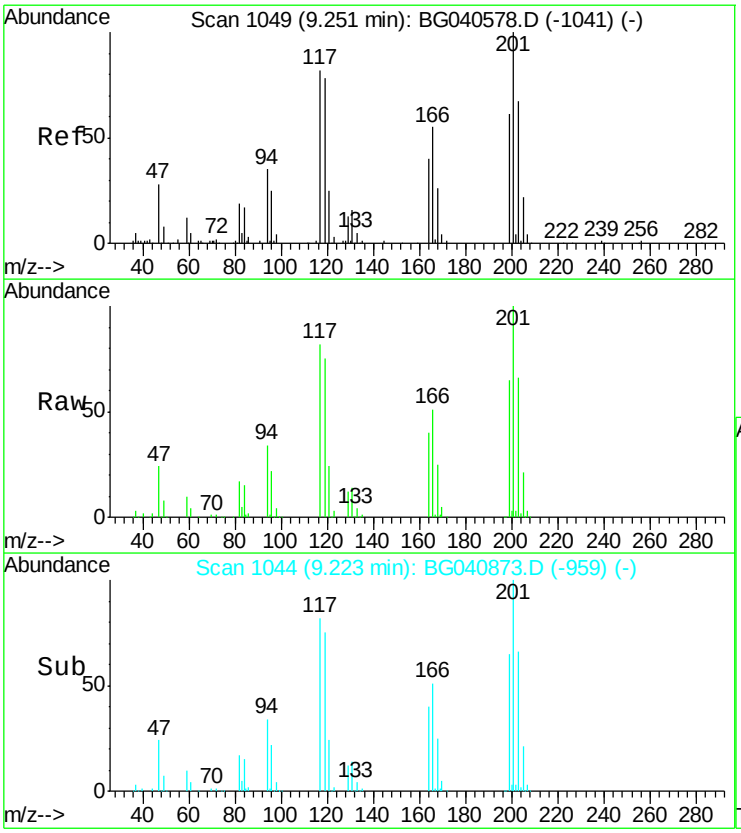

#17
2-Methylphenol
Concen: 40.391 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 166761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.3 | 81.2 | 121.8 |
| 77 | 58.2 | 44.4 | 66.6 |
| 79 | 55.5 | 47.0 | 70.4 |

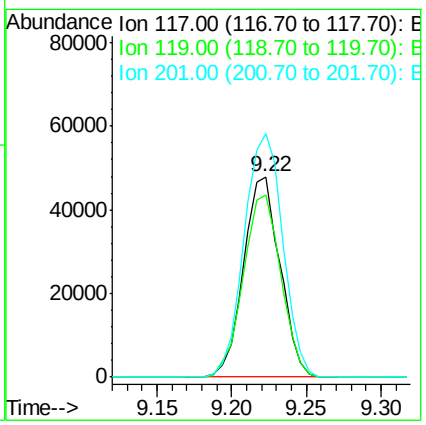


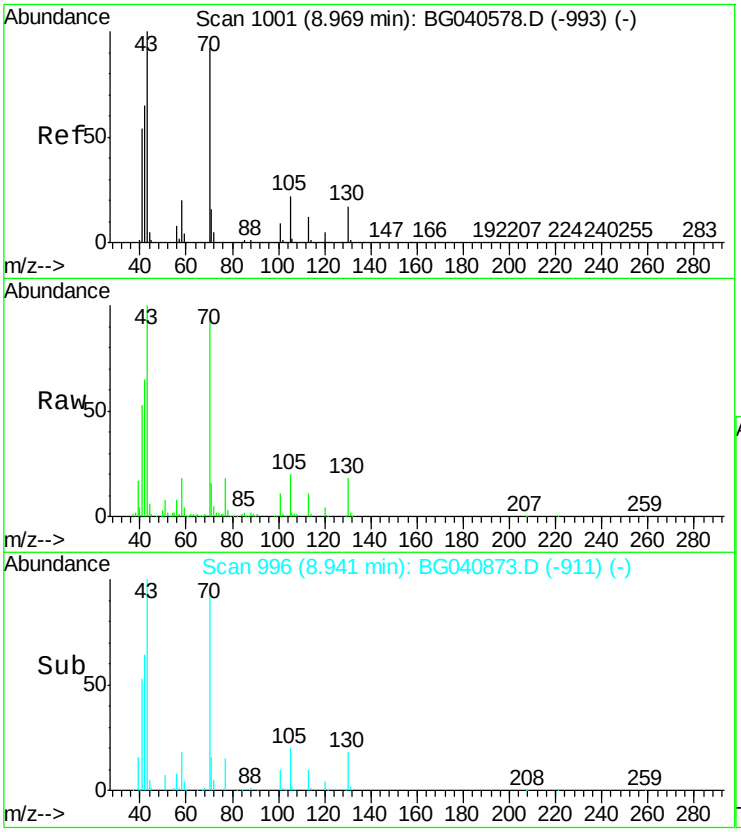




#18
Hexachloroethane
Concen: 41.313 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:117 Resp: 80704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.2 | 76.6 | 114.8 |
| 201 | 121.4 | 101.0 | 151.6 |



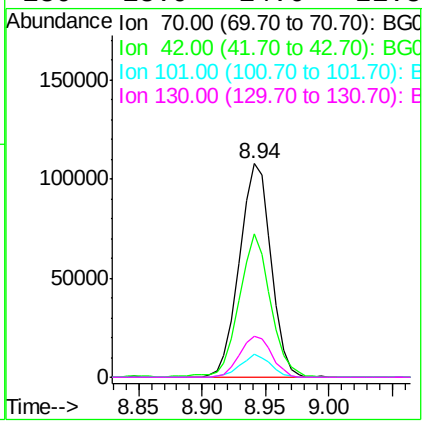


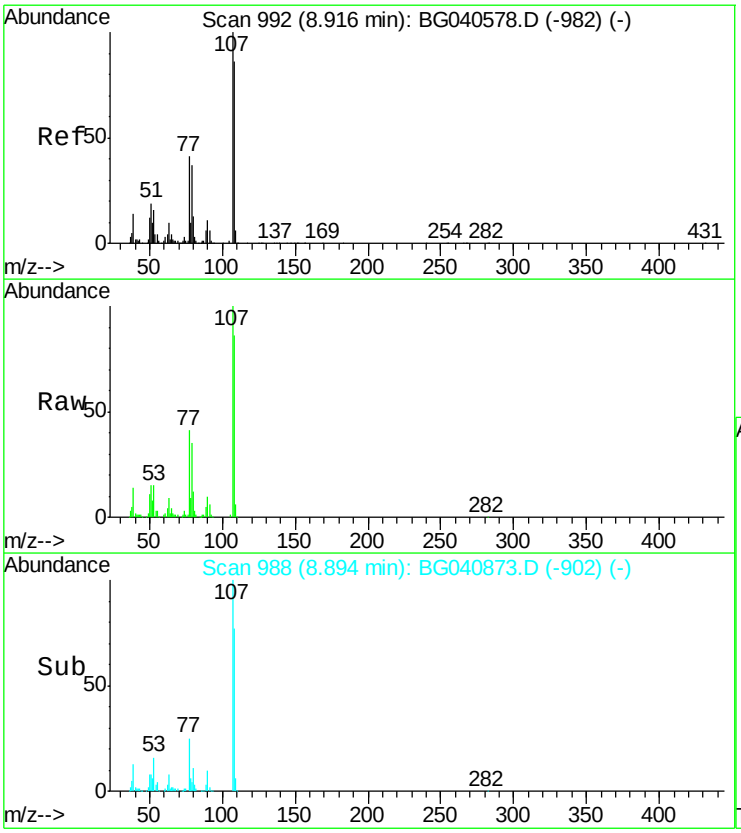

#19
n-Nitroso-di-n-propylamine
Concen: 38.076 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 186017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.3 | 57.1 | 85.7 |
| 101 | 11.0 | 7.8 | 11.8 |
| 130 | 18.9 | 14.6 | 21.8 |

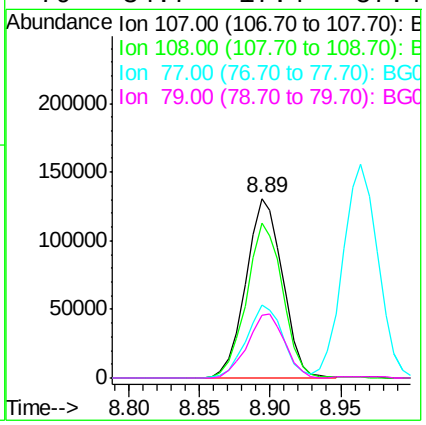


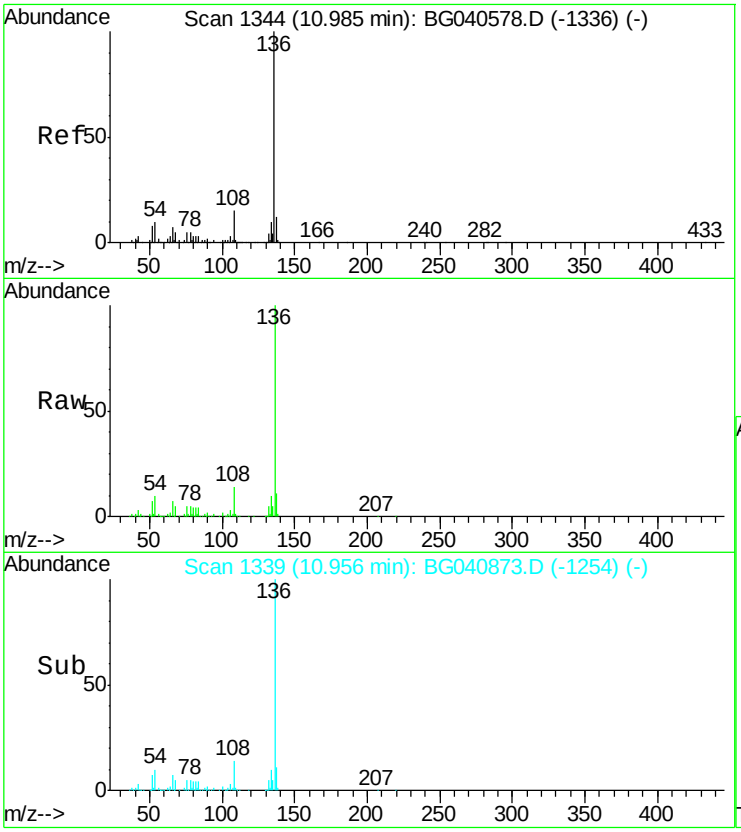




#20
3+4-Methylphenols
Concen: 41.395 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:107 Resp: 238080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.0 | 66.1 | 106.1 |
| 77 | 40.7 | 21.6 | 61.6 |
| 79 | 34.7 | 17.4 | 57.4 |



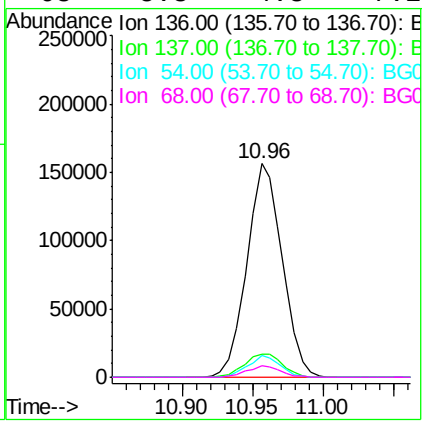


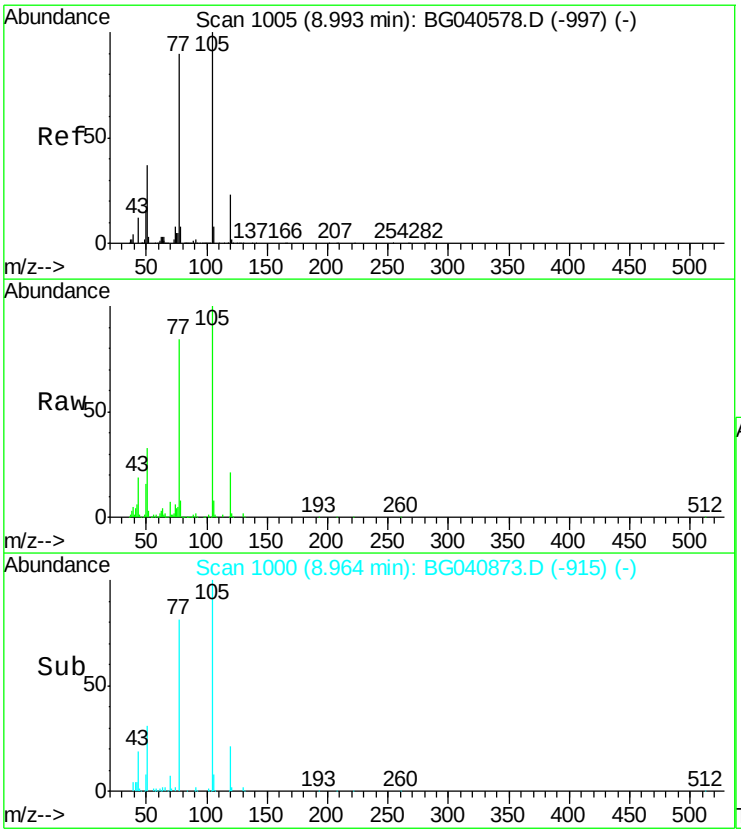

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 273940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.7 | 14.5 |
| 54 | 10.1 | 8.6 | 12.8 |
| 68 | 5.3 | 4.8 | 7.2 |

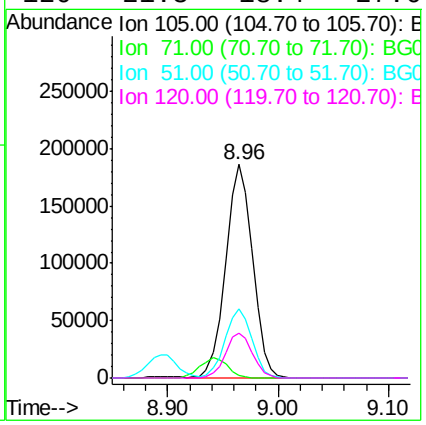


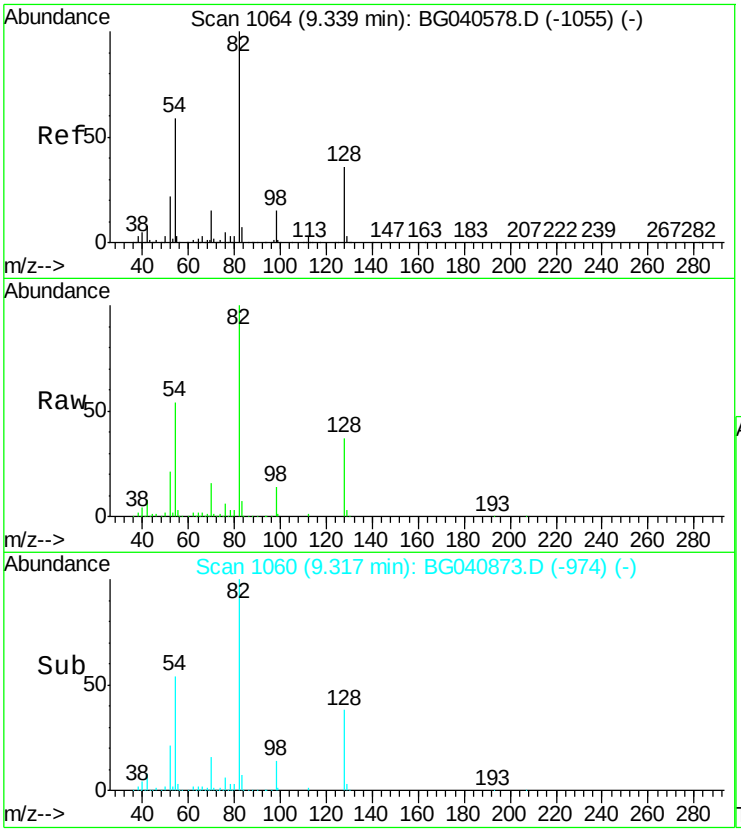




#22
Acetophenone
Concen: 41.918 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:105 Resp: 319310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.1 | 1.8 | 2.8# |
| 51 | 32.5 | 29.8 | 44.8 |
| 120 | 21.3 | 18.4 | 27.6 |



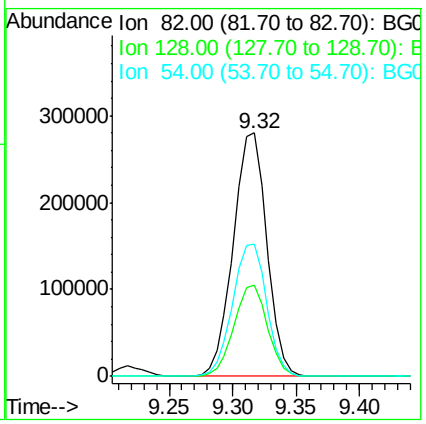


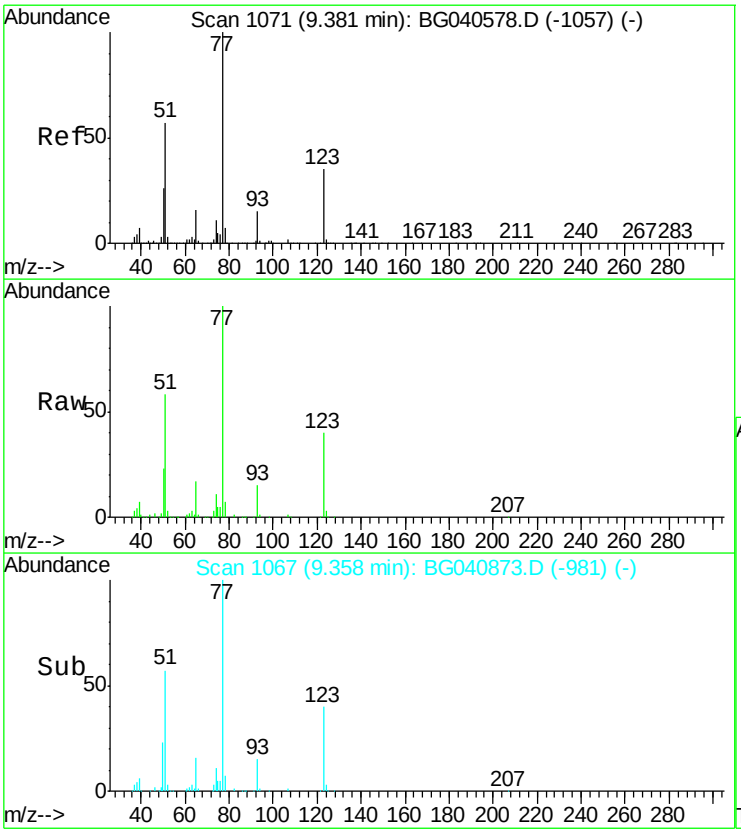

#23
Nitrobenzene-d5
Concen: 87.086 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 516299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.5 | 28.9 | 43.3 |
| 54 | 54.3 | 47.2 | 70.8 |

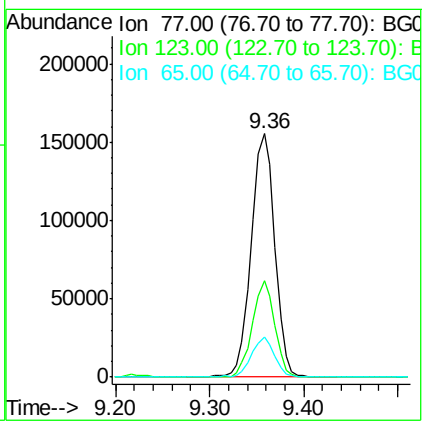


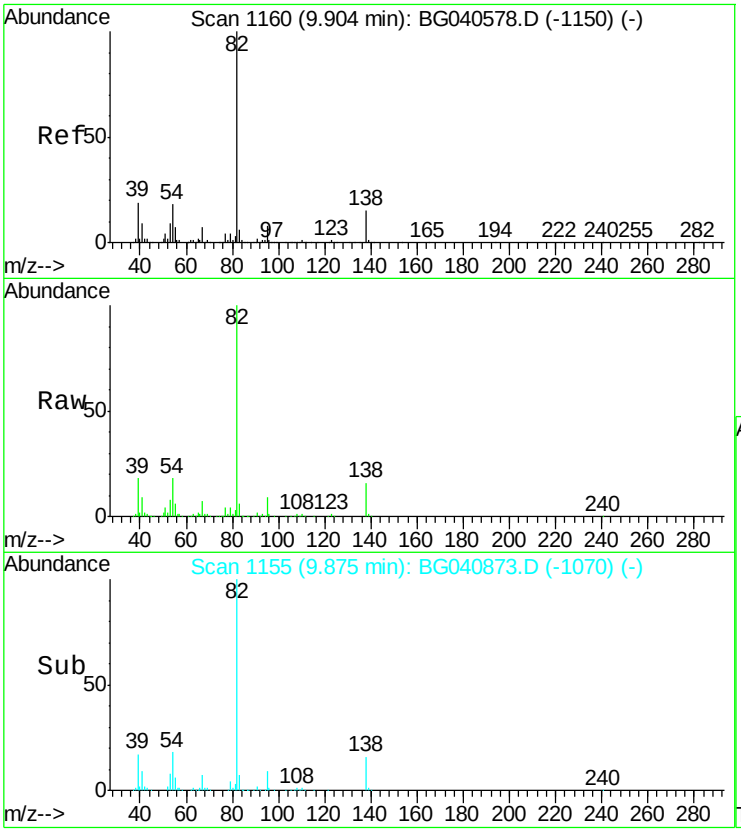




#24
Nitrobenzene
Concen: 42.832 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion: 77 Resp: 270934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 39.8 | 27.8 | 41.6 |
| 65 | 16.6 | 12.4 | 18.6 |



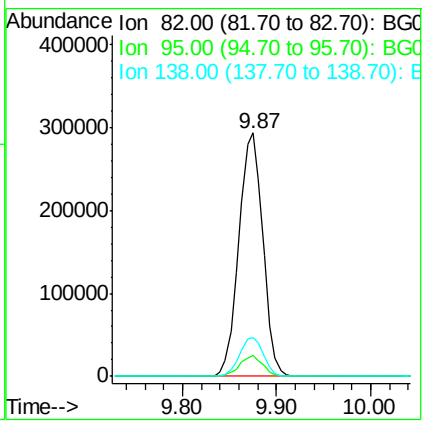


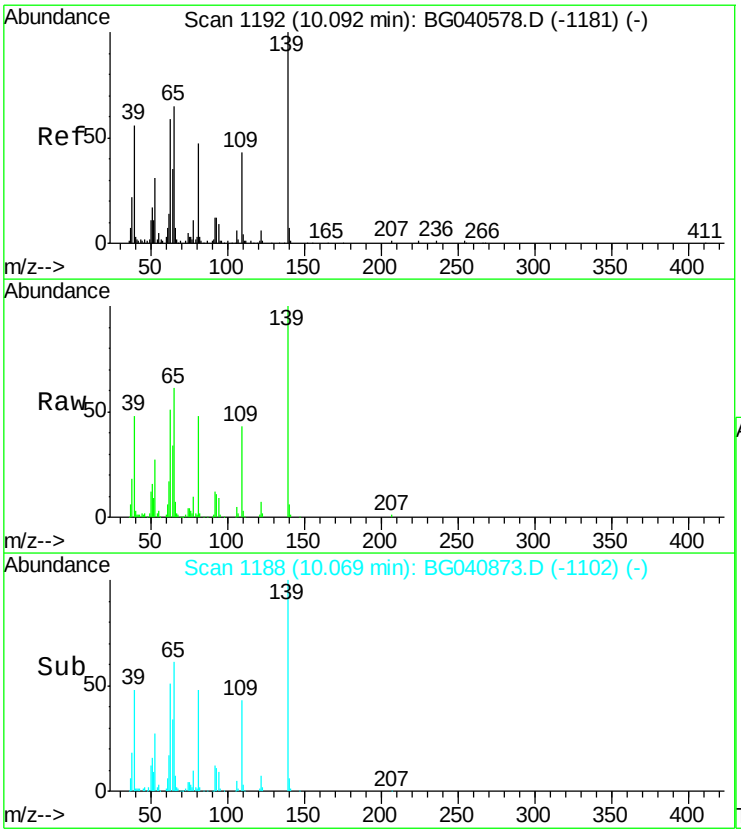

#25
Isophorone
Concen: 39.206 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 517756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.6 | 6.9 | 10.3 |
| 138 | 15.8 | 12.3 | 18.5 |

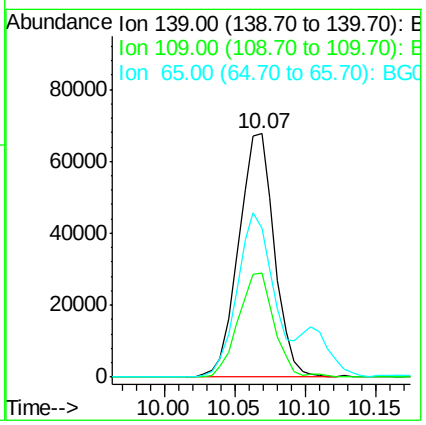


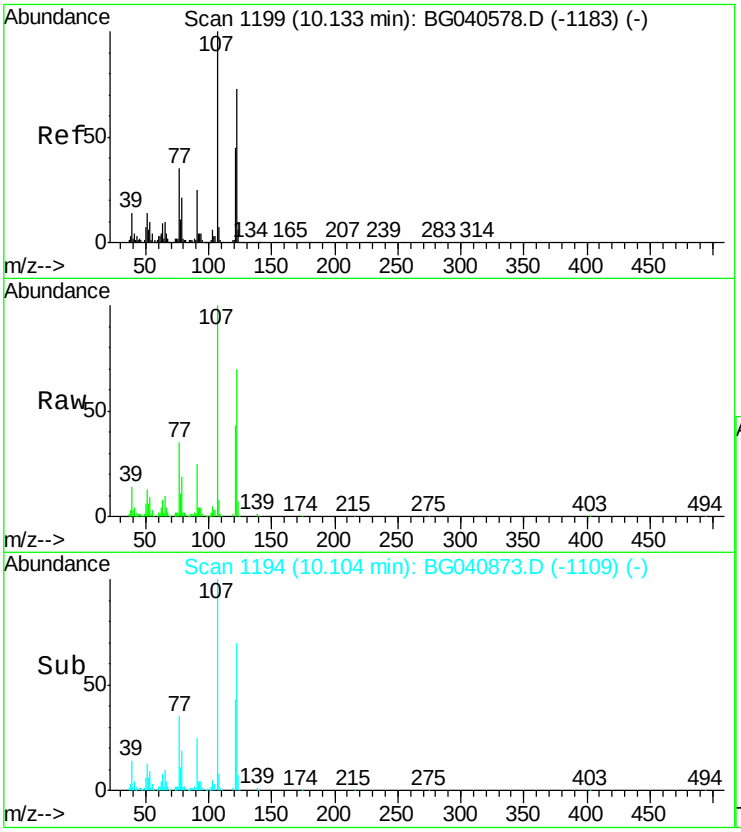




#26
2-Nitrophenol
Concen: 52.978 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:139 Resp: 120123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 43.0 | 35.6 | 53.4 |
| 65 | 61.2 | 52.3 | 78.5 |



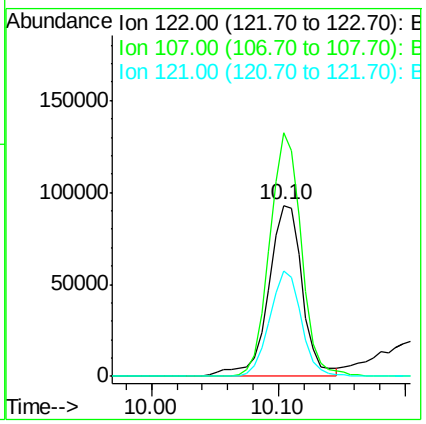


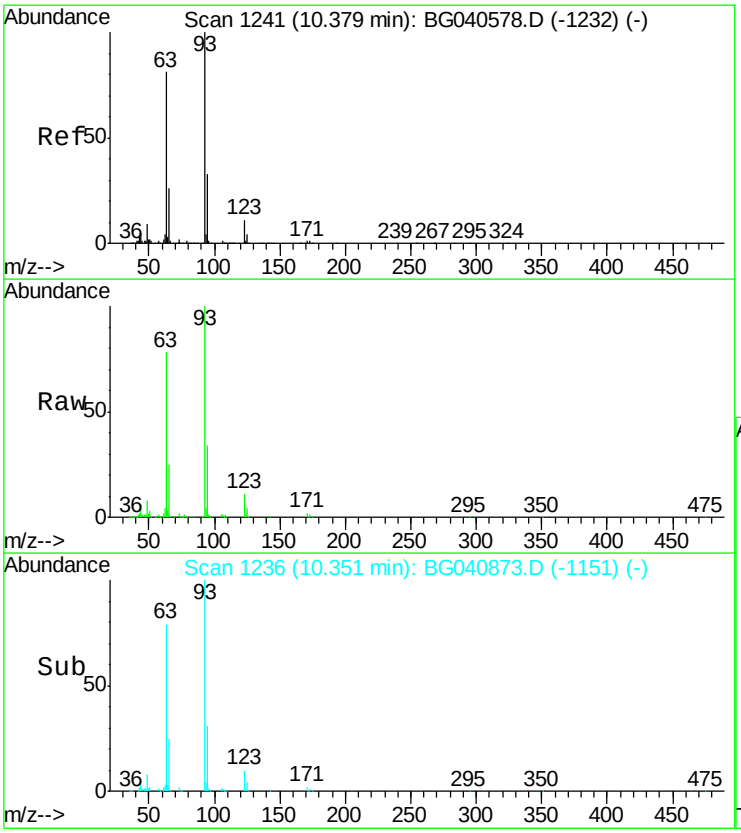

#27
2,4-Dimethylphenol
Concen: 40.575 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 172619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 142.2 | 110.1 | 165.1 |
| 121 | 61.6 | 49.4 | 74.0 |

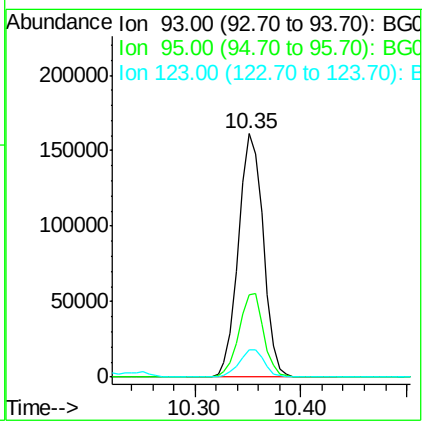


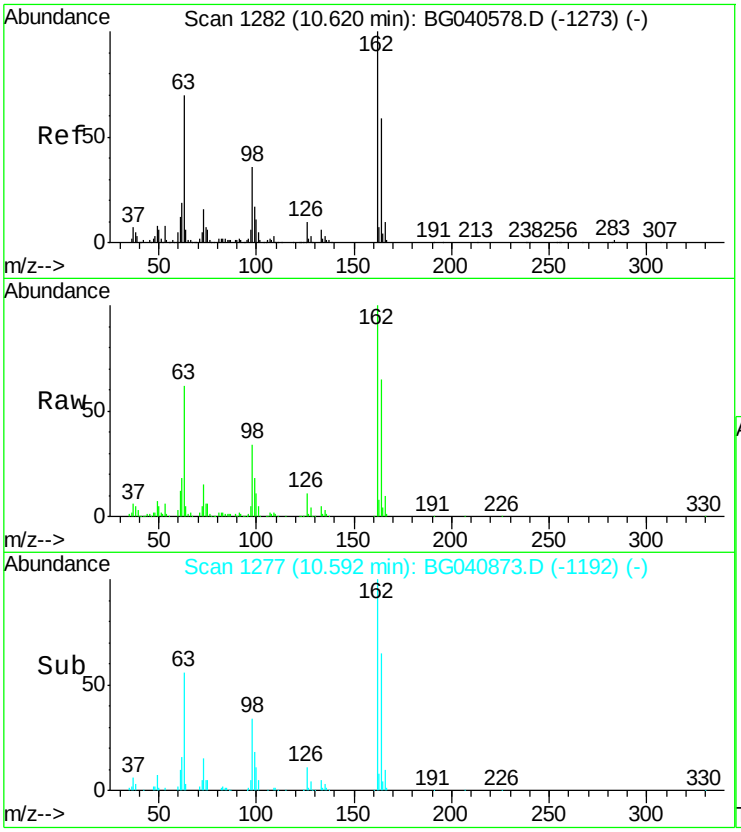




#28
bis(2-Chloroethoxy)methane
Concen: 39.602 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion: 93 Resp: 262393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 34.1 | 26.6 | 40.0 |
| 123 | 11.0 | 9.0 | 13.4 |



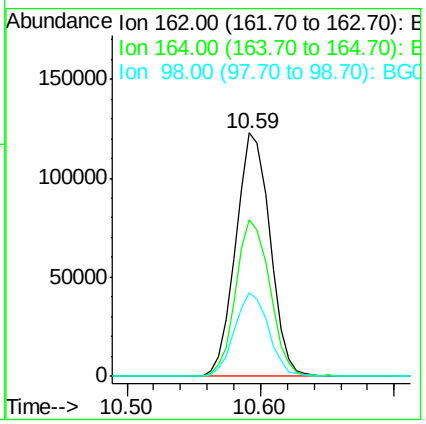


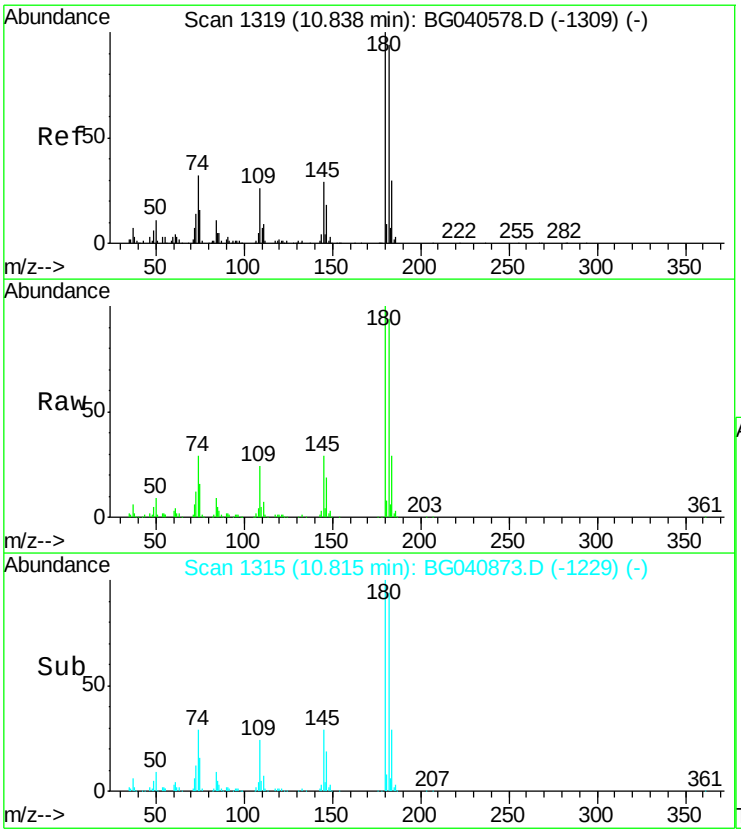

#29
2,4-Dichlorophenol
Concen: 45.105 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 218154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 38.9 | 78.9 |
| 98 | 34.3 | 16.8 | 56.8 |

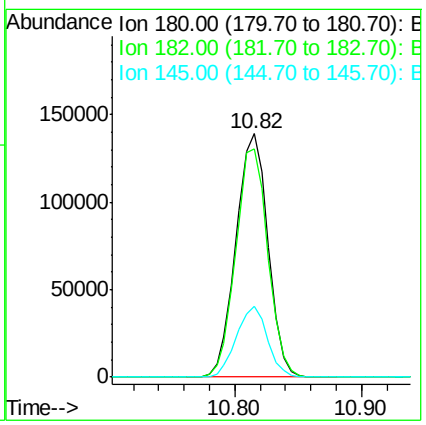


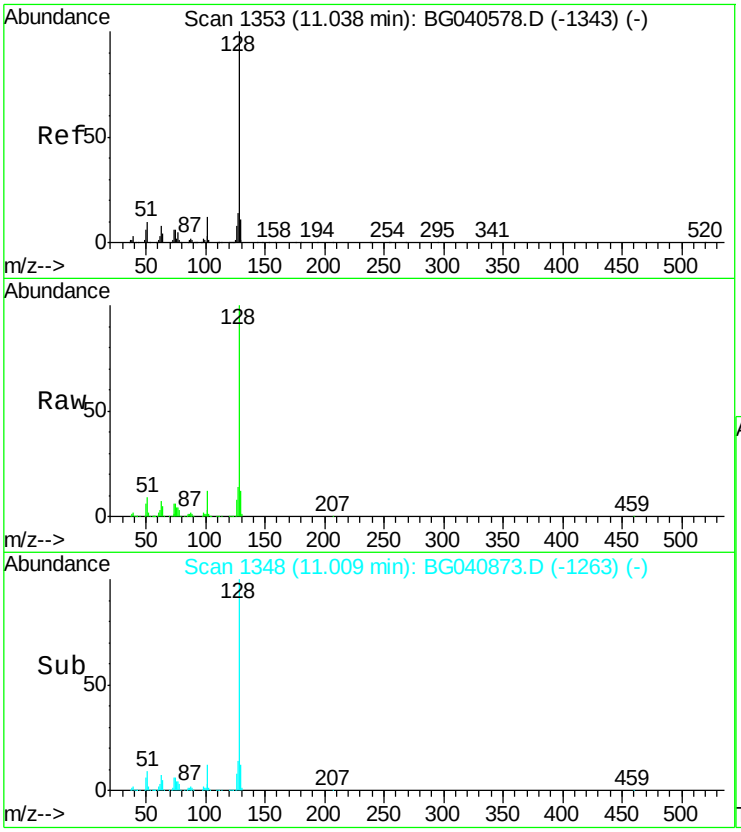




#30
1,2,4-Trichlorobenzene
Concen: 45.305 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:180 Resp: 242992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.7 | 75.2 | 112.8 |
| 145 | 29.2 | 23.6 | 35.4 |



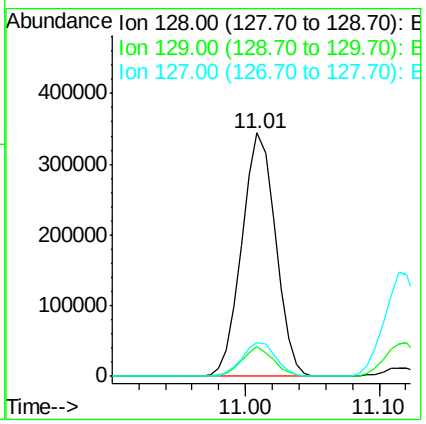


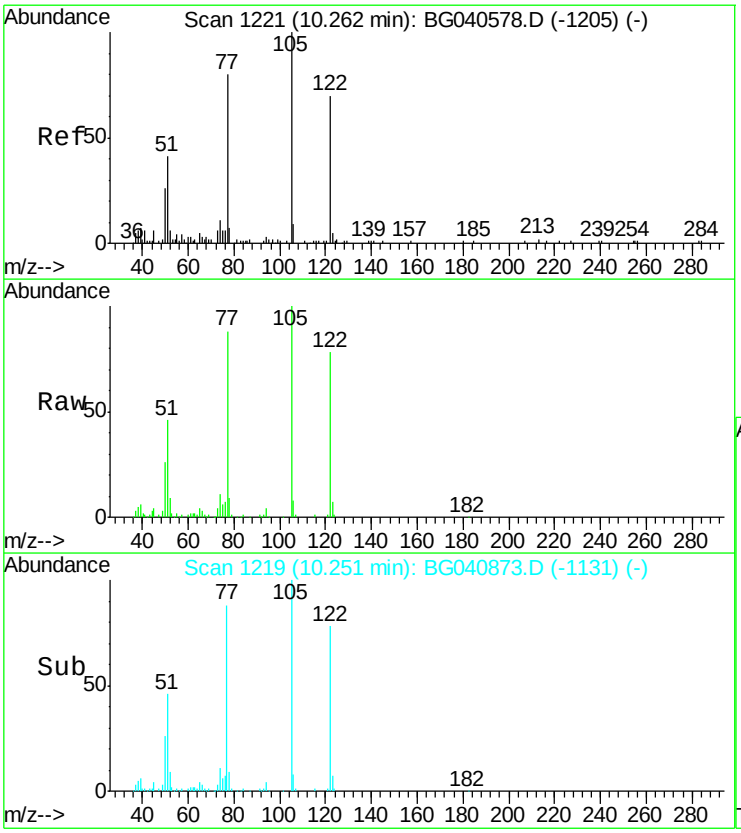

#31
Naphthalene
Concen: 41.342 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 601680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.2 | 9.0 | 13.6 |
| 127 | 14.0 | 11.3 | 16.9 |

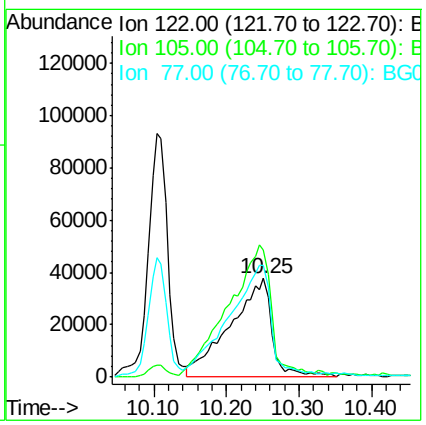


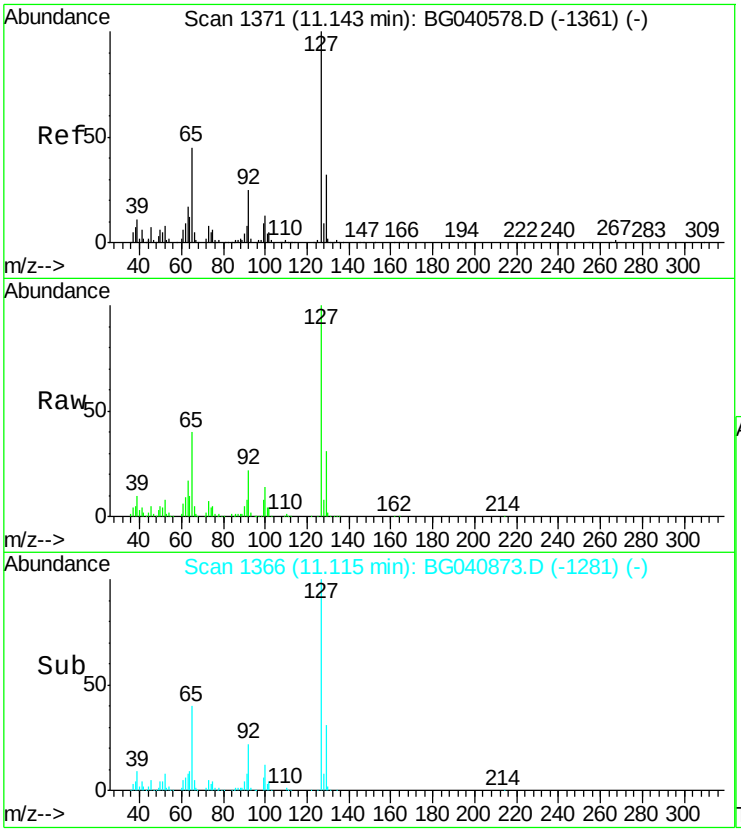




#32
Benzoic acid
Concen: 51.769 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:122 Resp: 150773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.6 | 110.9 | 150.9 |
| 77 | 113.3 | 87.6 | 127.6 |



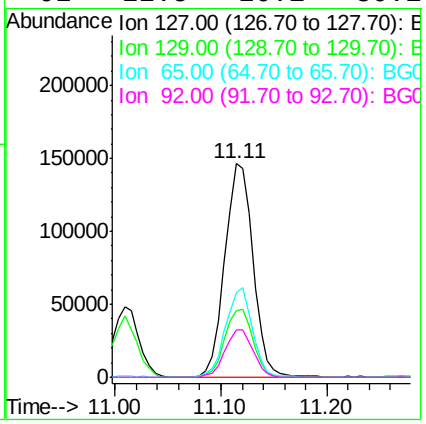


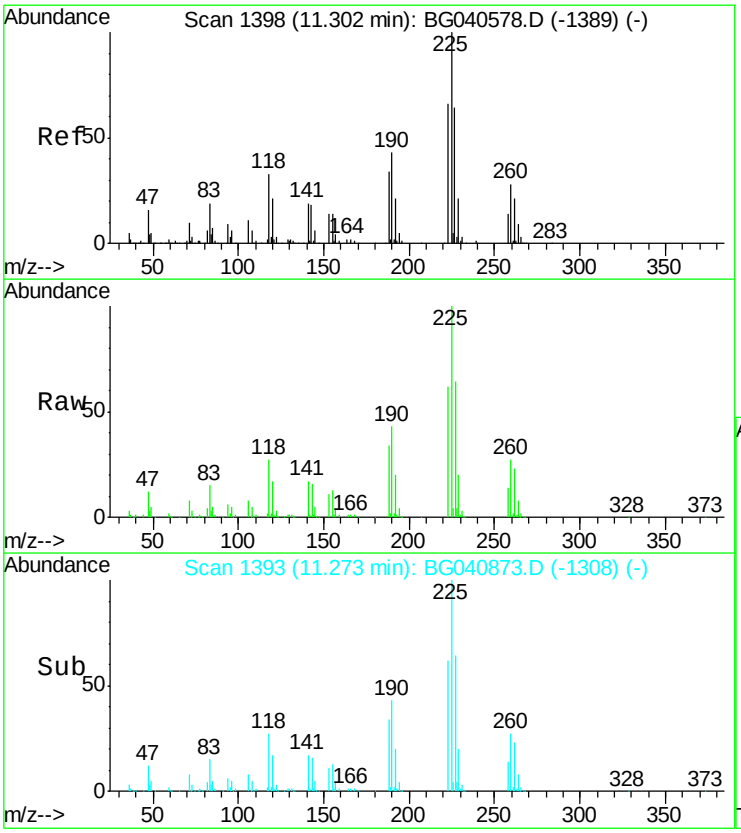

#33
4-Chloroaniline
Concen: 41.836 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 269956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.4 | 25.7 | 38.5 |
| 65 | 39.9 | 36.1 | 54.1 |
| 92 | 22.5 | 20.1 | 30.1 |

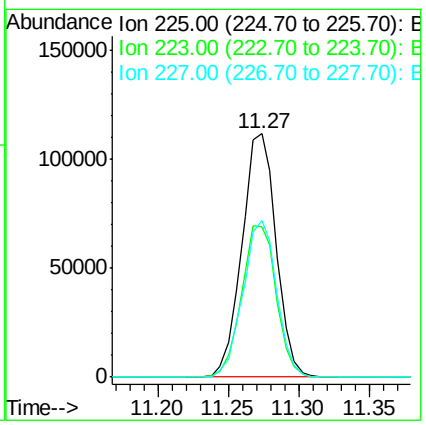


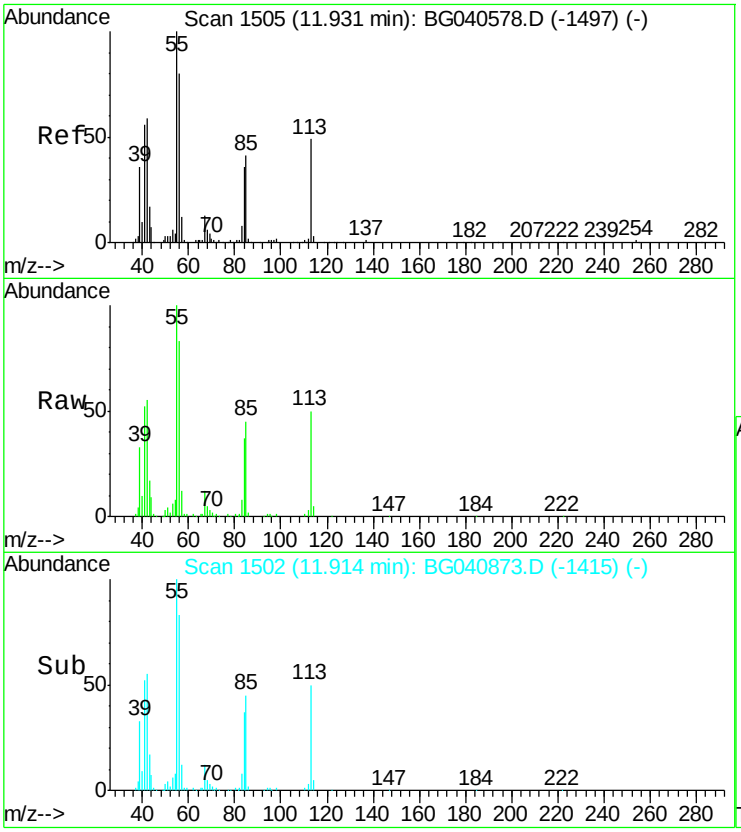




#34
Hexachlorobutadiene
Concen: 47.860 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:225 Resp: 189513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.5 | 50.4 | 75.6 |
| 227 | 64.1 | 51.0 | 76.6 |



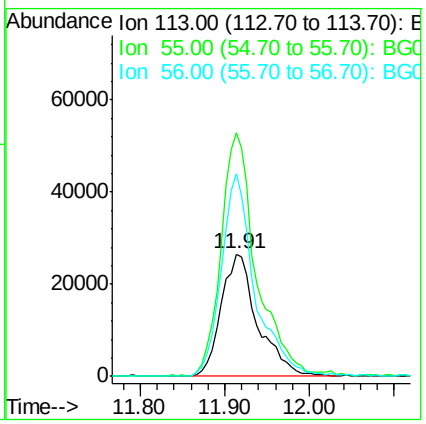


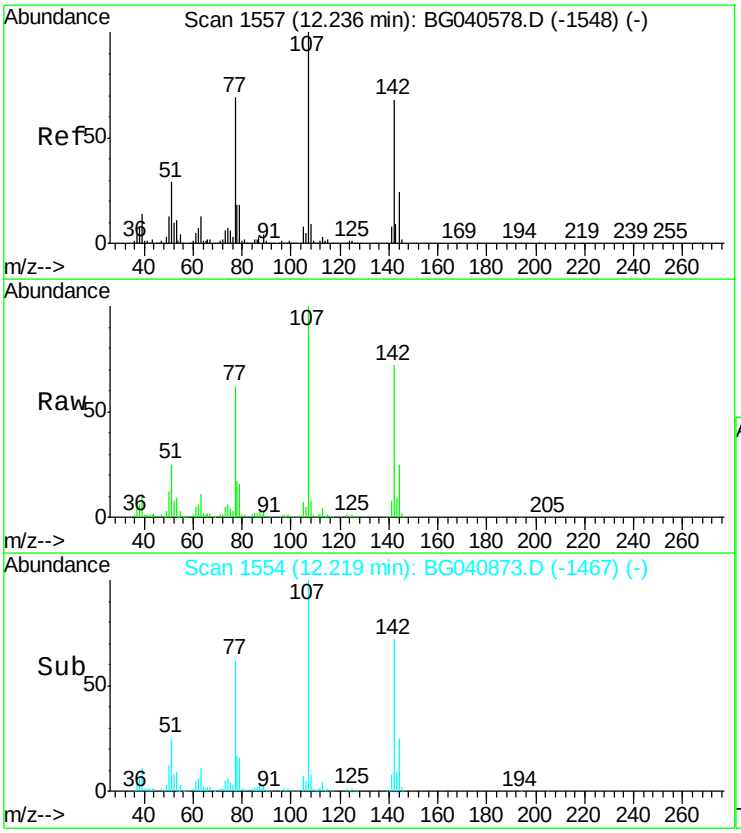

#35
Caprolactam
Concen: 41.488 ng
RT: 11.91 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 79222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 198.9 | 198.6 | 238.6 |
| 56 | 165.2 | 148.4 | 188.4 |

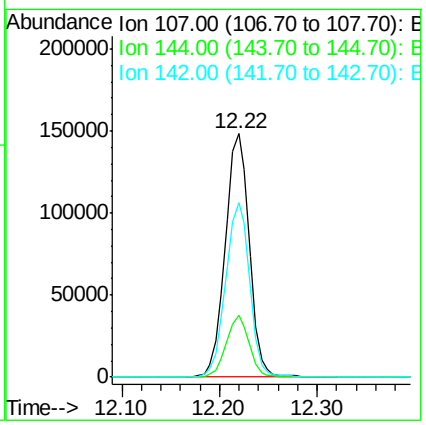


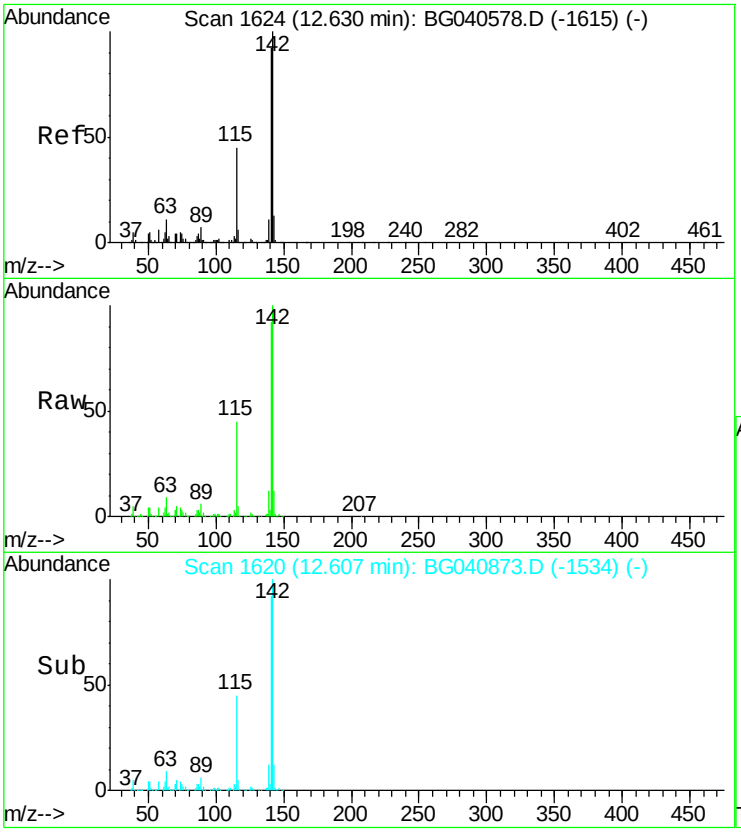




#36
4-Chloro-3-methylphenol
Concen: 41.601 ng
RT: 12.22 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:107 Resp: 253828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.2 | 19.3 | 28.9 |
| 142 | 71.5 | 54.6 | 81.8 |



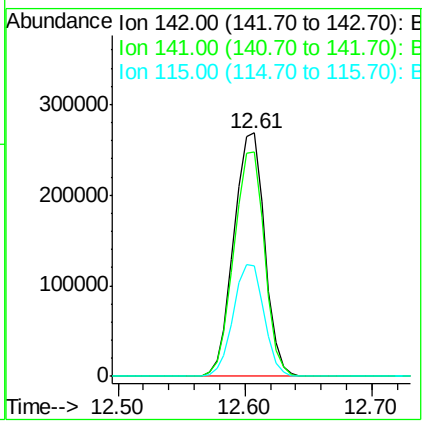


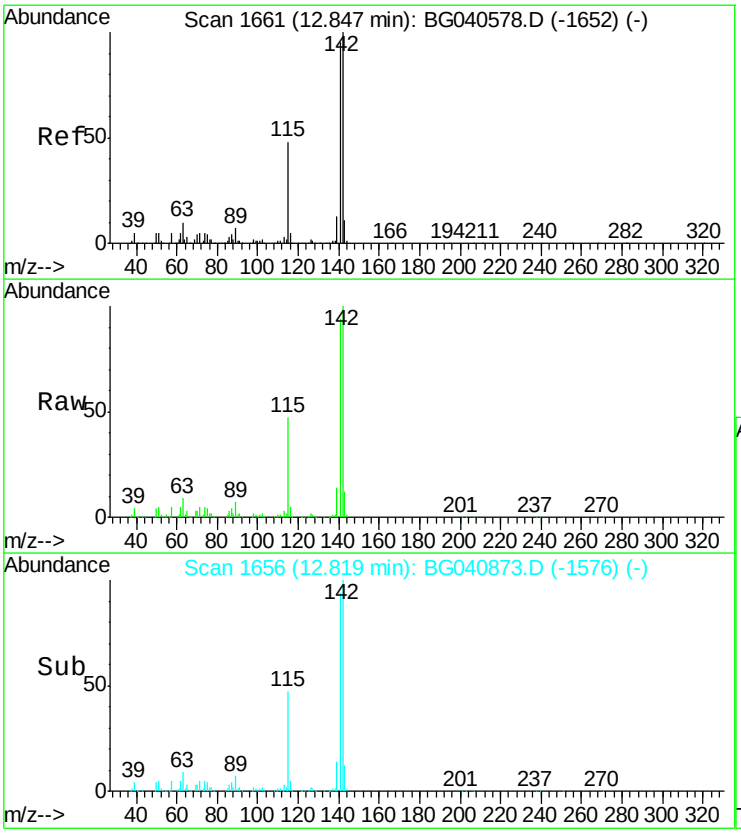

#37
2-Methylnaphthalene
Concen: 41.612 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 452792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 73.4 | 110.2 |
| 115 | 45.4 | 36.2 | 54.4 |

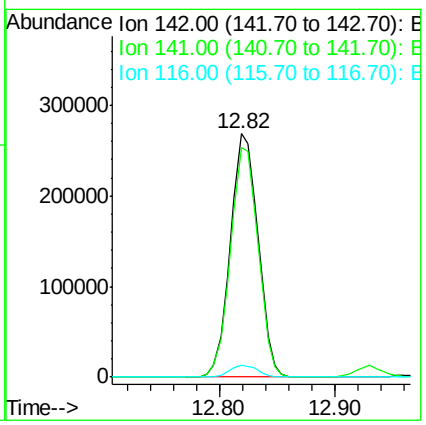


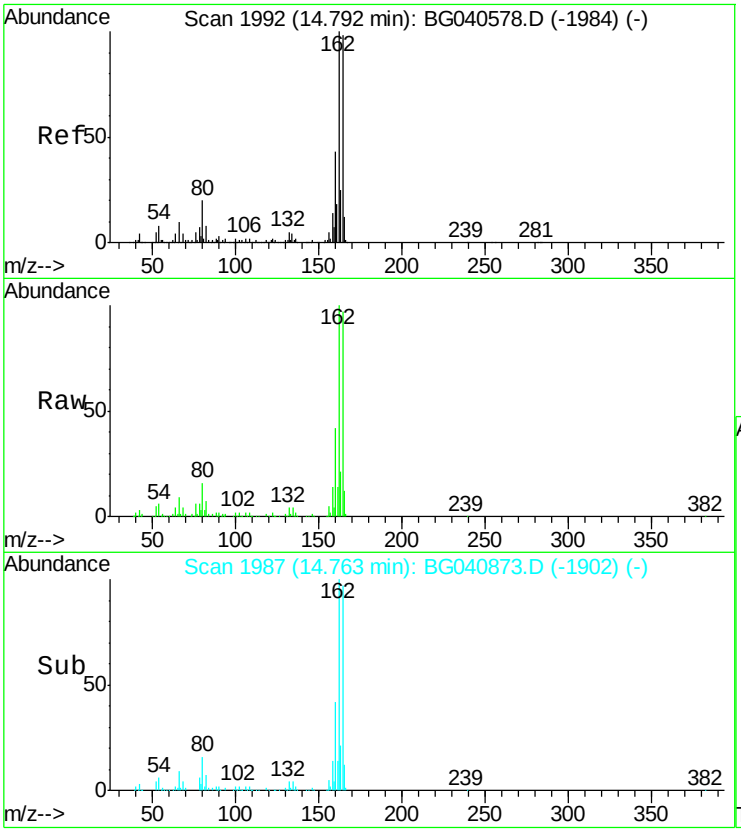




#38
1-Methylnaphthalene
Concen: 41.887 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:142 Resp: 445510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.3 | 75.9 | 113.9 |
| 116 | 5.1 | 4.2 | 6.4 |



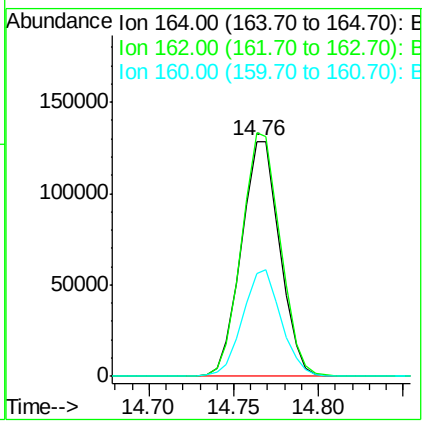


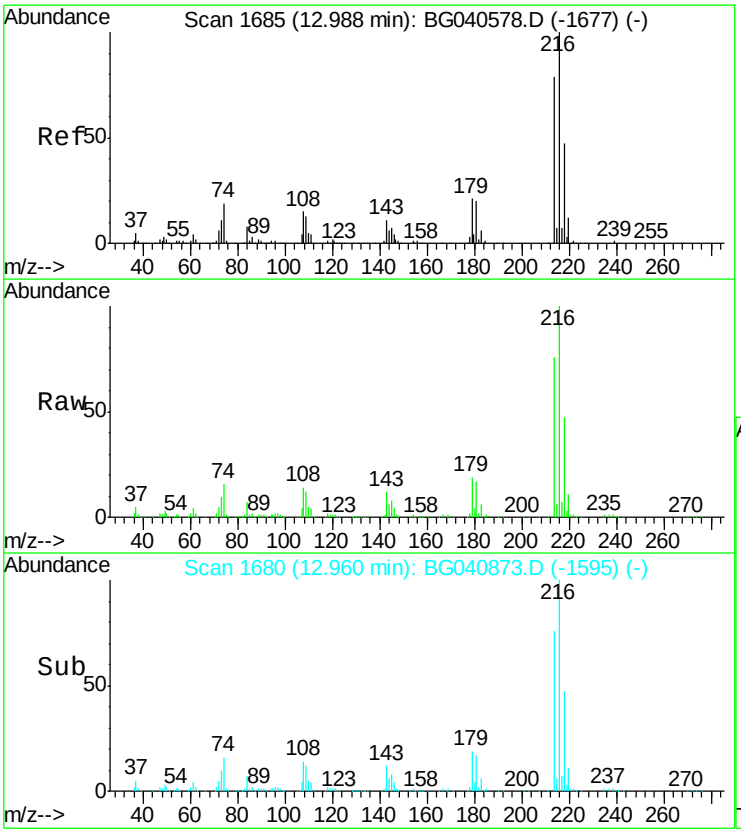

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 204179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 81.9 | 122.9 |
| 160 | 44.0 | 35.4 | 53.2 |

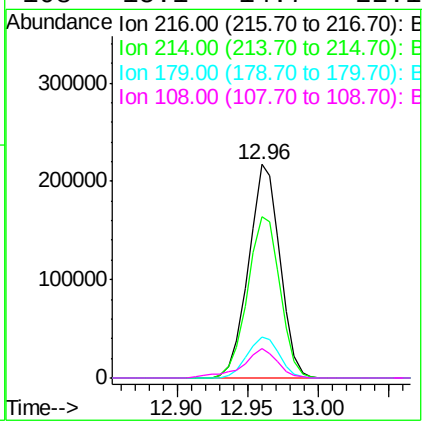


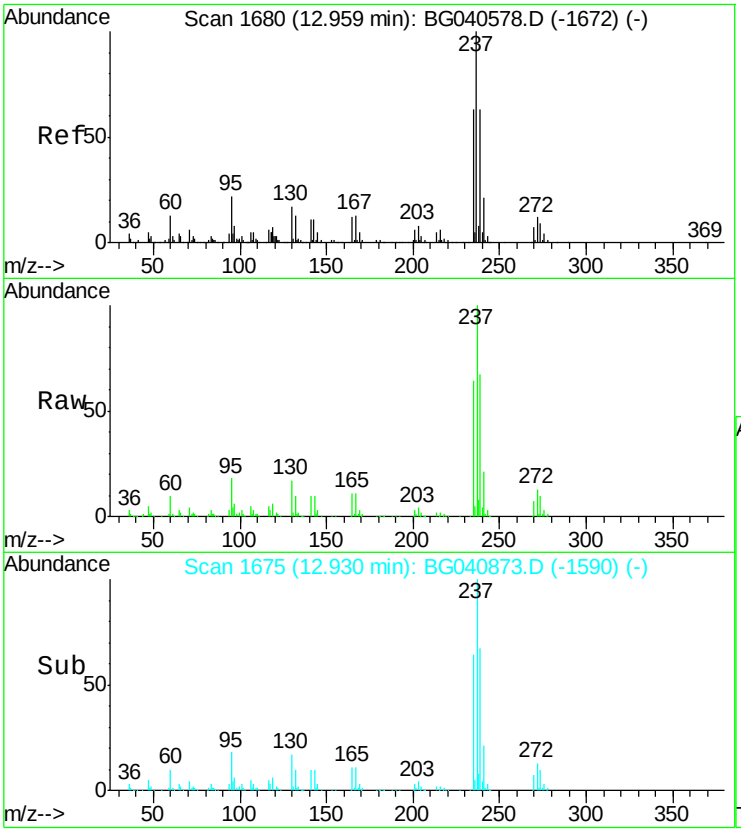




#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.544 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:216 Resp: 338807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 63.7 | 95.5 |
| 179 | 19.7 | 16.6 | 24.8 |
| 108 | 15.1 | 14.7 | 22.1 |



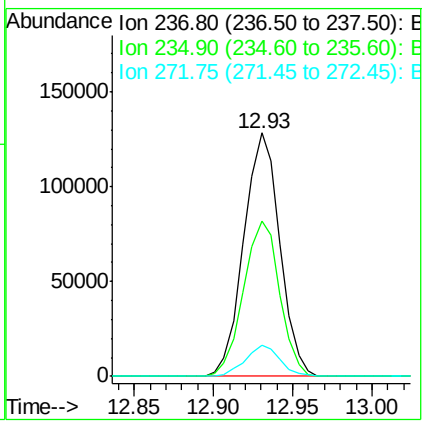


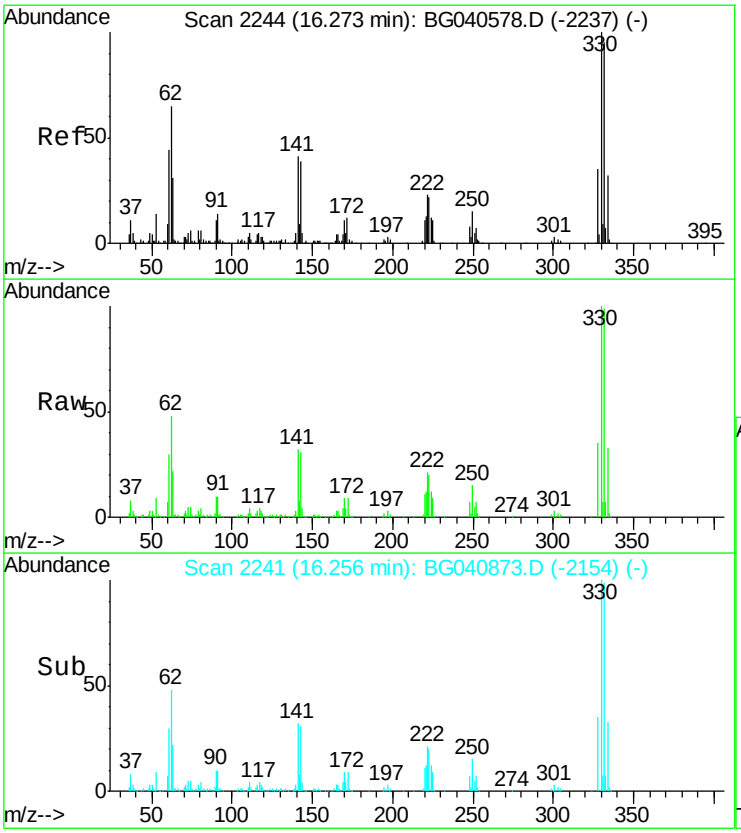

#41
Hexachlorocyclopentadiene
Concen: 45.137 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 202586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.6 | 42.5 | 82.5 |
| 272 | 12.7 | 0.0 | 31.6 |

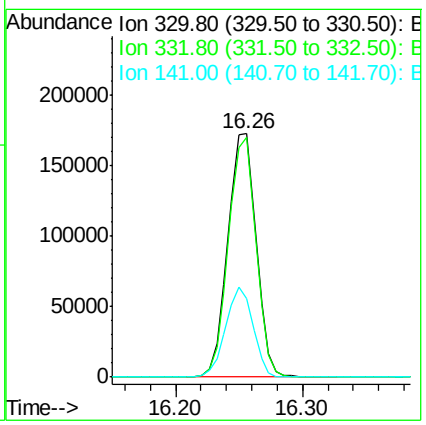


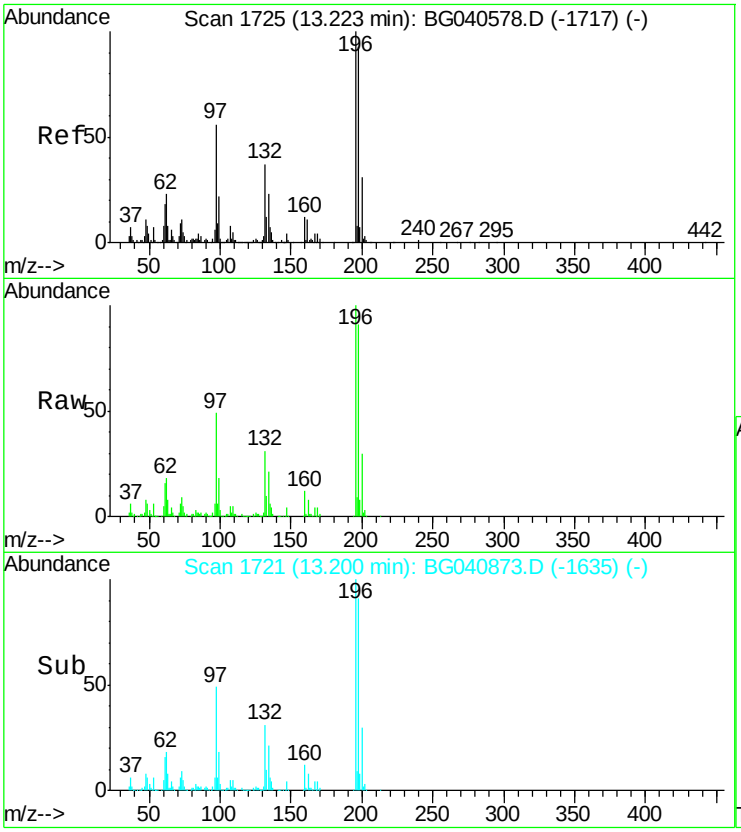




#42
2,4,6-Tribromophenol
Concen: 94.880 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:330 Resp: 266279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 75.9 | 113.9 |
| 141 | 35.8 | 32.4 | 48.6 |



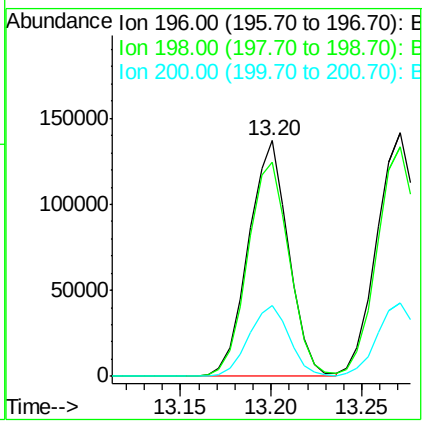


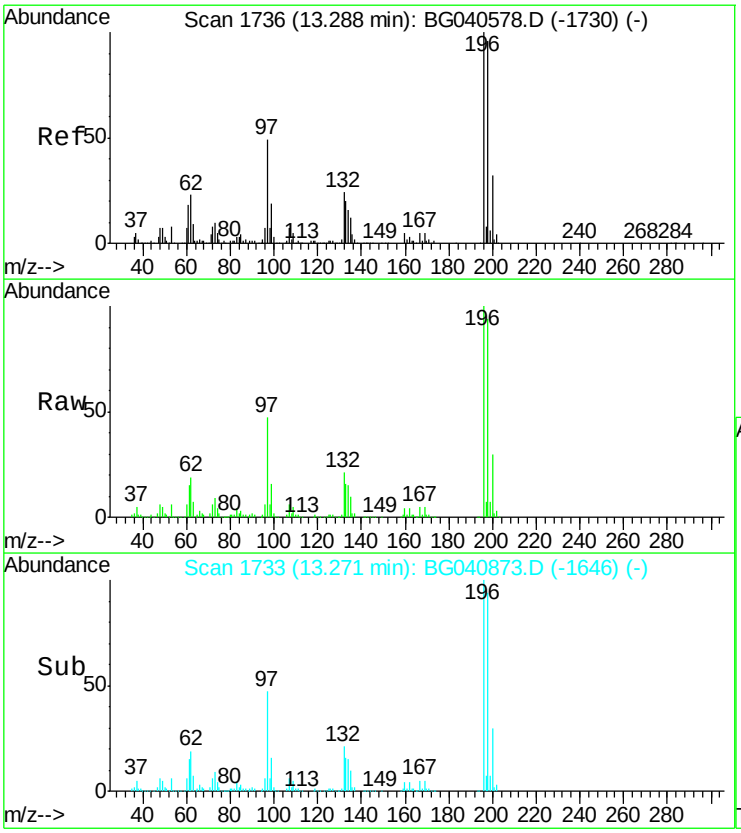

#43
2,4,6-Trichlorophenol
Concen: 45.663 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 209887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.1 | 74.8 | 112.2 |
| 200 | 29.9 | 24.9 | 37.3 |

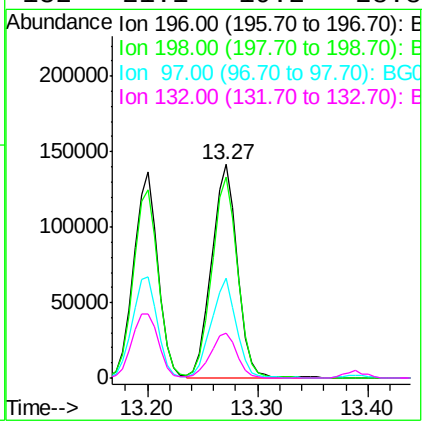


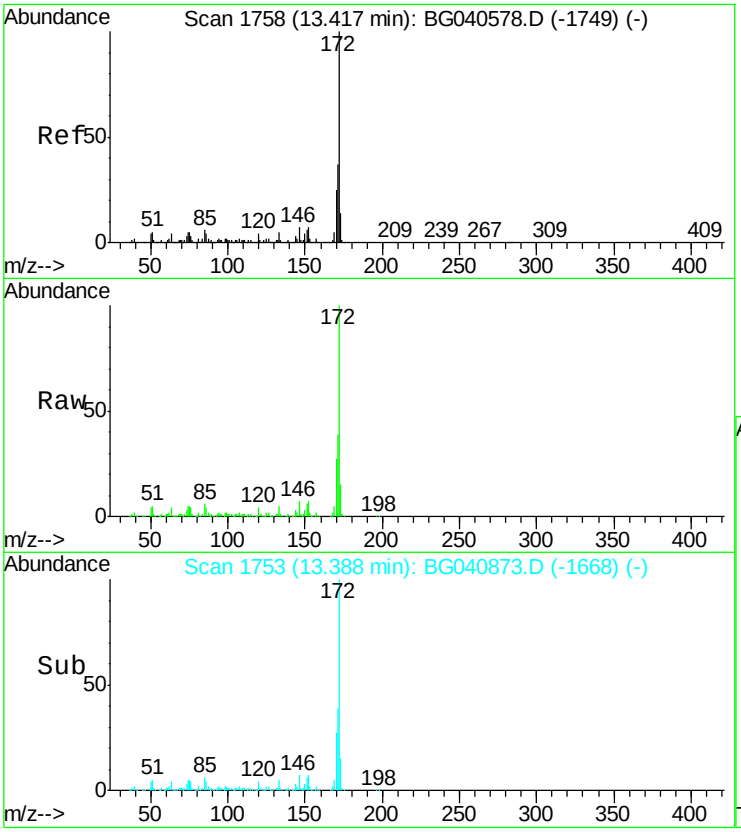




#44
2,4,5-Trichlorophenol
Concen: 45.208 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:196 Resp: 226365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.2 | 77.0 | 115.6 |
| 97 | 46.8 | 40.0 | 60.0 |
| 132 | 21.1 | 19.2 | 28.8 |



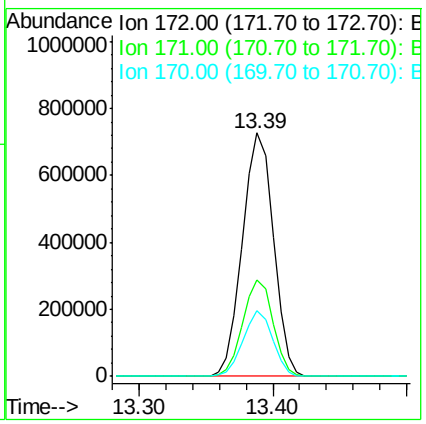


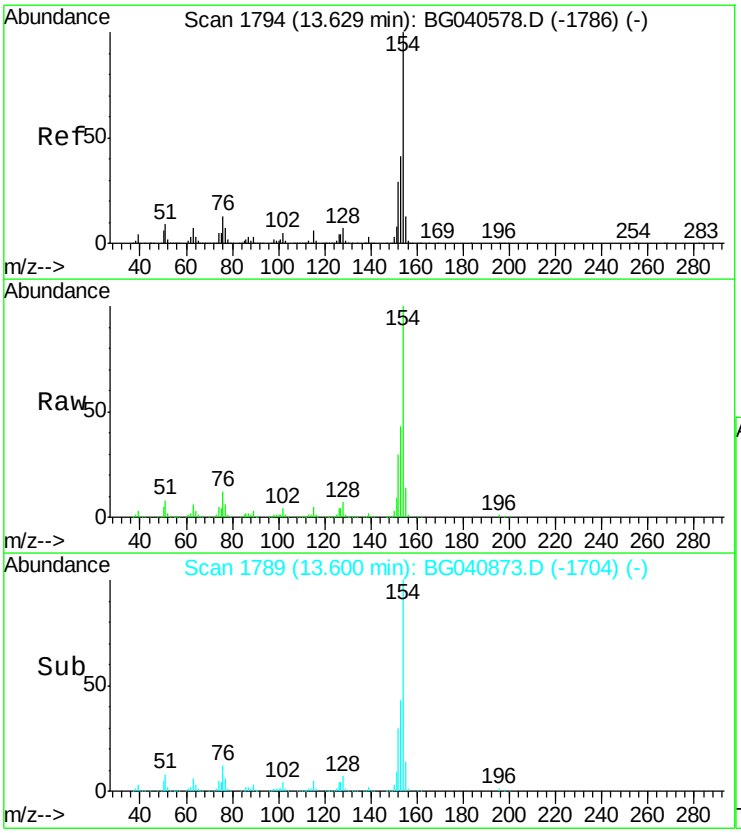

#45
2-Fluorobiphenyl
Concen: 82.201 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 1162148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.3 | 29.4 | 44.2 |
| 170 | 26.8 | 19.9 | 29.9 |

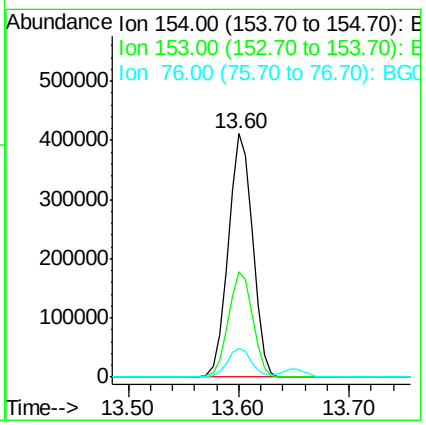


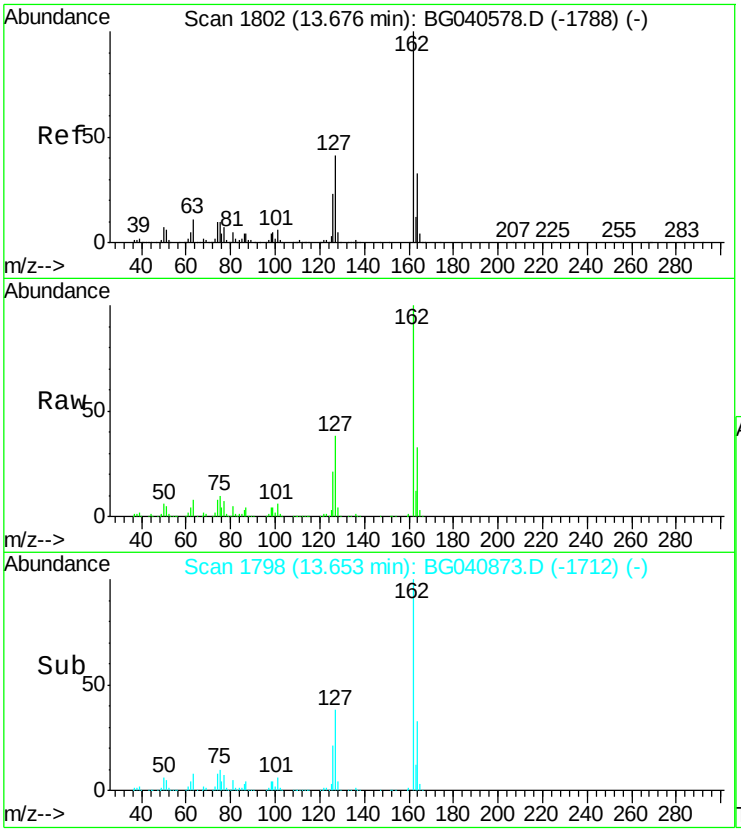




#46
1,1'-Biphenyl
Concen: 40.111 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:154 Resp: 635872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 43.1 | 20.5 | 60.5 |
| 76 | 11.6 | 0.0 | 32.5 |



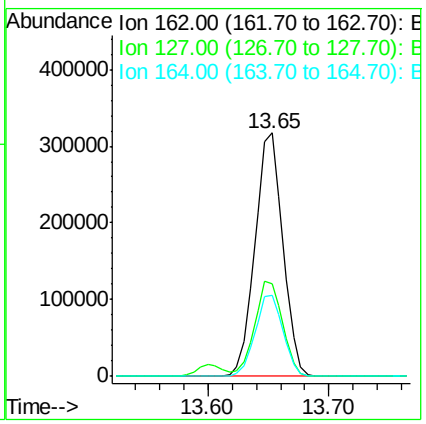


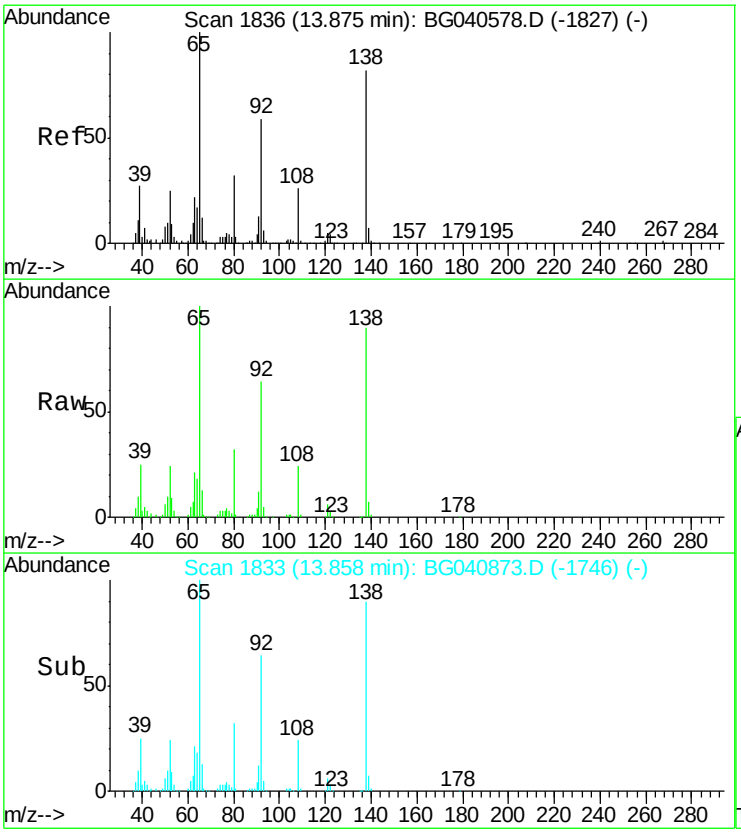

#47
2-Chloronaphthalene
Concen: 40.950 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 508025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.1 | 33.0 | 49.4 |
| 164 | 33.3 | 26.8 | 40.2 |

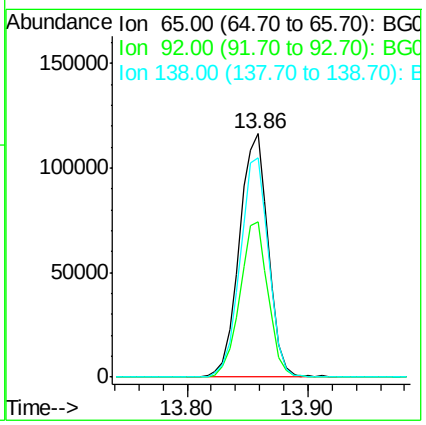


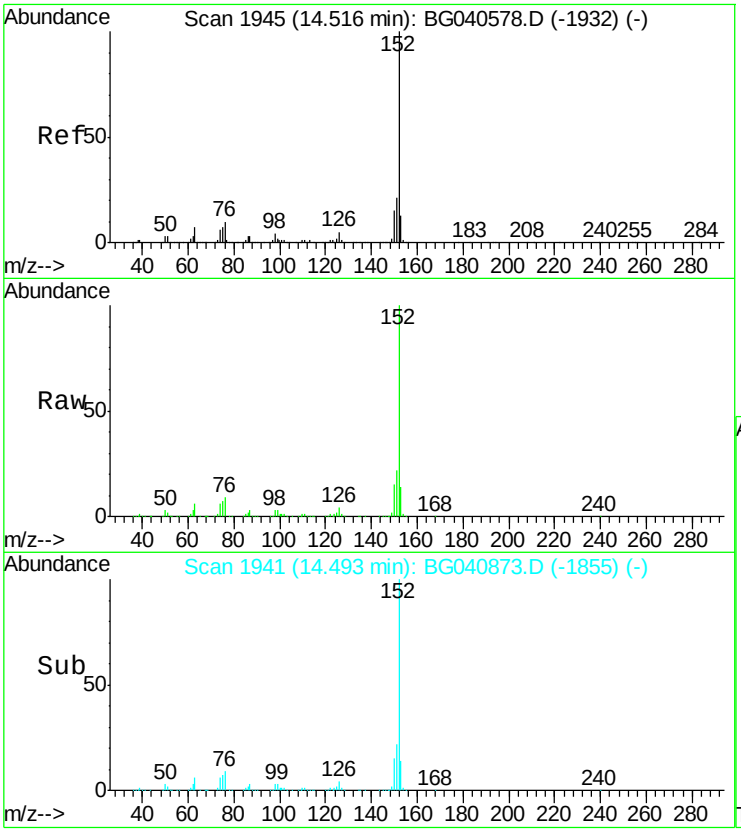




#48
2-Nitroaniline
Concen: 43.830 ng
RT: 13.86 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion: 65 Resp: 193557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 63.9 | 47.4 | 71.0 |
| 138 | 90.3 | 66.1 | 99.1 |



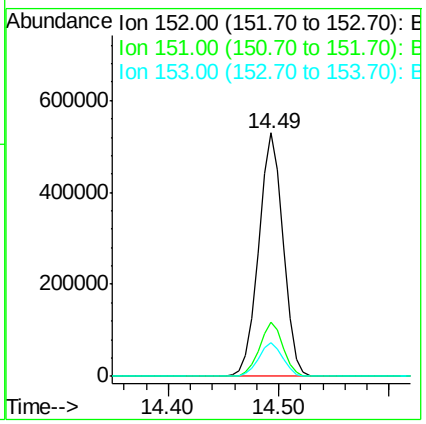


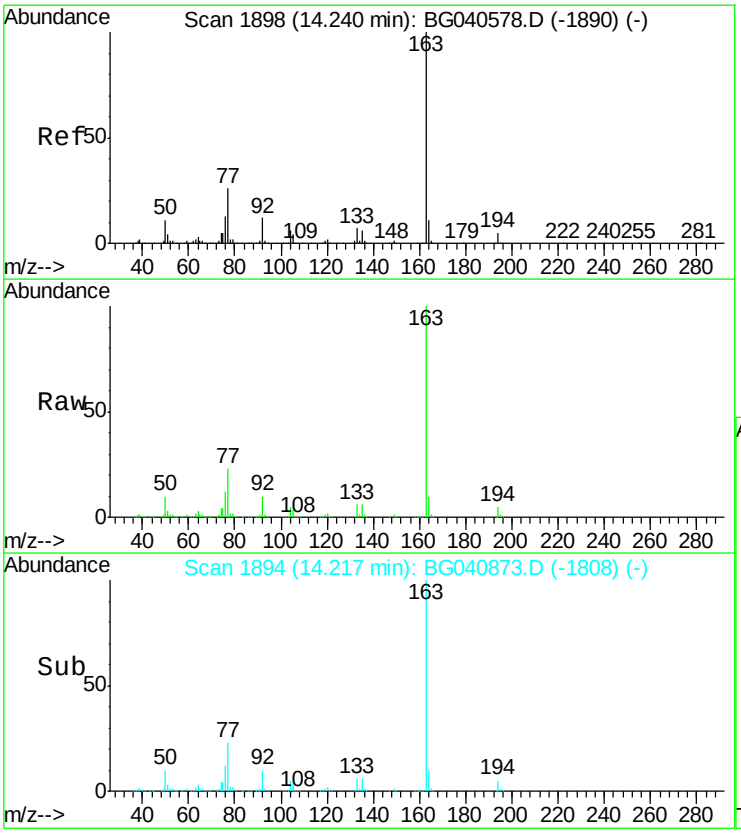

#49
Acenaphthylene
Concen: 38.996 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 820801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.2 | 17.2 | 25.8 |
| 153 | 14.0 | 10.7 | 16.1 |

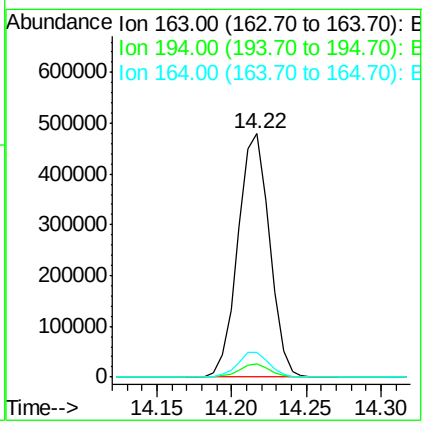


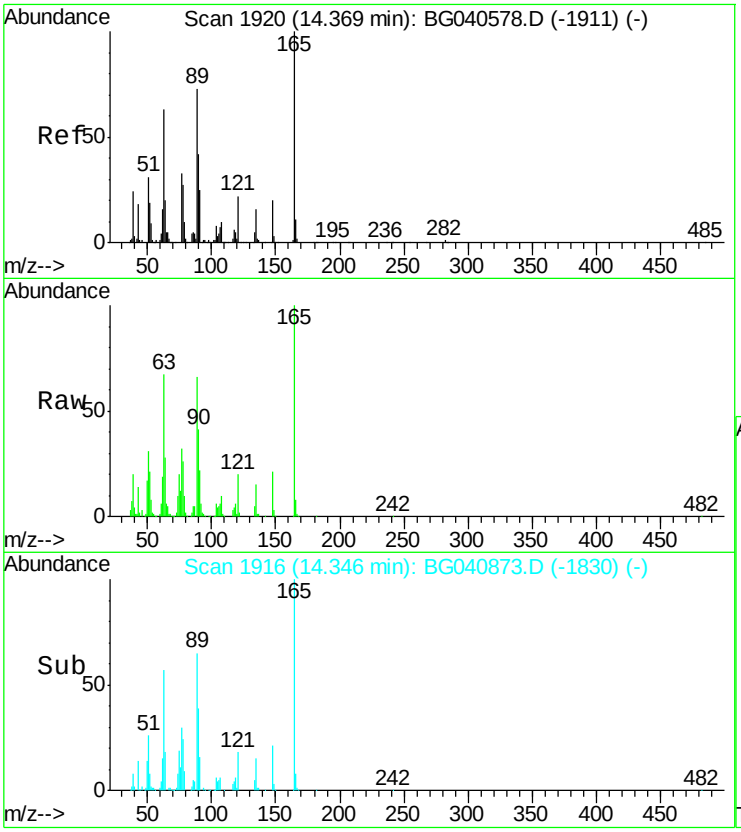




#50
Dimethylphthalate
Concen: 41.086 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:163 Resp: 701886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.4 | 3.8 | 5.8 |
| 164 | 10.4 | 8.8 | 13.2 |



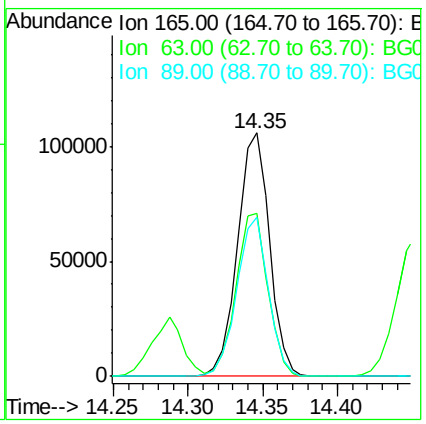


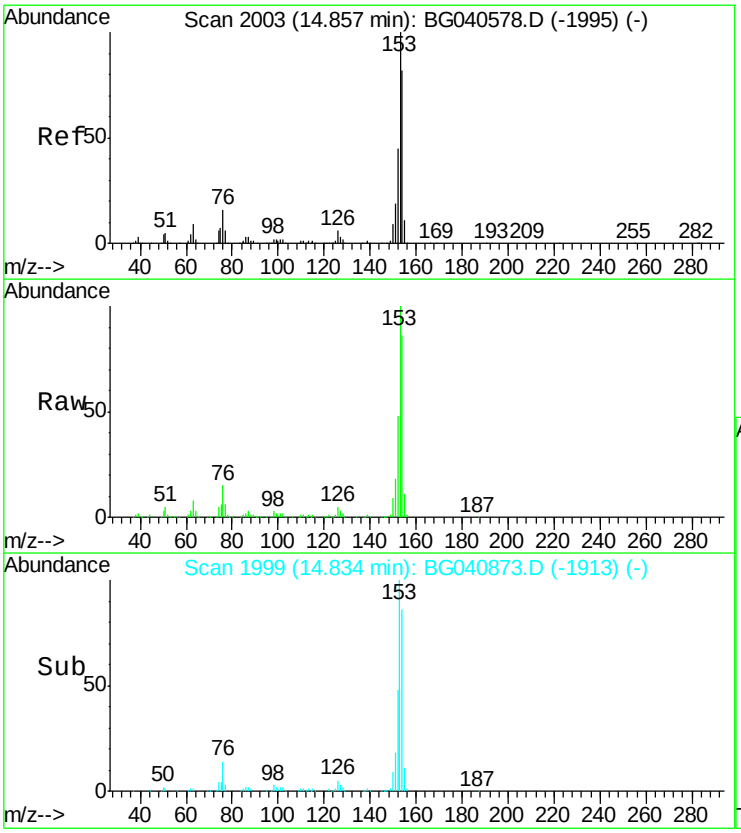

#51
2,6-Dinitrotoluene
Concen: 46.929 ng
RT: 14.35 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 156466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 66.8 | 61.0 | 91.4 |
| 89 | 65.5 | 58.6 | 87.8 |

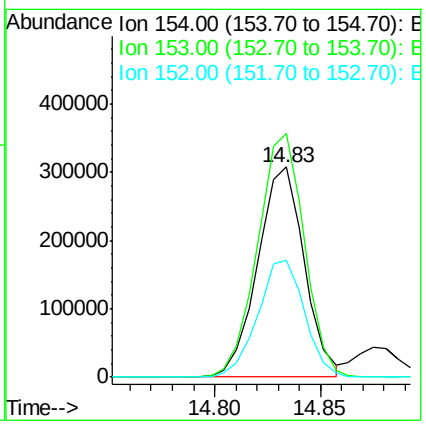


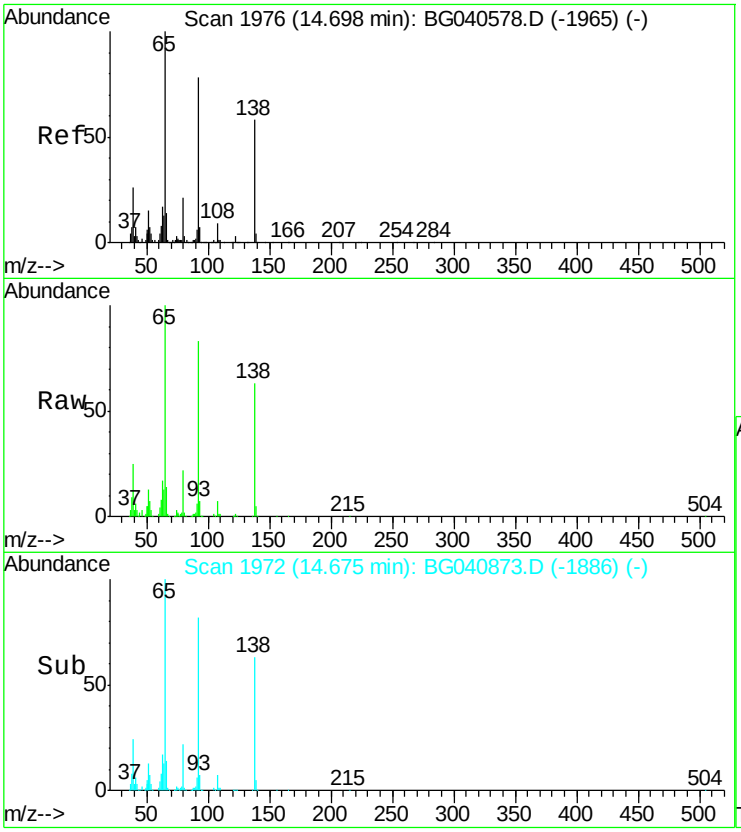




#52
Acenaphthene
Concen: 38.574 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:154 Resp: 472839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.0 | 97.0 | 145.6 |
| 152 | 55.7 | 44.1 | 66.1 |



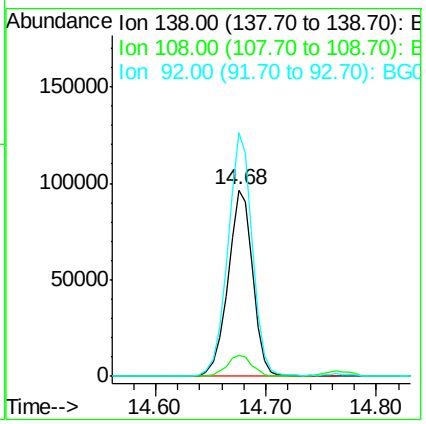


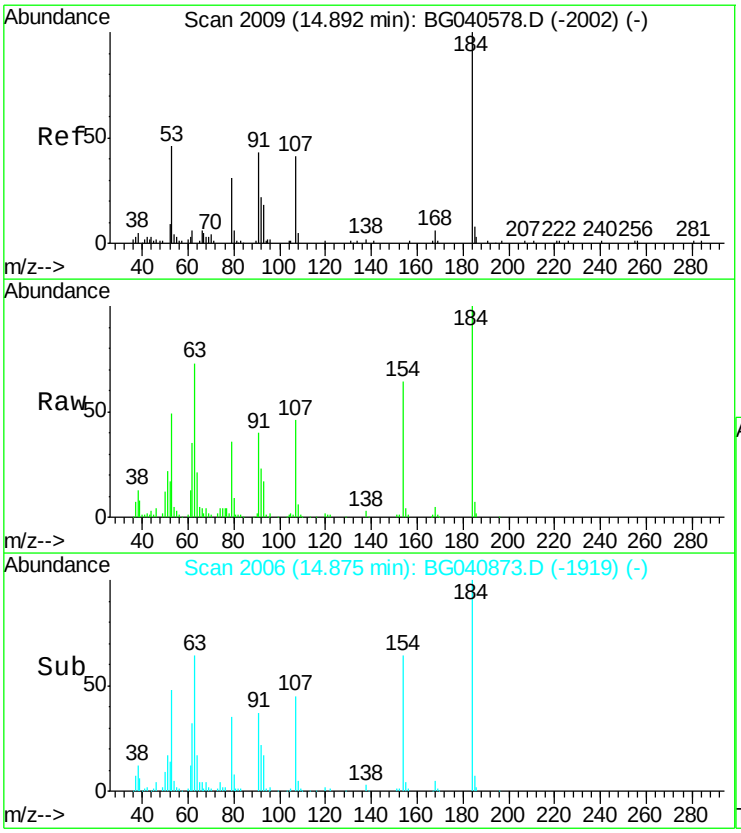

#53
3-Nitroaniline
Concen: 44.213 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 151039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.4 | 12.4 | 18.6# |
| 92 | 130.9 | 108.6 | 162.8 |

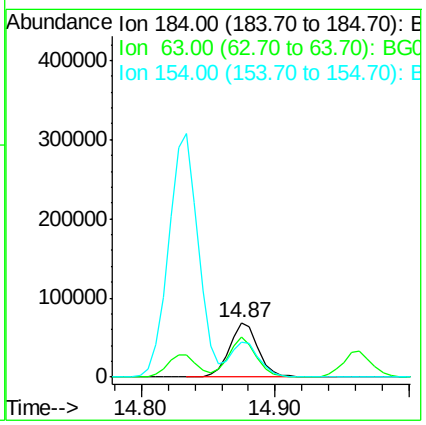


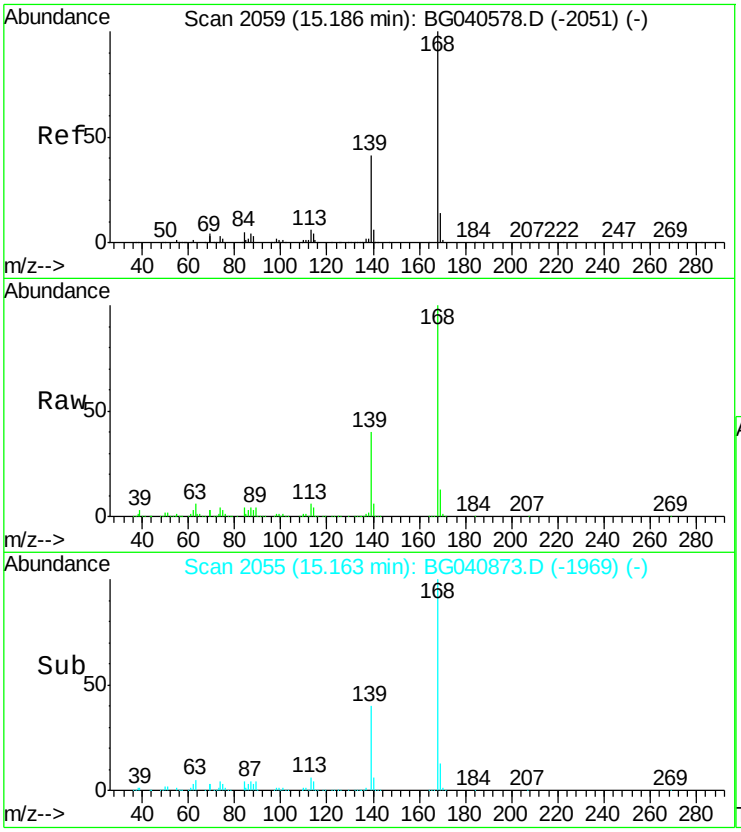




#54
2,4-Dinitrophenol
Concen: 57.343 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:184 Resp: 103734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 73.0 | 51.8 | 77.6 |
| 154 | 63.8 | 43.6 | 65.4 |



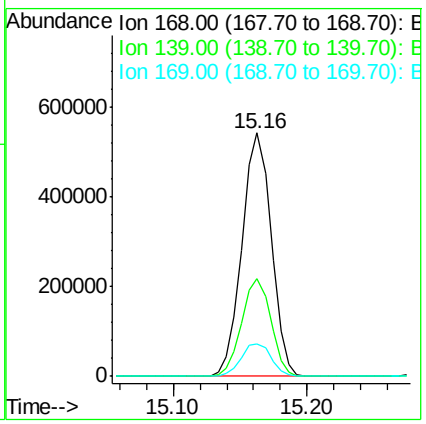


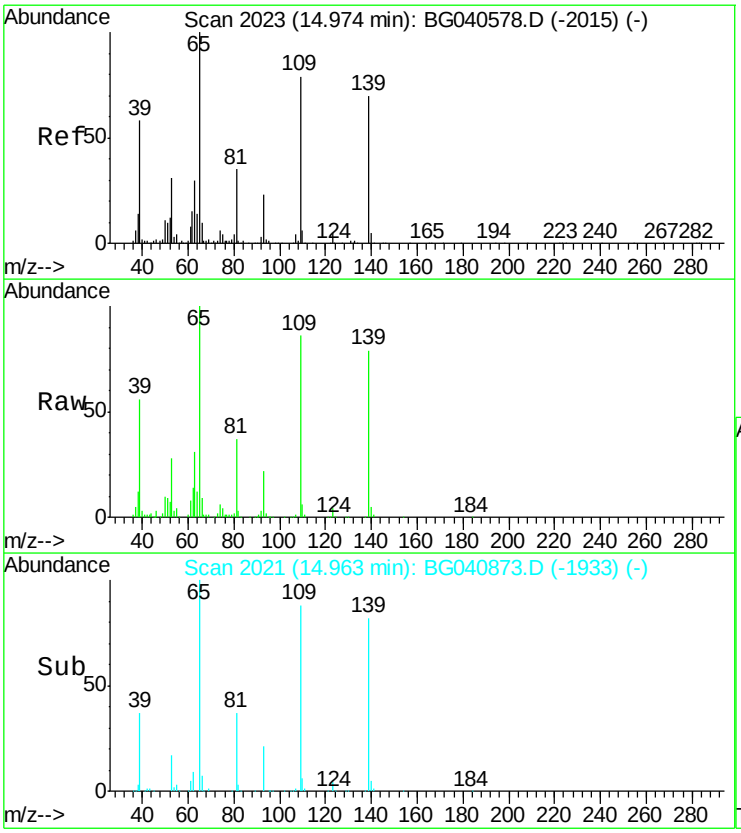

#55
Dibenzofuran
Concen: 40.797 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 819107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.3 | 33.0 | 49.4 |
| 169 | 13.3 | 11.0 | 16.4 |

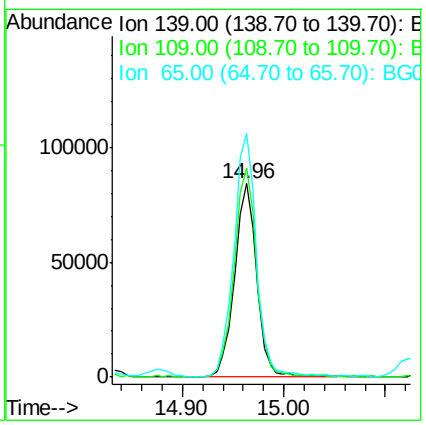


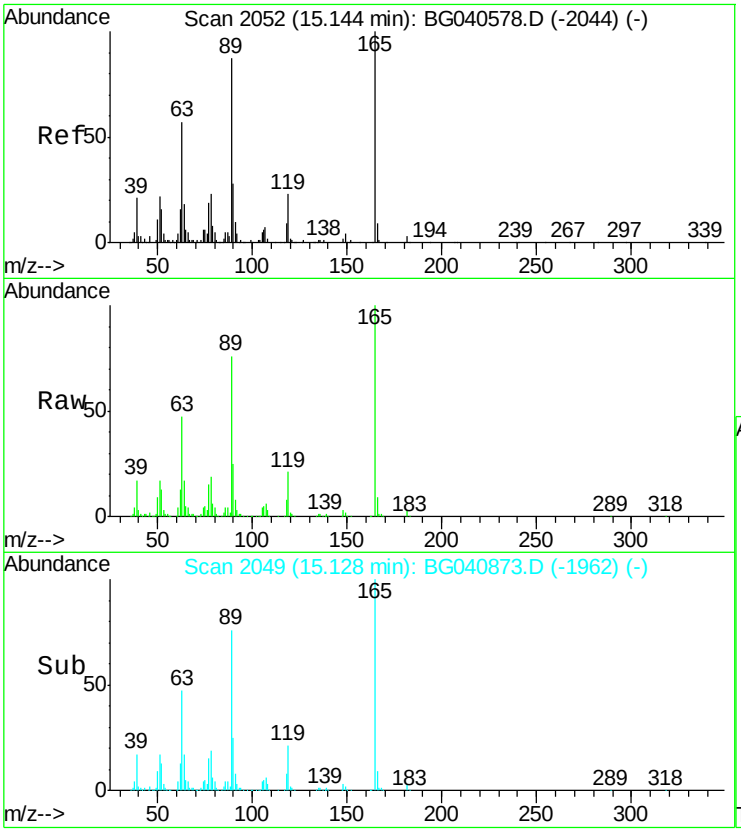




#56
4-Nitrophenol
Concen: 43.228 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:139 Resp: 128051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 108.1 | 93.8 | 133.8 |
| 65 | 125.9 | 122.7 | 162.7 |



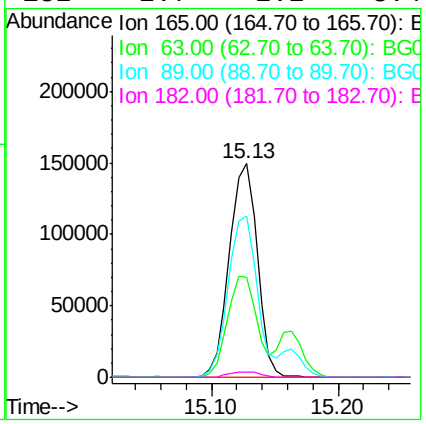


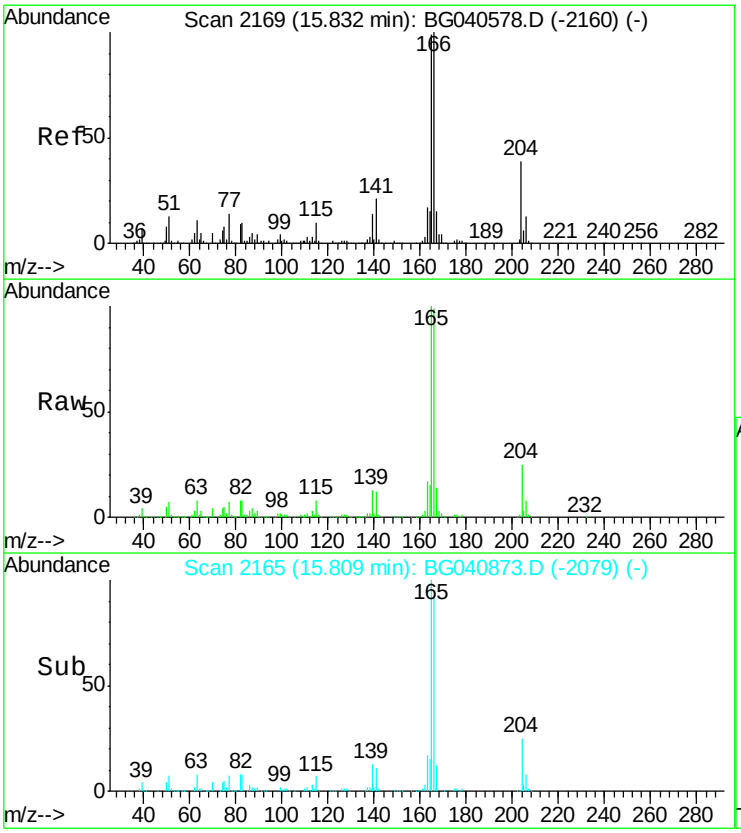

#57
2,4-Dinitrotoluene
Concen: 50.298 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 227879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.8 | 45.8 | 68.8 |
| 89 | 75.7 | 69.4 | 104.2 |
| 182 | 2.7 | 2.2 | 3.4 |

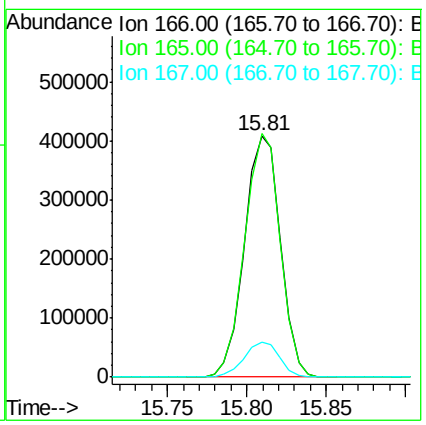


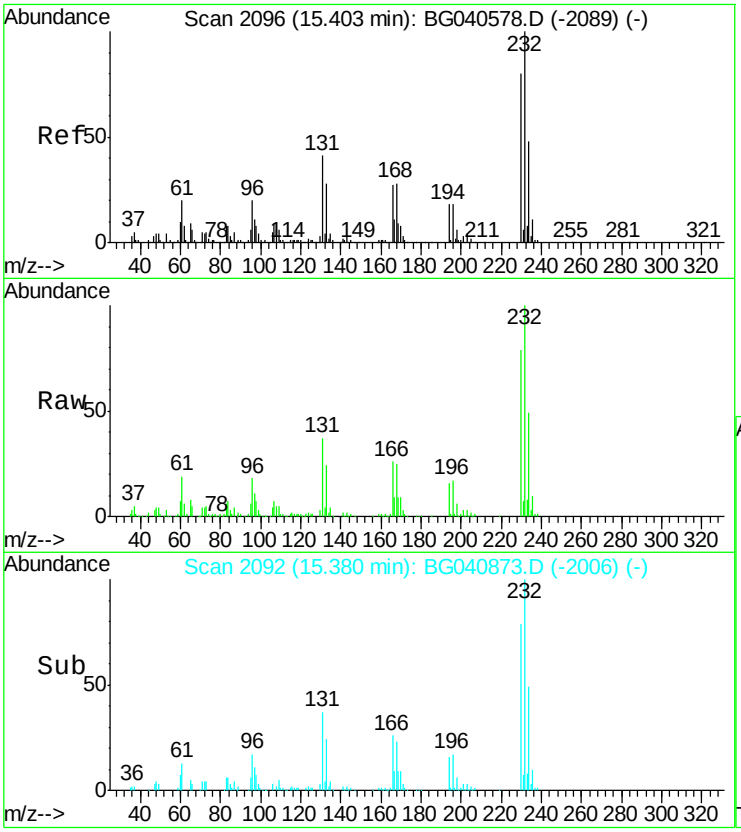




#58
Fluorene
Concen: 39.668 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:166 Resp: 643724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.9 | 79.6 | 119.4 |
| 167 | 14.6 | 12.2 | 18.2 |



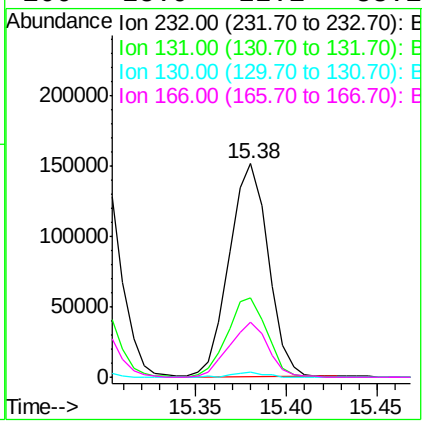


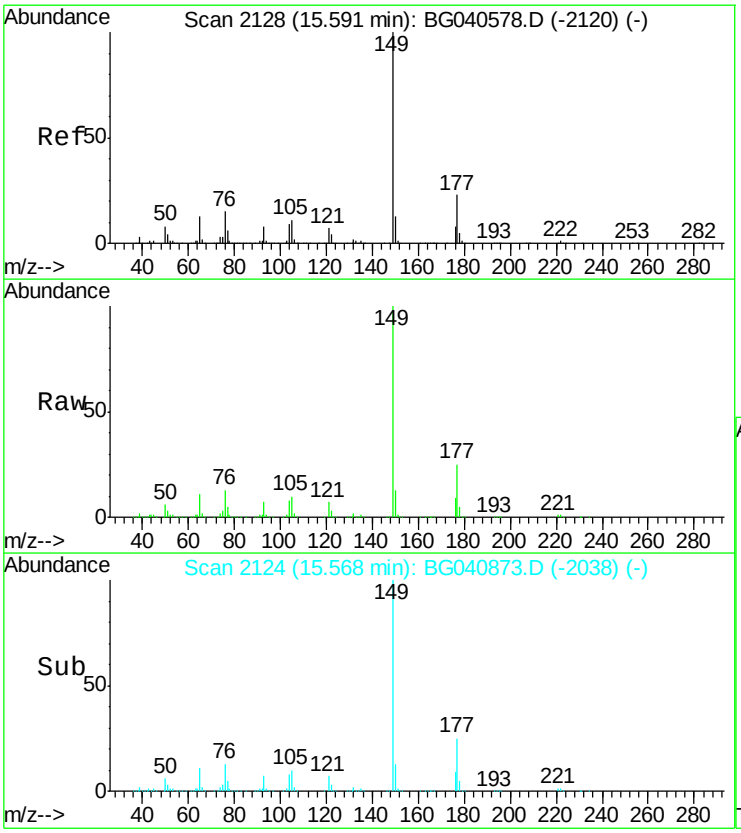

#59
2,3,4,6-Tetrachlorophenol
Concen: 45.025 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 226915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.1 | 33.0 | 49.4 |
| 130 | 2.2 | 2.0 | 3.0 |
| 166 | 25.9 | 22.1 | 33.1 |

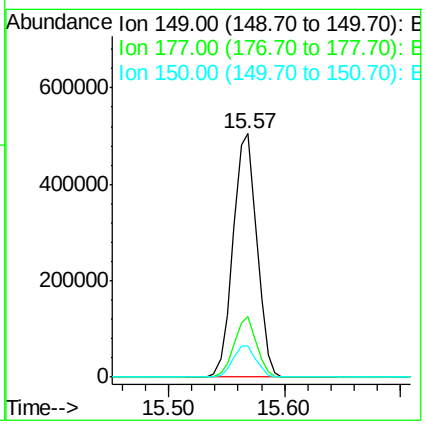


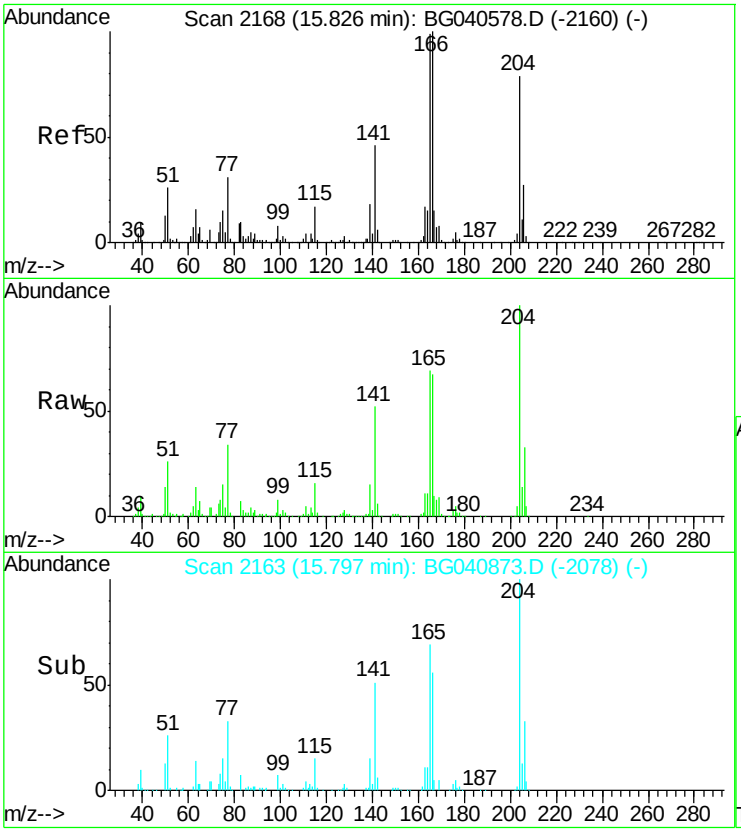




#60
Diethylphthalate
Concen: 39.843 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:149 Resp: 718150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.7 | 18.5 | 27.7 |
| 150 | 13.0 | 10.2 | 15.4 |



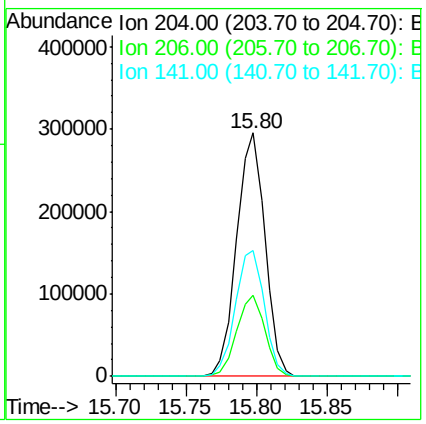


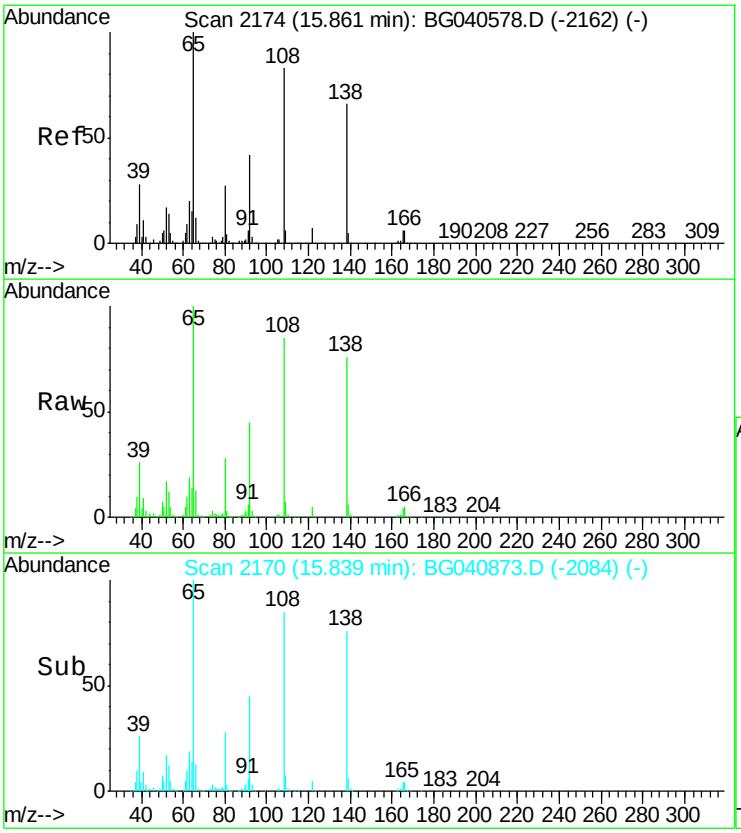

#61
4-Chlorophenyl-phenylether
Concen: 43.805 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 413442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 27.4 | 41.2 |
| 141 | 51.8 | 46.0 | 69.0 |

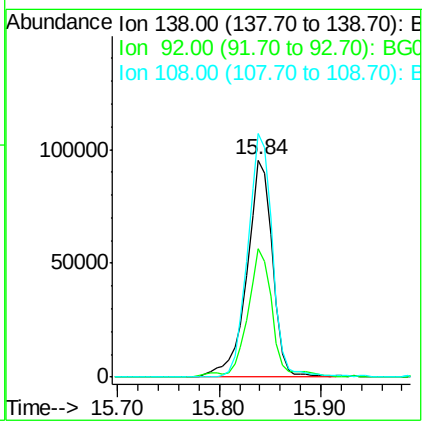


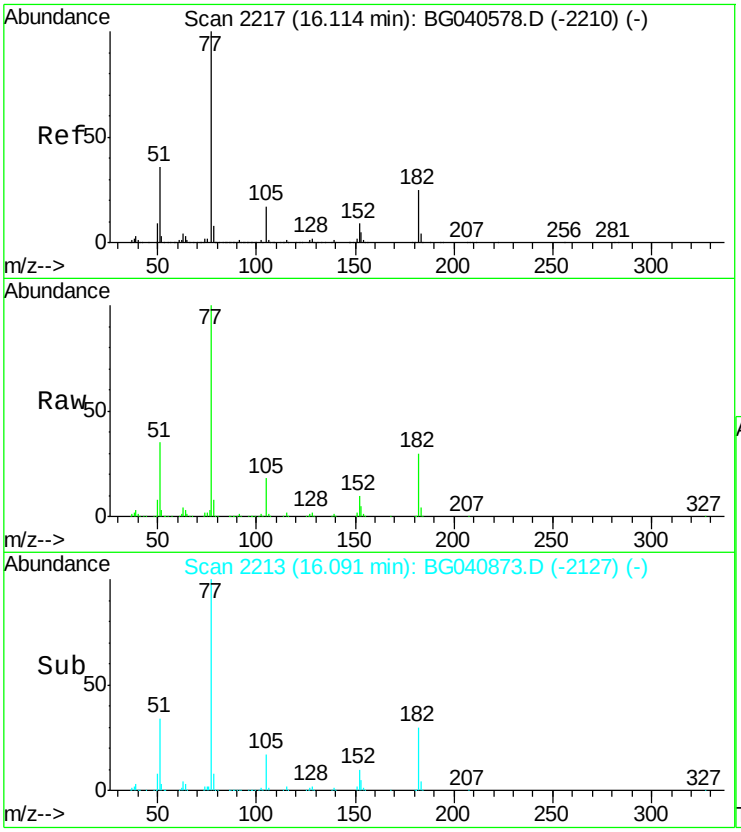




#62
4-Nitroaniline
Concen: 43.562 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:138 Resp: 166468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 59.0 | 43.9 | 83.9 |
| 108 | 112.2 | 106.5 | 146.5 |



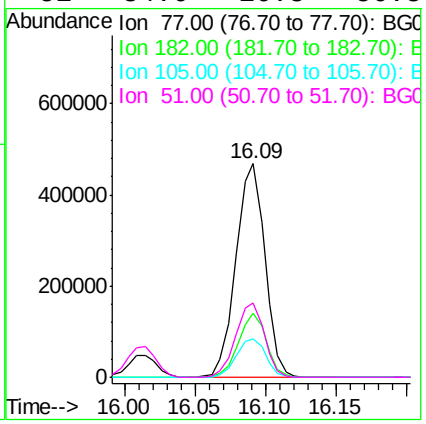


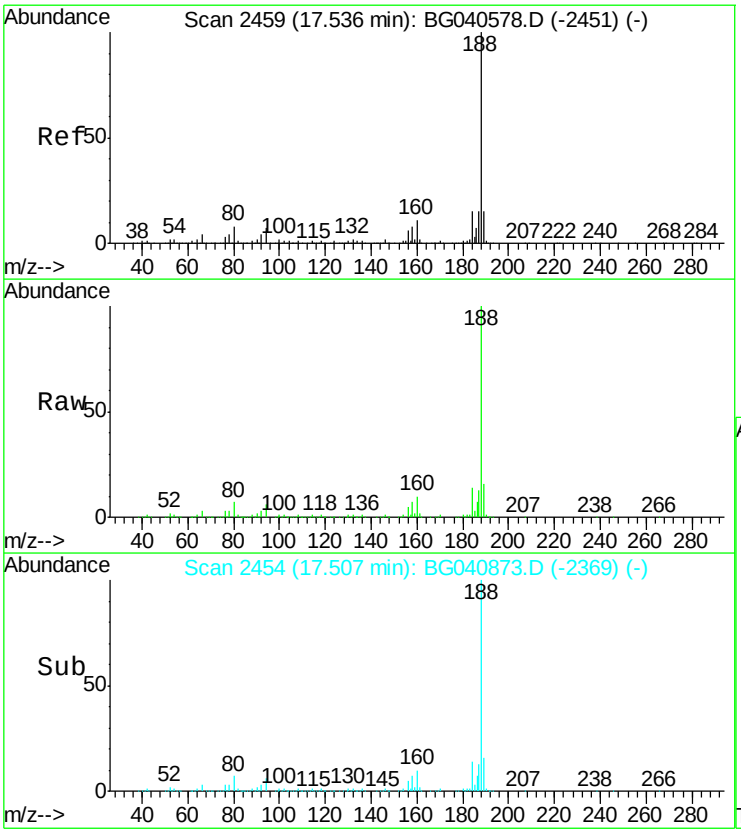

#63
Azobenzene
Concen: 35.976 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 667797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.7 | 5.0 | 45.0 |
| 105 | 18.2 | 0.0 | 37.6 |
| 51 | 34.6 | 16.3 | 56.3 |

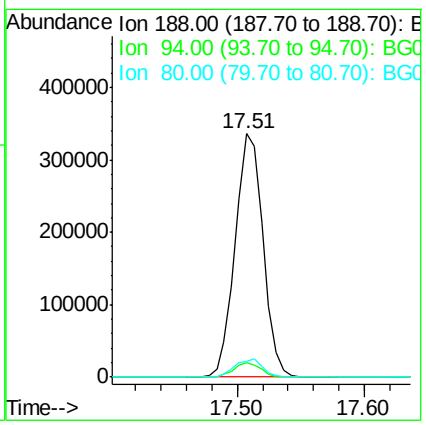


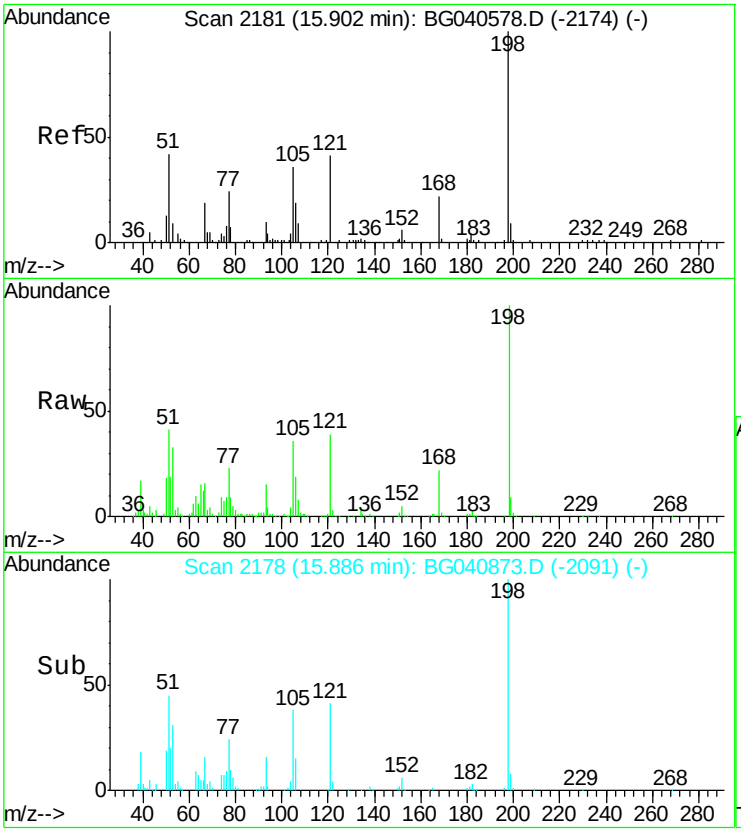




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:188 Resp: 510861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.7 | 5.6 | 8.4 |
| 80 | 6.7 | 6.4 | 9.6 |



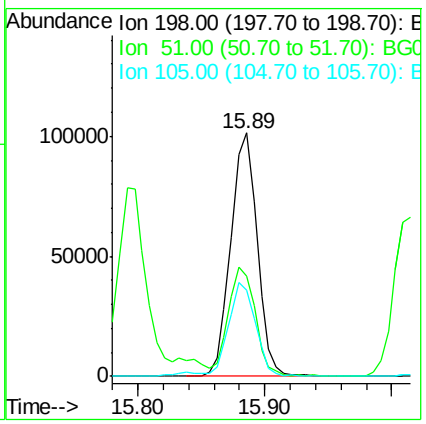


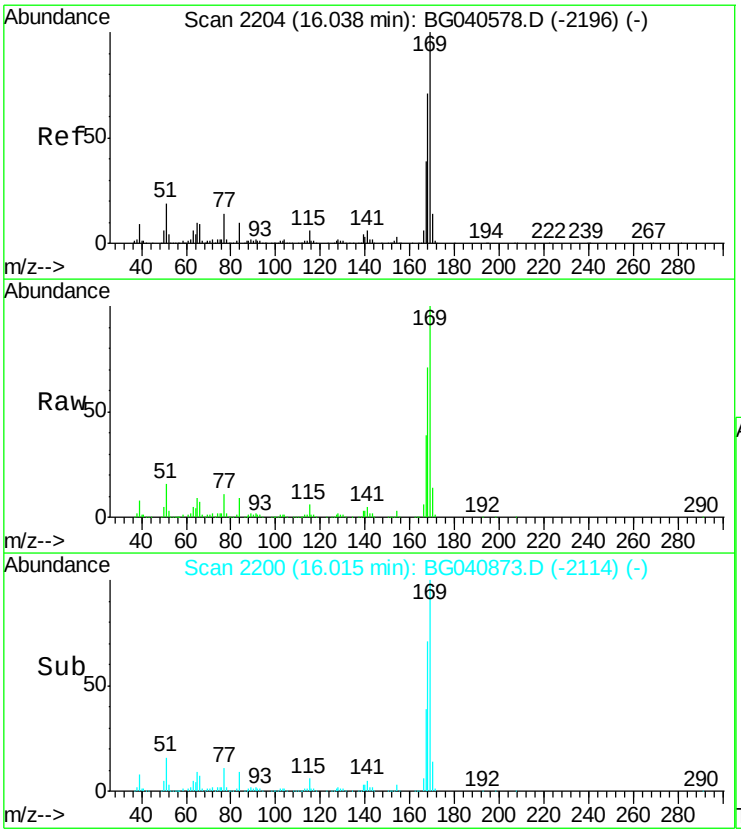

#65
4,6-Dinitro-2-methylphenol
Concen: 56.603 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 146239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 41.4 | 35.9 | 75.9 |
| 105 | 35.6 | 21.2 | 61.2 |

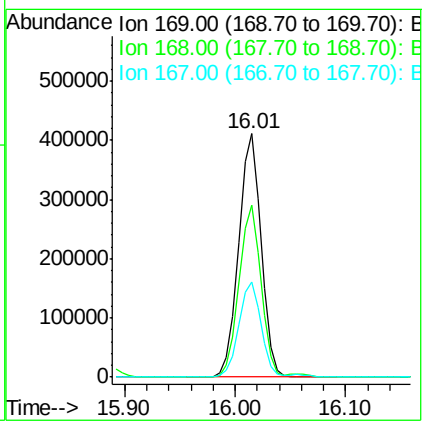


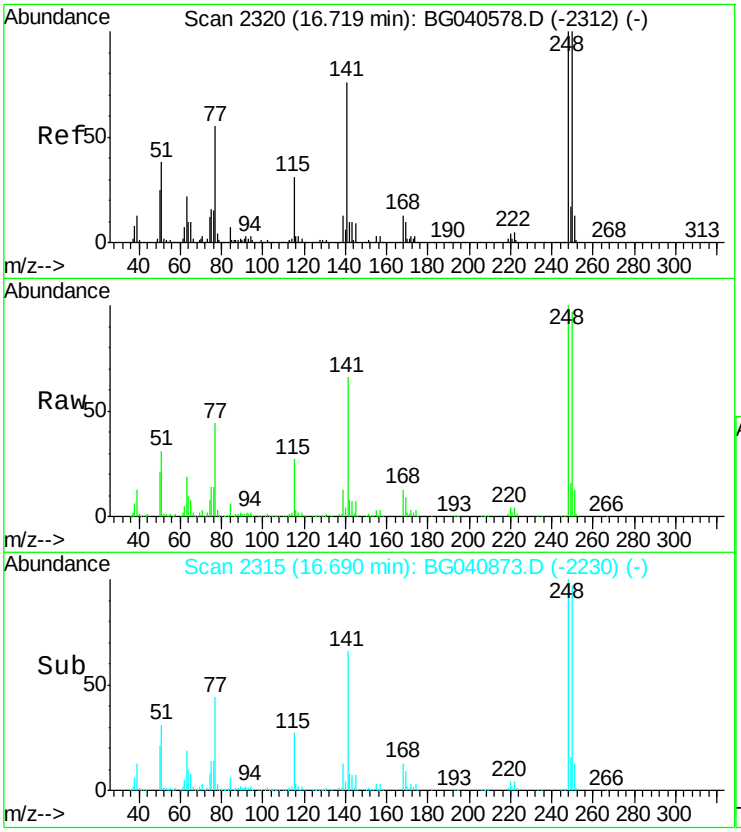




#66
n-Nitrosodiphenylamine
Concen: 39.012 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:169 Resp: 586358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.8 | 56.8 | 85.2 |
| 167 | 39.3 | 31.4 | 47.0 |



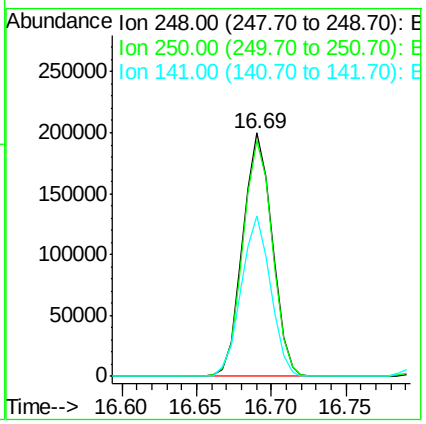


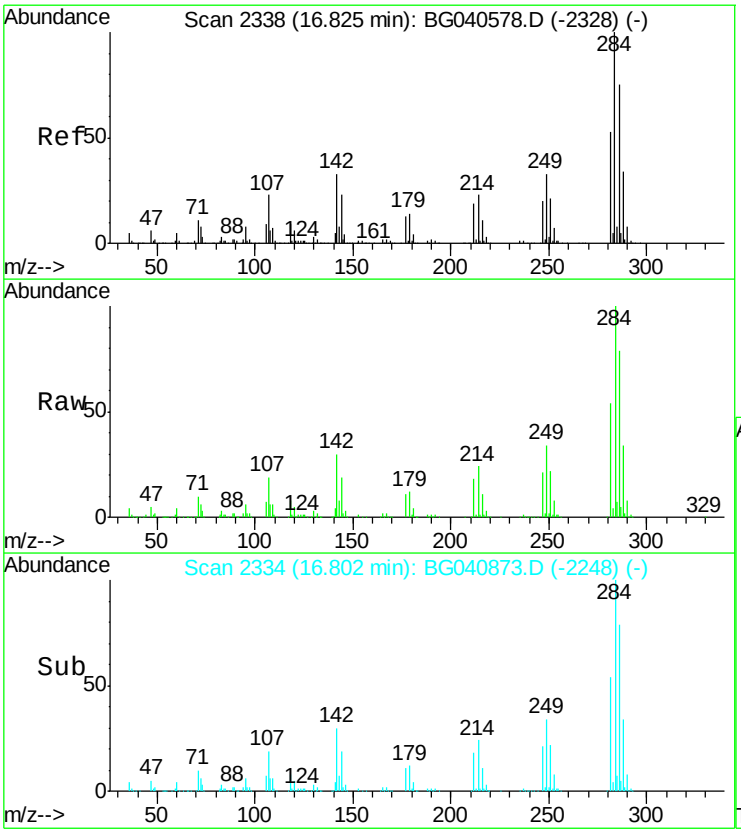

#67
4-Bromophenyl-phenylether
Concen: 42.814 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 272493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 79.8 | 119.6 |
| 141 | 66.0 | 60.8 | 91.2 |

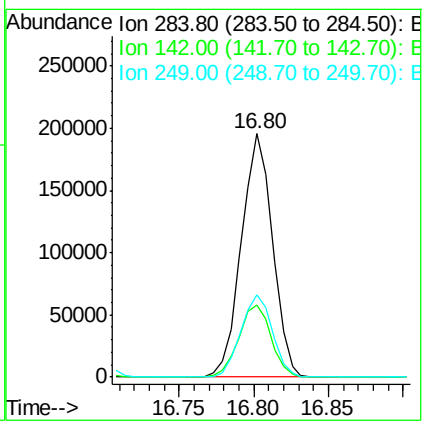


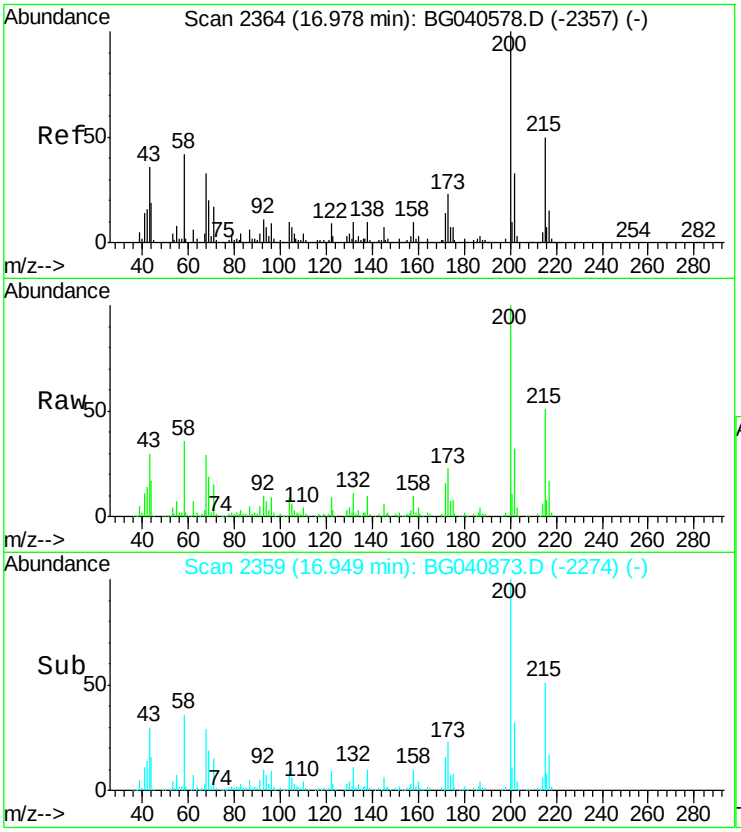




#68
Hexachlorobenzene
Concen: 42.840 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:284 Resp: 281933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.7 | 26.6 | 40.0 |
| 249 | 33.9 | 26.0 | 39.0 |



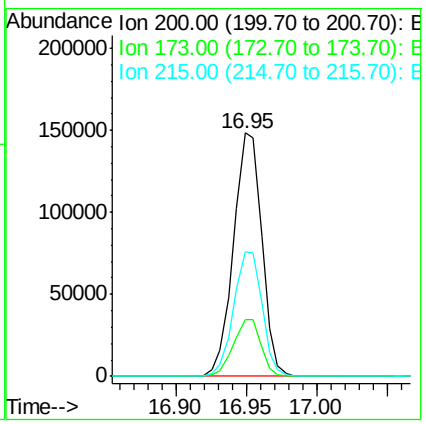


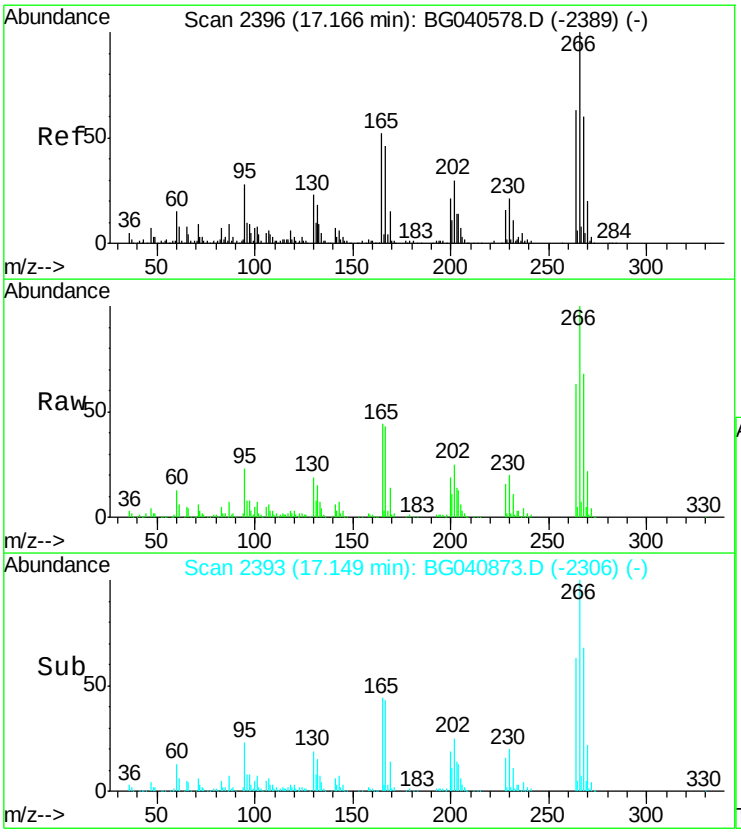

#69
Atrazine
Concen: 34.811 ng
RT: 16.95 min Scan# 2359
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 207294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.5 | 2.8 | 42.8 |
| 215 | 50.9 | 30.2 | 70.2 |

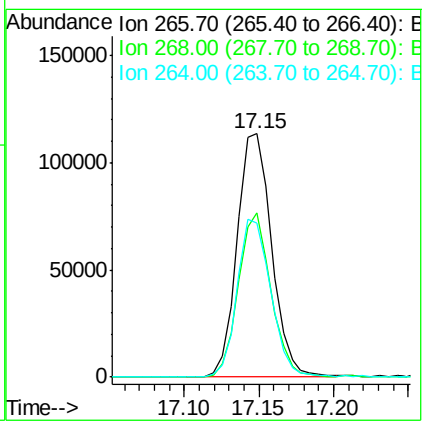


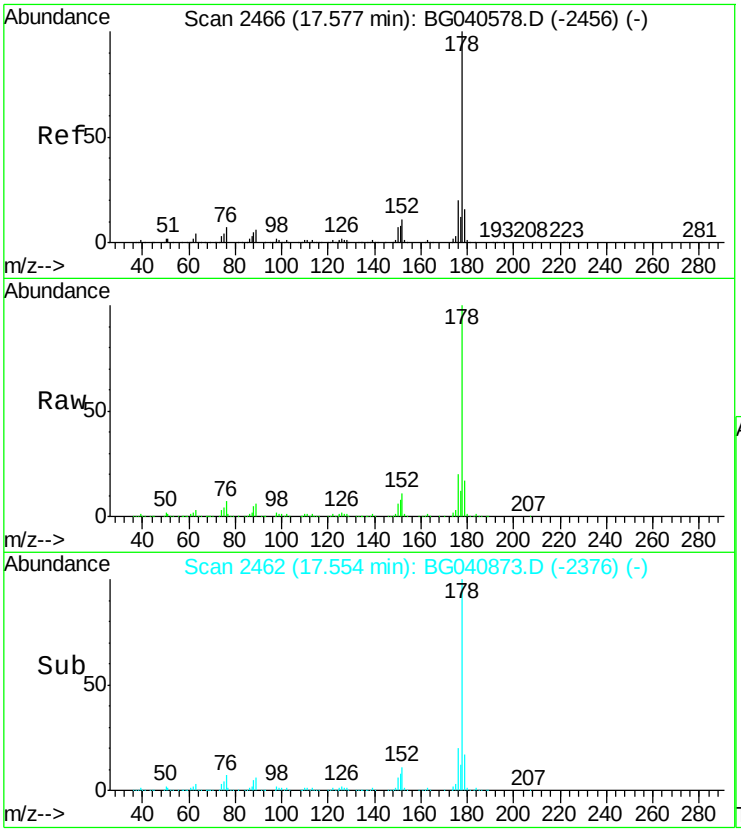




#70
Pentachlorophenol
Concen: 47.315 ng
RT: 17.15 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:266 Resp: 182209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.6 | 52.3 | 78.5 |
| 264 | 63.3 | 50.0 | 75.0 |



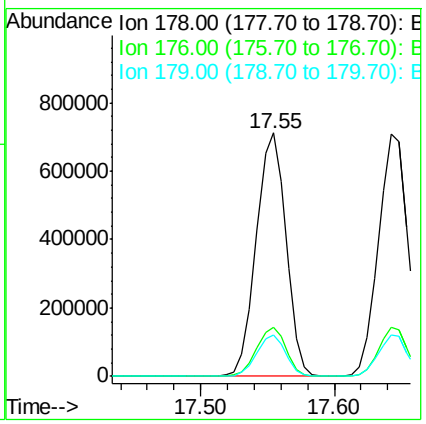


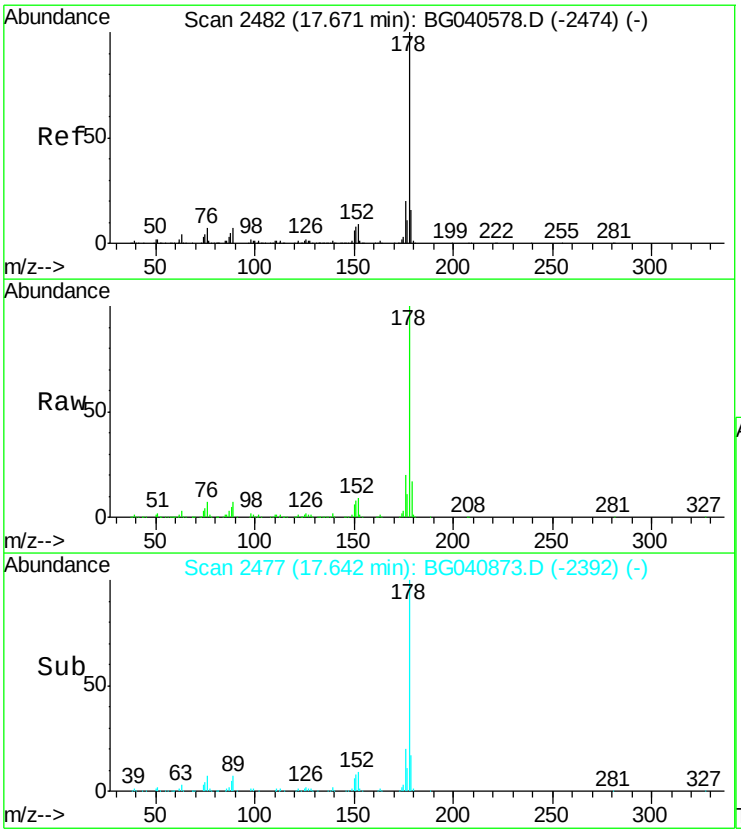

#71
Phenanthrene
Concen: 39.772 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 1094390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 15.8 | 23.6 |
| 179 | 17.0 | 12.6 | 18.8 |

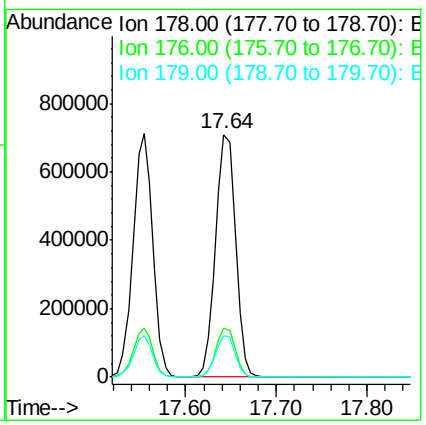


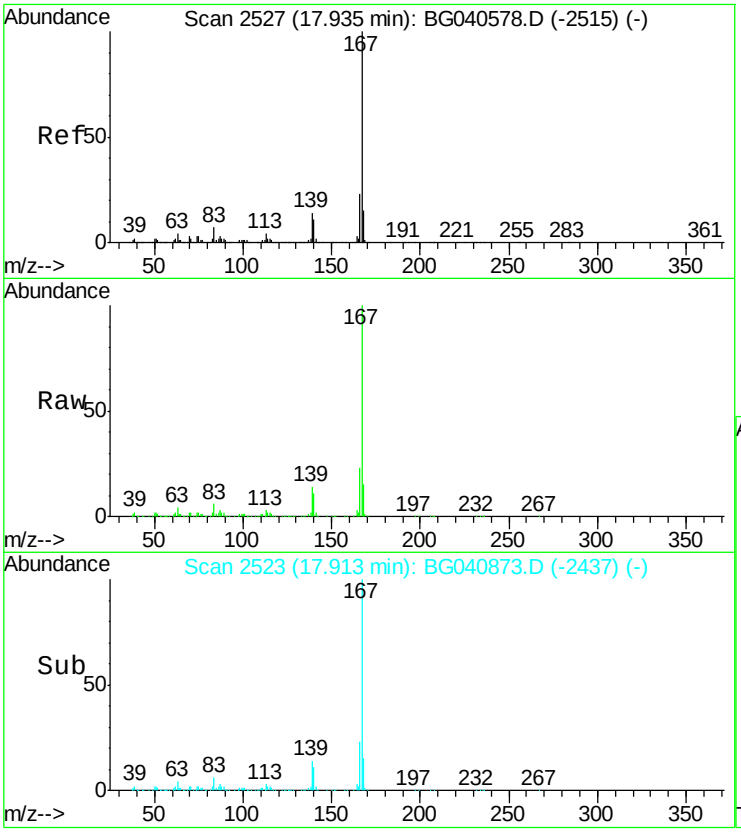




#72
Anthracene
Concen: 39.253 ng
RT: 17.64 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:178 Resp: 1085688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 15.6 | 23.4 |
| 179 | 17.2 | 12.9 | 19.3 |



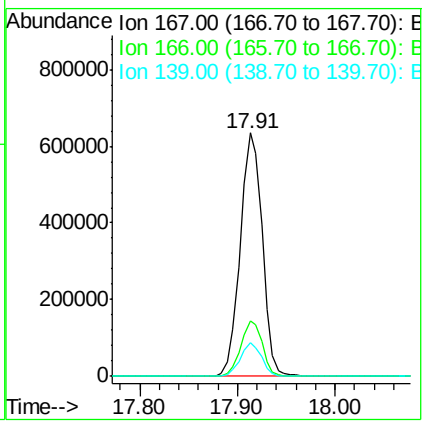


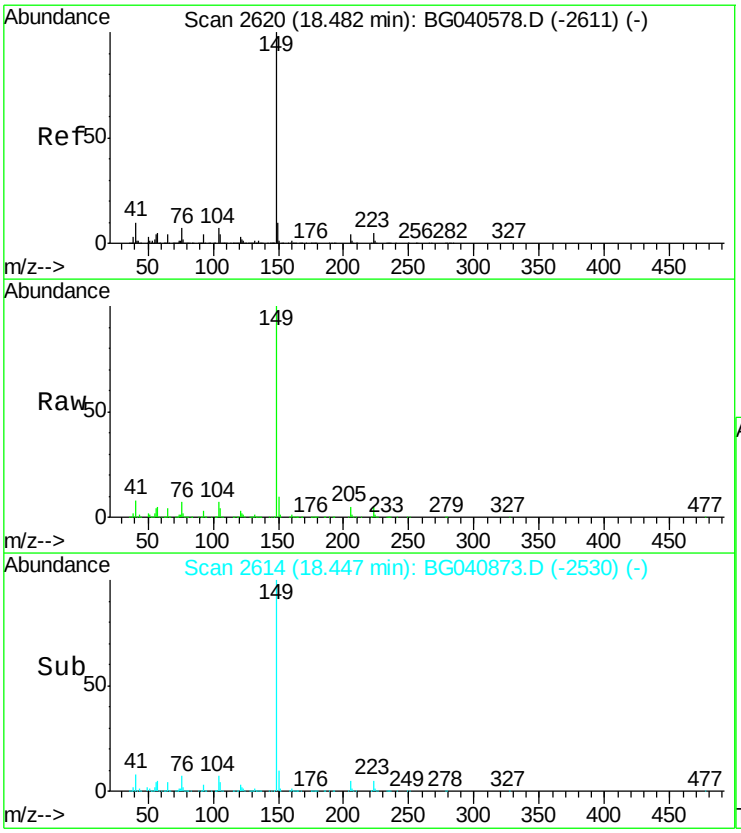

#73
Carbazole
Concen: 39.667 ng
RT: 17.91 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 999577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.9 | 18.2 | 27.4 |
| 139 | 14.0 | 11.4 | 17.0 |

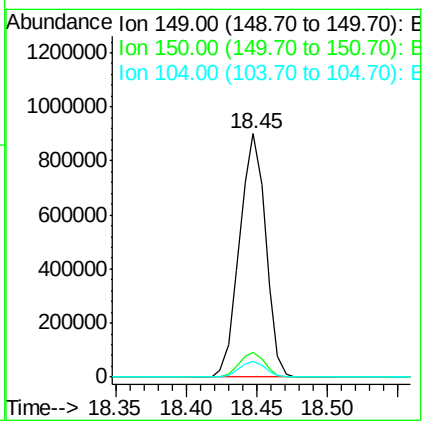


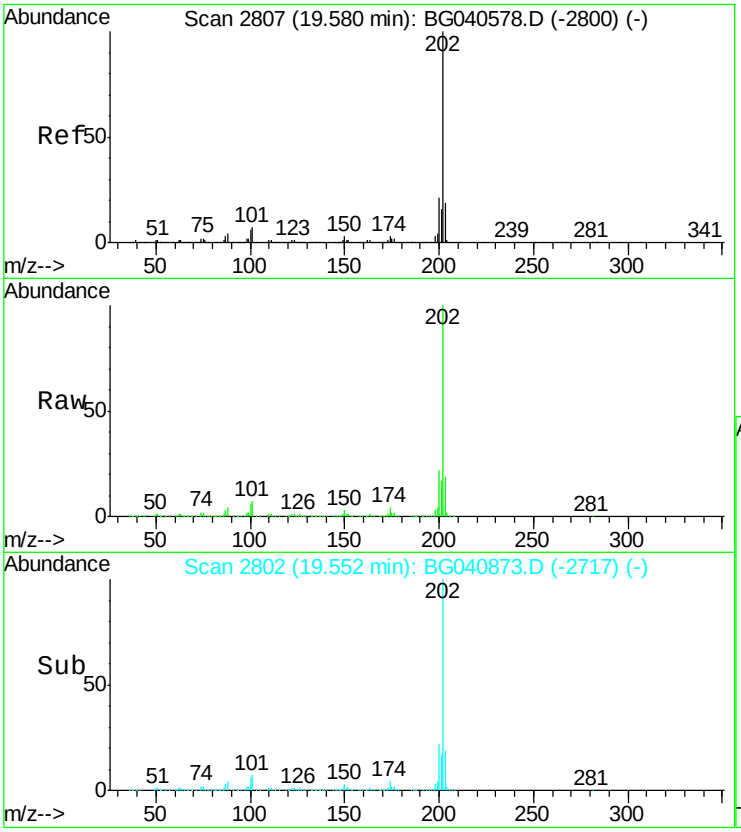




#74
Di-n-butylphthalate
Concen: 38.346 ng
RT: 18.45 min Scan# 2614
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:149 Resp: 1166302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.2 | 8.2 | 12.2 |
| 104 | 6.7 | 5.4 | 8.2 |



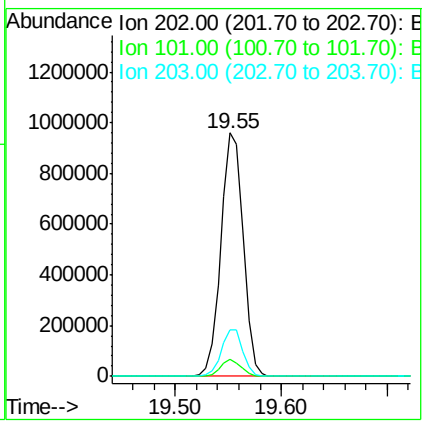


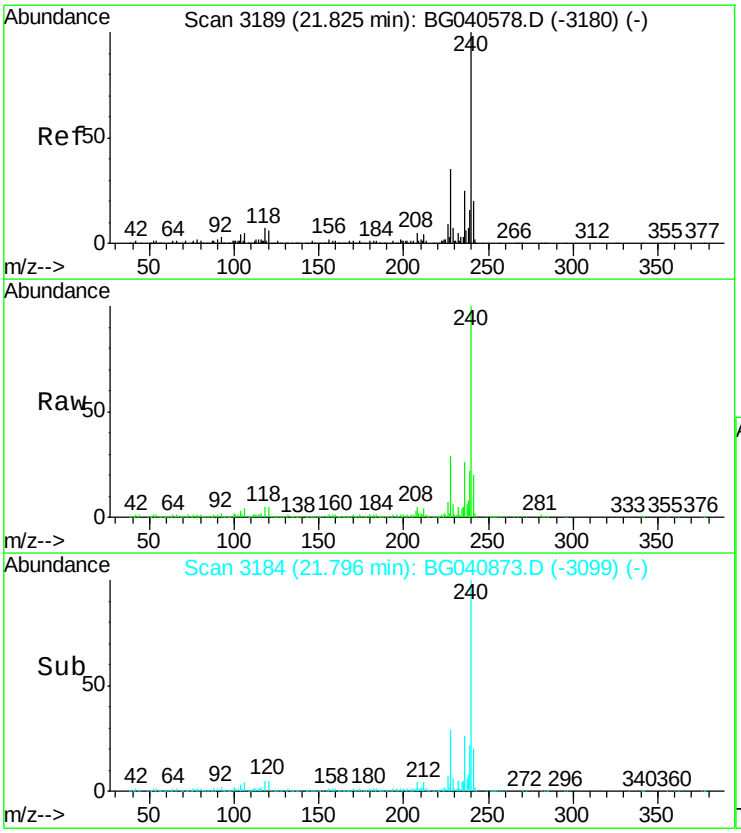

#75
Fluoranthene
Concen: 40.744 ng
RT: 19.55 min Scan# 2802
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 1397109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.8 | 0.0 | 27.5 |
| 203 | 19.1 | 0.0 | 39.3 |

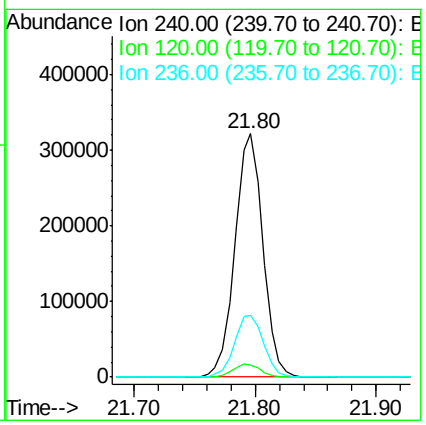


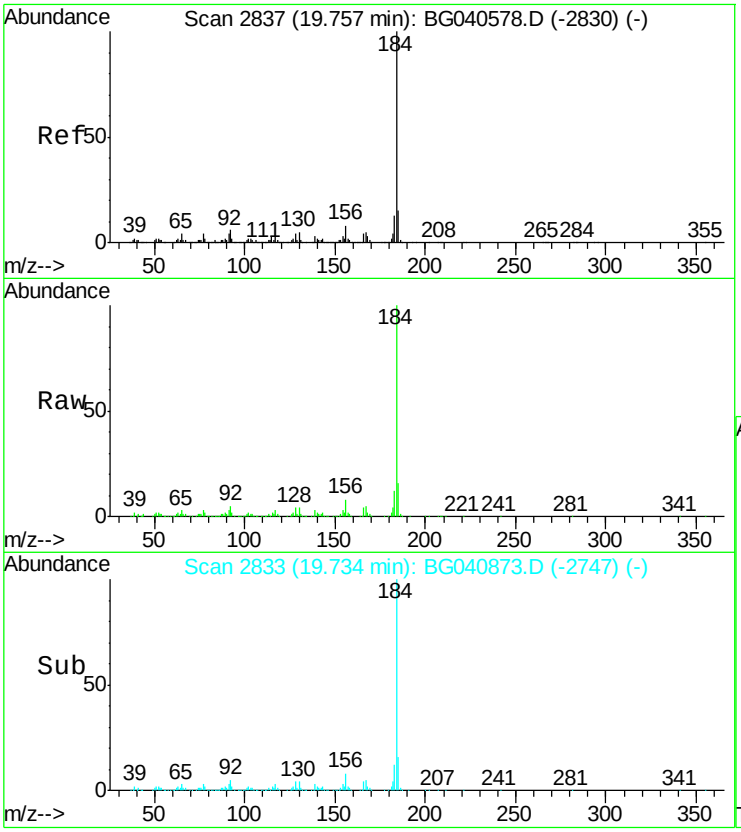




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:240 Resp: 518159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.1 | 5.0 | 7.6 |
| 236 | 25.5 | 20.3 | 30.5 |



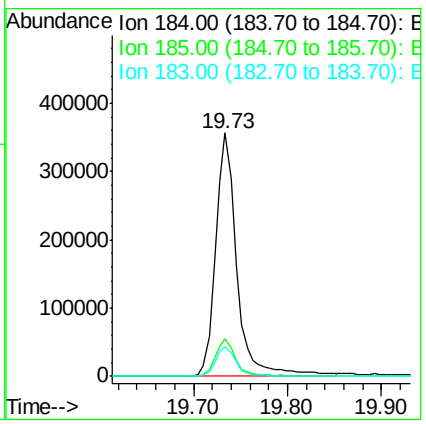


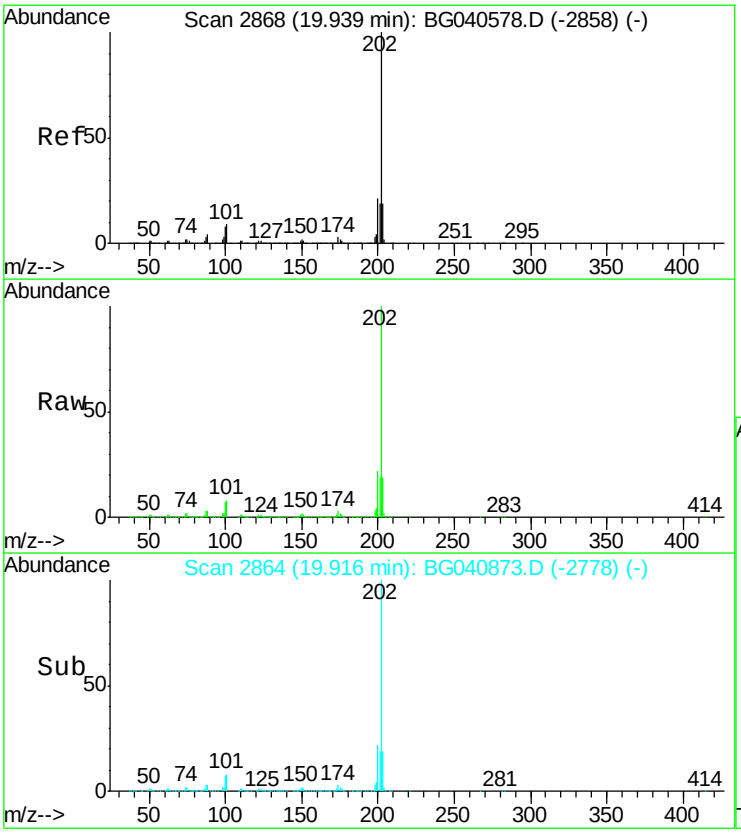

#77
Benzidine
Concen: 39.667 ng
RT: 19.73 min Scan# 2833
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 562776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.6 | 11.8 | 17.8 |
| 183 | 12.4 | 10.2 | 15.2 |

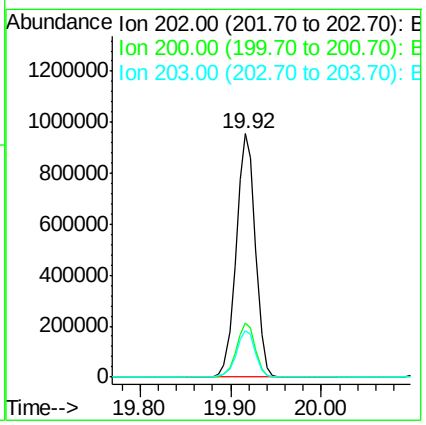


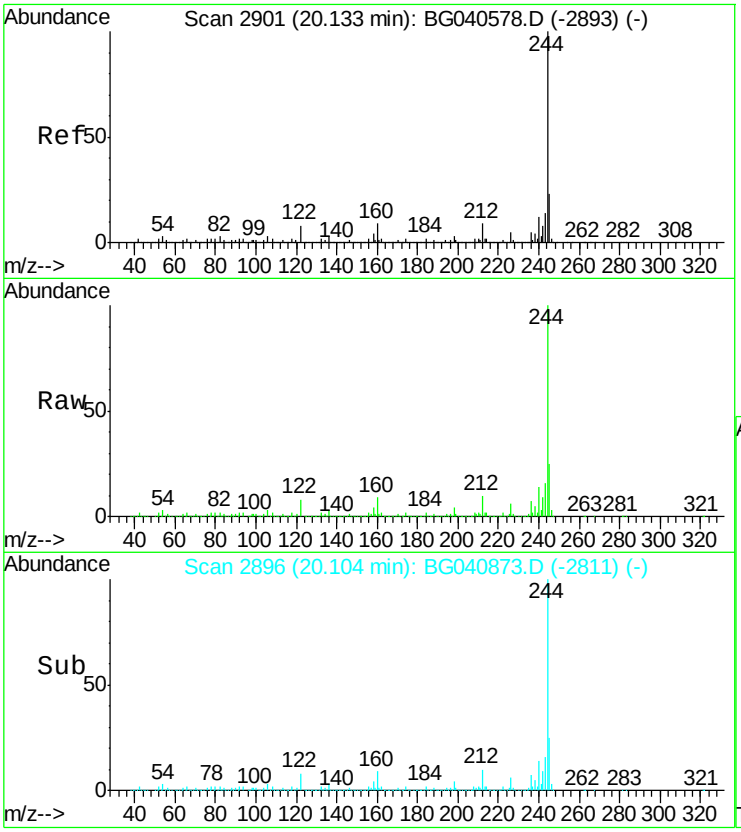




#78
Pyrene
Concen: 43.328 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:202 Resp: 1407102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.3 | 17.2 | 25.8 |
| 203 | 18.9 | 15.0 | 22.4 |



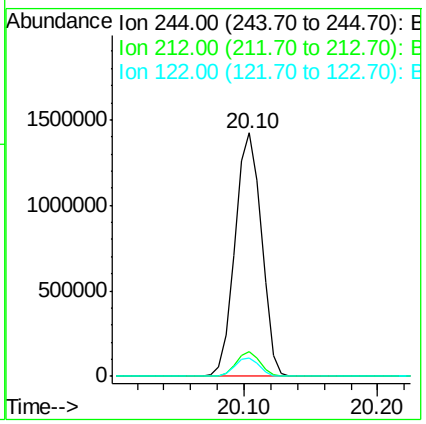


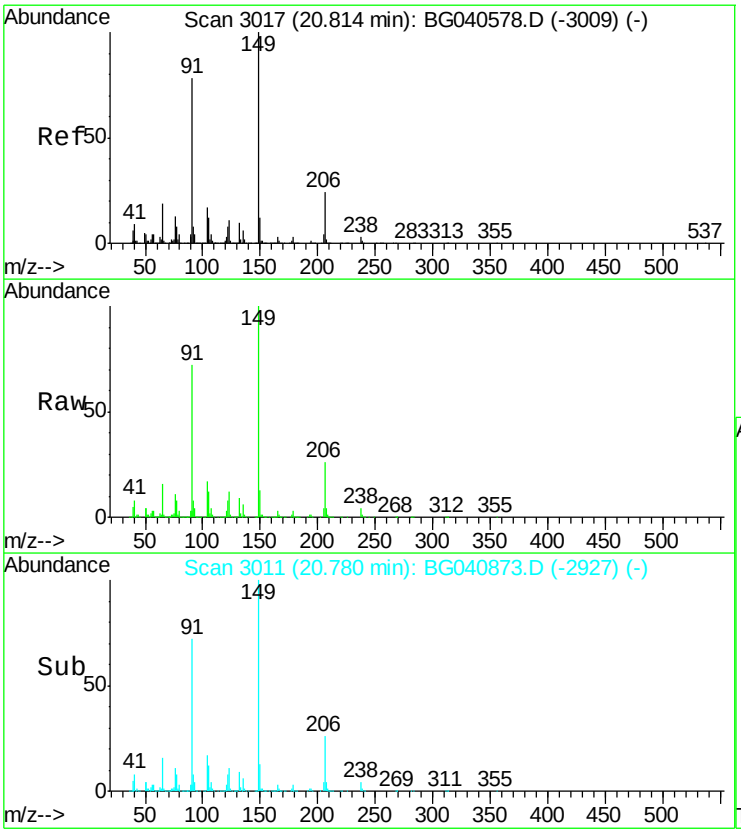

#79
Terphenyl-d14
Concen: 83.718 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp: 1958055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.9 | 7.2 | 10.8 |
| 122 | 7.7 | 6.6 | 10.0 |

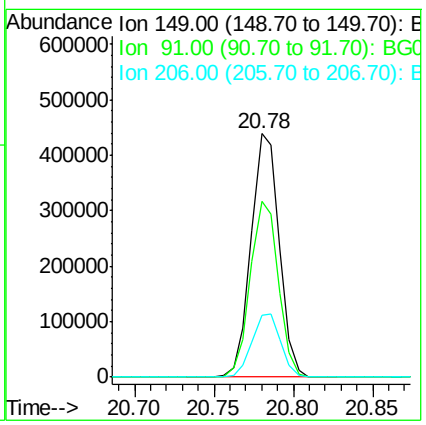


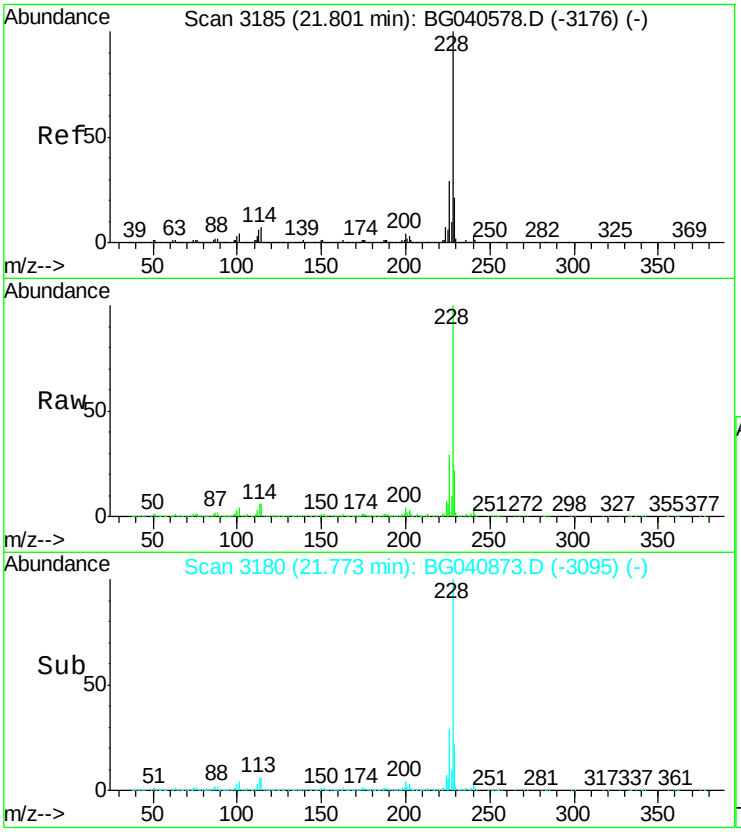




#80
Butylbenzylphthalate
Concen: 42.978 ng
RT: 20.78 min Scan# 3011
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:149 Resp: 543998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.2 | 62.6 | 93.8 |
| 206 | 25.6 | 19.4 | 29.2 |



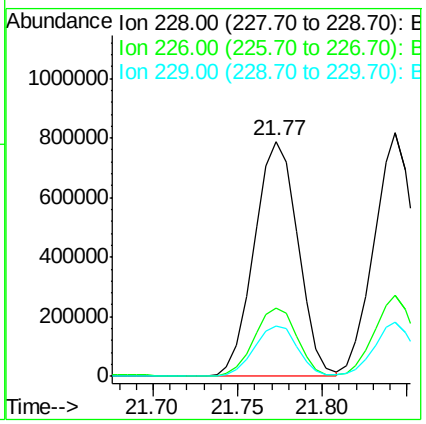


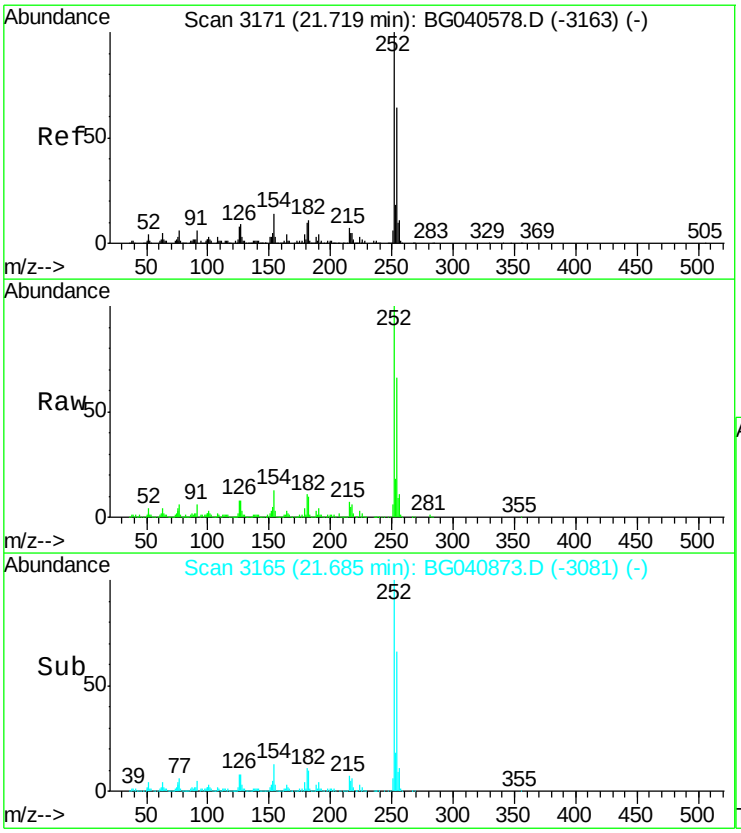

#81
Benzo(a)anthracene
Concen: 43.028 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 1409068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 23.1 | 34.7 |
| 229 | 21.5 | 17.0 | 25.4 |

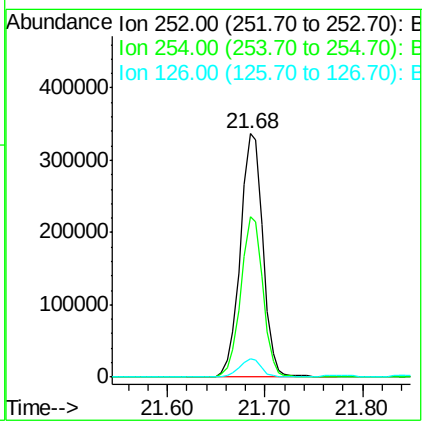


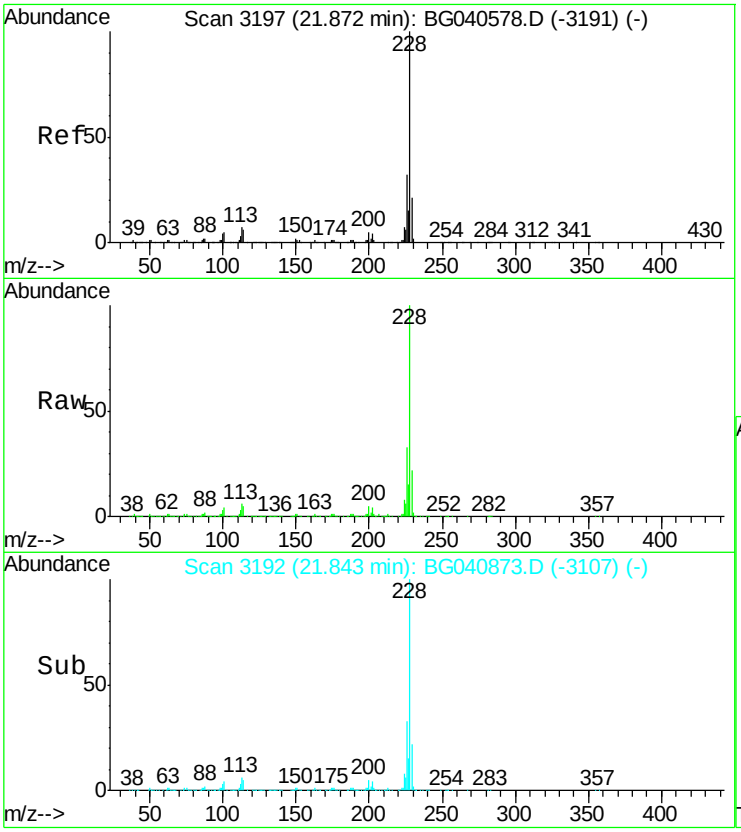




#82
3,3'-Dichlorobenzidine
Concen: 46.175 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:252 Resp: 538969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.1 | 51.2 | 76.8 |
| 126 | 7.6 | 6.6 | 10.0 |



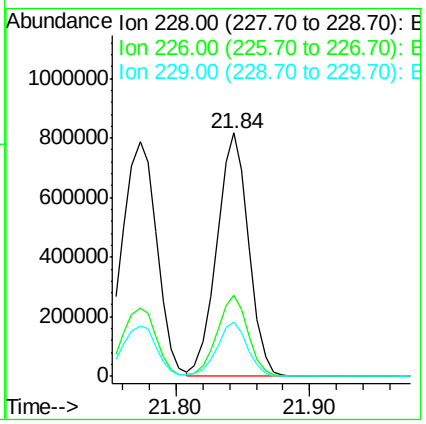


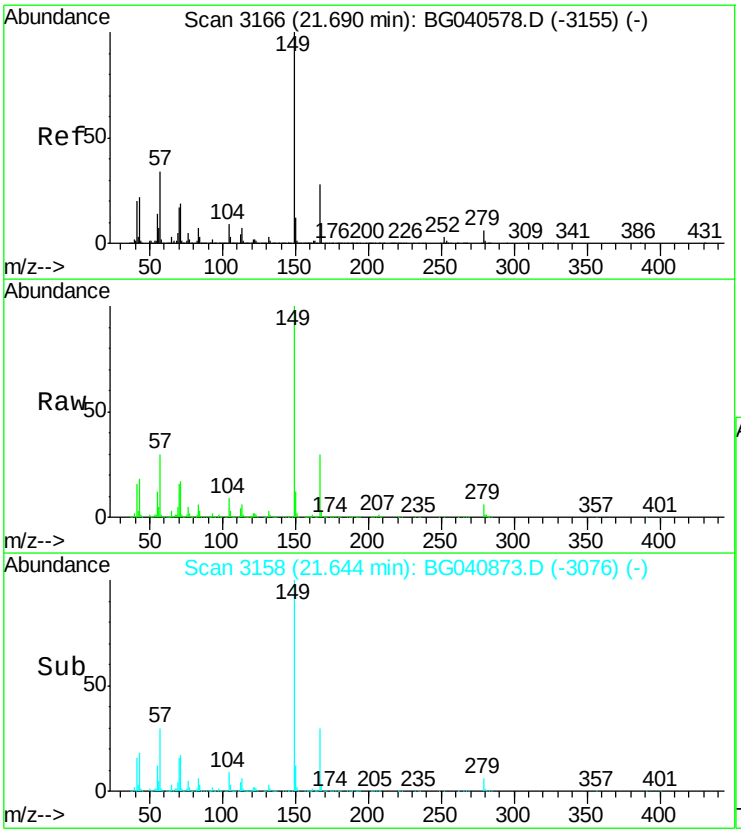

#83
Chrysene
Concen: 43.623 ng
RT: 21.84 min Scan# 3192
Delta R.T. -0.03 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 1358609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.2 | 25.5 | 38.3 |
| 229 | 22.1 | 16.8 | 25.2 |

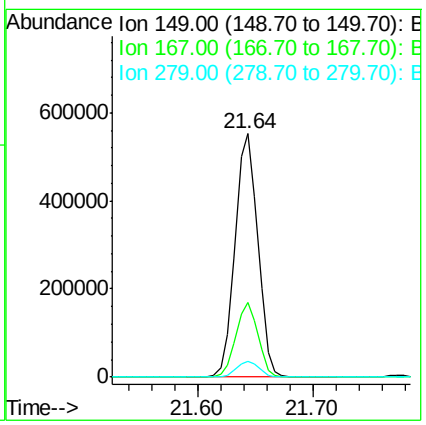


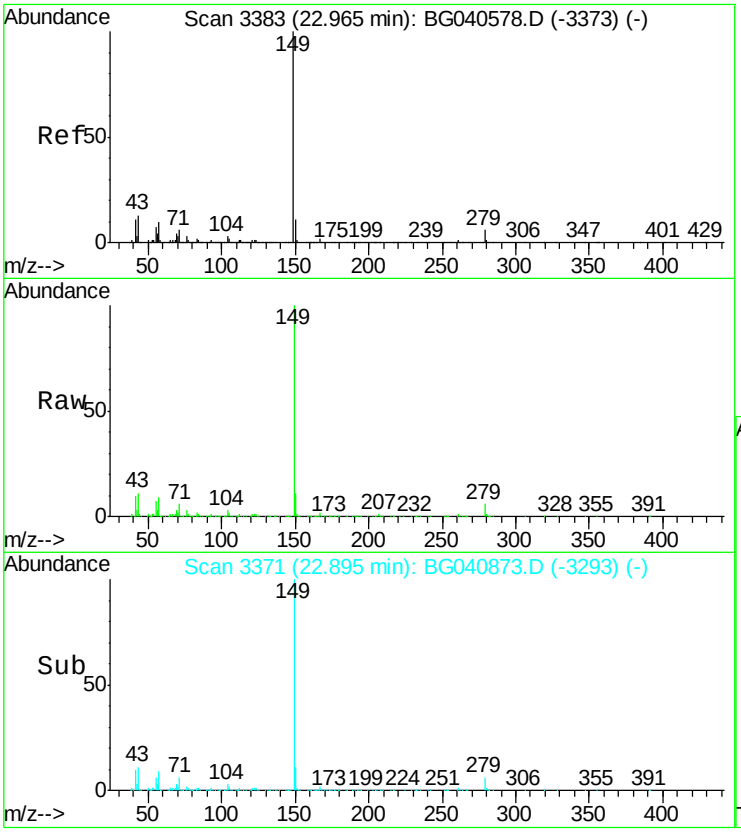




#84
Bis(2-ethylhexyl)phthalate
Concen: 41.145 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.05 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:149 Resp: 751772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.5 | 22.4 | 33.6 |
| 279 | 6.3 | 4.6 | 6.8 |



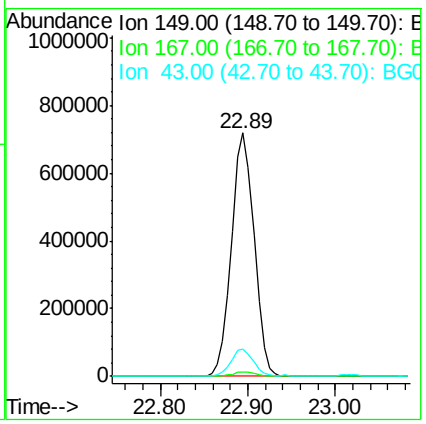


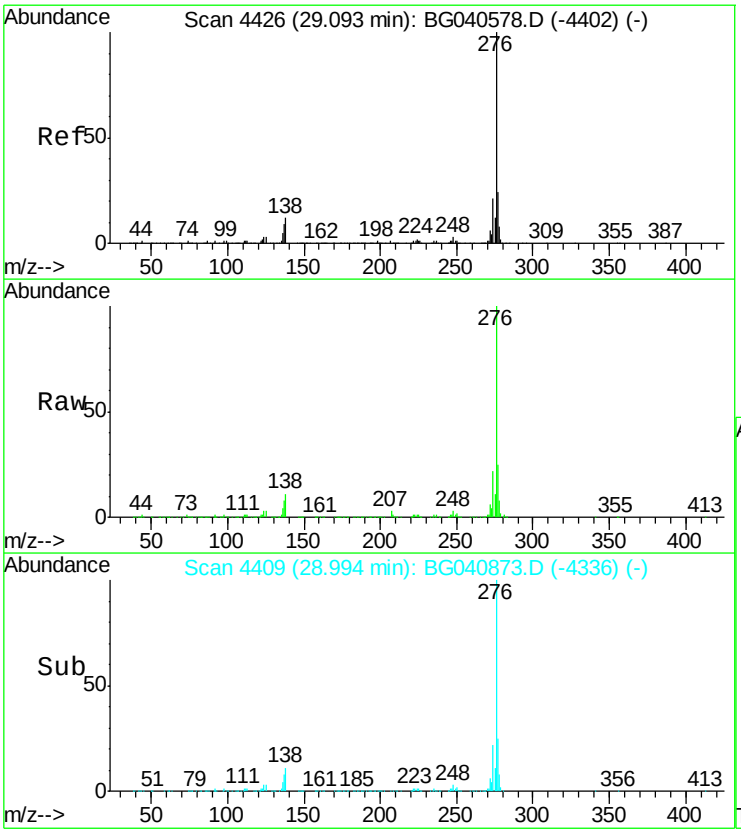

#85
Di-n-octyl phthalate
Concen: 40.719 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.07 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 1252972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.4 | 2.2 |
| 43 | 11.0 | 10.2 | 15.2 |

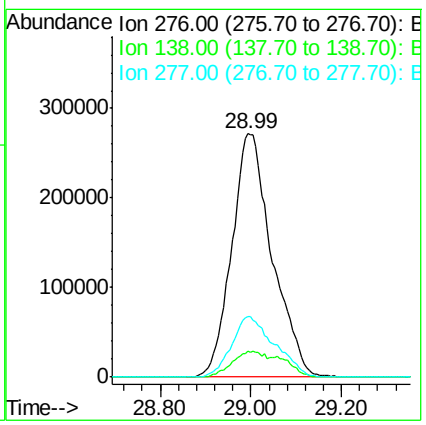


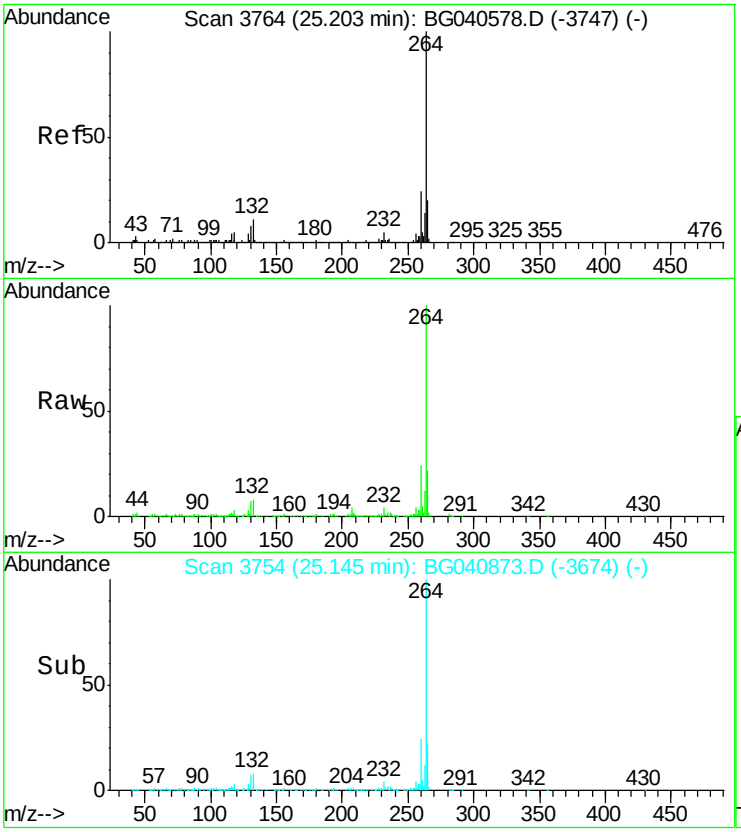




#86
Indeno(1,2,3-cd)pyrene
Concen: 44.691 ng
RT: 28.99 min Scan# 4409
Delta R.T. -0.10 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:276 Resp: 1682854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 8.9 | 9.8 | 14.6# |
| 277 | 26.4 | 17.3 | 25.9# |



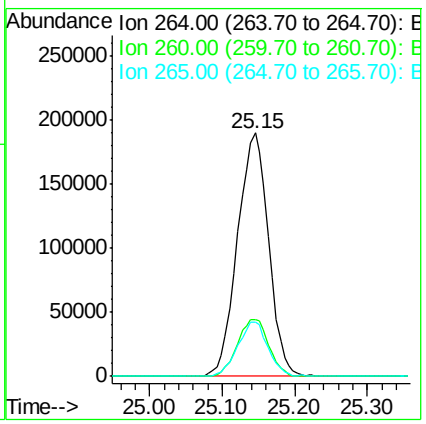


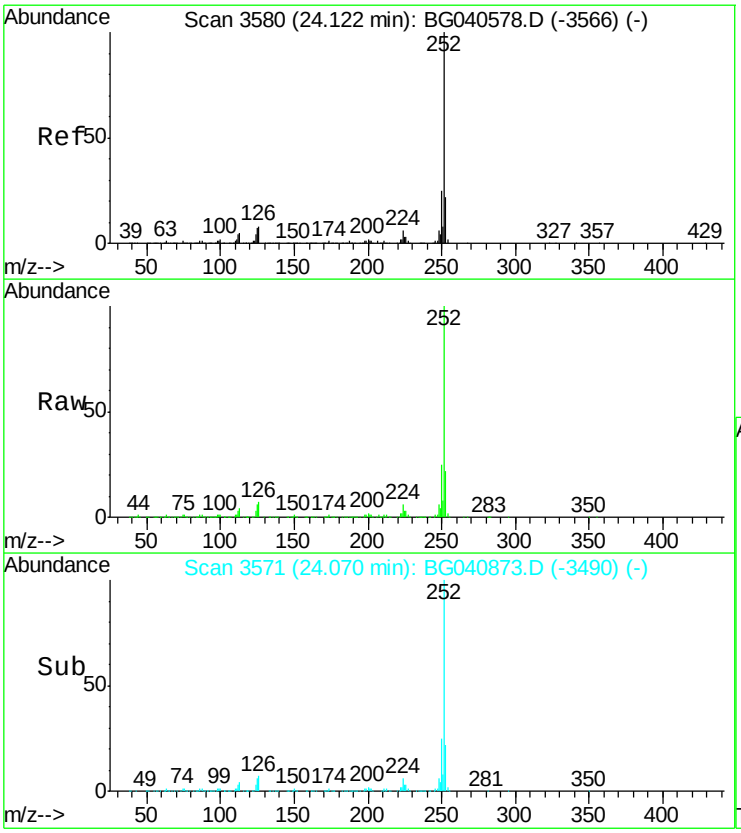

#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3754
Delta R.T. -0.06 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:264 Resp: 564245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.2 | 28.8 |
| 265 | 22.2 | 16.6 | 25.0 |

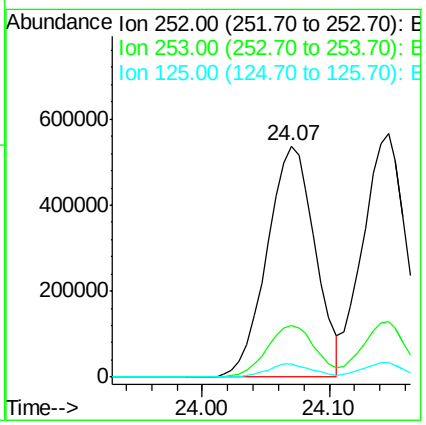


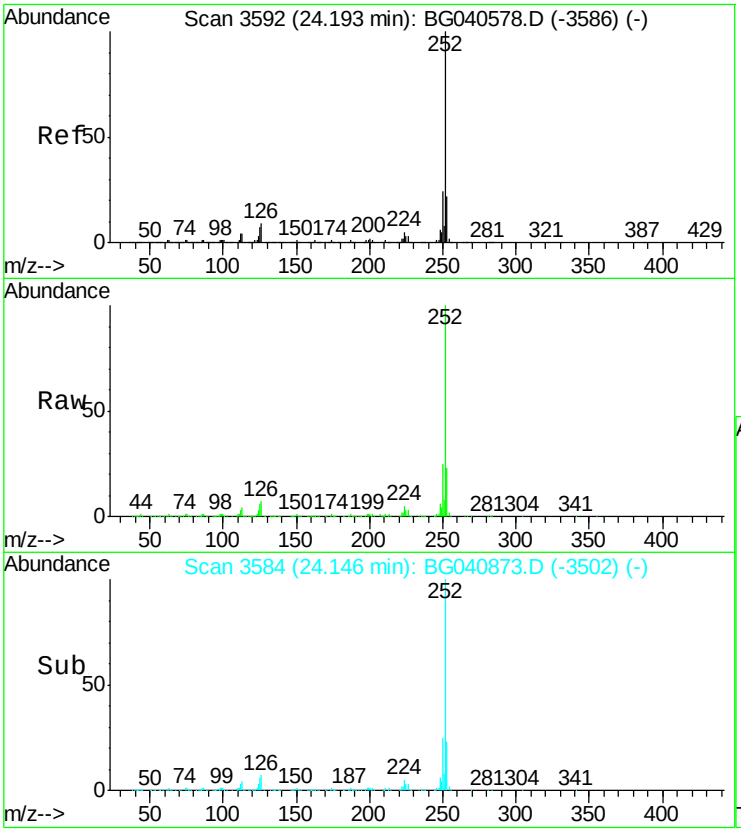




#88
Benzo(b)fluoranthene
Concen: 40.997 ng
RT: 24.07 min Scan# 3571
Delta R.T. -0.05 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:252 Resp: 1413589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.6 | 26.4 |
| 125 | 5.9 | 5.4 | 8.0 |



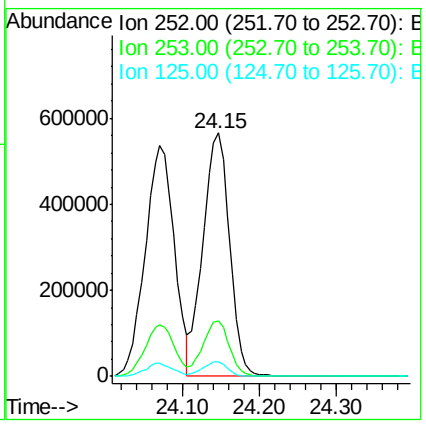


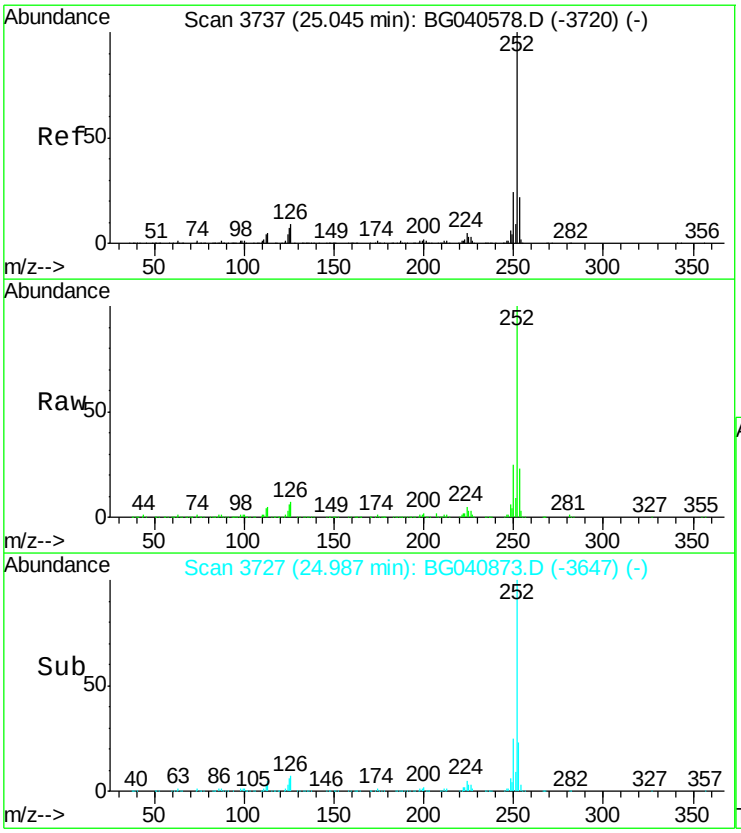

#89
Benzo(k)fluoranthene
Concen: 41.808 ng
RT: 24.15 min Scan# 3584
Delta R.T. -0.05 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 1346272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.6 | 26.4 |
| 125 | 6.0 | 5.5 | 8.3 |

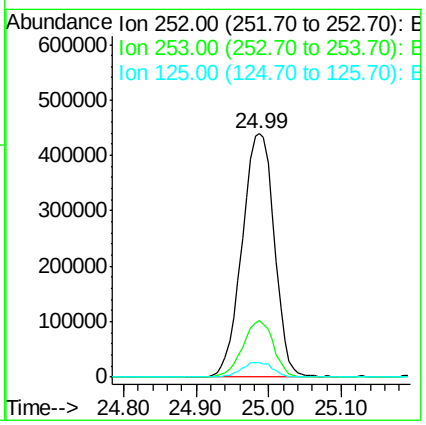


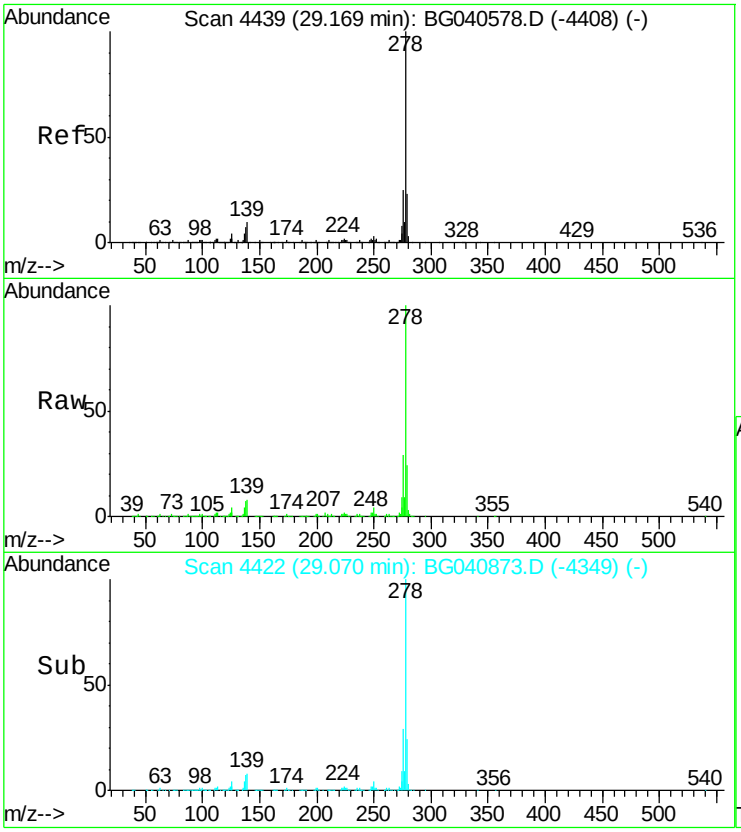




#90
Benzo(a)pyrene
Concen: 41.453 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:252 Resp: 1352955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.8 | 26.6 |
| 125 | 6.0 | 5.7 | 8.5 |



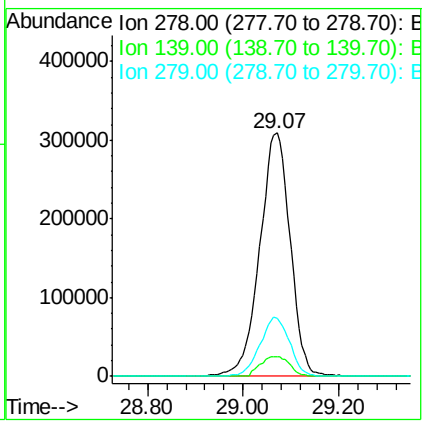


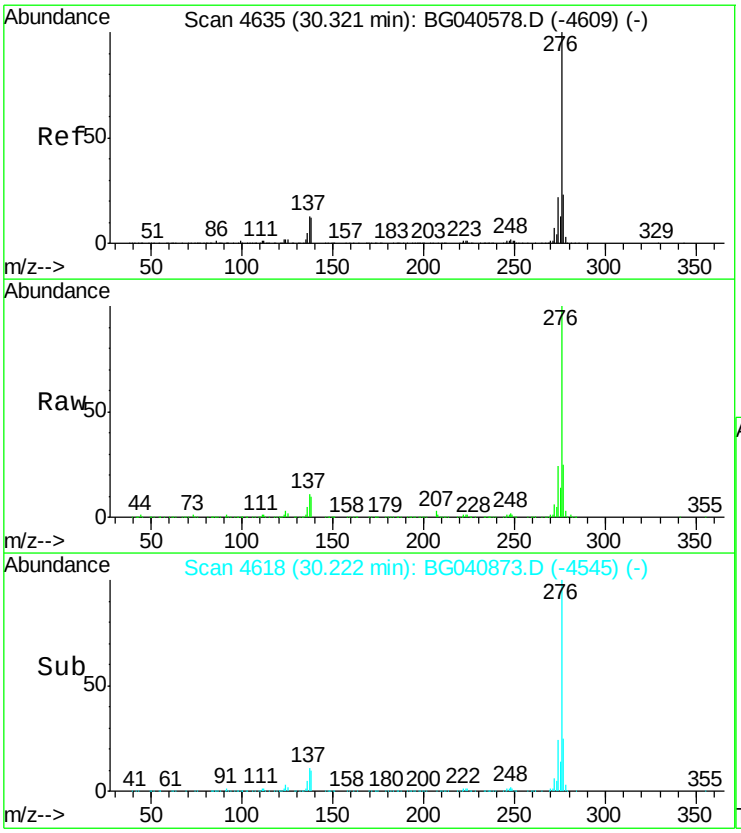

#91
Dibenzo(a,h)anthracene
Concen: 41.361 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.10 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 1366123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.9 | 8.2 | 12.4# |
| 279 | 23.7 | 18.5 | 27.7 |




#92
Benzo(g,h,i)perylene
Concen: 41.589 ng
RT: 30.22 min Scan# 4618
Delta R.T. -0.10 min
Lab File: BG040873.D
Acq: 11 May 2019 14:47

Tgt Ion:276 Resp: 1367094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.5 | 18.4 | 27.6 |
| 138 | 9.9 | 9.8 | 14.6 |