Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050574.D
Acq On : 13 Oct 2021 17:30
Operator : CG/JU
Sample : M4047-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-1MS

Quant Time: Oct 14 03:04:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.258 | 152 | 40410 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.084 | 136 | 168494 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.874 | 164 | 116215 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.624 | 188 | 274080 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.925 | 240 | 240875 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 25.332 | 264 | 242995 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.796 | 112 | 312412 | 115.621 | ng | | 0.00 |
| 7) Phenol-d6 | 7.400 | 99 | 395893 | 101.198 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.433 | 82 | 349155 | 85.781 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.360 | 330 | 154298 | 139.197 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.505 | 172 | 635972 | 82.361 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.209 | 244 | 1101478 | 89.116 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.652 | 88 | 48398 | 34.584 | ng | | 89 |
| 3) Pyridine | 4.063 | 79 | 88397 | 23.123 | ng | # | 90 |
| 4) n-Nitrosodimethylamine | 3.975 | 42 | 78198 | 43.405 | ng | # | 51 |
| 6) Aniline | 7.577 | 93 | 162516 | 35.756 | ng | | 93 |
| 8) 2-Chlorophenol | 7.818 | 128 | 127479 | 49.001 | ng | | 91 |
| 9) Benzaldehyde | 7.389 | 77 | 125054 | 52.217 | ng | | 88 |
| 10) Phenol | 7.430 | 94 | 149064 | 39.189 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 7.665 | 93 | 137424 | 46.289 | ng | | 86 |
| 12) 1,3-Dichlorobenzene | 8.147 | 146 | 123207 | 41.026 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.293 | 146 | 124157 | 41.008 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.617 | 146 | 121243 | 41.925 | ng | | 96 |
| 15) Benzyl Alcohol | 8.493 | 79 | 150820 | 48.785 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.787 | 45 | 220558 | 45.554 | ng | | 85 |
| 17) 2-Methylphenol | 8.693 | 107 | 118709 | 47.431 | ng | | 92 |
| 18) Hexachloroethane | 9.351 | 117 | 48250 | 42.107 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 9.063 | 70 | 133421 | 46.792 | ng | # | 89 |
| 20) 3+4-Methylphenols | 9.016 | 107 | 161188 | 45.756 | ng | | 95 |
| 22) Acetophenone | 9.087 | 105 | 216154 | 45.124 | ng | | 97 |
| 24) Nitrobenzene | 9.474 | 77 | 189483 | 46.818 | ng | | 94 |
| 25) Isophorone | 9.991 | 82 | 345344 | 47.834 | ng | # | 96 |
| 26) 2-Nitrophenol | 10.185 | 139 | 73115 | 49.200 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 10.232 | 122 | 131594 | 51.254 | ng | | 93 |
| 28) bis(2-Chloroethoxy)met... | 10.473 | 93 | 191333 | 46.350 | ng | # | 91 |
| 29) 2,4-Dichlorophenol | 10.720 | 162 | 128524 | 49.113 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.943 | 180 | 122900 | 41.344 | ng | | 94 |
| 31) Naphthalene | 11.131 | 128 | 393563 | 43.637 | ng | | 98 |
| 32) Benzoic acid | 10.232 | 122 | 131594 | 69.059 | ng | # | 24 |
| 33) 4-Chloroaniline | 11.237 | 127 | 142058 | 37.541 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.407 | 225 | 73068 | 39.153 | ng | | 93 |
| 35) Caprolactam | 12.007 | 113 | 39978 | 39.917 | ng | # | 67 |
| 36) 4-Chloro-3-methylphenol | 12.336 | 107 | 167463 | 51.198 | ng | # | 91 |
| 37) 2-Methylnaphthalene | 12.718 | 142 | 292895 | 47.067 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.935 | 142 | 270972 | 44.905 | ng | | 93 |
| 40) 1,2,4,5-Tetrachloroben... | 13.082 | 216 | 151047 | 44.013 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 13.058 | 237 | 158524 | 79.925 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 13.311 | 196 | 115444 | 47.737 | ng | | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050574.D
Acq On : 13 Oct 2021 17:30
Operator : CG/JU
Sample : M4047-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-1MS

Quant Time: Oct 14 03:04:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.387 | 196 | 123282 | 48.759 | ng | | 91 |
| 46) 1,1'-Biphenyl | 13.716 | 154 | 372603 | 43.956 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.763 | 162 | 296110 | 45.493 | ng | | 99 |
| 48) 2-Nitroaniline | 13.957 | 65 | 140232 | 54.159 | ng | | 95 |
| 49) Acenaphthylene | 14.604 | 152 | 500378 | 46.918 | ng | | 98 |
| 50) Dimethylphthalate | 14.322 | 163 | 439928 | 50.081 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.445 | 165 | 94071 | 53.466 | ng | | 94 |
| 52) Acenaphthene | 14.944 | 154 | 296217 | 43.223 | ng | | 93 |
| 53) 3-Nitroaniline | 14.780 | 138 | 93944 | 45.140 | ng | | 86 |
| 54) 2,4-Dinitrophenol | 14.986 | 184 | 4902 | 4.491 | ng | | 92 |
| 55) Dibenzofuran | 15.273 | 168 | 488211 | 46.061 | ng | | 99 |
| 56) 4-Nitrophenol | 15.074 | 139 | 143454 | 85.690 | ng | # | 82 |
| 57) 2,4-Dinitrotoluene | 15.232 | 165 | 136040 | 54.856 | ng | | 93 |
| 58) Fluorene | 15.920 | 166 | 395499 | 48.579 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.491 | 232 | 105611 | 47.952 | ng | | 96 |
| 60) Diethylphthalate | 15.673 | 149 | 474891 | 51.453 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.908 | 204 | 211369 | 47.449 | ng | | 97 |
| 62) 4-Nitroaniline | 15.937 | 138 | 111569 | 51.526 | ng | # | 69 |
| 63) Azobenzene | 16.196 | 77 | 514799 | 48.184 | ng | | 82 |
| 65) 4,6-Dinitro-2-methylph... | 15.990 | 198 | 13055 | 7.930 | ng | | 88 |
| 66) n-Nitrosodiphenylamine | 16.120 | 169 | 367176 | 47.148 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.801 | 248 | 129665 | 46.949 | ng | | 100 |
| 68) Hexachlorobenzene | 16.919 | 284 | 131231 | 47.808 | ng | # | 93 |
| 69) Atrazine | 17.060 | 200 | 155820 | 50.793 | ng | | 98 |
| 70) Pentachlorophenol | 17.265 | 266 | 100780 | 53.933 | ng | | 99 |
| 71) Phenanthrene | 17.665 | 178 | 686039 | 47.500 | ng | | 98 |
| 72) Anthracene | 17.753 | 178 | 703942 | 49.048 | ng | | 99 |
| 73) Carbazole | 18.023 | 167 | 657558 | 45.970 | ng | | 96 |
| 74) Di-n-butylphthalate | 18.558 | 149 | 812015 | 48.373 | ng | # | 97 |
| 75) Fluoranthene | 19.662 | 202 | 827190 | 46.592 | ng | | 96 |
| 77) Benzidine | 19.833 | 184 | 376073 | 48.171 | ng | | 98 |
| 78) Pyrene | 20.021 | 202 | 836194 | 48.929 | ng | | 97 |
| 80) Butylbenzylphthalate | 20.890 | 149 | 363718 | 50.315 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.901 | 228 | 755060 | 47.374 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.807 | 252 | 240325 | 45.498 | ng | # | 98 |
| 83) Chrysene | 21.972 | 228 | 726104 | 48.432 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 21.778 | 149 | 527241 | 51.332 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 23.053 | 149 | 888470 | 51.862 | ng | | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 29.269 | 276 | 841211 | 49.703 | ng | # | 88 |
| 88) Benzo(b)fluoranthene | 24.245 | 252 | 768457 | 51.638 | ng | # | 94 |
| 89) Benzo(k)fluoranthene | 24.322 | 252 | 736045 | 50.275 | ng | # | 97 |
| 90) Benzo(a)pyrene | 25.180 | 252 | 737562 | 58.292 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 29.339 | 278 | 705234 | 50.378 | ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 30.509 | 276 | 698115 | 50.918 | ng | # | 88 |

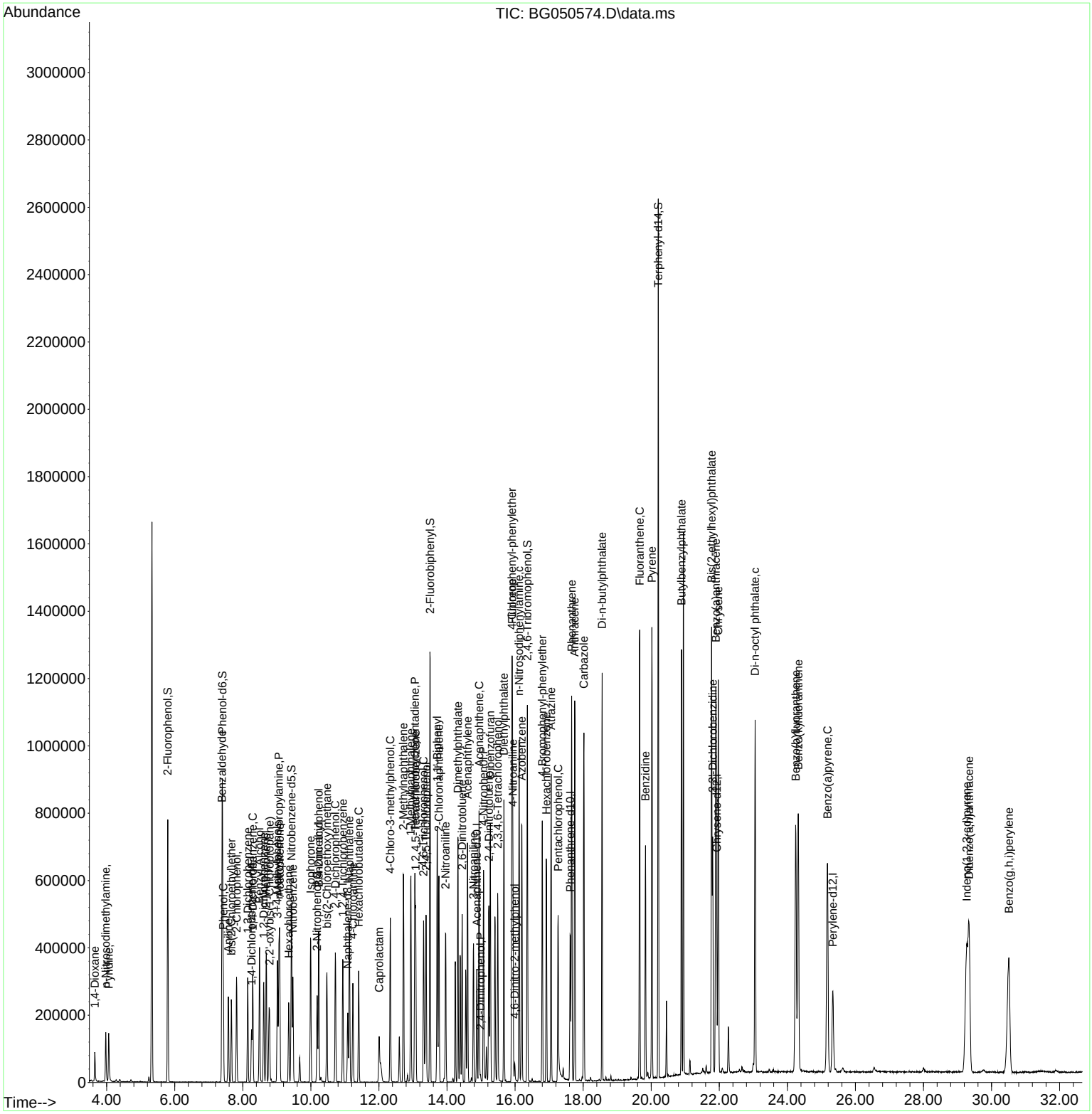
(#) = qualifier out of range (m) = manual integration (+) = signals summed

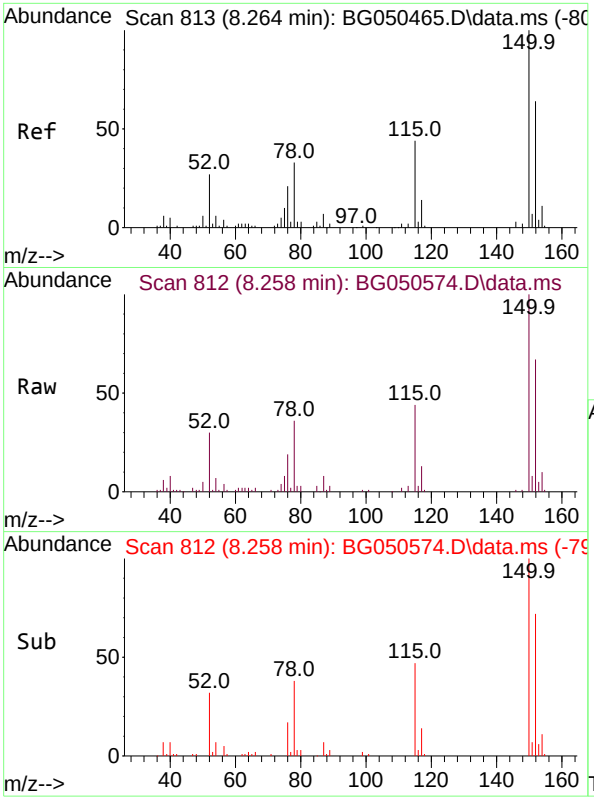
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050574.D
Acq On : 13 Oct 2021 17:30
Operator : CG/JU
Sample : M4047-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

Quant Time: Oct 14 03:04:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

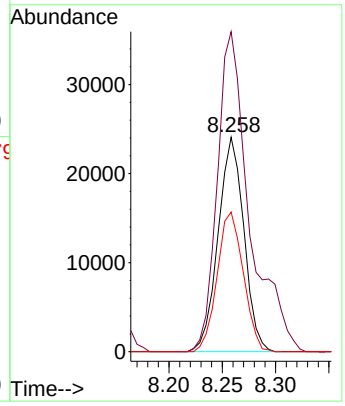




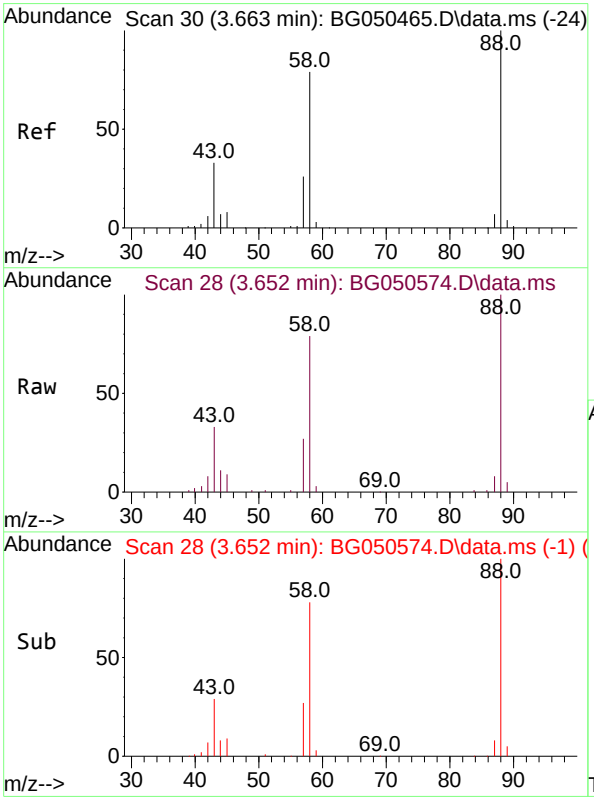

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:152 Resp: 40410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.3 | 119.4 | 179.0 |
| 115 | 65.1 | 60.2 | 90.4 |



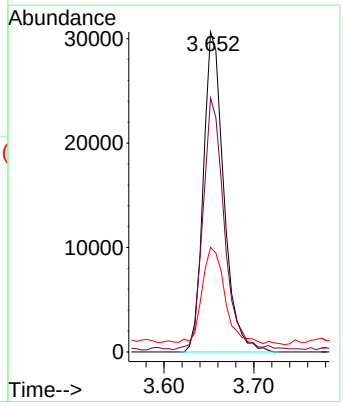

**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

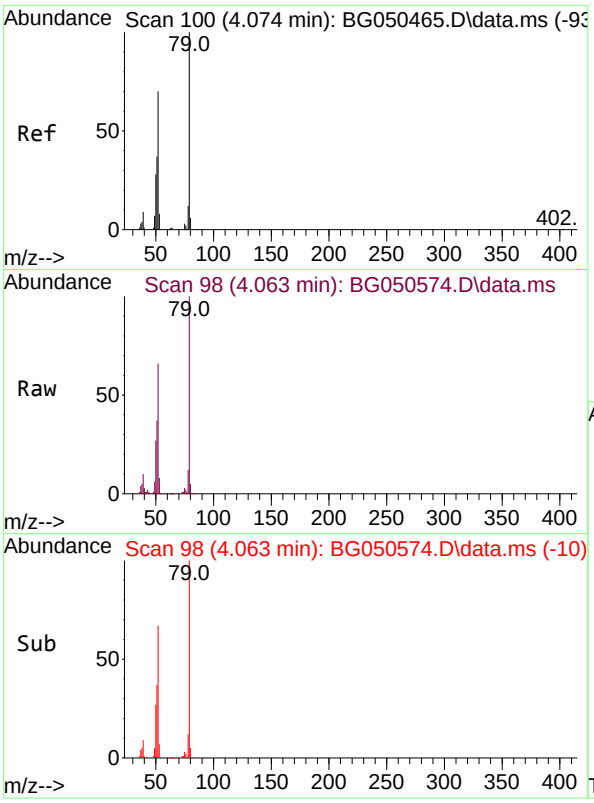



#2
1,4-Dioxane
Concen: 34.584 ng
RT: 3.652 min Scan# 28
Delta R.T. -0.011 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 88 Resp: 48398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.4 | 55.7 | 83.5 |
| 43 | 33.5 | 29.3 | 43.9 |

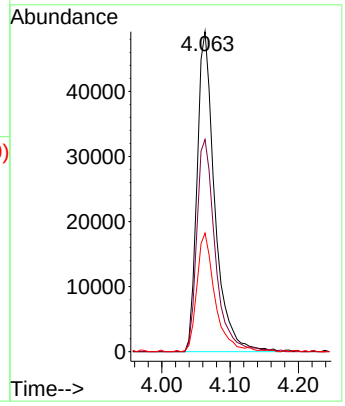




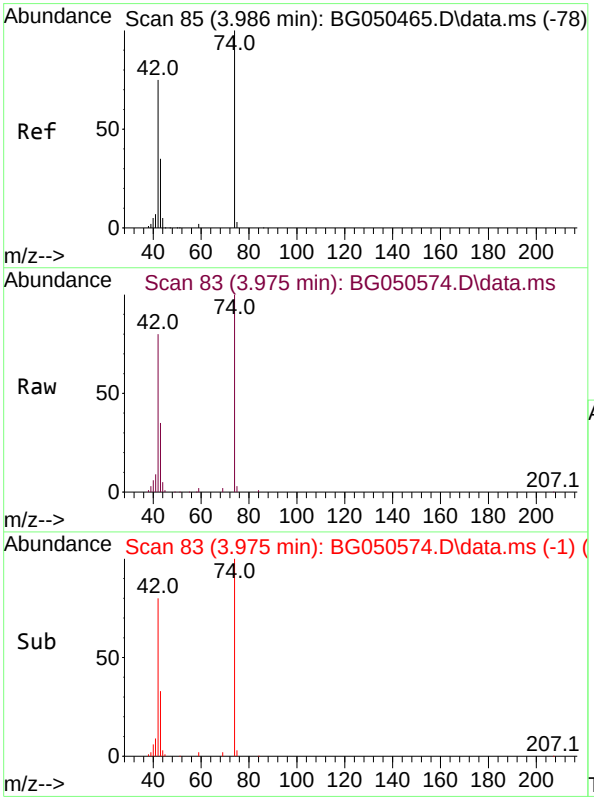

#3
Pyridine
Concen: 23.123 ng
RT: 4.063 min Scan# 98
Delta R.T. -0.011 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 79 Resp: 88397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 66.3 | 58.4 | 87.6 |
| 51 | 37.0 | 37.0 | 55.6# |



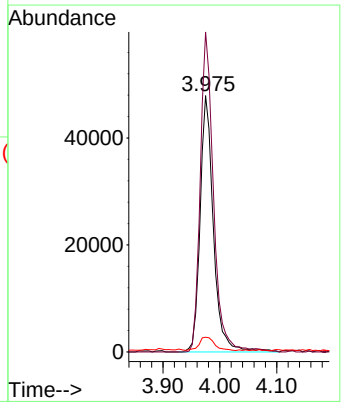

**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS



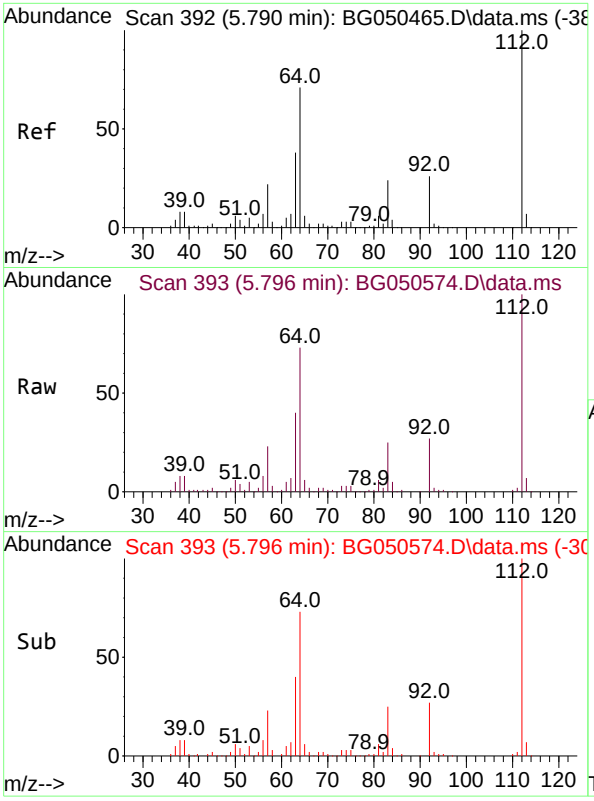

#4
n-Nitrosodimethylamine
Concen: 43.405 ng
RT: 3.975 min Scan# 83
Delta R.T. -0.011 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 42 Resp: 78198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 124.8 | 64.0 | 96.0# |
| 44 | 5.8 | 2.7 | 4.1# |



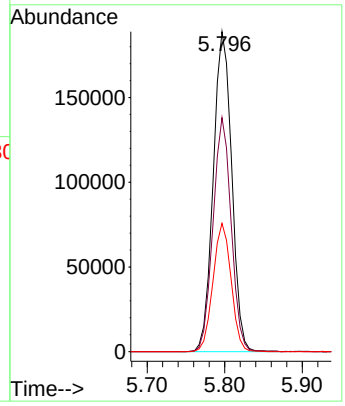
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

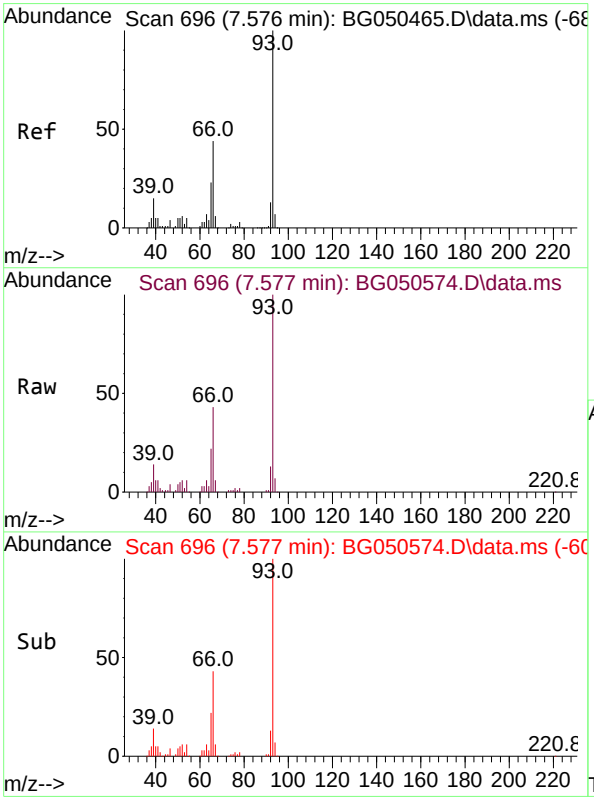



#5
2-Fluorophenol
Concen: 115.621 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:112 Resp: 312412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 73.1 | 46.7 | 70.1# |
| 63 | 40.1 | 35.3 | 52.9 |

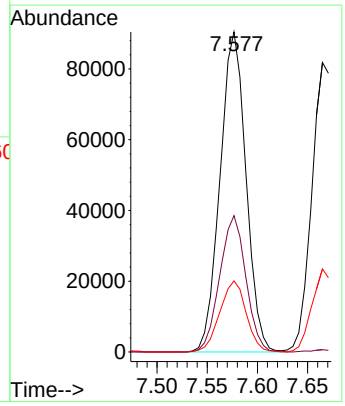


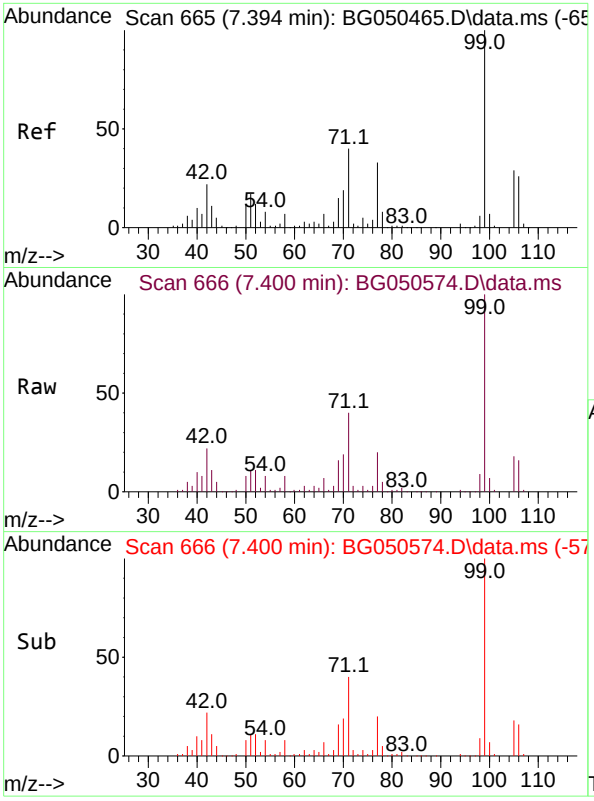

#6
Aniline
Concen: 35.756 ng
RT: 7.577 min Scan# 696
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 93 Resp: 162516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.6 | 30.6 | 45.8 |
| 65 | 22.2 | 15.0 | 22.4 |



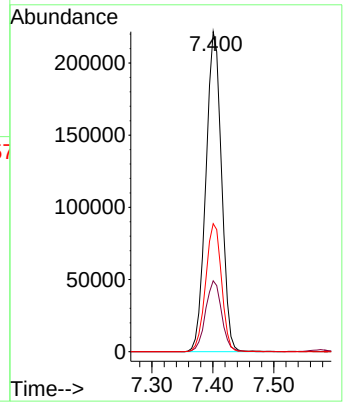
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

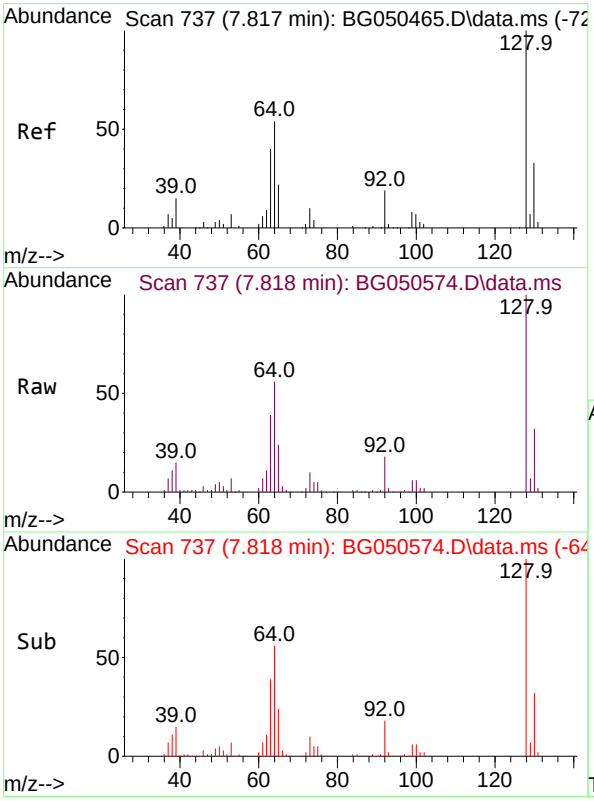



#7
Phenol-d6
Concen: 101.198 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 99 Resp: 395893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.2 | 20.5 | 30.7 |
| 71 | 40.0 | 41.5 | 62.3# |

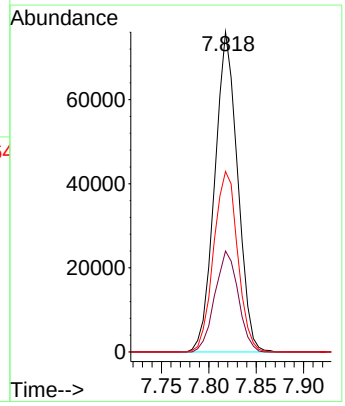


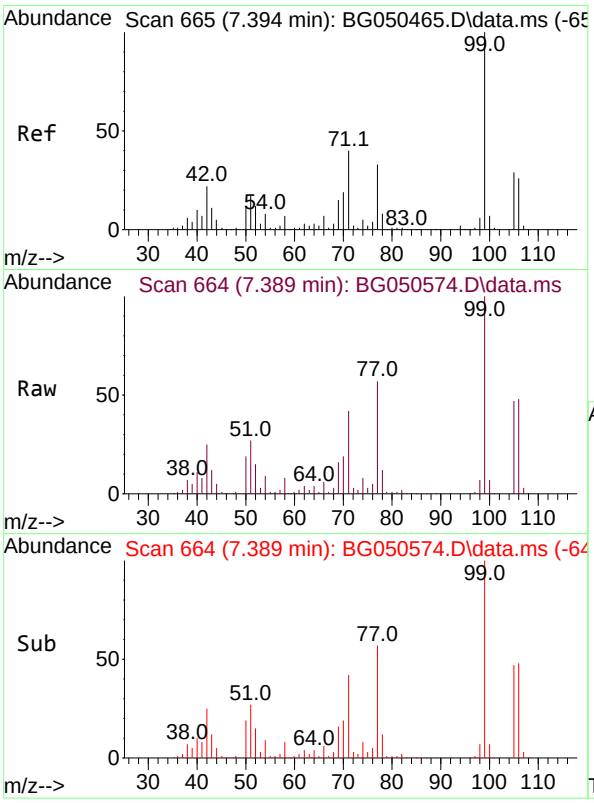




#8
2-Chlorophenol
Concen: 49.001 ng
RT: 7.818 min Scan# 737
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:128 Resp: 127479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.6 | 10.0 | 50.0 |
| 64 | 56.4 | 28.1 | 68.1 |

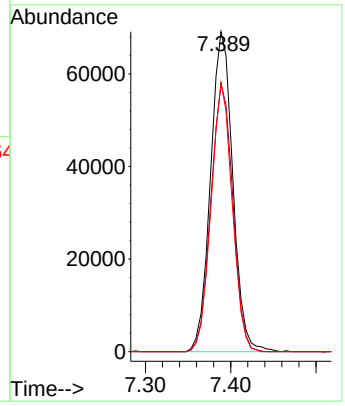




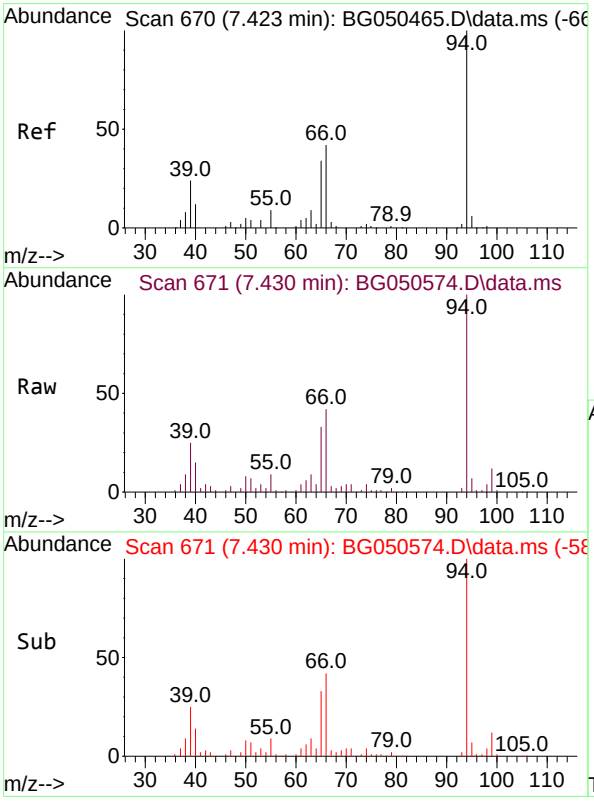

#9
Benzaldehyde
Concen: 52.217 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 77 Resp: 125054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 83.7 | 68.8 | 108.8 |
| 106 | 84.1 | 47.9 | 87.9 |



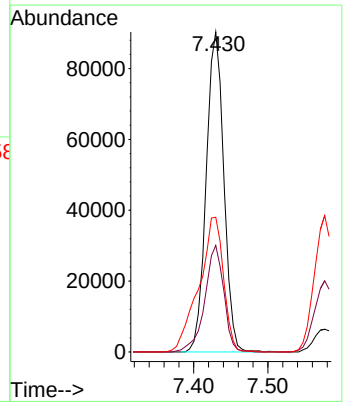

**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS



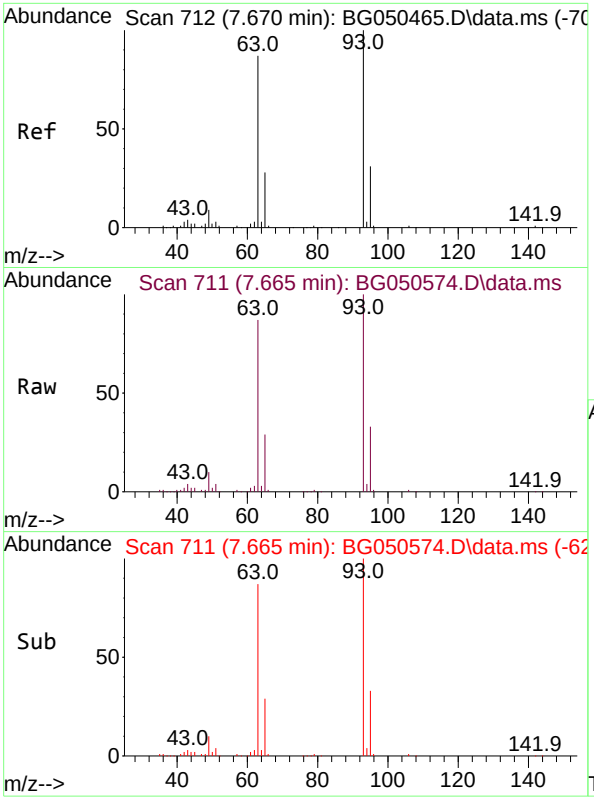

#10
Phenol
Concen: 39.189 ng
RT: 7.430 min Scan# 671
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 94 Resp: 149064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.3 | 12.9 | 52.9 |
| 66 | 42.1 | 39.4 | 79.4 |



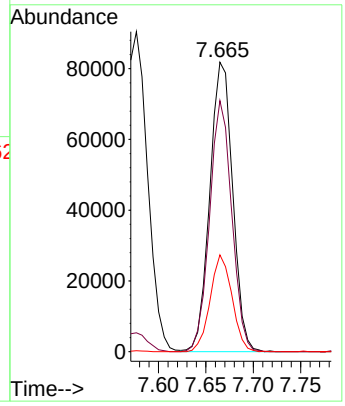
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

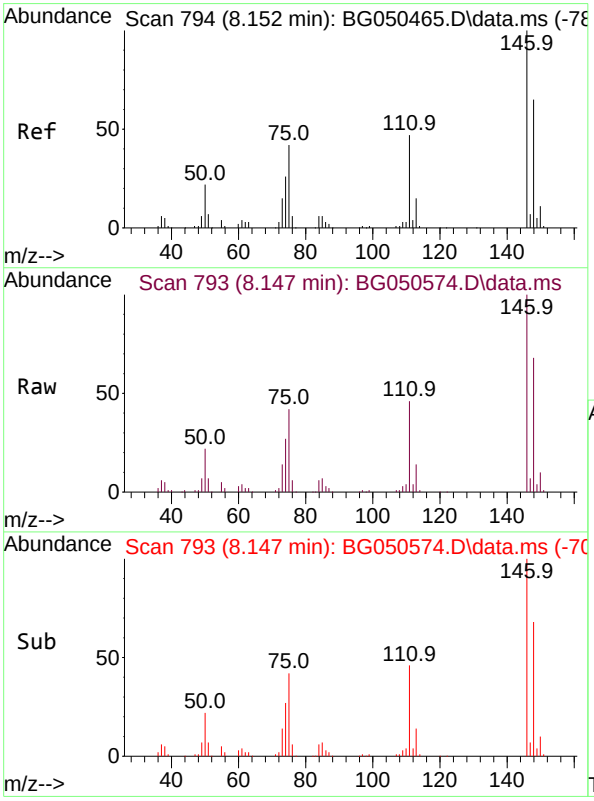



#11
bis(2-Chloroethyl)ether
Concen: 46.289 ng
RT: 7.665 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 93 Resp: 137424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 86.7 | 50.4 | 90.4 |
| 95 | 33.5 | 15.3 | 55.3 |

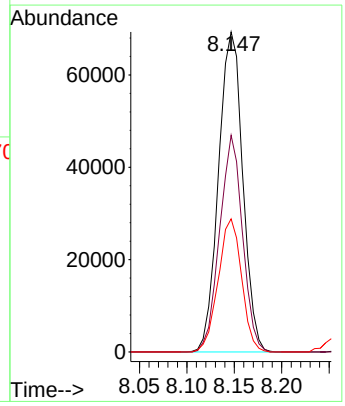


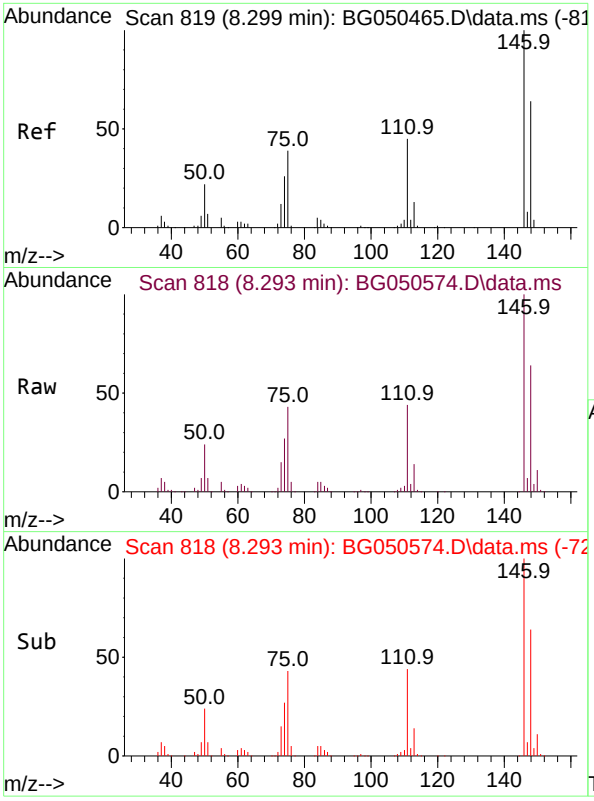

#12
1,3-Dichlorobenzene
Concen: 41.026 ng
RT: 8.147 min Scan# 793
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:146 Resp: 123207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.7 | 52.6 | 78.8 |
| 75 | 41.6 | 35.7 | 53.5 |



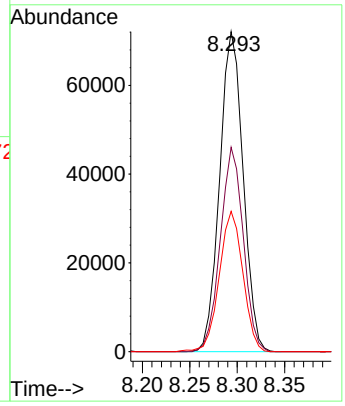
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

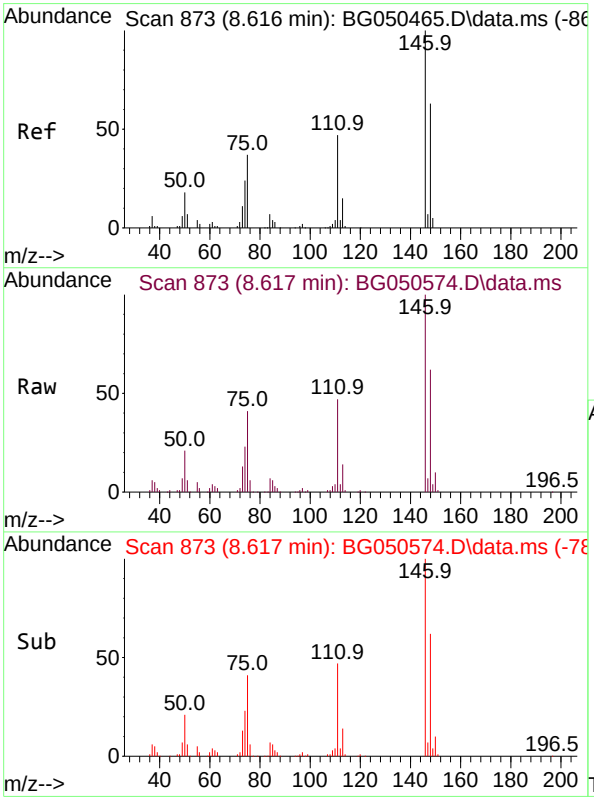



#13
1,4-Dichlorobenzene
Concen: 41.008 ng
RT: 8.293 min Scan# 818
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:146 Resp: 124157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 54.0 | 81.0 |
| 111 | 43.8 | 34.3 | 51.5 |

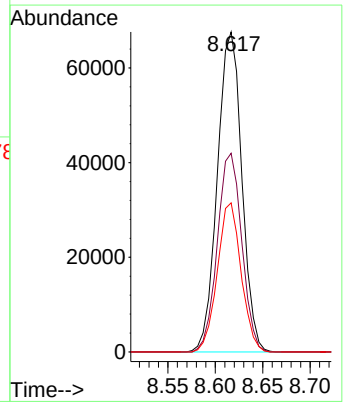


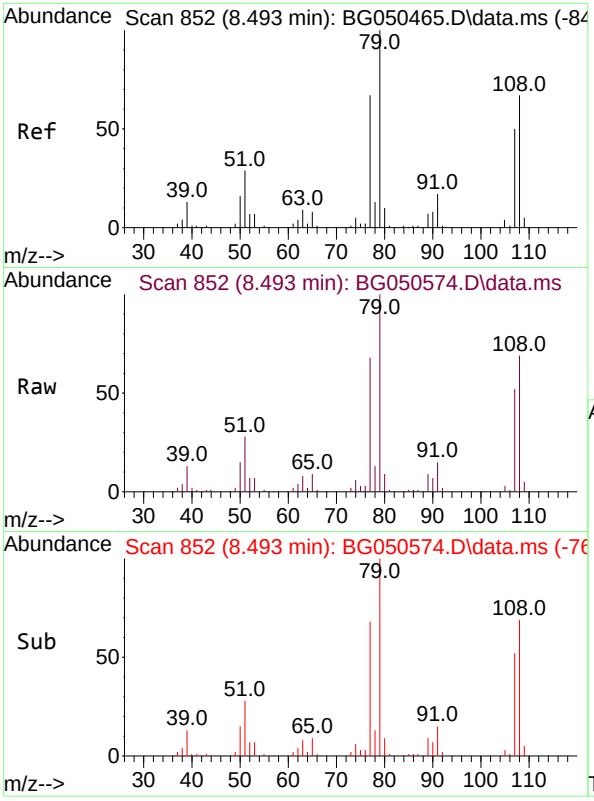

#14
1,2-Dichlorobenzene
Concen: 41.925 ng
RT: 8.617 min Scan# 873
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:146 Resp: 121243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.1 | 47.5 | 71.3 |
| 111 | 46.6 | 39.1 | 58.7 |



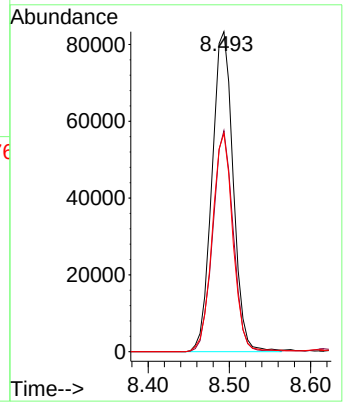
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

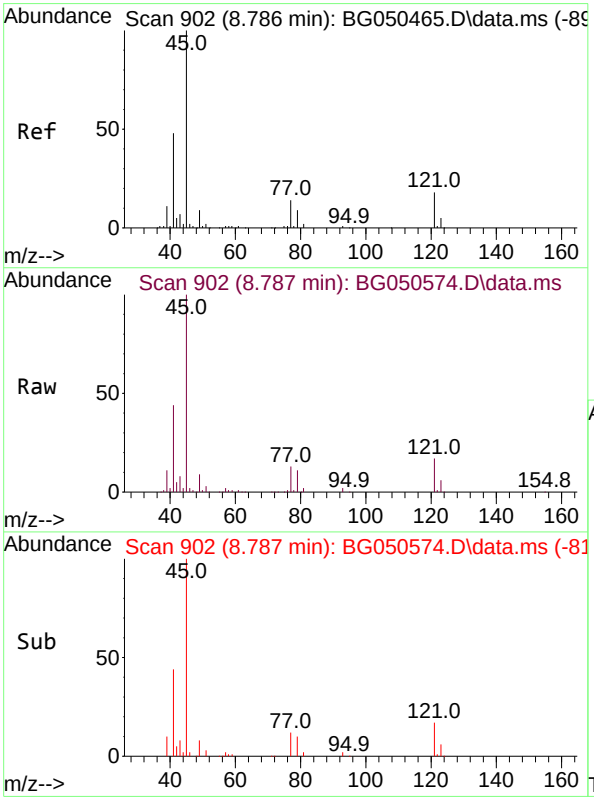



#15
Benzyl Alcohol
Concen: 48.785 ng
RT: 8.493 min Scan# 852
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 79 Resp: 150820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.1 | 48.2 | 72.4 |
| 77 | 68.2 | 57.3 | 85.9 |

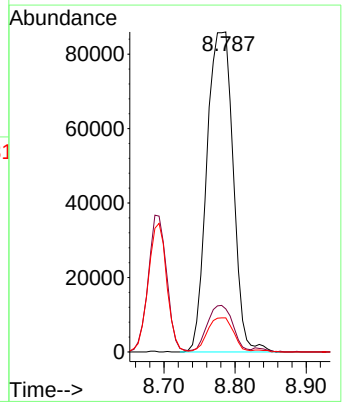


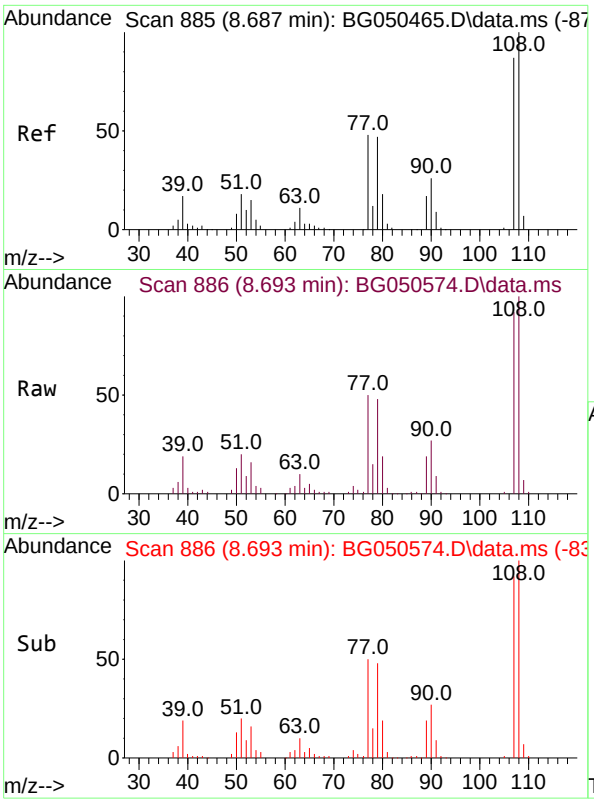

#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.554 ng
RT: 8.787 min Scan# 902
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 45 Resp: 220558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.4 | 2.2 | 42.2 |
| 79 | 10.6 | 0.0 | 34.3 |



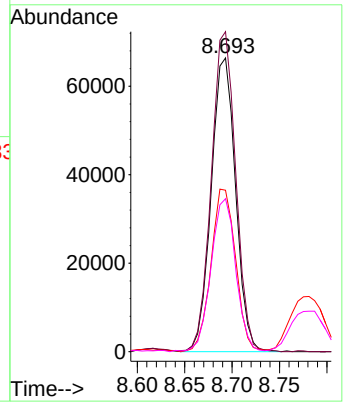
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

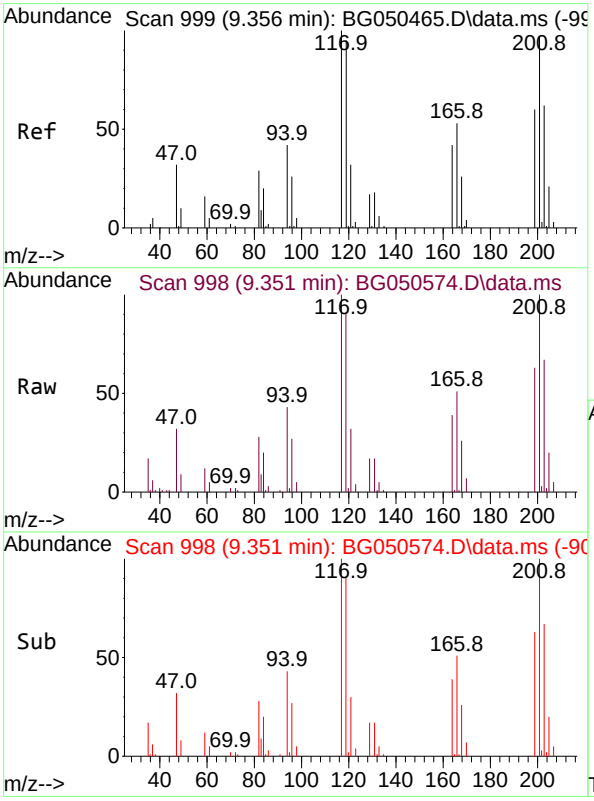



#17
2-Methylphenol
Concen: 47.431 ng
RT: 8.693 min Scan# 886
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:107 Resp: 118709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 108.9 | 84.6 | 127.0 |
| 77 | 54.9 | 50.7 | 76.1 |
| 79 | 52.0 | 49.4 | 74.0 |

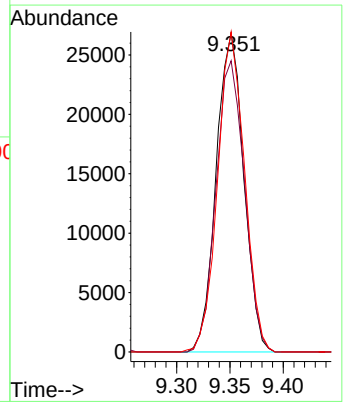


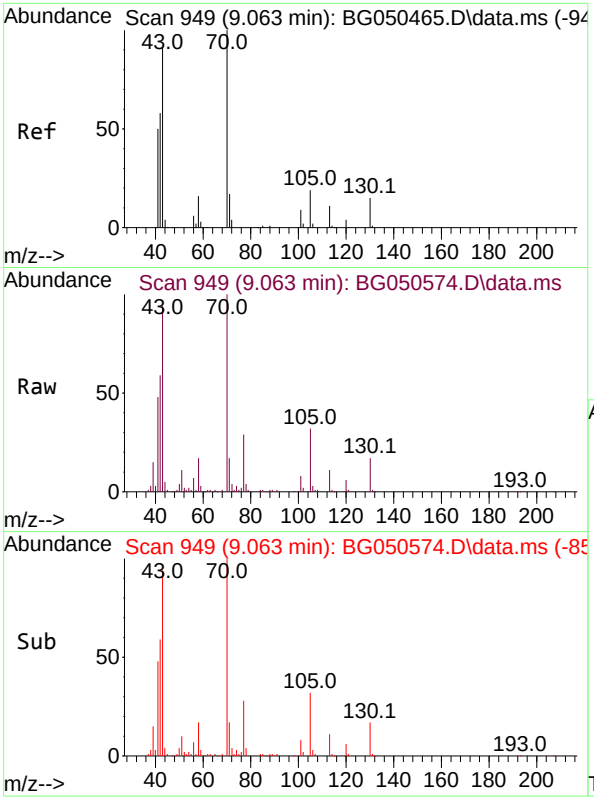

#18
Hexachloroethane
Concen: 42.107 ng
RT: 9.351 min Scan# 998
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:117 Resp: 48250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.4 | 74.4 | 111.6 |
| 201 | 103.1 | 88.6 | 133.0 |



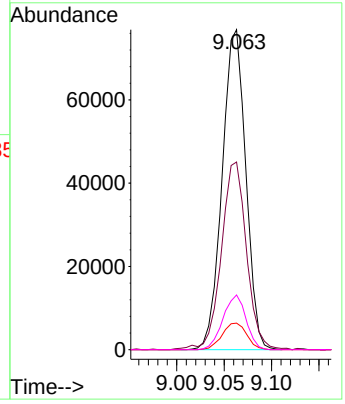
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

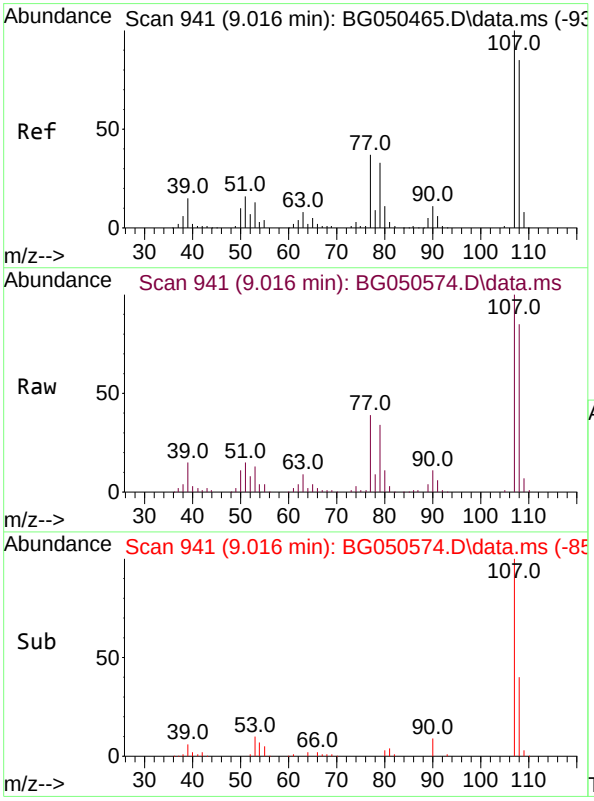



#19
n-Nitroso-di-n-propylamine
Concen: 46.792 ng
RT: 9.063 min Scan# 949
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 70 Resp: 133421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 58.6 | 54.5 | 81.7 |
| 101 | 8.3 | 9.0 | 13.6# |
| 130 | 17.1 | 17.0 | 25.6 |

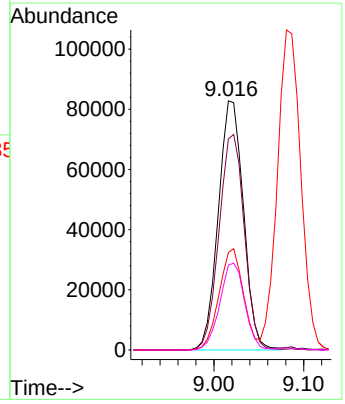


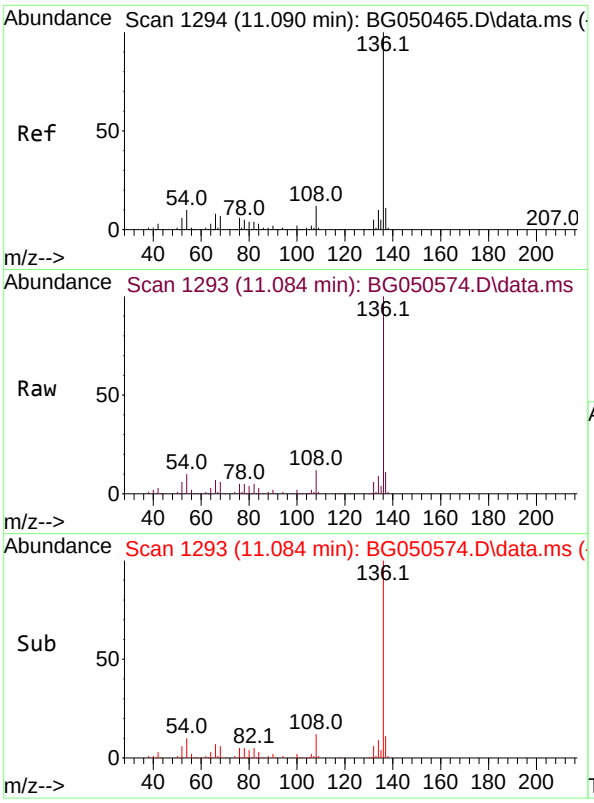

#20
3+4-Methylphenols
Concen: 45.756 ng
RT: 9.016 min Scan# 941
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:107 Resp: 161188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 84.7 | 69.3 | 109.3 |
| 77 | 39.1 | 25.2 | 65.2 |
| 79 | 34.0 | 15.1 | 55.1 |



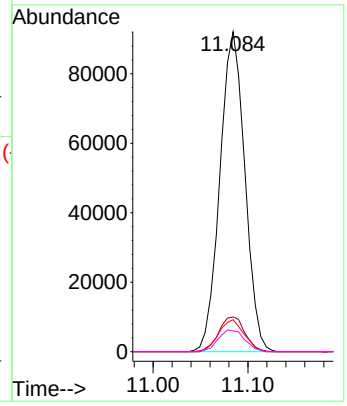
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

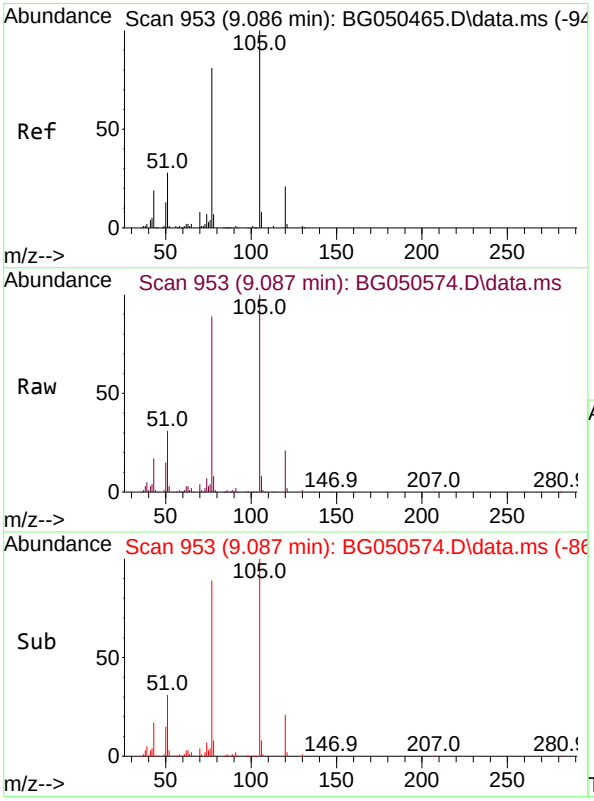



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:136 Resp: 168494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.2 | 12.2 |
| 54 | 10.0 | 5.5 | 8.3# |
| 68 | 6.5 | 2.3 | 3.5# |

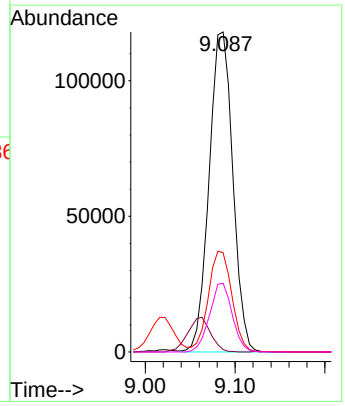


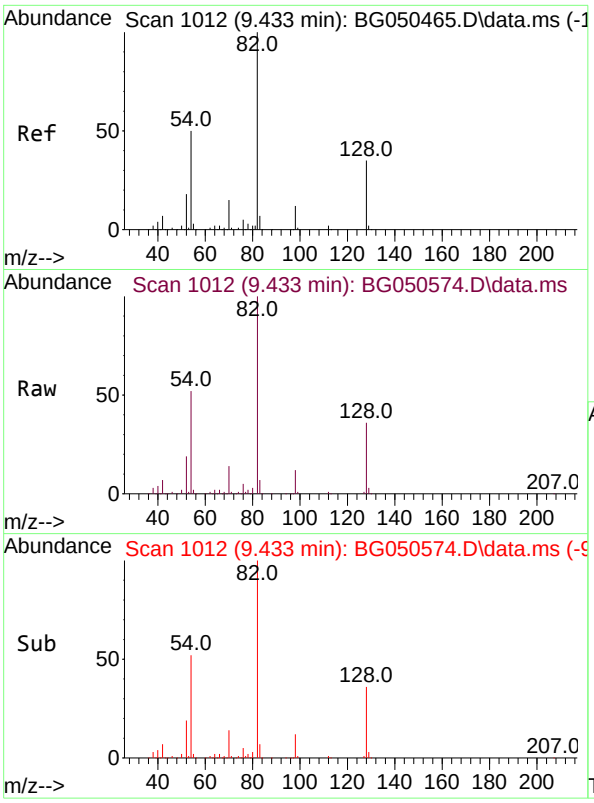

#22
Acetophenone
Concen: 45.124 ng
RT: 9.087 min Scan# 953
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:105 Resp: 216154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.8 | 0.6 | 0.8 |
| 51 | 31.0 | 26.6 | 40.0 |
| 120 | 21.4 | 16.2 | 24.4 |



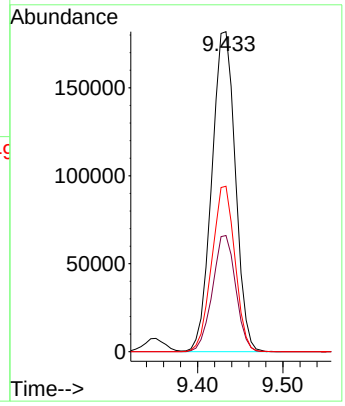
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

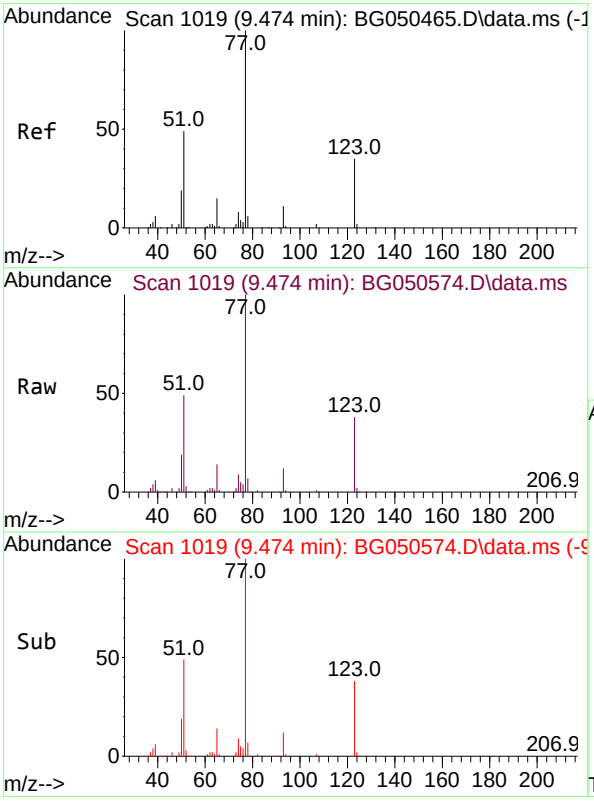



#23
Nitrobenzene-d5
Concen: 85.781 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 82 Resp: 349155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.3 | 29.8 | 44.6 |
| 54 | 51.7 | 45.8 | 68.8 |

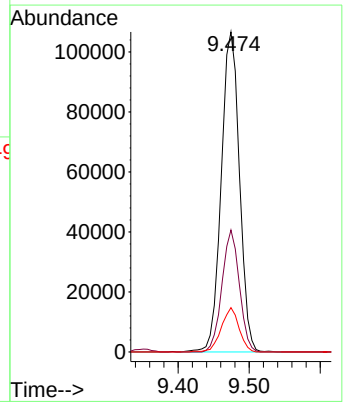


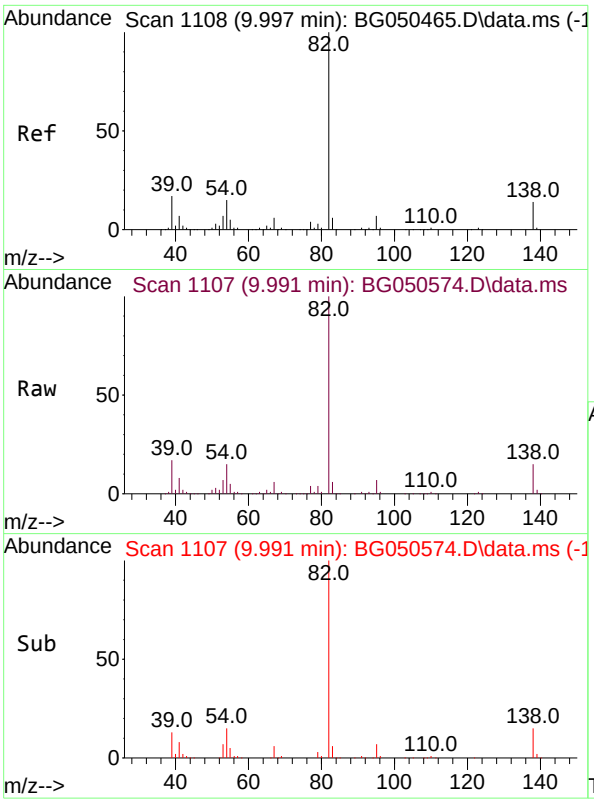




#24
Nitrobenzene
Concen: 46.818 ng
RT: 9.474 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 77 Resp: 189483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 38.1 | 27.5 | 41.3 |
| 65 | 13.8 | 12.6 | 18.8 |

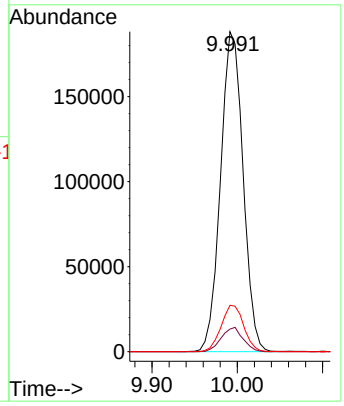


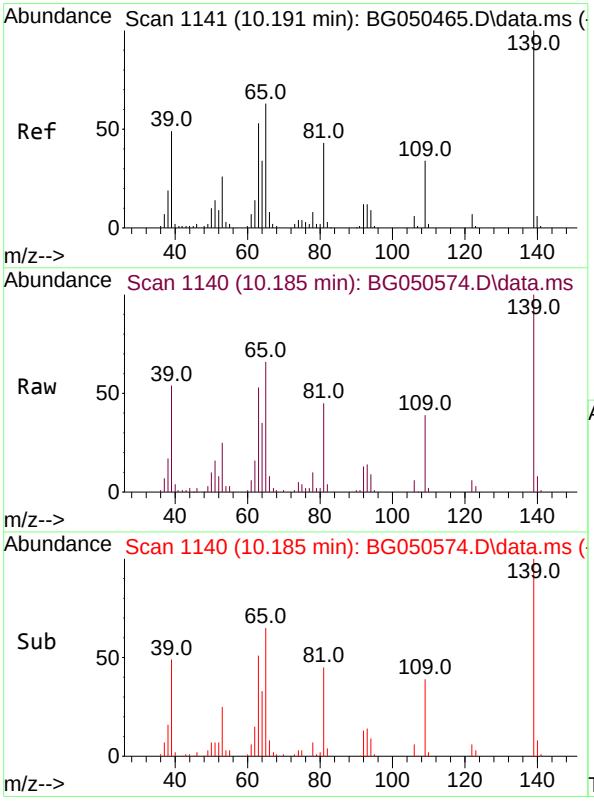



#25
Isophorone
Concen: 47.834 ng
RT: 9.991 min Scan# 1107
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 82 Resp: 345344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 8.5 | 12.7# |
| 138 | 14.5 | 11.8 | 17.6 |

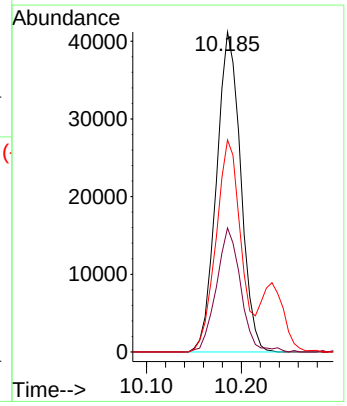



#26
2-Nitrophenol
Concen: 49.200 ng
RT: 10.185 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

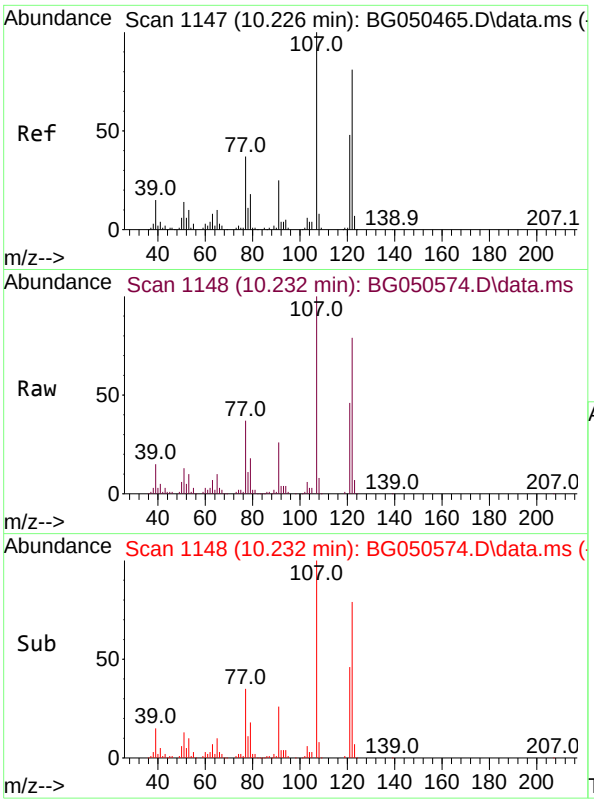
Tgt Ion:139 Resp: 73115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 38.8 | 37.8 | 56.6 |
| 65 | 66.3 | 51.8 | 77.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

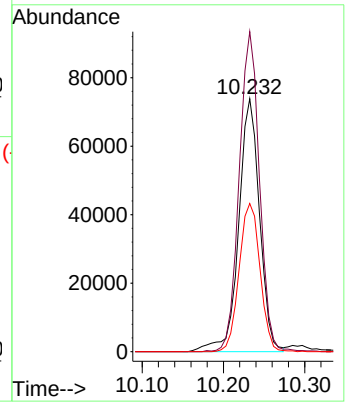
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

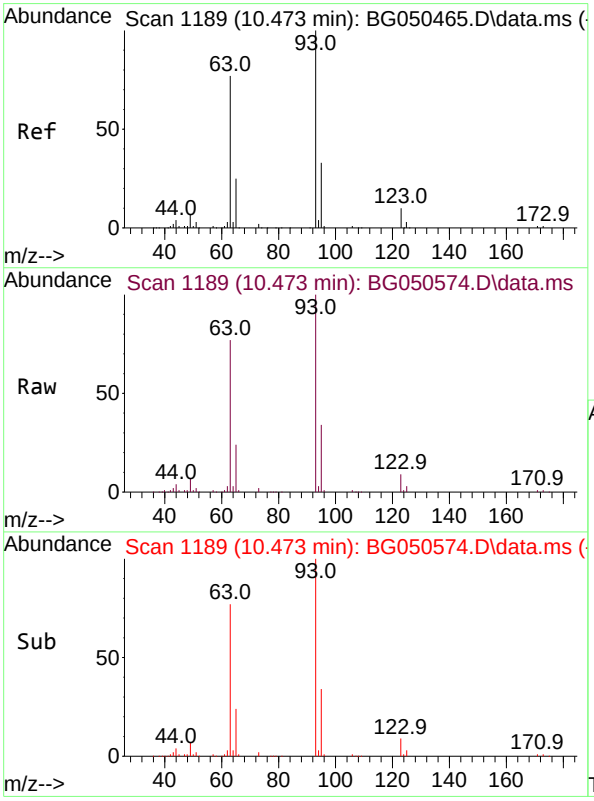



#27
2,4-Dimethylphenol
Concen: 51.254 ng
RT: 10.232 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:122 Resp: 131594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 126.5 | 110.1 | 165.1 |
| 121 | 58.6 | 49.0 | 73.6 |

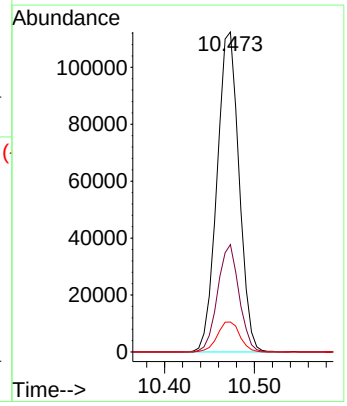


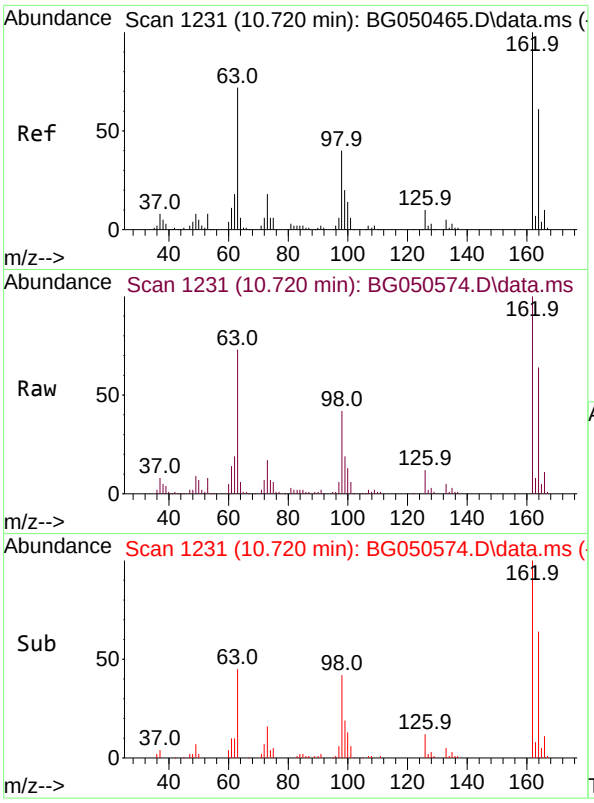

#28
bis(2-Chloroethoxy)methane
Concen: 46.350 ng
RT: 10.473 min Scan# 1189
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 93 Resp: 191333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.6 | 22.2 | 33.4# |
| 123 | 9.4 | 8.8 | 13.2 |



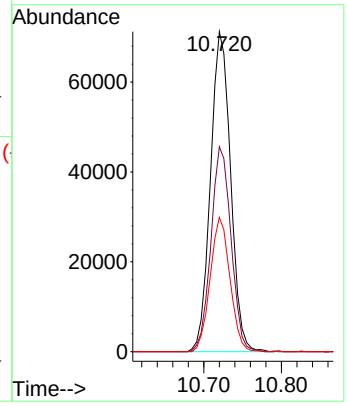
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

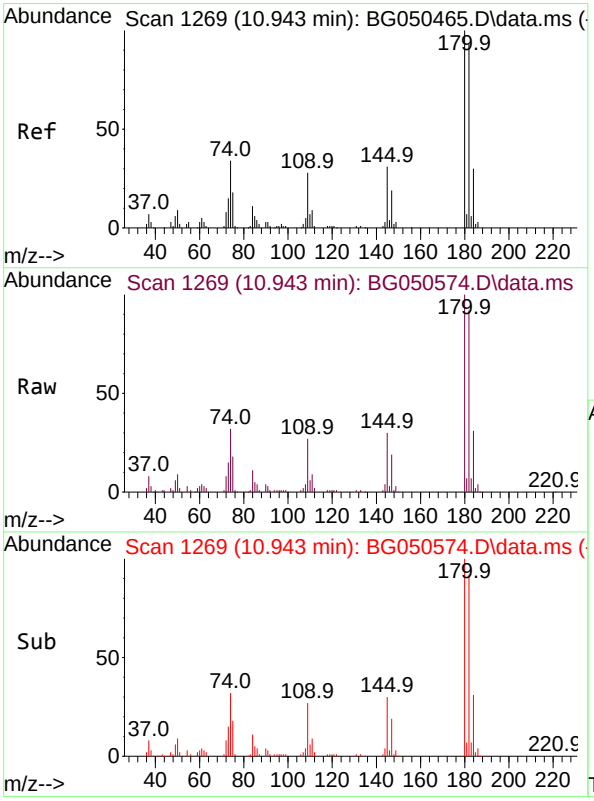



#29
2,4-Dichlorophenol
Concen: 49.113 ng
RT: 10.720 min Scan# 1231
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:162 Resp: 128524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.0 | 39.4 | 79.4 |
| 98 | 42.0 | 18.7 | 58.7 |

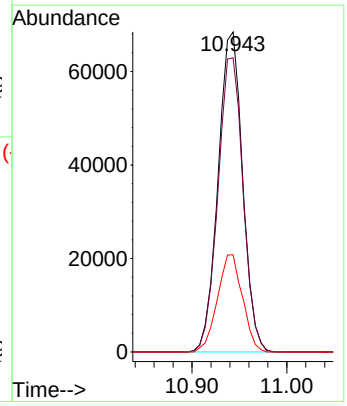


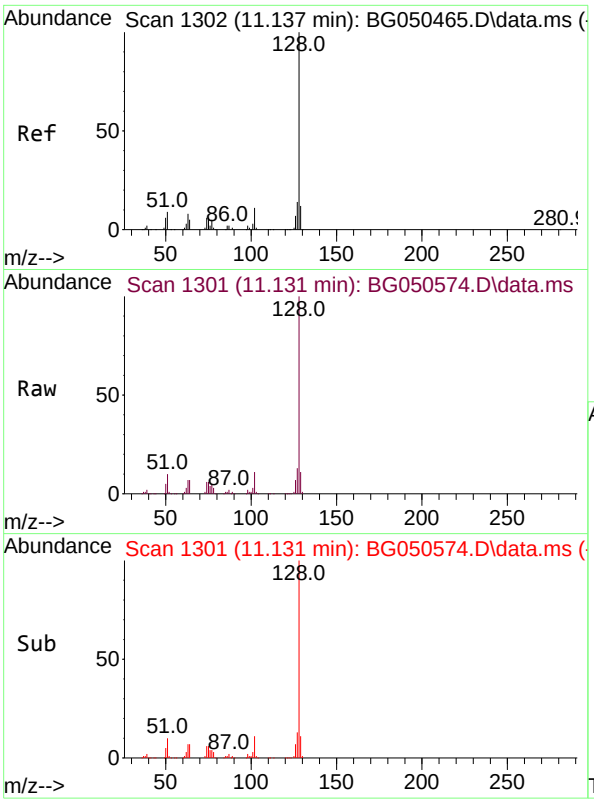

#30
1,2,4-Trichlorobenzene
Concen: 41.344 ng
RT: 10.943 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:180 Resp: 122900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.9 | 78.9 | 118.3 |
| 145 | 30.3 | 26.2 | 39.4 |



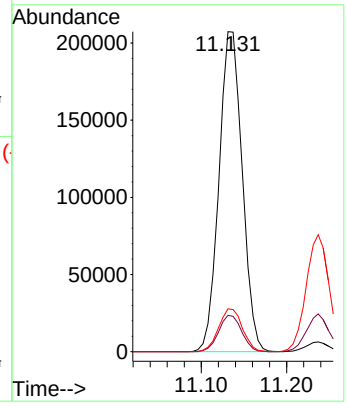
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

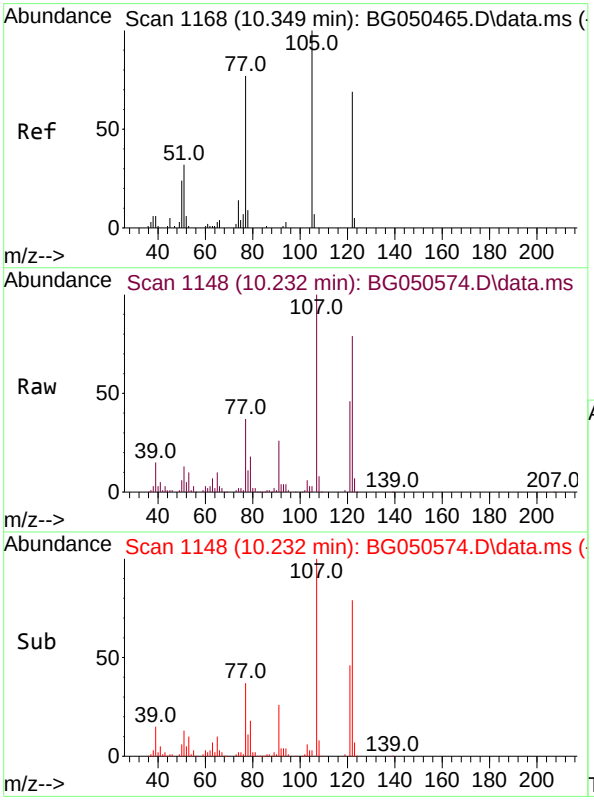



#31
Naphthalene
Concen: 43.637 ng
RT: 11.131 min Scan# 1301
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:128 Resp: 393563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 8.5 | 12.7 |
| 127 | 13.4 | 10.2 | 15.4 |

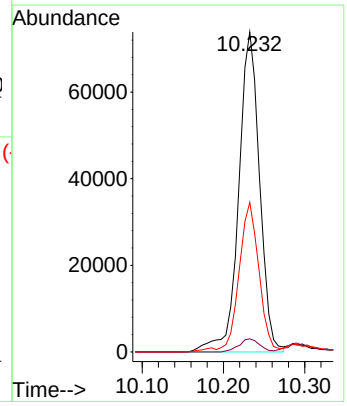


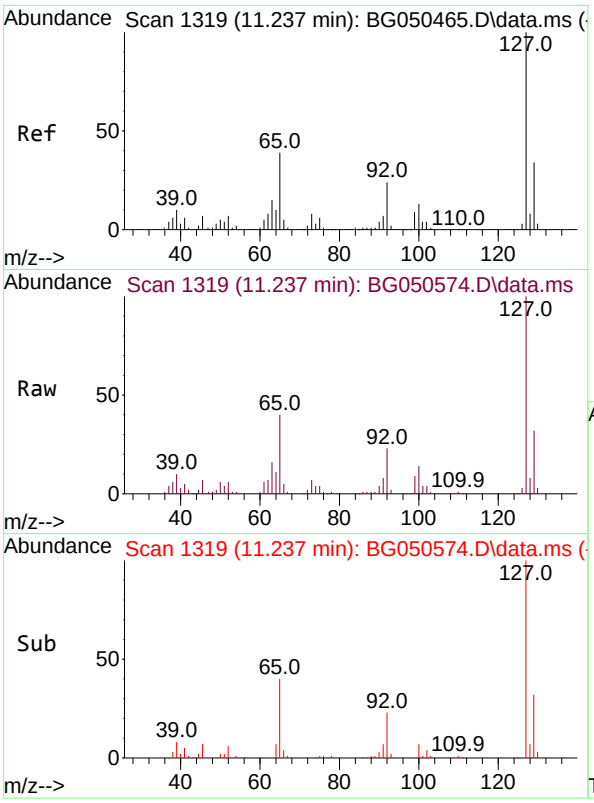

#32
Benzoic acid
Concen: 69.059 ng
RT: 10.232 min Scan# 1148
Delta R.T. -0.117 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:122 Resp: 131594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 4.1 | 92.3 | 132.3# |
| 77 | 46.8 | 66.5 | 106.5# |



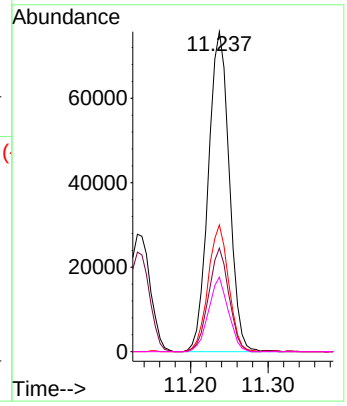
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

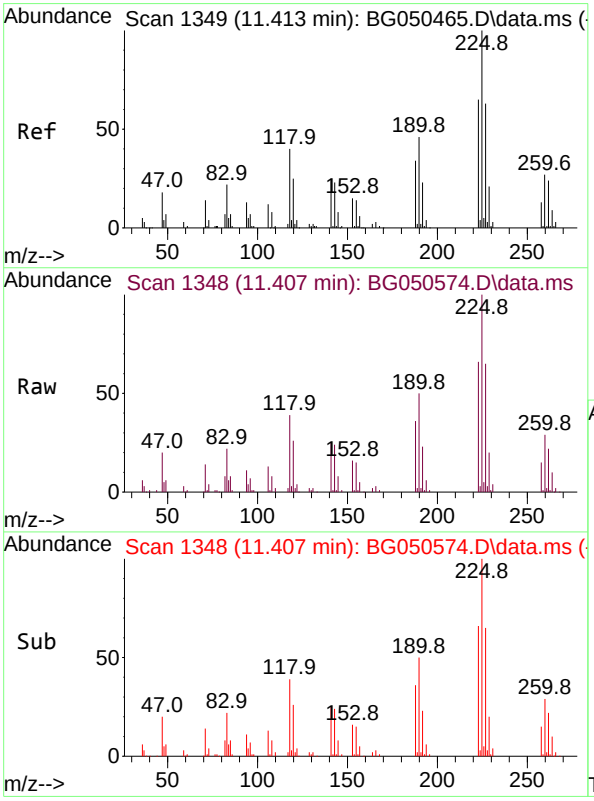



#33
4-Chloroaniline
Concen: 37.541 ng
RT: 11.237 min Scan# 1319
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:127 Resp: 142058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 26.7 | 40.1 |
| 65 | 39.6 | 32.8 | 49.2 |
| 92 | 23.3 | 16.2 | 24.4 |

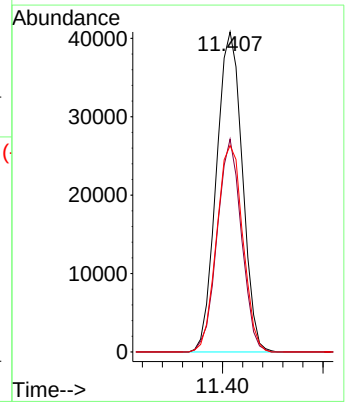


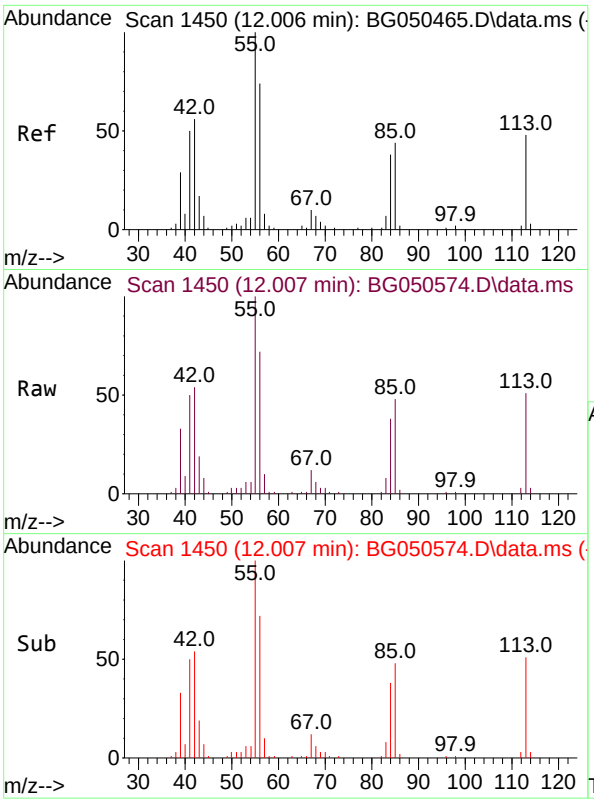

#34
Hexachlorobutadiene
Concen: 39.153 ng
RT: 11.407 min Scan# 1348
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:225 Resp: 73068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 66.5 | 49.8 | 74.8 |
| 227 | 64.5 | 46.4 | 69.6 |



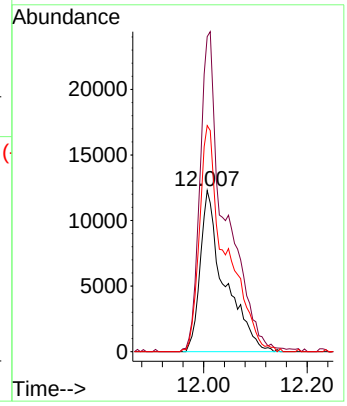
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

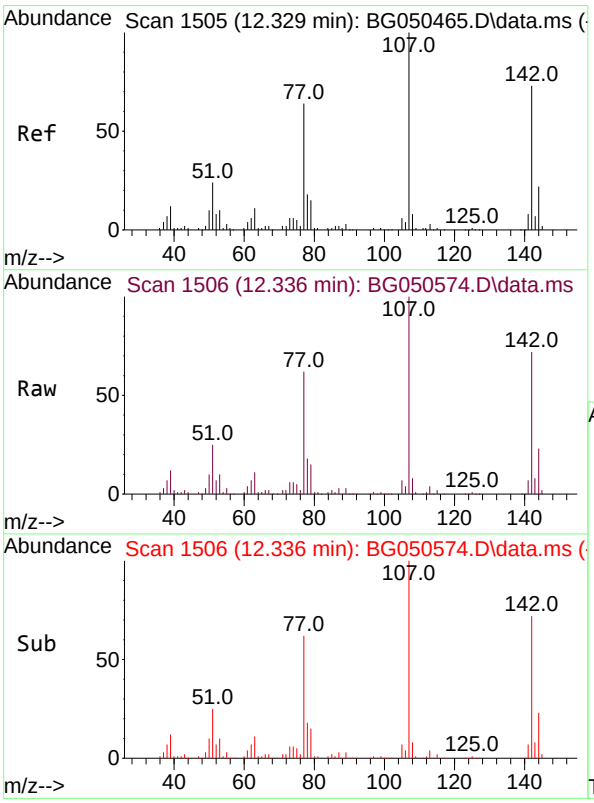



#35
Caprolactam
Concen: 39.917 ng
RT: 12.007 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:113 Resp: 39978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 195.5 | 113.8 | 153.8# |
| 56 | 140.3 | 105.6 | 145.6 |

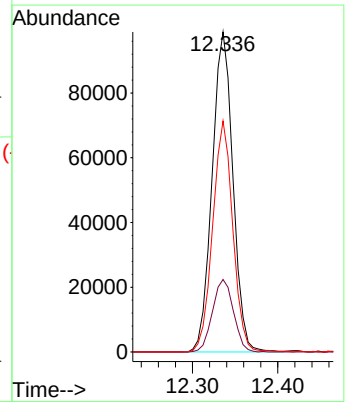


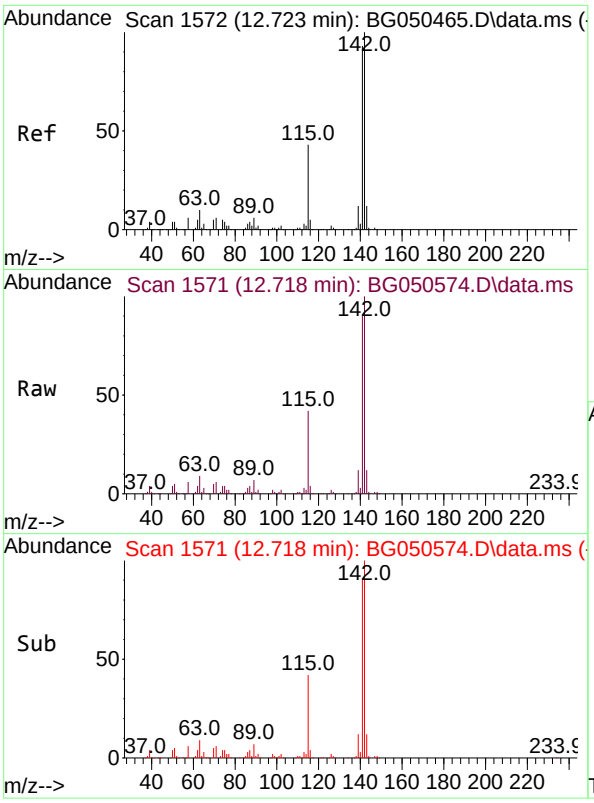

#36
4-Chloro-3-methylphenol
Concen: 51.198 ng
RT: 12.336 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:107 Resp: 167463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.7 | 24.8 | 37.2# |
| 142 | 72.2 | 62.2 | 93.4 |



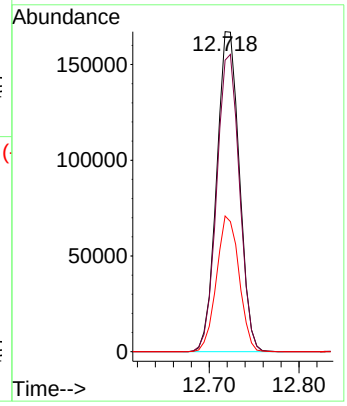
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

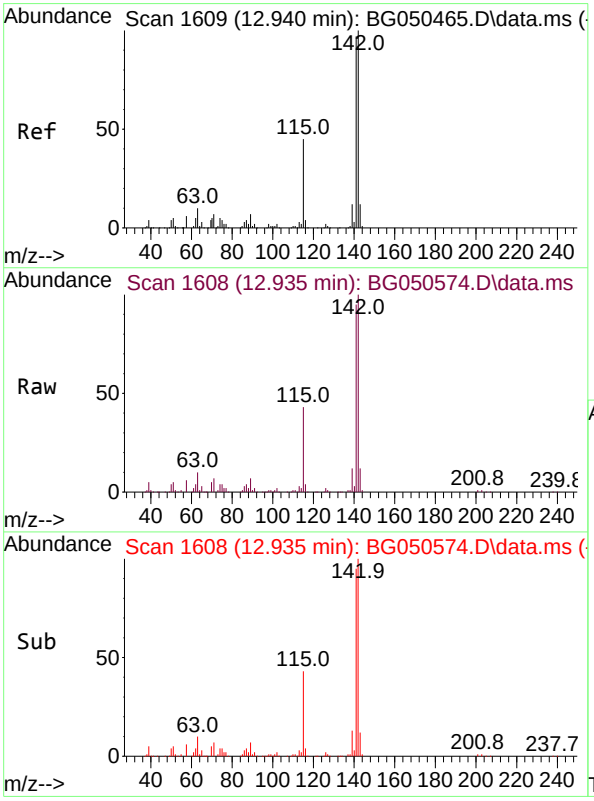



#37
2-Methylnaphthalene
Concen: 47.067 ng
RT: 12.718 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:142 Resp: 292895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.1 | 68.8 | 103.2 |
| 115 | 42.4 | 36.4 | 54.6 |

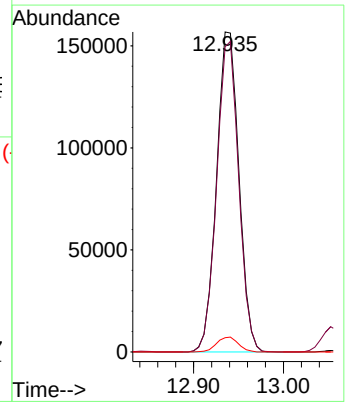


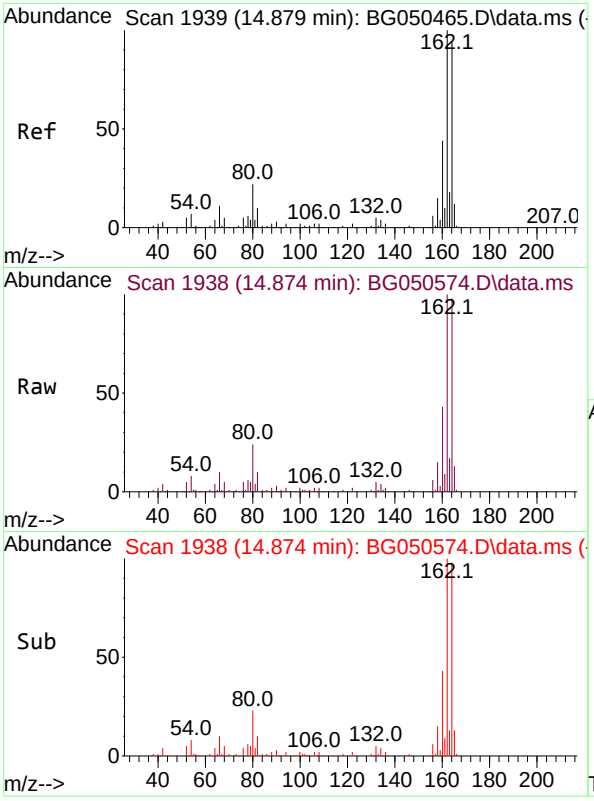

#38
1-Methylnaphthalene
Concen: 44.905 ng
RT: 12.935 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:142 Resp: 270972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.3 | 70.6 | 106.0 |
| 116 | 4.4 | 4.0 | 6.0 |



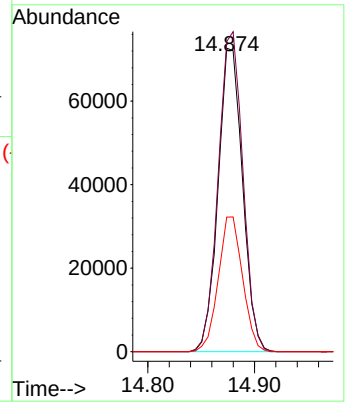
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

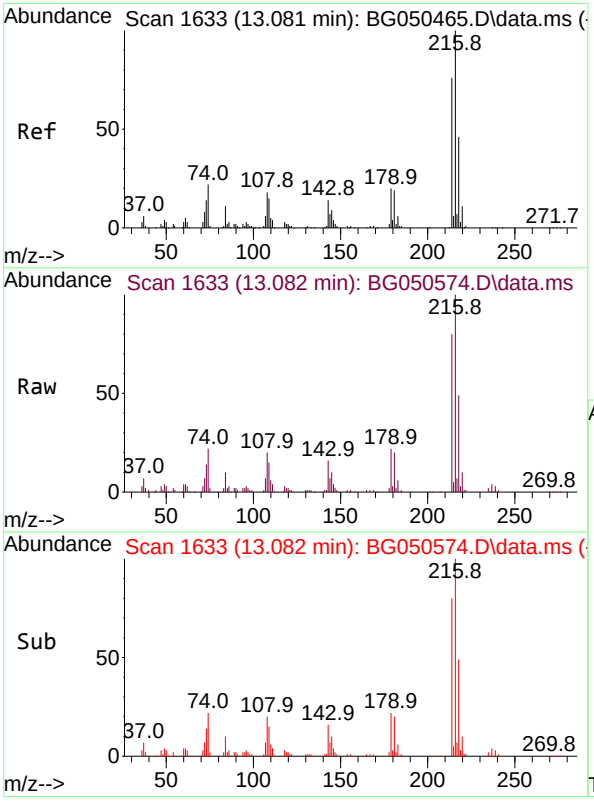



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:164 Resp: 116215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 81.4 | 122.0 |
| 160 | 44.4 | 34.9 | 52.3 |

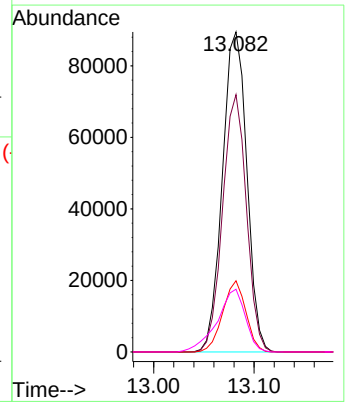


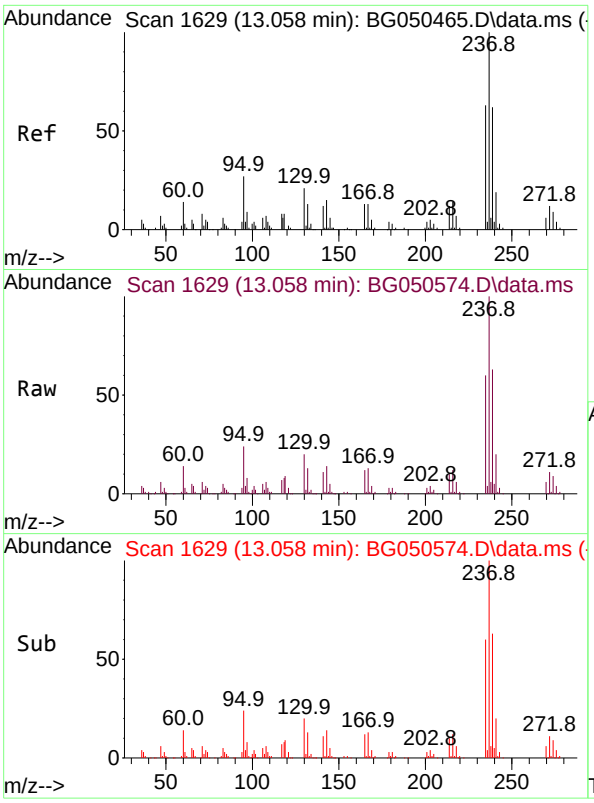

#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.013 ng
RT: 13.082 min Scan# 1633
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:216 Resp: 151047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 61.4 | 92.2 |
| 179 | 21.1 | 17.3 | 25.9 |
| 108 | 22.7 | 16.3 | 24.5 |



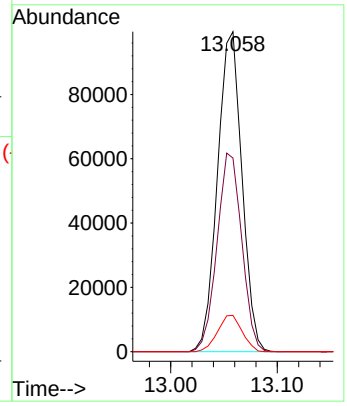
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

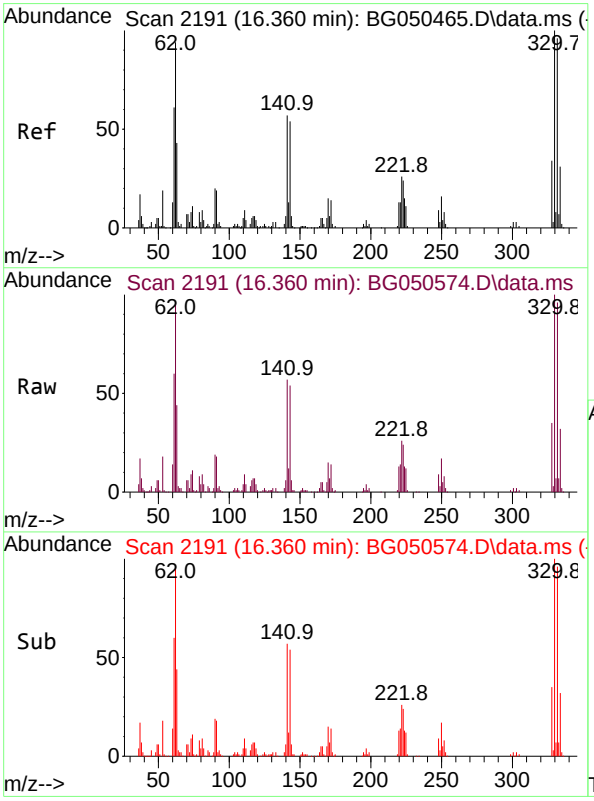



#41
Hexachlorocyclopentadiene
Concen: 79.925 ng
RT: 13.058 min Scan# 1629
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:237 Resp: 158524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.5 | 36.6 | 76.6 |
| 272 | 11.3 | 0.0 | 32.5 |

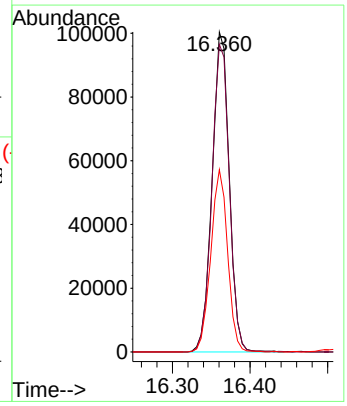


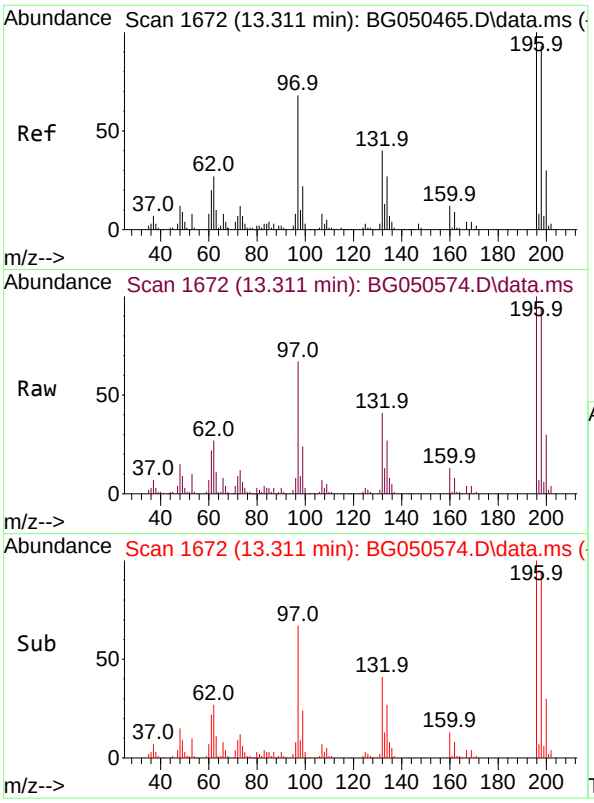

#42
2,4,6-Tribromophenol
Concen: 139.197 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:330 Resp: 154298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 77.3 | 115.9 |
| 141 | 56.0 | 35.6 | 53.4# |



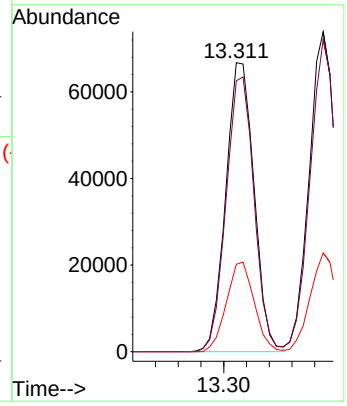
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

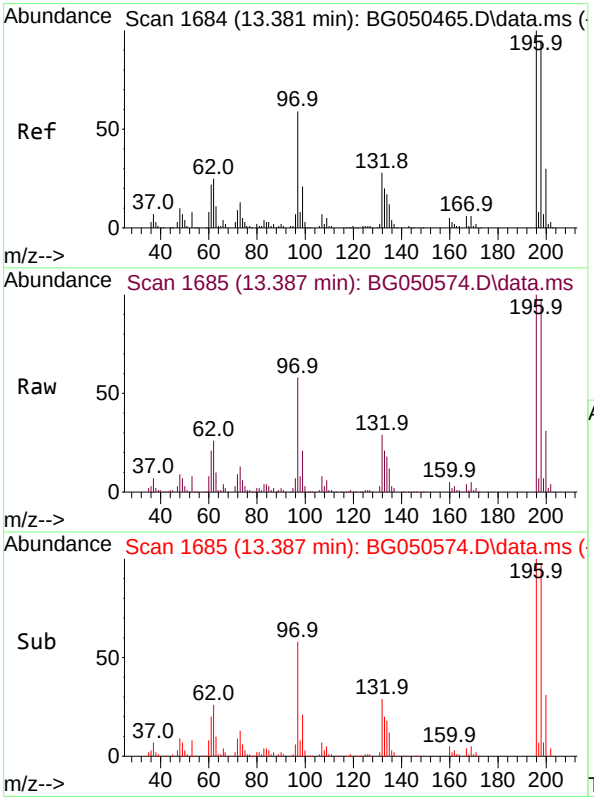



#43
2,4,6-Trichlorophenol
Concen: 47.737 ng
RT: 13.311 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:196 Resp: 115444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.7 | 82.1 | 123.1 |
| 200 | 30.3 | 23.8 | 35.8 |

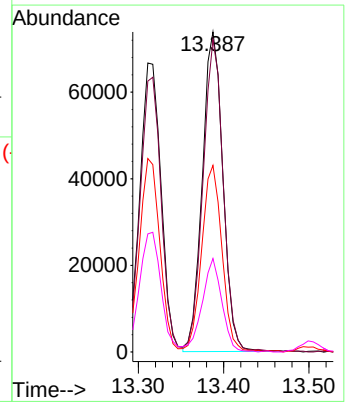


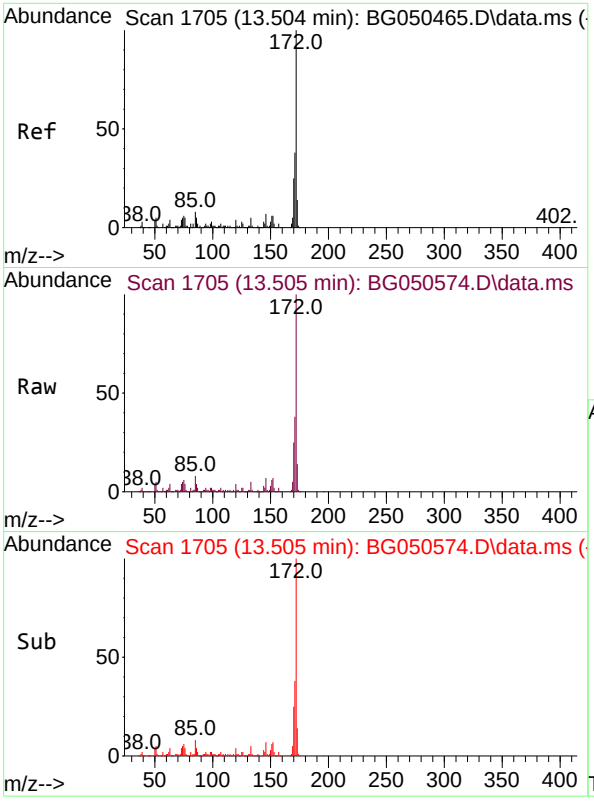

#44
2,4,5-Trichlorophenol
Concen: 48.759 ng
RT: 13.387 min Scan# 1685
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:196 Resp: 123282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.6 | 87.4 | 131.0 |
| 97 | 58.3 | 43.3 | 64.9 |
| 132 | 29.2 | 21.4 | 32.2 |



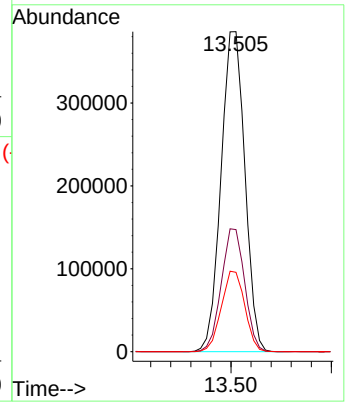
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

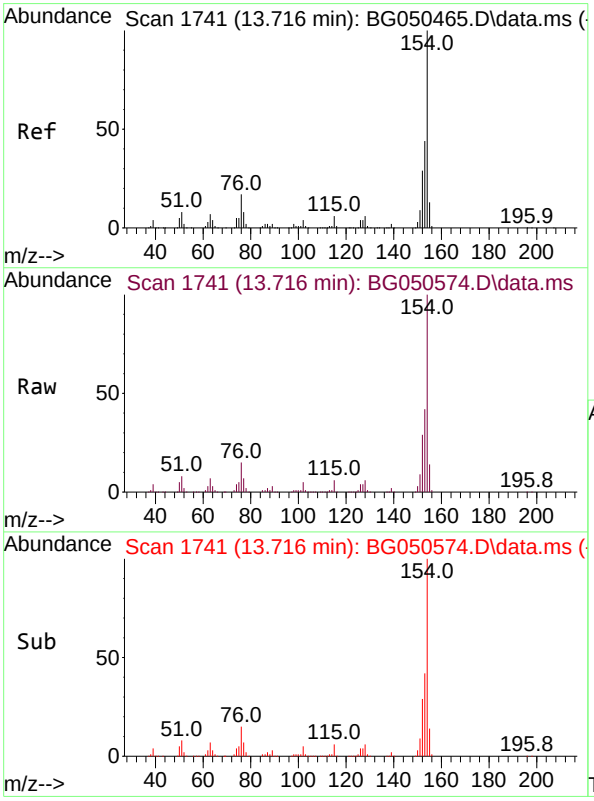



#45
2-Fluorobiphenyl
Concen: 82.361 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:172 Resp: 635972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.1 | 28.6 | 43.0 |
| 170 | 24.8 | 18.6 | 27.8 |

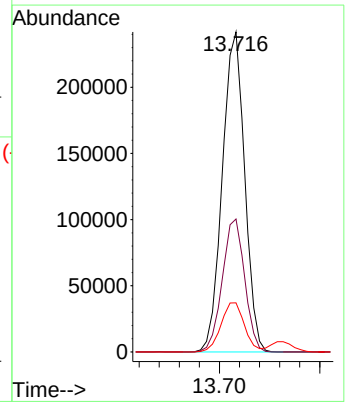


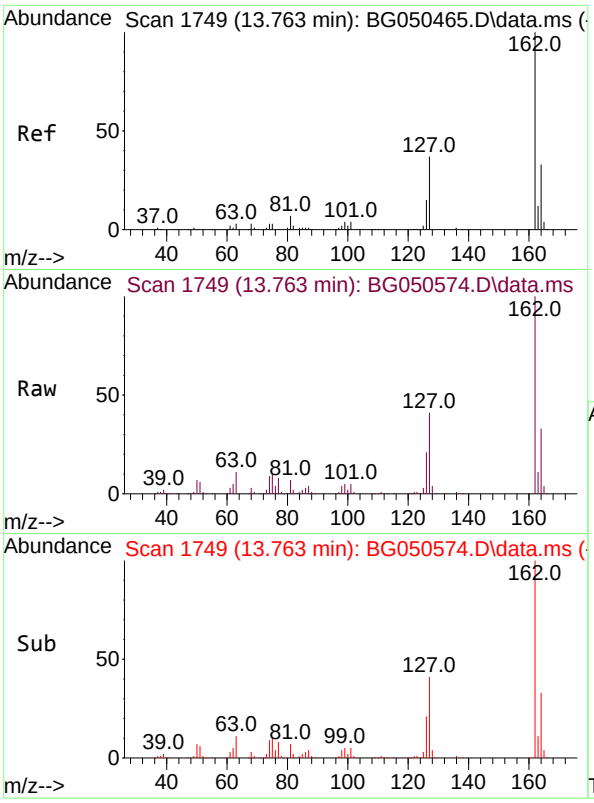

#46
1,1'-Biphenyl
Concen: 43.956 ng
RT: 13.716 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:154 Resp: 372603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.6 | 20.5 | 60.5 |
| 76 | 15.3 | 0.0 | 29.3 |



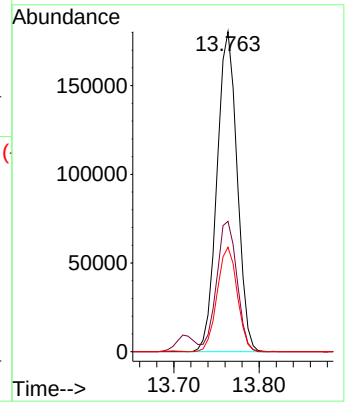
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

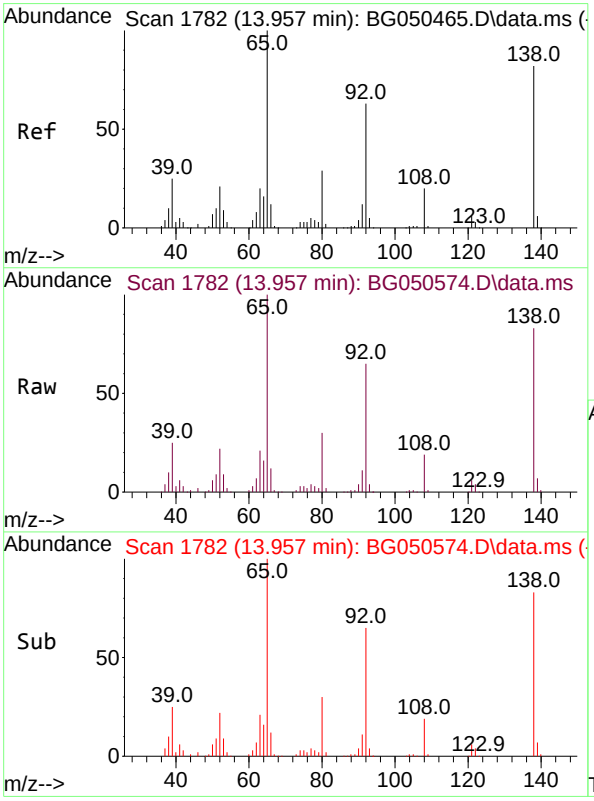



#47
2-Chloronaphthalene
Concen: 45.493 ng
RT: 13.763 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:162 Resp: 296110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.8 | 32.7 | 49.1 |
| 164 | 32.7 | 27.0 | 40.4 |

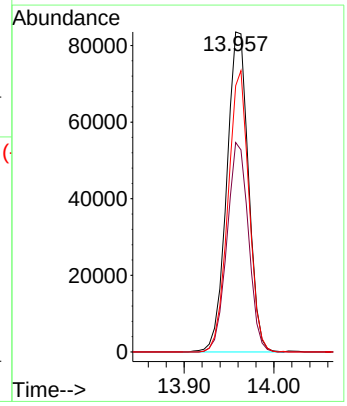


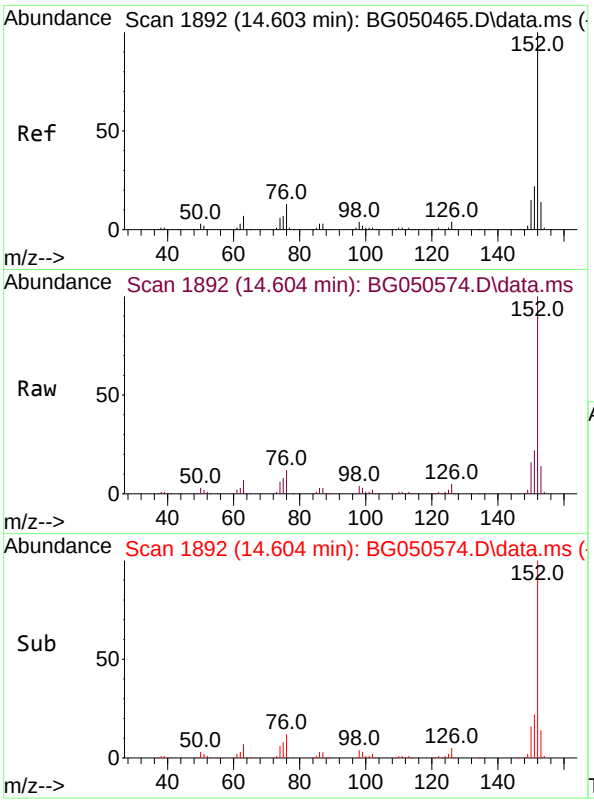

#48
2-Nitroaniline
Concen: 54.159 ng
RT: 13.957 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 65 Resp: 140232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.5 | 47.2 | 70.8 |
| 138 | 83.2 | 68.0 | 102.0 |



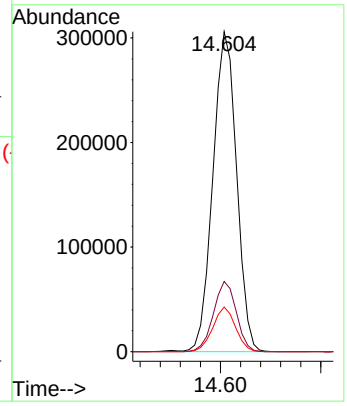
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

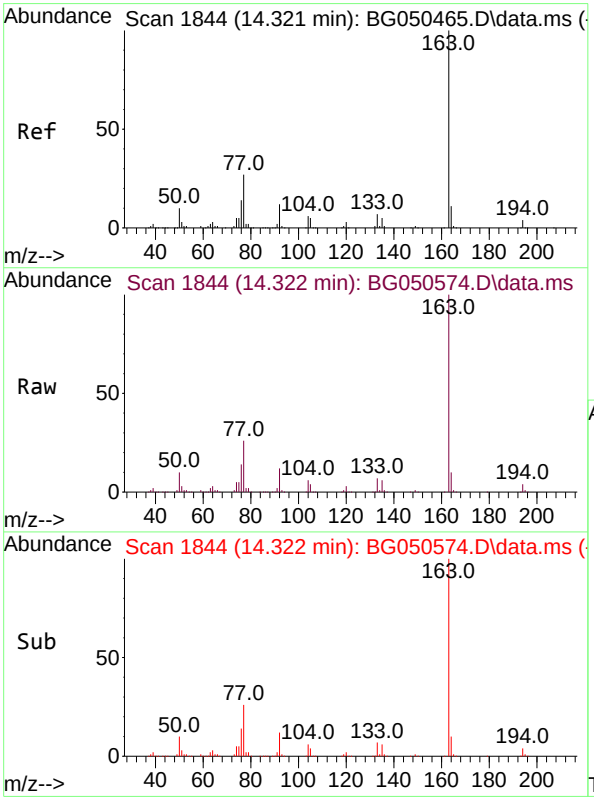



#49
Acenaphthylene
Concen: 46.918 ng
RT: 14.604 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:152 Resp: 500378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.0 | 18.2 | 27.4 |
| 153 | 14.0 | 11.7 | 17.5 |

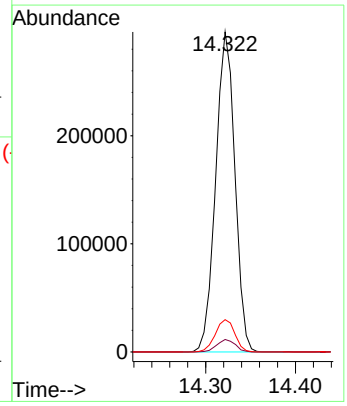


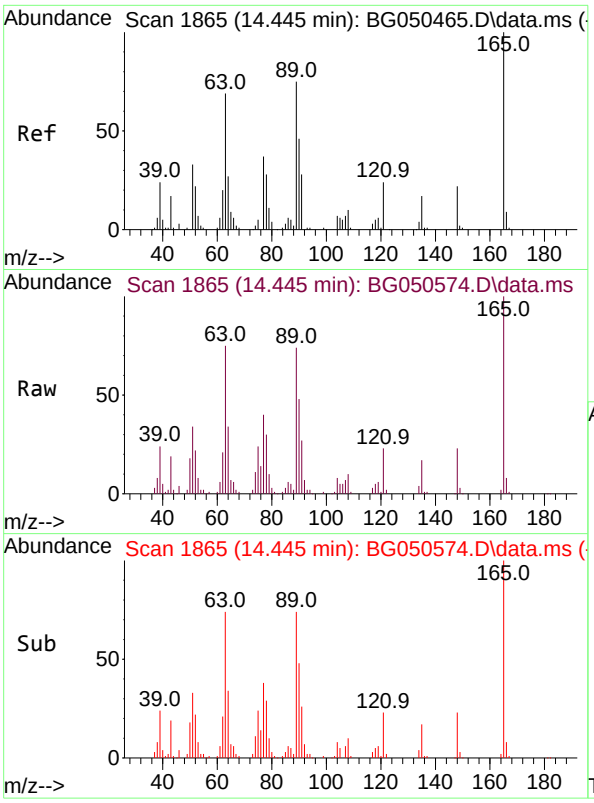

#50
Dimethylphthalate
Concen: 50.081 ng
RT: 14.322 min Scan# 1844
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:163 Resp: 439928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.0 | 4.6 |
| 164 | 10.1 | 8.6 | 12.8 |



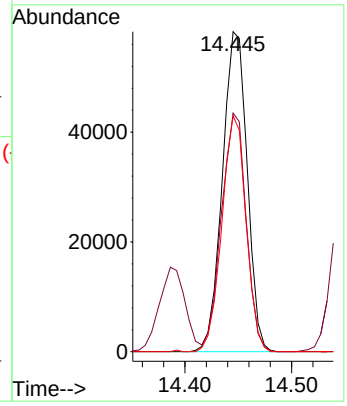
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

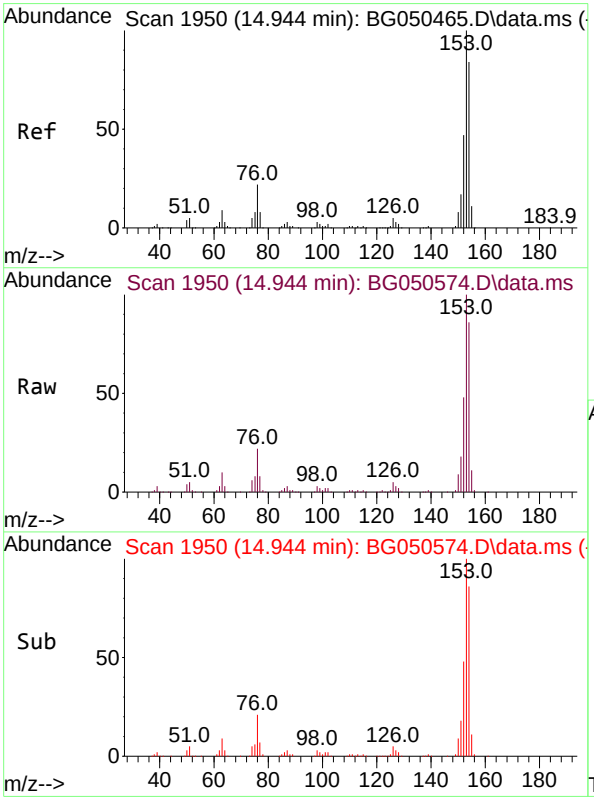



#51
2,6-Dinitrotoluene
Concen: 53.466 ng
RT: 14.445 min Scan# 1865
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:165 Resp: 94071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 74.6 | 63.3 | 94.9 |
| 89 | 73.7 | 63.4 | 95.0 |

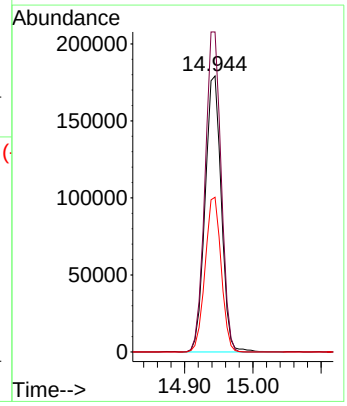


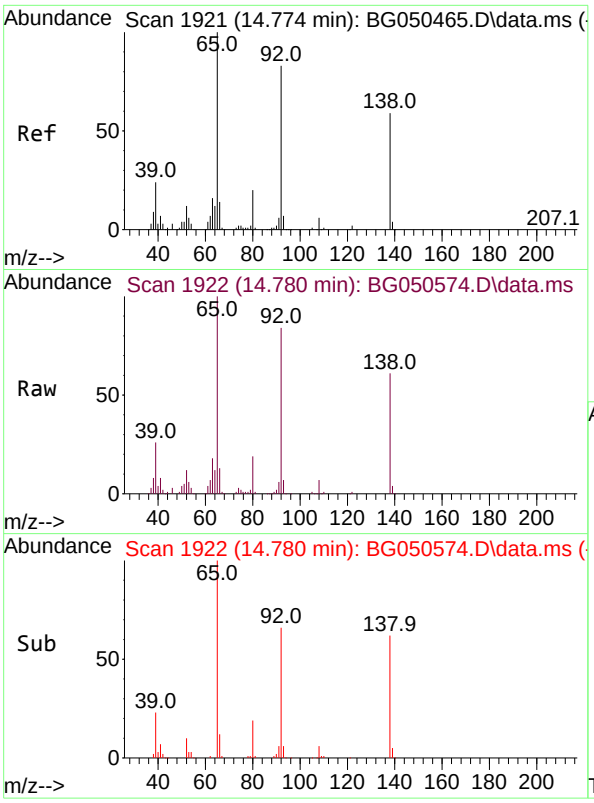

#52
Acenaphthene
Concen: 43.223 ng
RT: 14.944 min Scan# 1950
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:154 Resp: 296217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.0 | 87.0 | 130.4 |
| 152 | 56.1 | 40.1 | 60.1 |



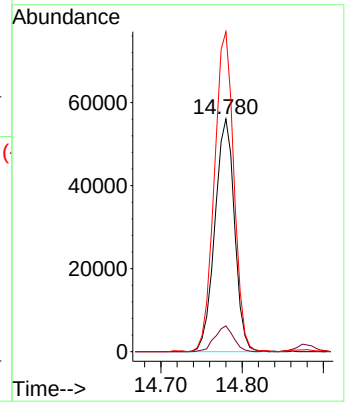
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

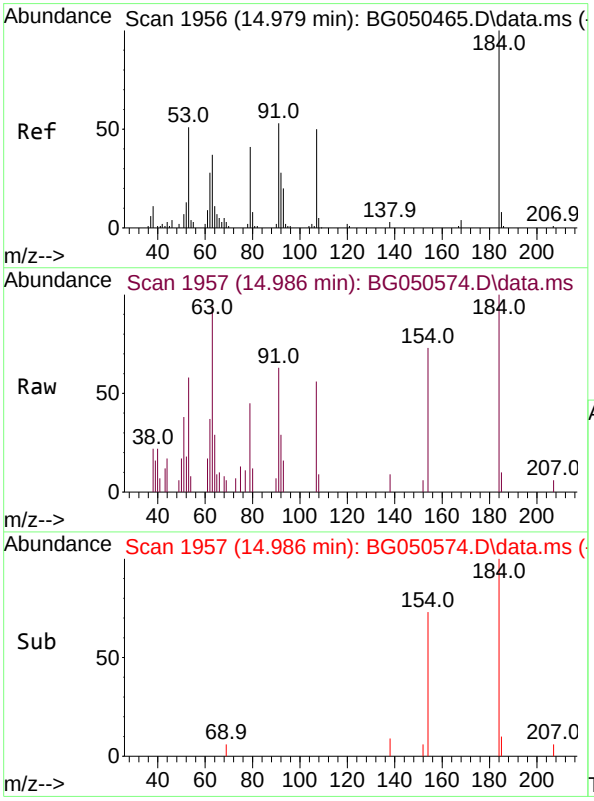



#53
3-Nitroaniline
Concen: 45.140 ng
RT: 14.780 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:138 Resp: 93944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 8.3 | 12.5 |
| 92 | 137.6 | 96.4 | 144.6 |

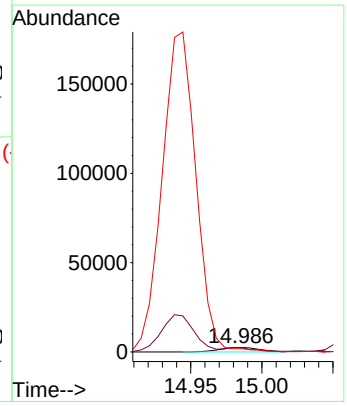


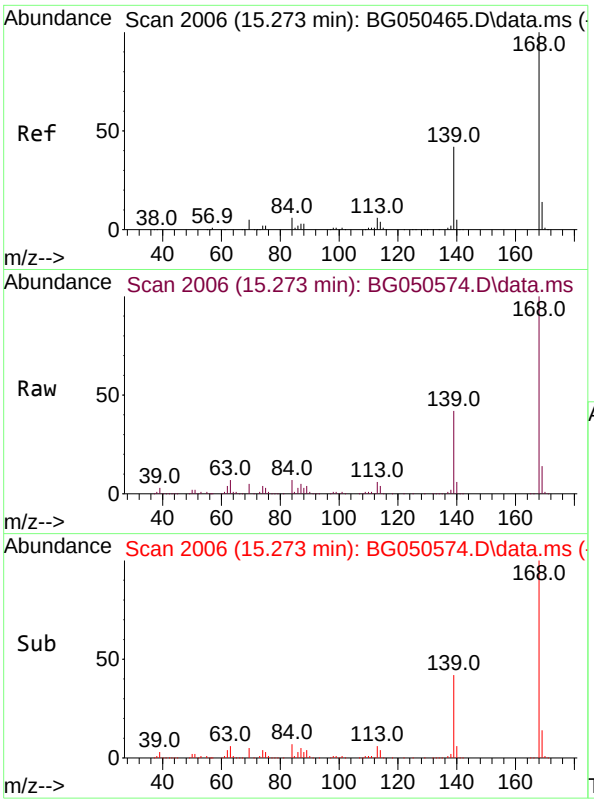

#54
2,4-Dinitrophenol
Concen: 4.491 ng
RT: 14.986 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:184 Resp: 4902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 93.8 | 68.3 | 102.5 |
| 154 | 72.9 | 62.6 | 93.8 |



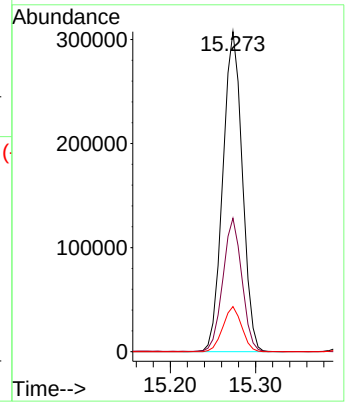
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

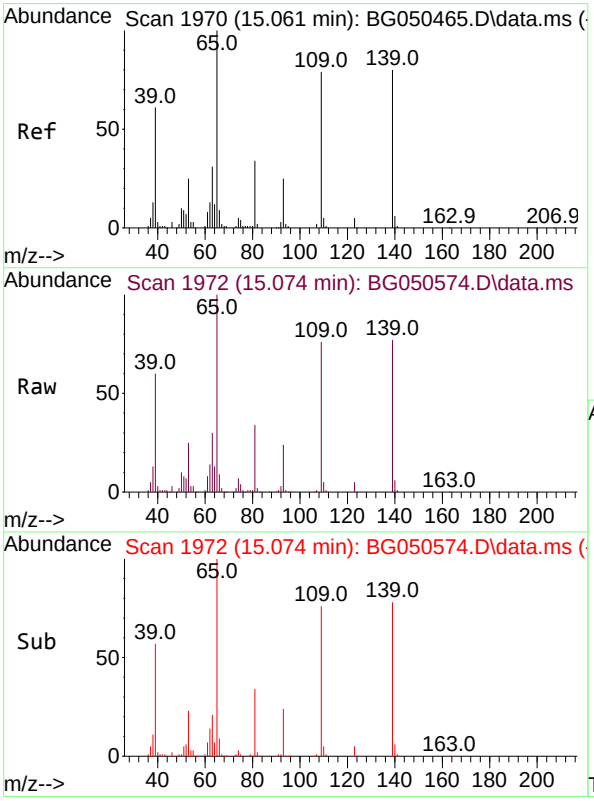



#55
Dibenzofuran
Concen: 46.061 ng
RT: 15.273 min Scan# 2006
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:168 Resp: 488211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.7 | 33.4 | 50.2 |
| 169 | 14.1 | 12.3 | 18.5 |

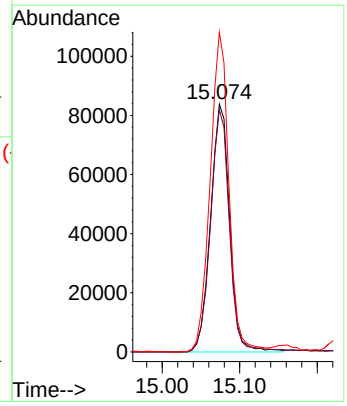


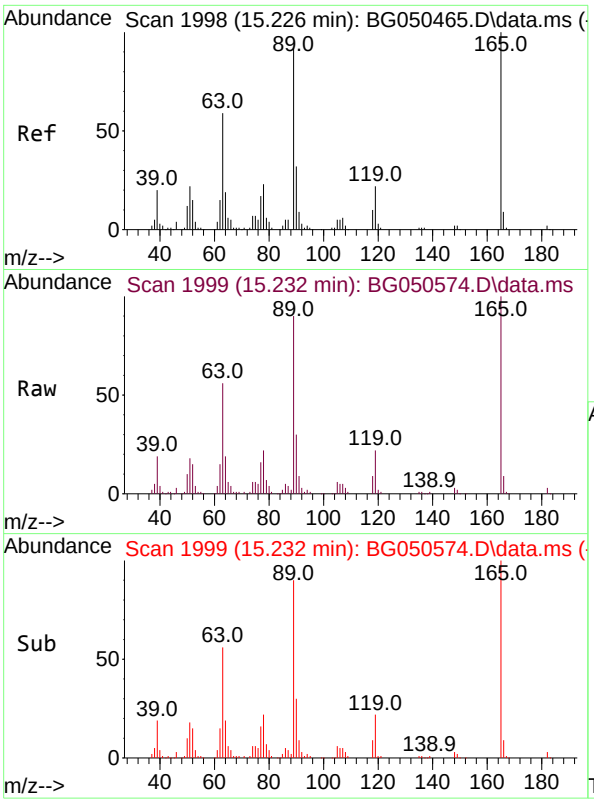

#56
4-Nitrophenol
Concen: 85.690 ng
RT: 15.074 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:139 Resp: 143454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 97.8 | 116.3 | 156.3# |
| 65 | 129.1 | 105.0 | 145.0 |



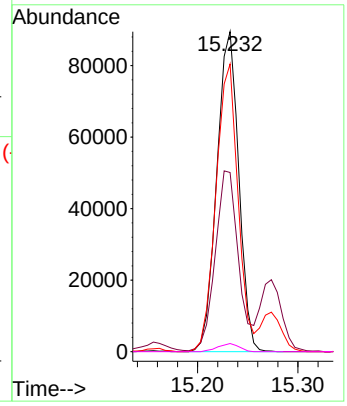
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

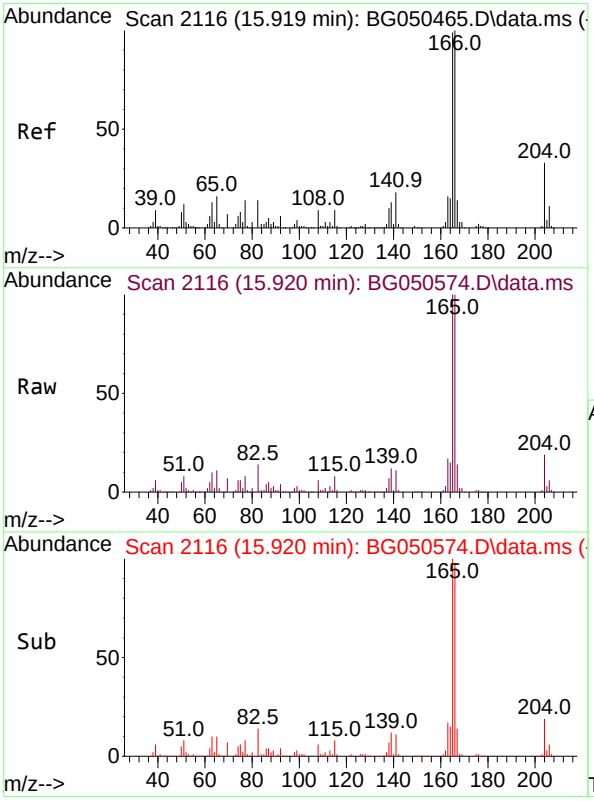



#57
2,4-Dinitrotoluene
Concen: 54.856 ng
RT: 15.232 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:165 Resp: 136040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.0 | 48.0 | 72.0 |
| 89 | 89.9 | 65.4 | 98.0 |
| 182 | 2.6 | 2.0 | 3.0 |

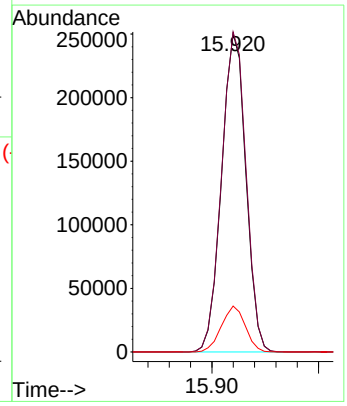


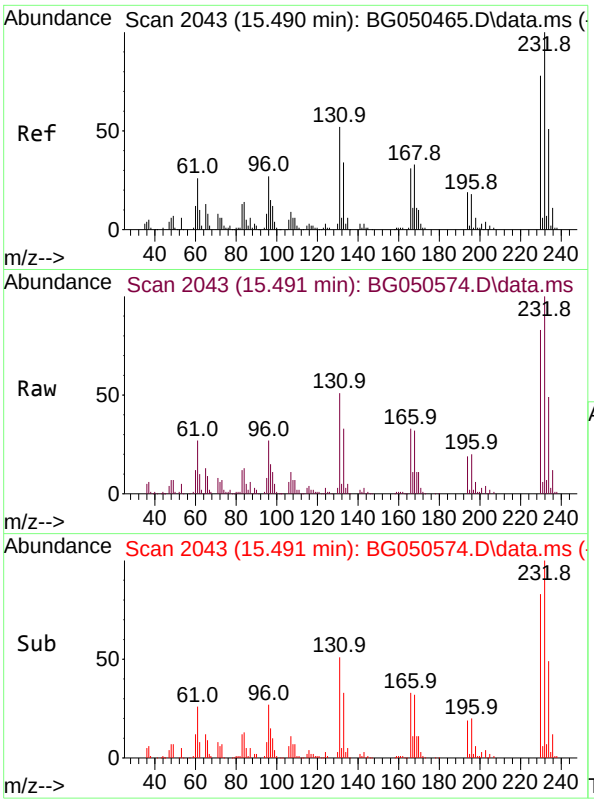

#58
Fluorene
Concen: 48.579 ng
RT: 15.920 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:166 Resp: 395499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.5 | 77.7 | 116.5 |
| 167 | 14.4 | 10.8 | 16.2 |



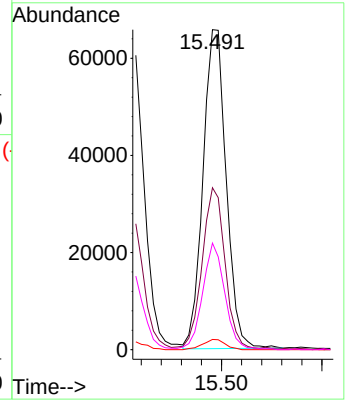
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

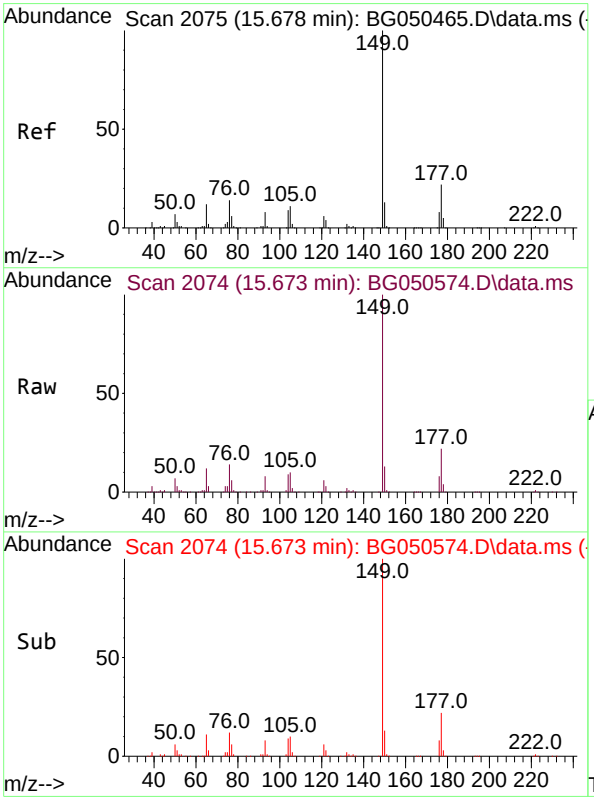



#59
2,3,4,6-Tetrachlorophenol
Concen: 47.952 ng
RT: 15.491 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:232 Resp: 105611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 49.4 | 37.2 | 55.8 |
| 130 | 3.1 | 2.8 | 4.2 |
| 166 | 31.9 | 24.0 | 36.0 |

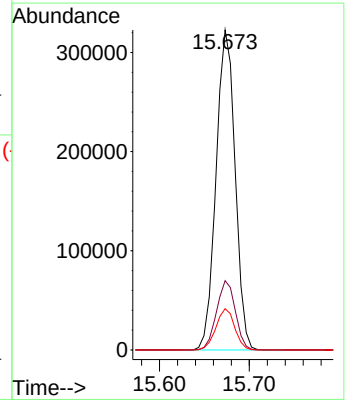


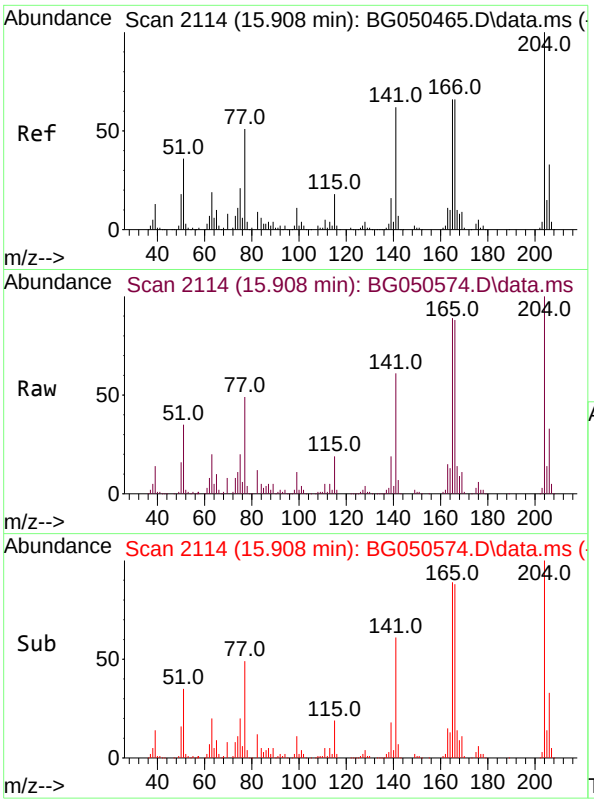

#60
Diethylphthalate
Concen: 51.453 ng
RT: 15.673 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:149 Resp: 474891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 19.0 | 28.6 |
| 150 | 12.9 | 10.2 | 15.4 |



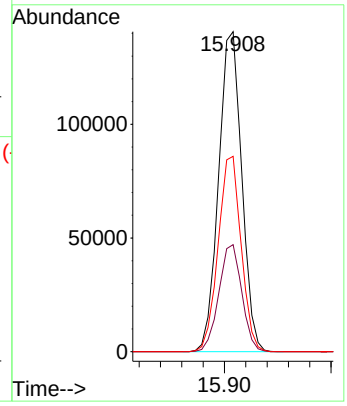
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

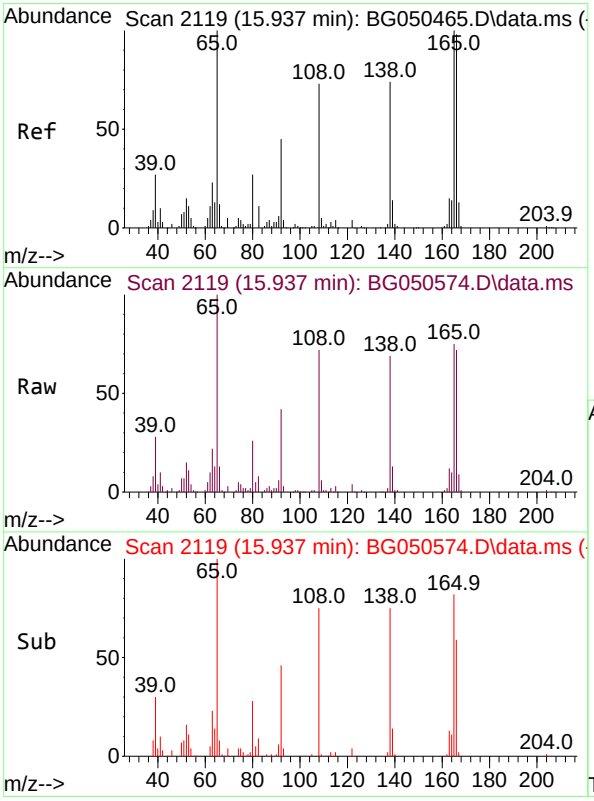



#61
4-Chlorophenyl-phenylether
Concen: 47.449 ng
RT: 15.908 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:204 Resp: 211369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.5 | 24.6 | 37.0 |
| 141 | 61.1 | 47.8 | 71.8 |

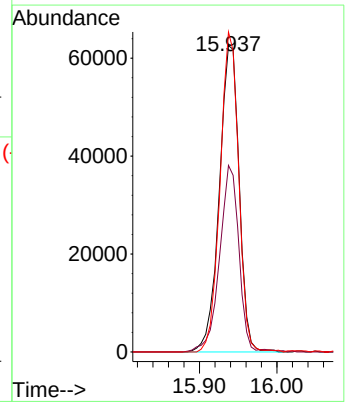


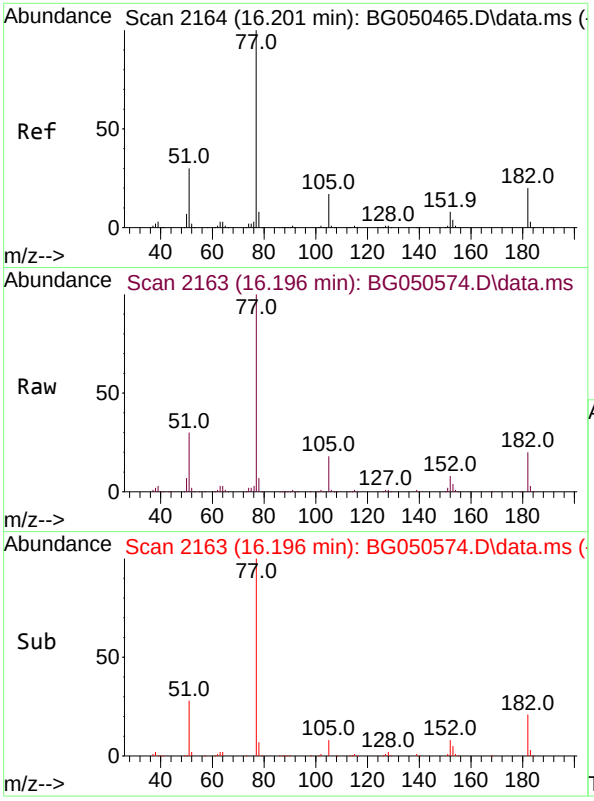

#62
4-Nitroaniline
Concen: 51.526 ng
RT: 15.937 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:138 Resp: 111569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 60.9 | 32.3 | 72.3 |
| 108 | 104.4 | 132.4 | 172.4# |



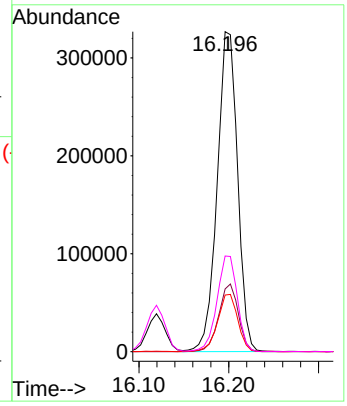
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

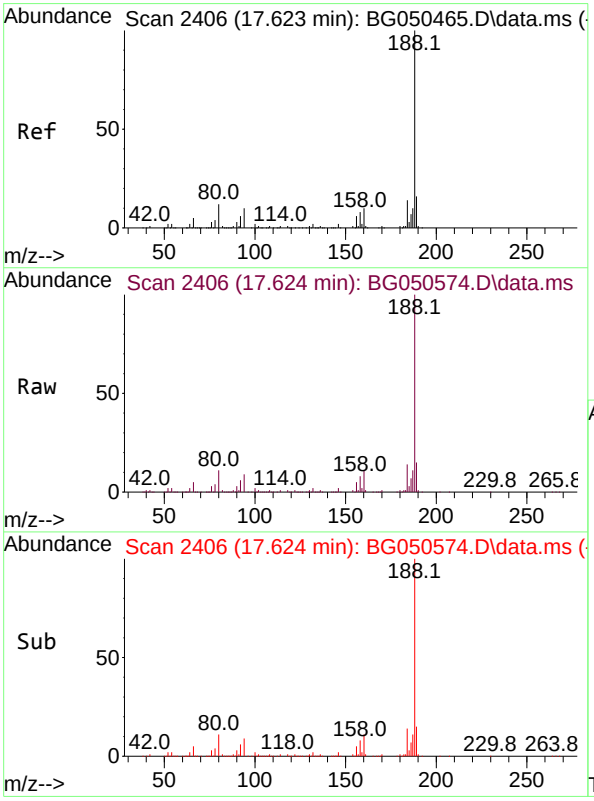



#63
Azobenzene
Concen: 48.184 ng
RT: 16.196 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion: 77 Resp: 514799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 19.6 | 7.9 | 47.9 |
| 105 | 17.7 | 0.0 | 37.9 |
| 51 | 29.9 | 27.3 | 67.3 |

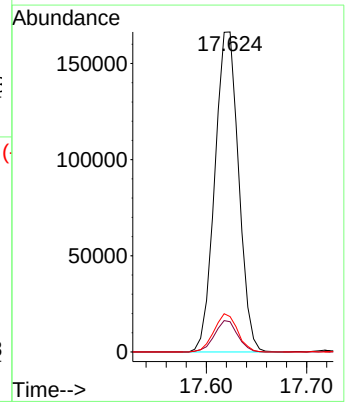


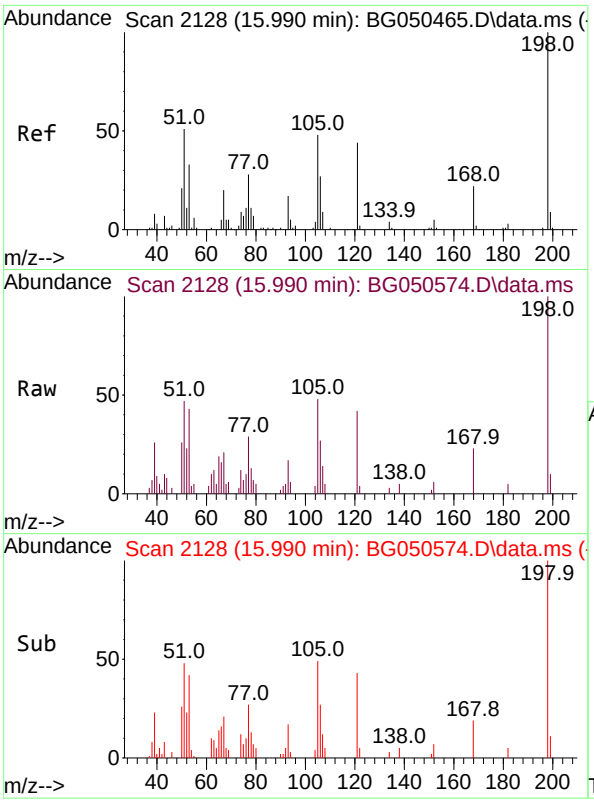

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:188 Resp: 274080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 5.4 | 8.0# |
| 80 | 11.1 | 3.7 | 5.5# |



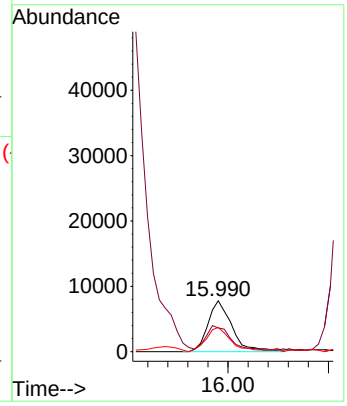
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

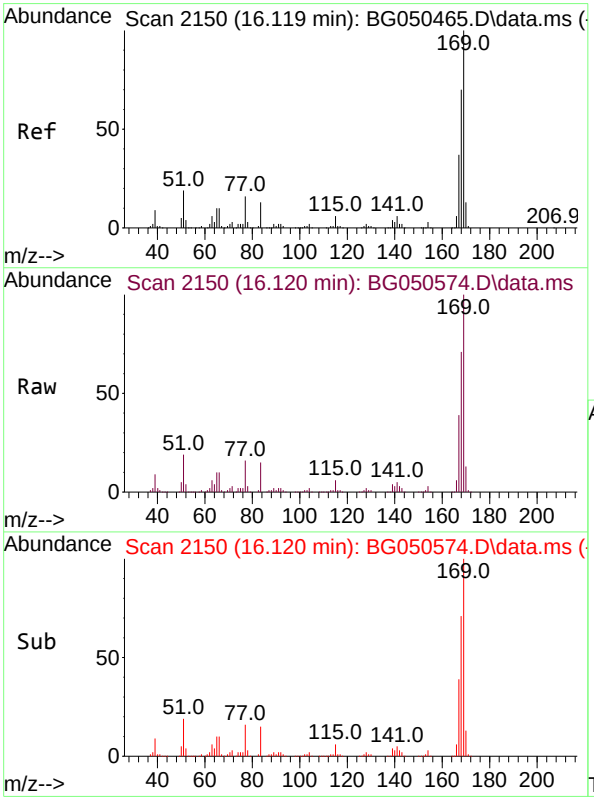



#65
4,6-Dinitro-2-methylphenol
Concen: 7.930 ng
RT: 15.990 min Scan# 2128
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:198 Resp: 13055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 46.6 | 29.4 | 69.4 |
| 105 | 47.9 | 15.1 | 55.1 |

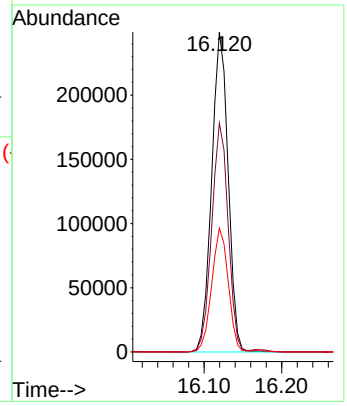


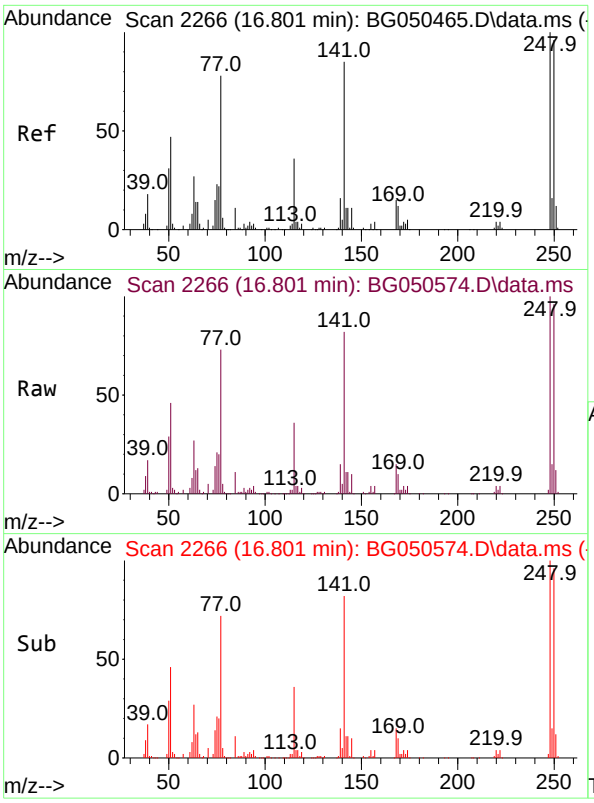

#66
n-Nitrosodiphenylamine
Concen: 47.148 ng
RT: 16.120 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:169 Resp: 367176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 71.5 | 56.3 | 84.5 |
| 167 | 38.7 | 28.4 | 42.6 |



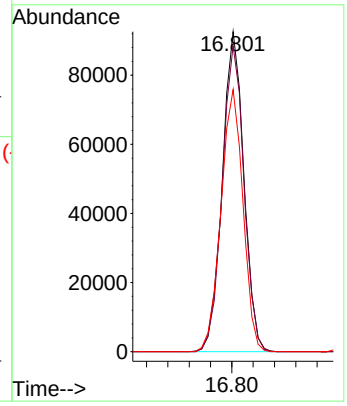
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

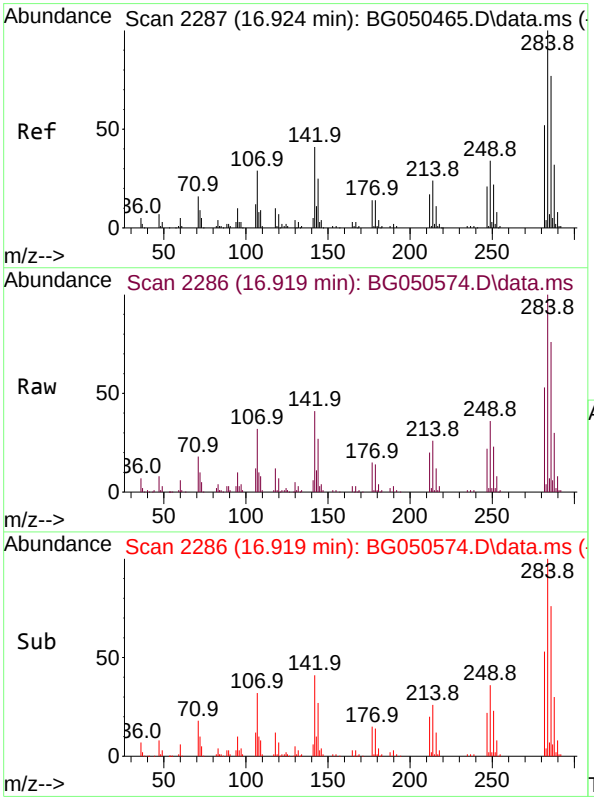



#67
4-Bromophenyl-phenylether
Concen: 46.949 ng
RT: 16.801 min Scan# 2266
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:248 Resp: 129665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.5 | 76.1 | 114.1 |
| 141 | 81.9 | 65.4 | 98.2 |

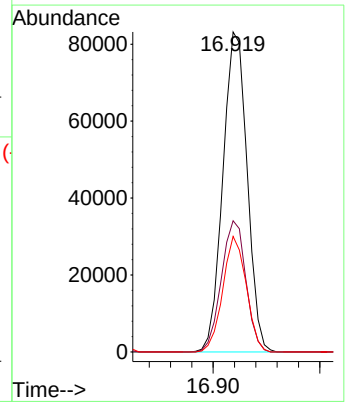


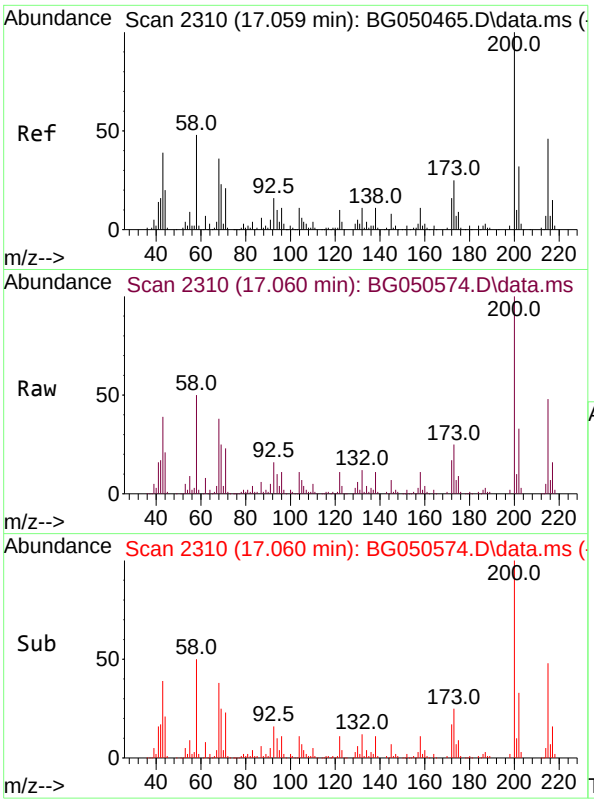

#68
Hexachlorobenzene
Concen: 47.808 ng
RT: 16.919 min Scan# 2286
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:284 Resp: 131231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.0 | 27.0 | 40.6# |
| 249 | 36.1 | 28.2 | 42.2 |



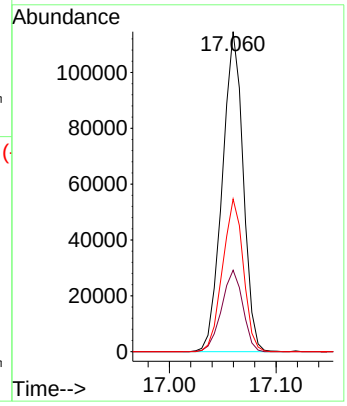
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

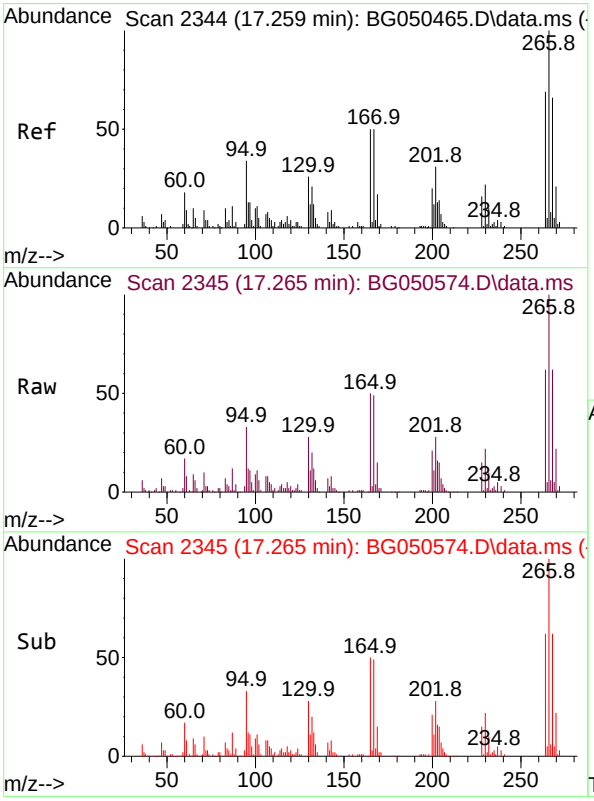



#69
Atrazine
Concen: 50.793 ng
RT: 17.060 min Scan# 2310
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:200 Resp: 155820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.5 | 3.7 | 43.7 |
| 215 | 47.7 | 26.9 | 66.9 |

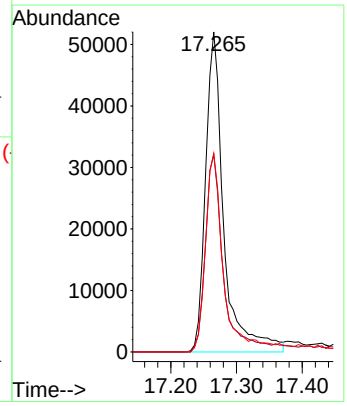


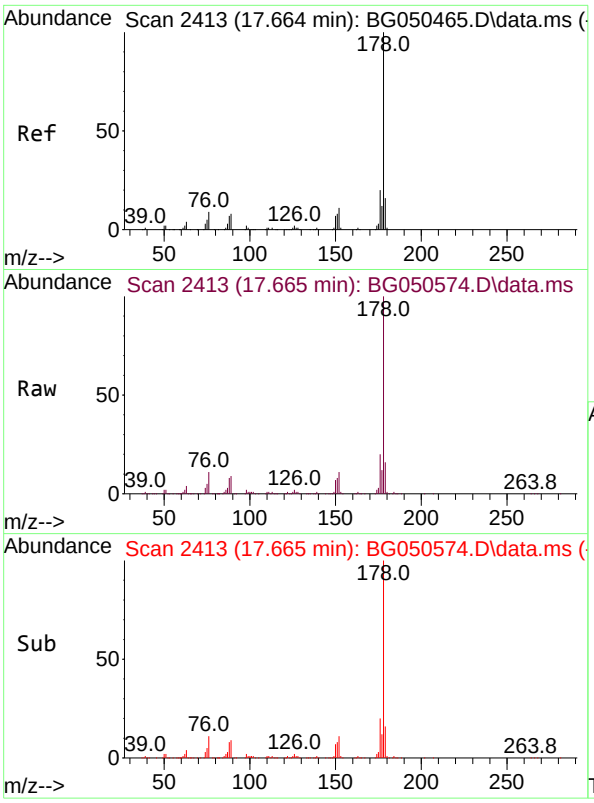

#70
Pentachlorophenol
Concen: 53.933 ng
RT: 17.265 min Scan# 2345
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:266 Resp: 100780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.7 | 49.0 | 73.4 |
| 264 | 62.0 | 49.0 | 73.6 |



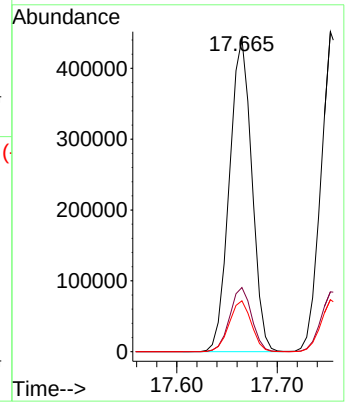
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

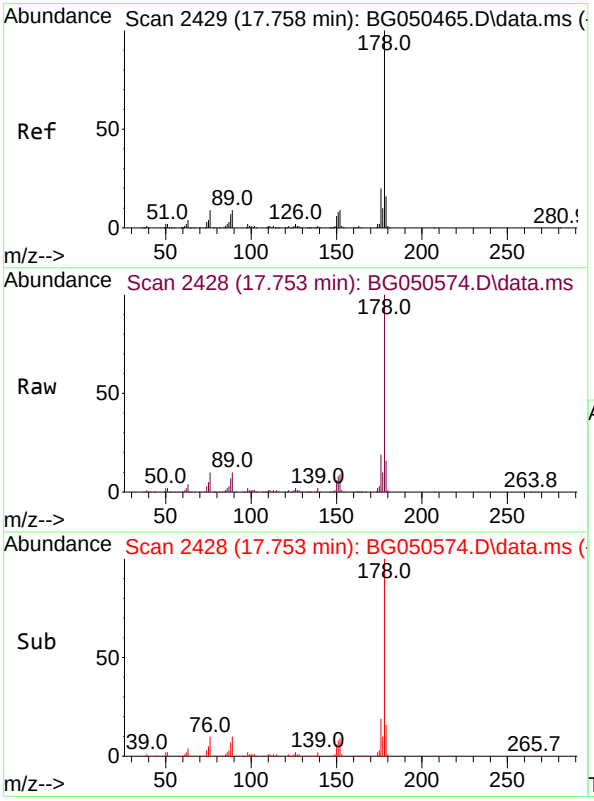



#71
Phenanthrene
Concen: 47.500 ng
RT: 17.665 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:178 Resp: 686039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 16.0 | 24.0 |
| 179 | 16.2 | 14.2 | 21.4 |

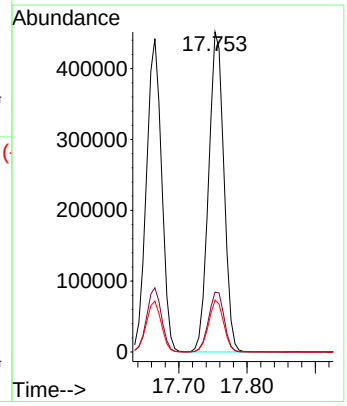


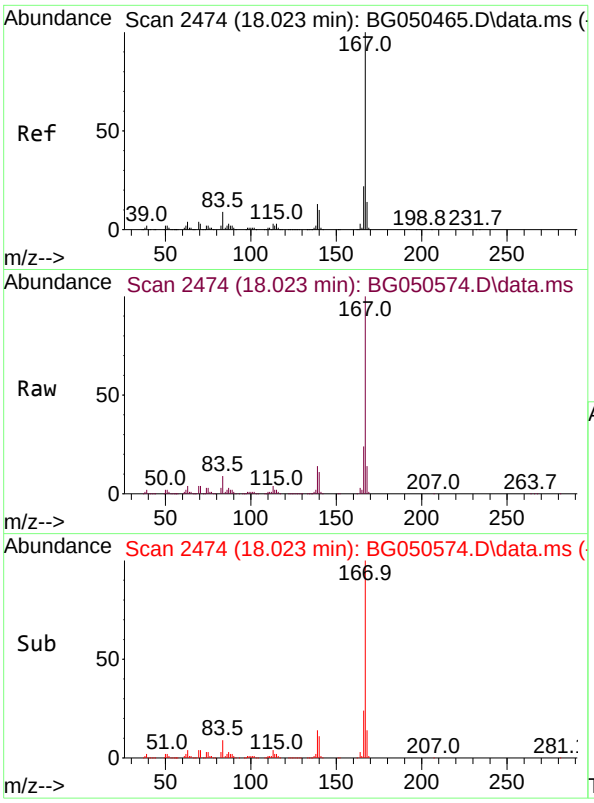




#72
Anthracene
Concen: 49.048 ng
RT: 17.753 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:178 Resp: 703942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.6 | 21.8 |
| 179 | 16.2 | 13.4 | 20.0 |

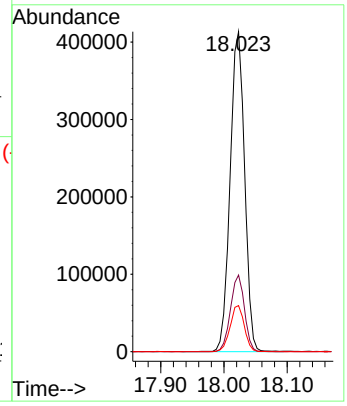




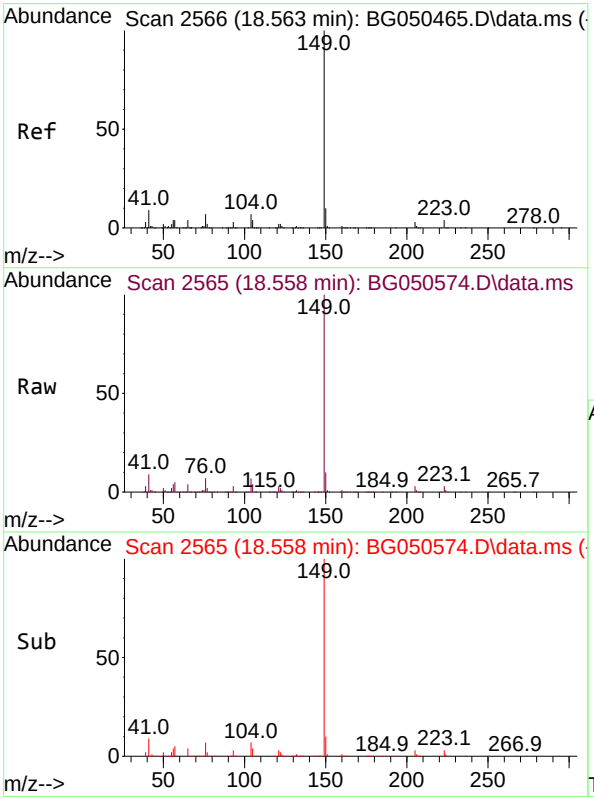

#73
Carbazole
Concen: 45.970 ng
RT: 18.023 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:167 Resp: 657558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.0 | 17.4 | 26.2 |
| 139 | 14.4 | 10.7 | 16.1 |



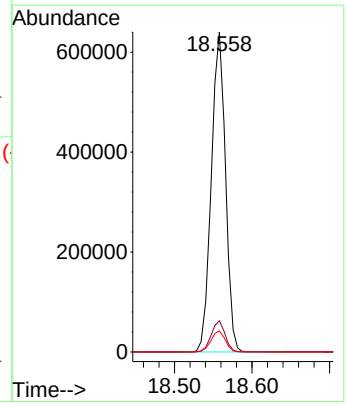

**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS



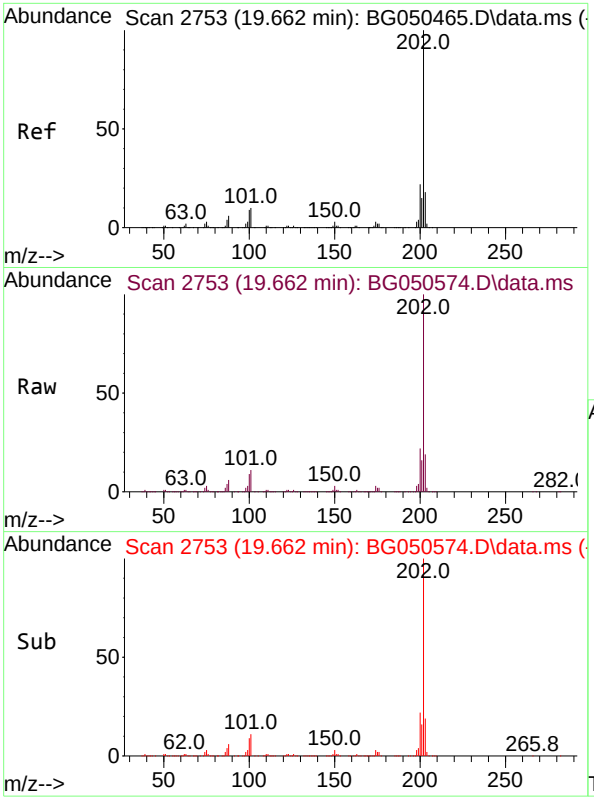

#74
Di-n-butylphthalate
Concen: 48.373 ng
RT: 18.558 min Scan# 2565
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:149 Resp: 812015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.7 | 7.5 | 11.3 |
| 104 | 6.6 | 6.6 | 10.0# |



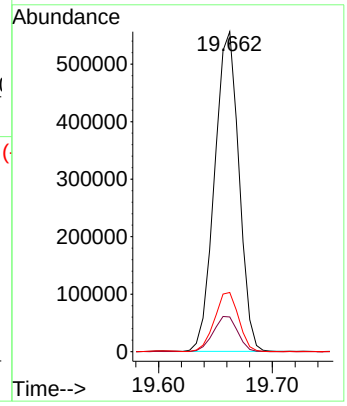
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

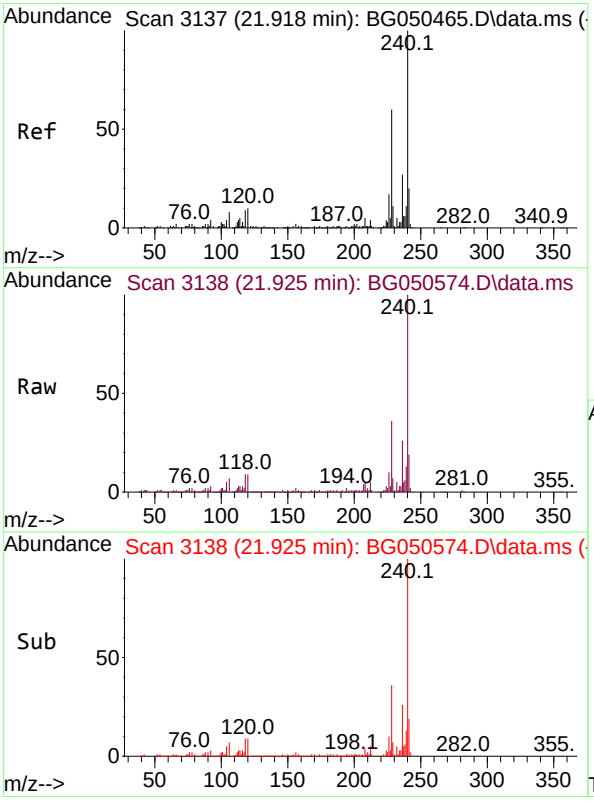



#75
Fluoranthene
Concen: 46.592 ng
RT: 19.662 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:202 Resp: 827190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 24.7 |
| 203 | 18.5 | 0.0 | 38.5 |

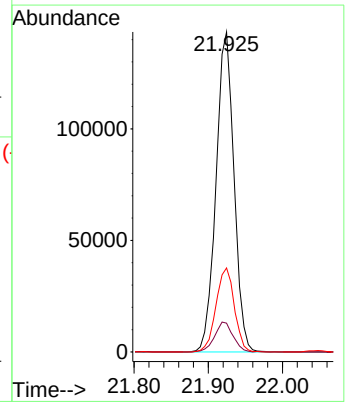


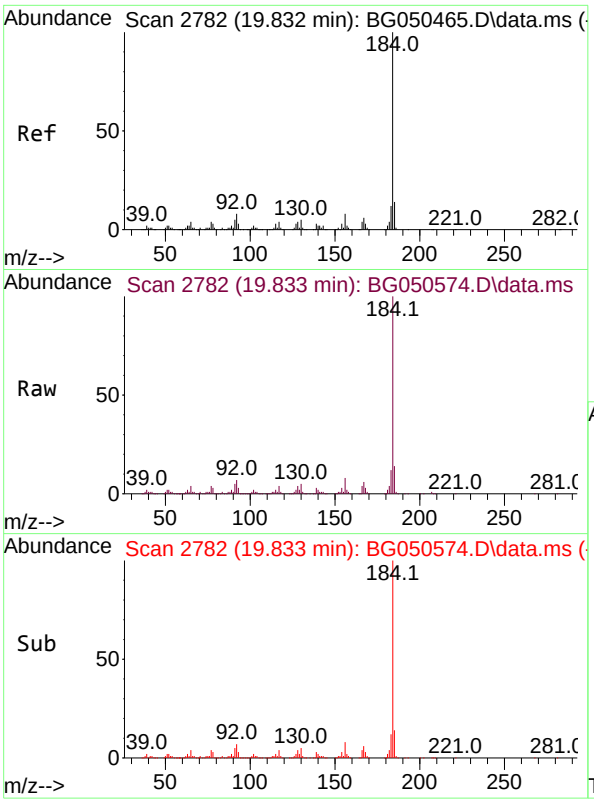

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:240 Resp: 240875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.0 | 4.2 | 6.2# |
| 236 | 26.2 | 21.8 | 32.6 |



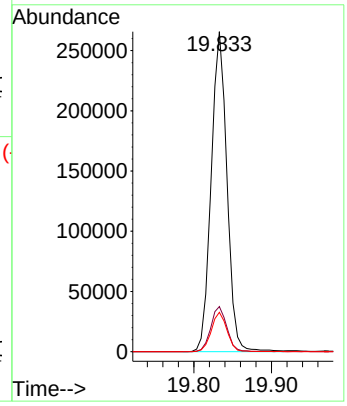
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

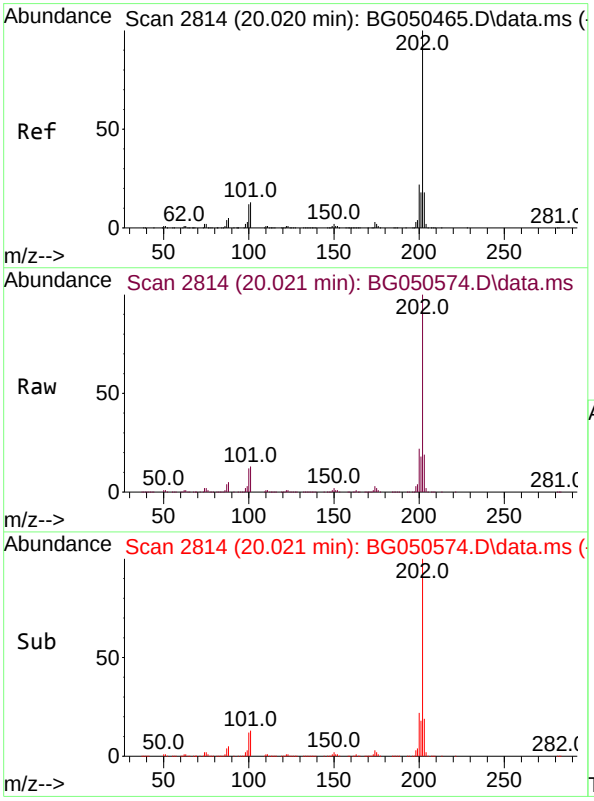



#77
Benzidine
Concen: 48.171 ng
RT: 19.833 min Scan# 2782
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:184 Resp: 376073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 10.7 | 16.1 |
| 183 | 12.3 | 9.4 | 14.0 |

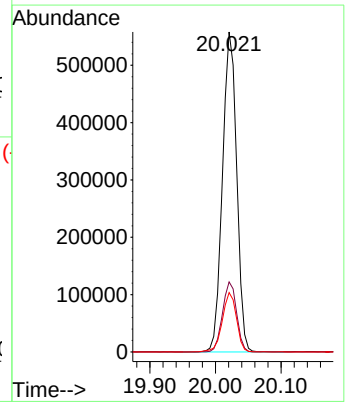


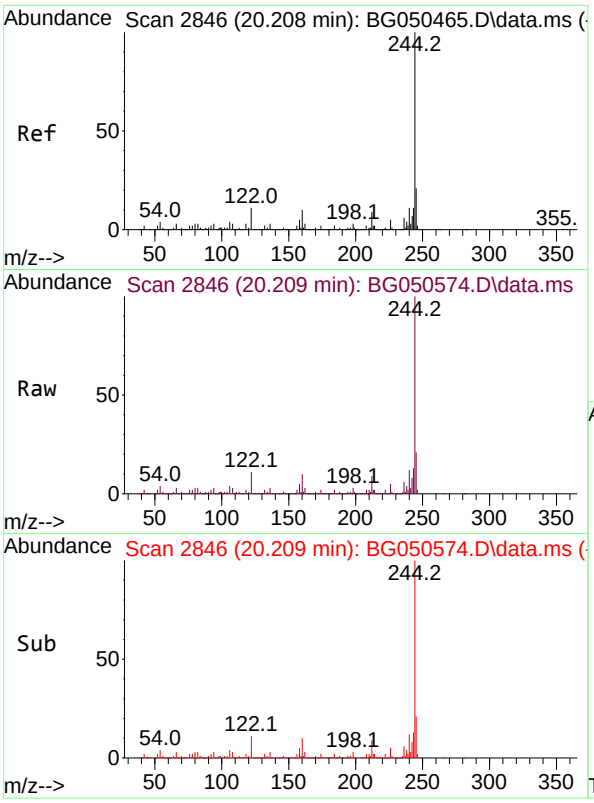

#78
Pyrene
Concen: 48.929 ng
RT: 20.021 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:202 Resp: 836194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.9 | 15.8 | 23.8 |
| 203 | 18.6 | 14.6 | 21.8 |



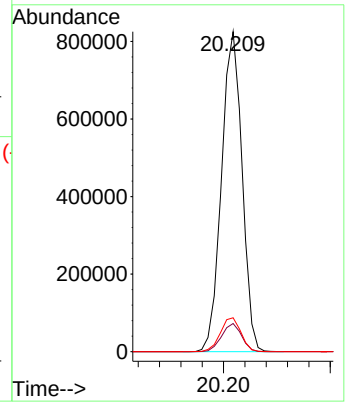
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

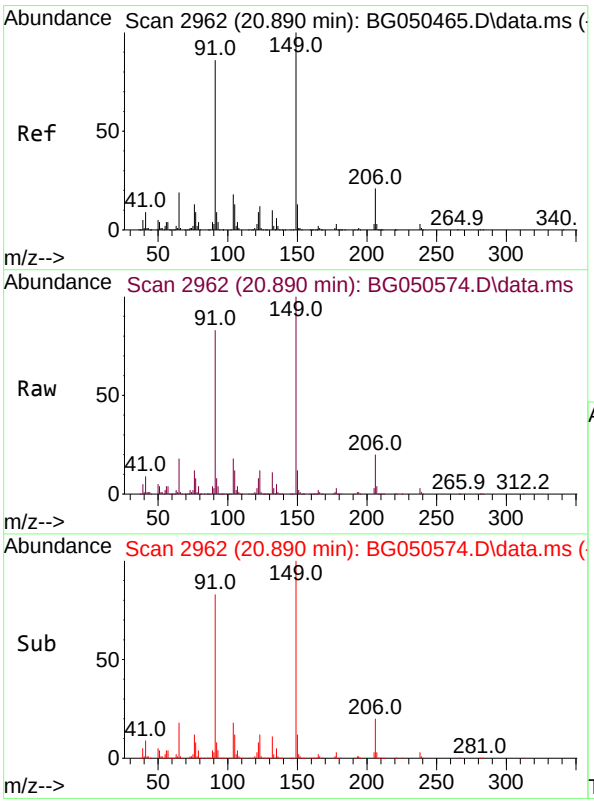



#79
Terphenyl-d14
Concen: 89.116 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:244 Resp: 1101478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.8 | 6.9 | 10.3 |
| 122 | 10.6 | 5.0 | 7.6# |

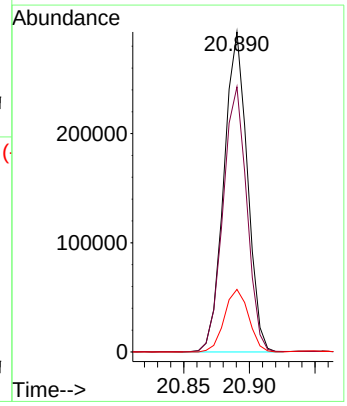


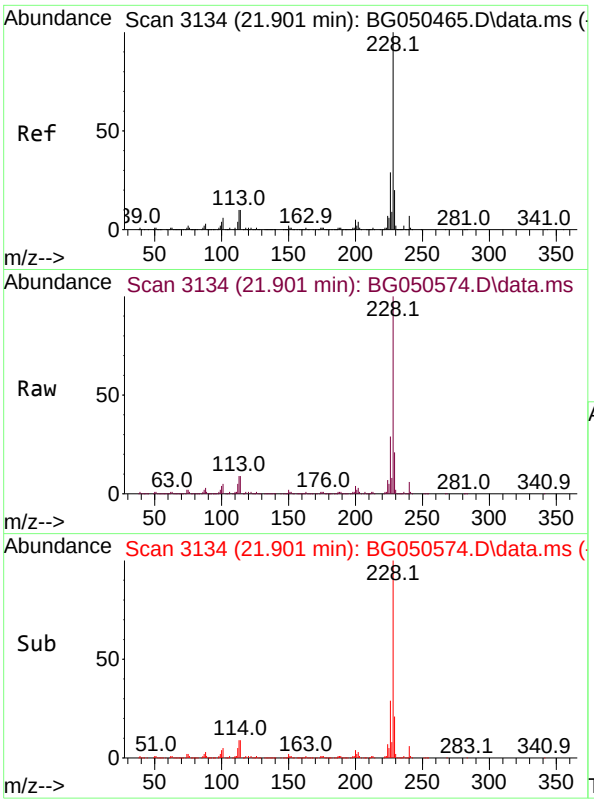

#80
Butylbenzylphthalate
Concen: 50.315 ng
RT: 20.890 min Scan# 2962
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:149 Resp: 363718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 82.8 | 63.4 | 95.2 |
| 206 | 19.5 | 18.4 | 27.6 |



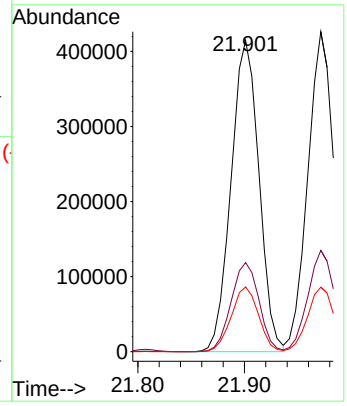
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

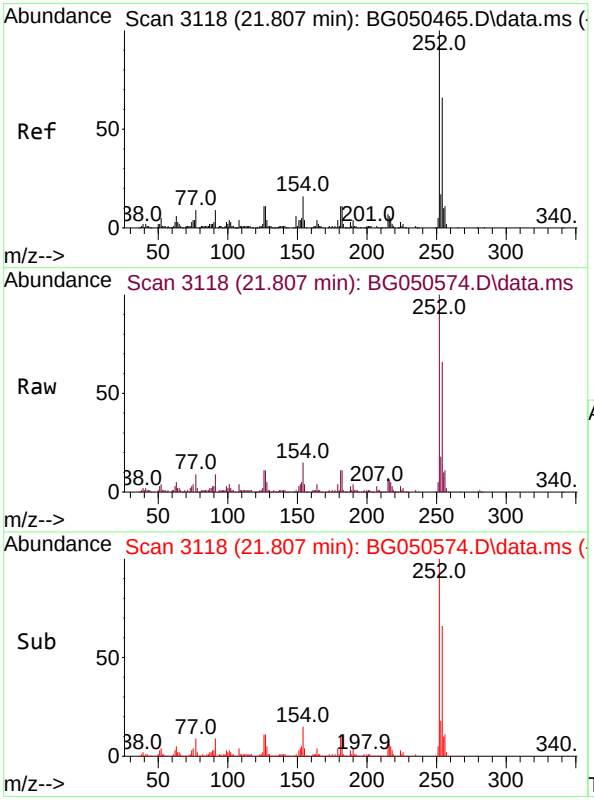



#81
Benzo(a)anthracene
Concen: 47.374 ng
RT: 21.901 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:228 Resp: 755060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 22.7 | 34.1 |
| 229 | 20.8 | 16.0 | 24.0 |

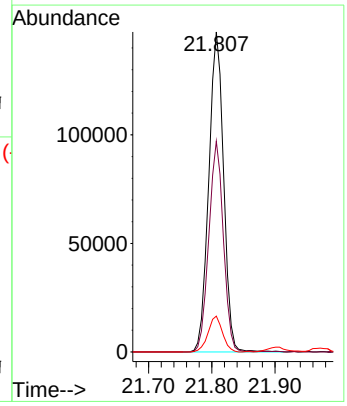


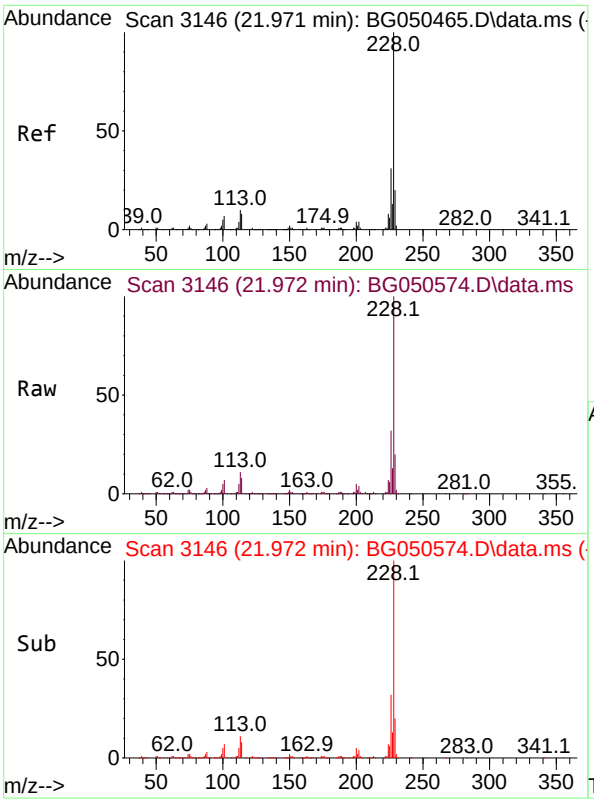

#82
3,3'-Dichlorobenzidine
Concen: 45.498 ng
RT: 21.807 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:252 Resp: 240325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.9 | 52.4 | 78.6 |
| 126 | 11.2 | 5.9 | 8.9# |



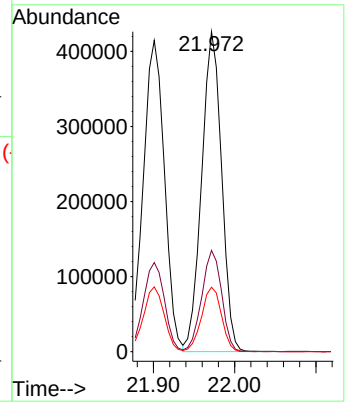
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

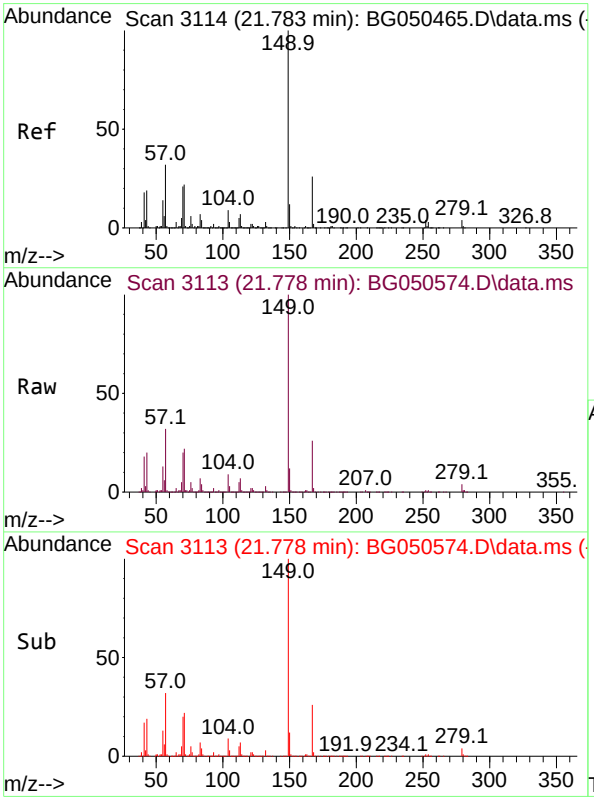



#83
Chrysene
Concen: 48.432 ng
RT: 21.972 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:228 Resp: 726104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.7 | 23.1 | 34.7 |
| 229 | 20.1 | 15.3 | 22.9 |

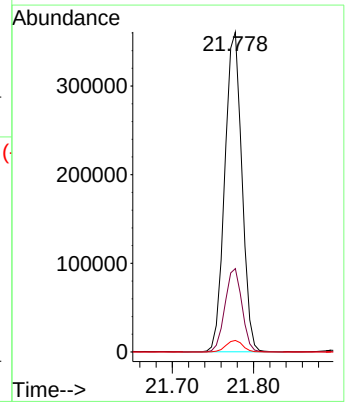


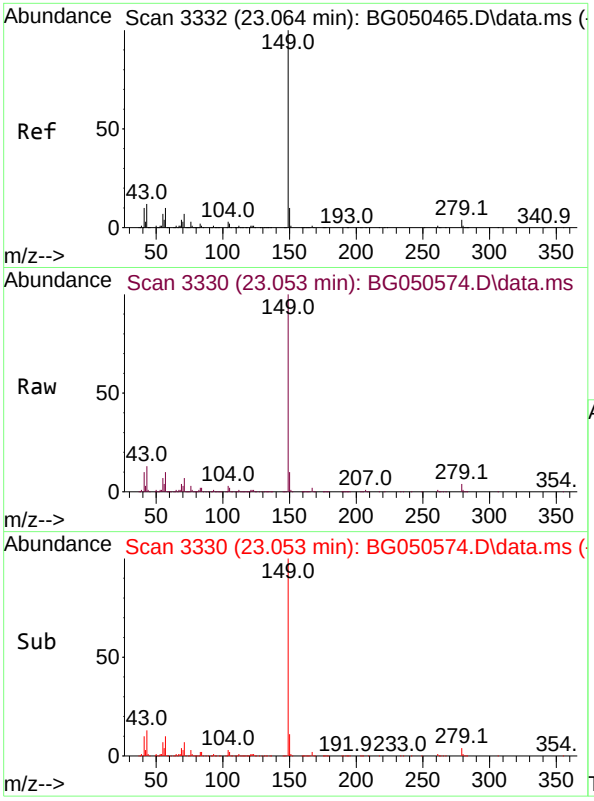

#84
Bis(2-ethylhexyl)phthalate
Concen: 51.332 ng
RT: 21.778 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:149 Resp: 527241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.0 | 22.3 | 33.5 |
| 279 | 3.6 | 3.8 | 5.8# |



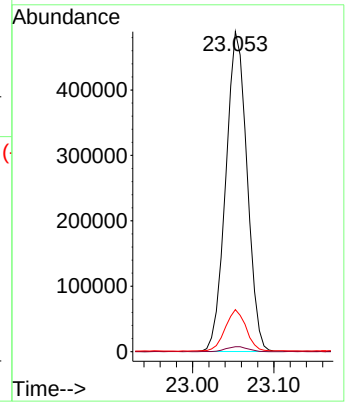
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

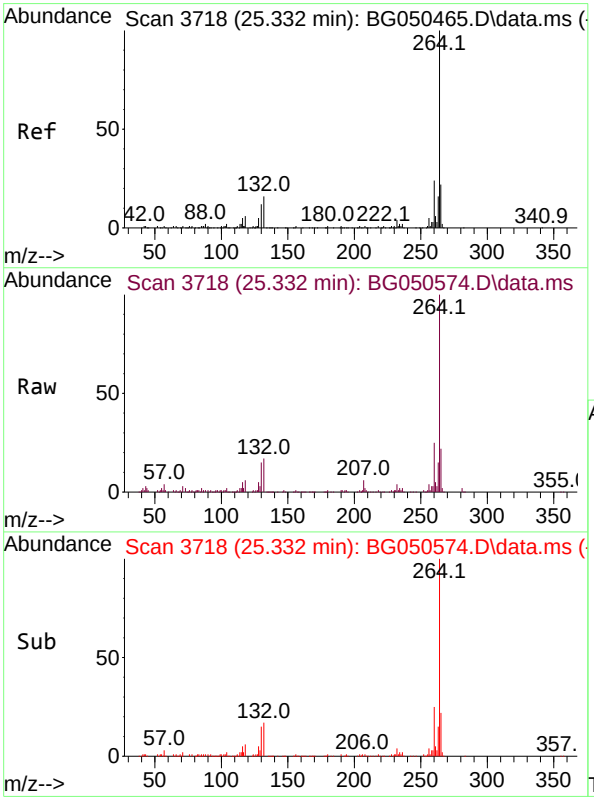



#85
Di-n-octyl phthalate
Concen: 51.862 ng
RT: 23.053 min Scan# 3330
Delta R.T. -0.011 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:149 Resp: 888470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.4 | 2.2 |
| 43 | 12.8 | 8.6 | 12.8 |

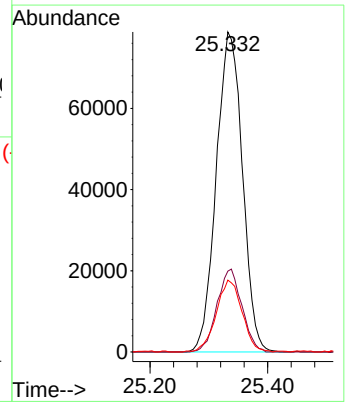


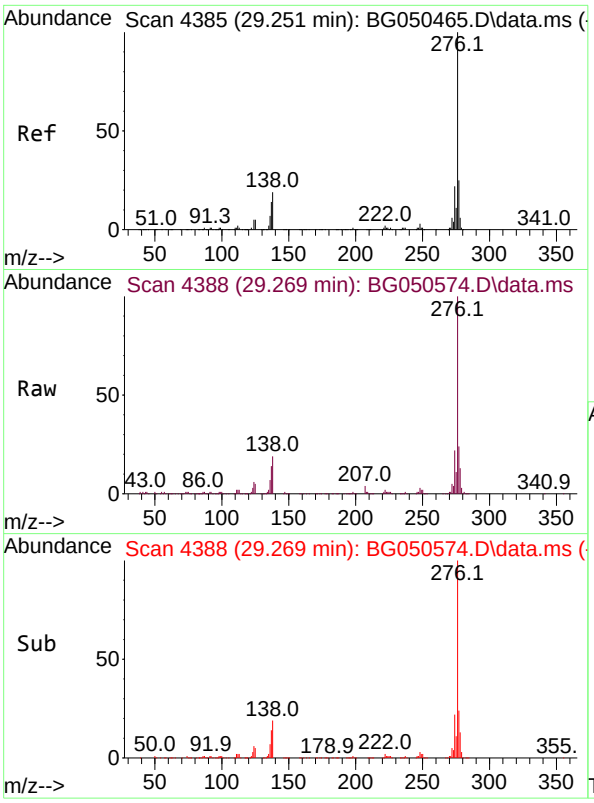

#86
Perylene-d12
Concen: 20.000 ng
RT: 25.332 min Scan# 3718
Delta R.T. 0.000 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:264 Resp: 242995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 19.4 | 29.2 |
| 265 | 22.4 | 16.9 | 25.3 |



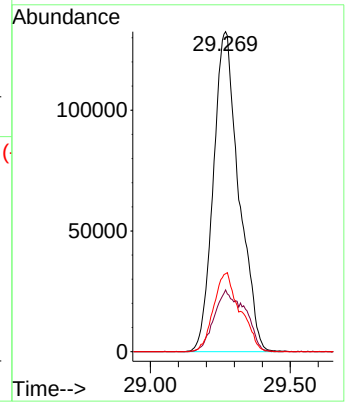
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

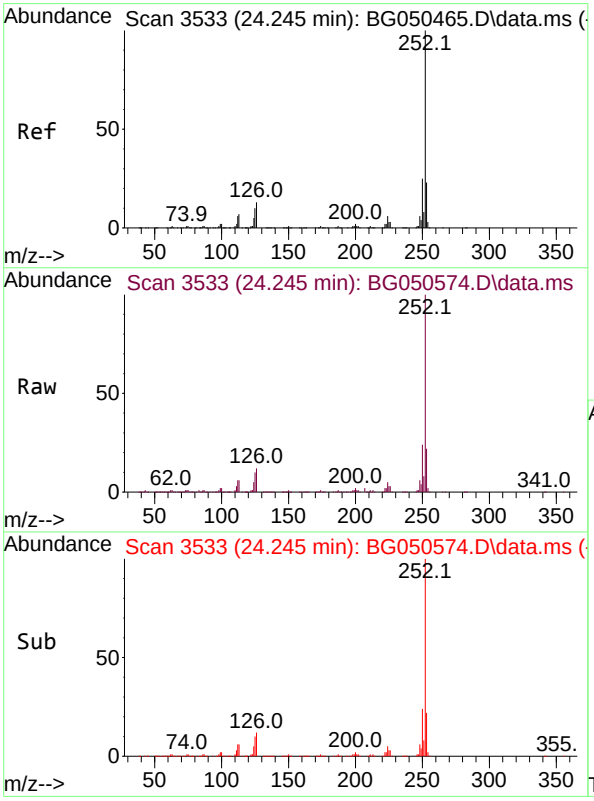



#87
Indeno(1,2,3-cd)pyrene
Concen: 49.703 ng
RT: 29.269 min Scan# 4388
Delta R.T. 0.018 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:276 Resp: 841211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.3 | 5.1 | 7.7# |
| 277 | 25.7 | 19.8 | 29.6 |

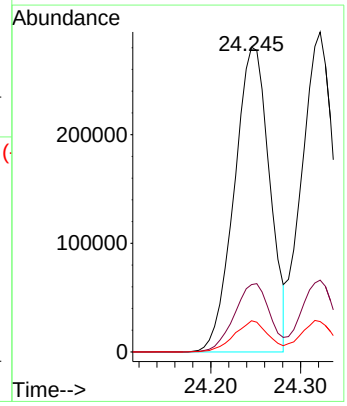


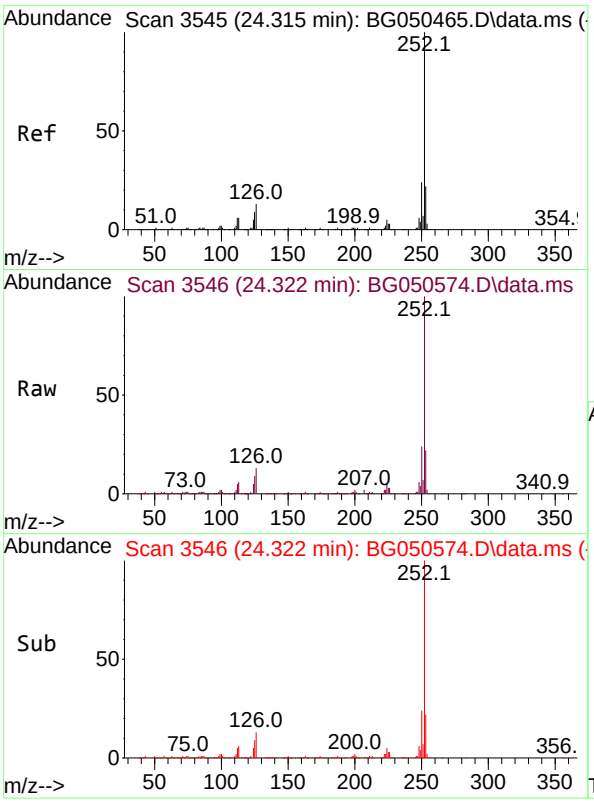

#88
Benzo(b)fluoranthene
Concen: 51.638 ng
RT: 24.245 min Scan# 3533
Delta R.T. 0.001 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:252 Resp: 768457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 16.2 | 24.4 |
| 125 | 10.3 | 3.0 | 4.4# |



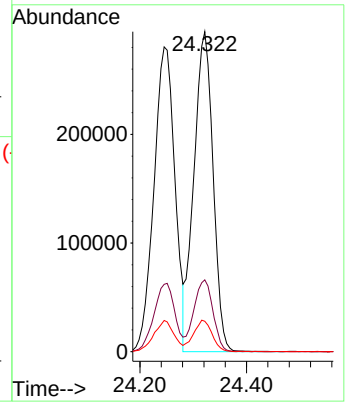
**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS

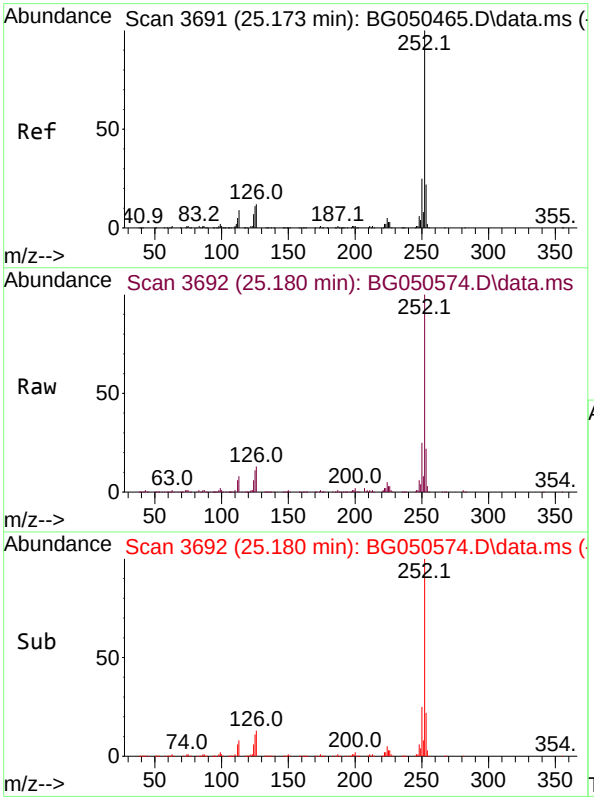



#89
Benzo(k)fluoranthene
Concen: 50.275 ng
RT: 24.322 min Scan# 3546
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:252 Resp: 736045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.0 | 27.0 |
| 125 | 9.5 | 3.1 | 4.7# |

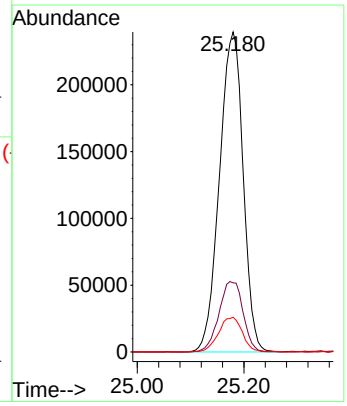


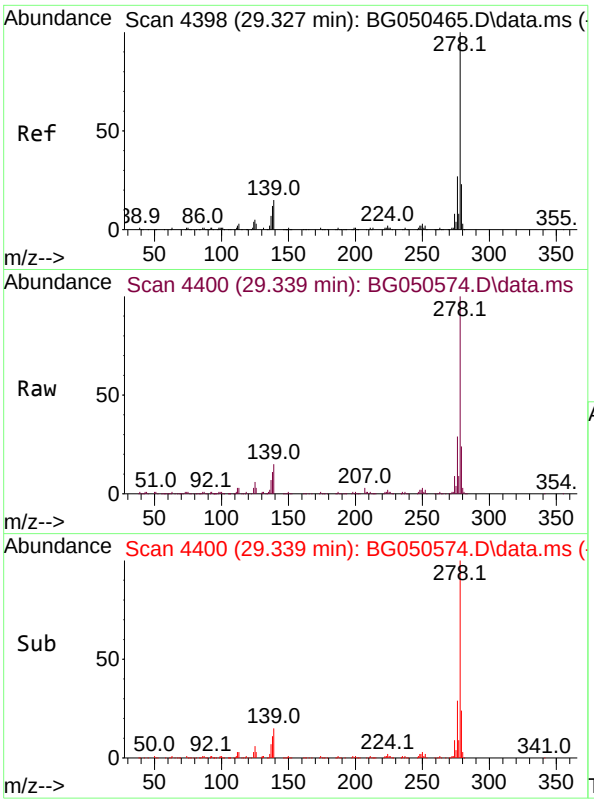




#90
Benzo(a)pyrene
Concen: 58.292 ng
RT: 25.180 min Scan# 3692
Delta R.T. 0.006 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:252 Resp: 737562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 16.6 | 25.0 |
| 125 | 10.8 | 3.5 | 5.3# |

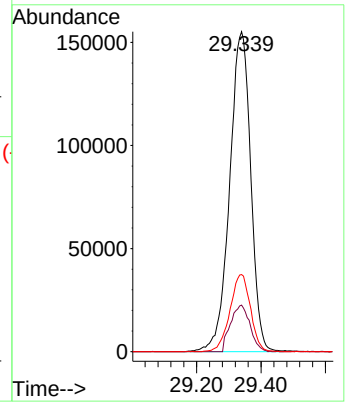




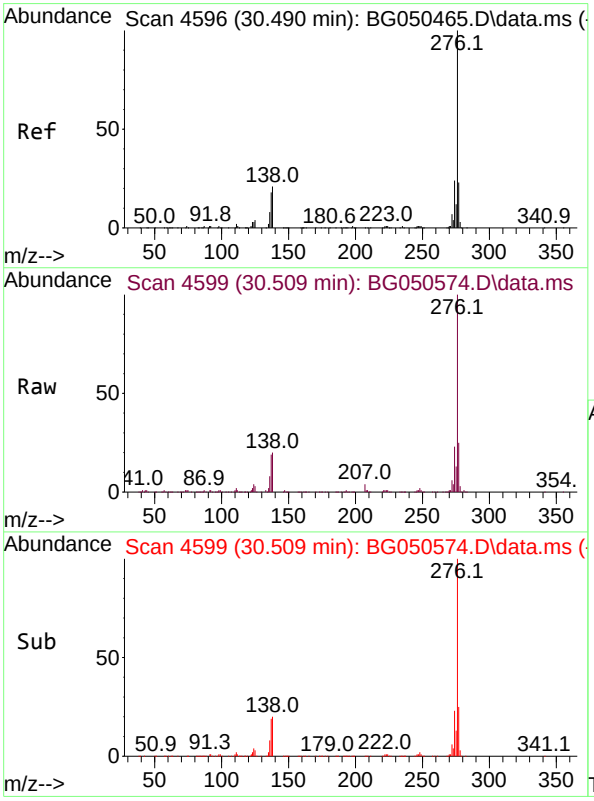

#91
Dibenzo(a,h)anthracene
Concen: 50.378 ng
RT: 29.339 min Scan# 4400
Delta R.T. 0.012 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:278 Resp: 705234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.6 | 4.6 | 6.8# |
| 279 | 24.1 | 17.9 | 26.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
MW-1MS




#92
Benzo(g,h,i)perylene
Concen: 50.918 ng
RT: 30.509 min Scan# 4599
Delta R.T. 0.018 min
Lab File: BG050574.D
Acq: 13 Oct 2021 17:30

Tgt Ion:276 Resp: 698115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.0 | 18.4 | 27.6 |
| 138 | 20.2 | 7.0 | 10.6# |