Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061110.D
Acq On : 3 May 2024 17:32
Operator : MA/JU
Sample : P2354-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Quant Time: May 03 19:19:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.934 | 152 | 26939 | 20.000 | ng | | -0.03 |
| 21) Naphthalene-d8 | 10.731 | 136 | 109052 | 20.000 | ng | | #-0.03 |
| 39) Acenaphthene-d10 | 14.562 | 164 | 83703 | 20.000 | ng | | -0.03 |
| 64) Phenanthrene-d10 | 17.311 | 188 | 191666 | 20.000 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.571 | 240 | 189302 | 20.000 | ng | | -0.02 |
| 86) Perylene-d12 | 24.697 | 264 | 165890 | 20.000 | ng | | -0.03 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.525 | 112 | 76404 | 57.681 | ng | | -0.02 |
| 7) Phenol-d6 | 7.111 | 99 | 134707 | 68.745 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.091 | 82 | 98139 | 44.611 | ng | | -0.03 |
| 42) 2,4,6-Tribromophenol | 16.054 | 330 | 70211 | 41.965 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 13.187 | 172 | 161856 | 28.594 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.932 | 244 | 242547 | 21.309 | ng | | -0.02 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.439 | 88 | 14334 | 26.763 | ng | | 99 |
| 3) Pyridine | 3.827 | 79 | 41685 | 26.450 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.745 | 42 | 46855 | 30.944 | ng | | 97 |
| 6) Aniline | 7.258 | 93 | 49279 | 25.368 | ng | | 96 |
| 8) 2-Chlorophenol | 7.505 | 128 | 70611 | 43.451 | ng | | 97 |
| 9) Benzaldehyde | 7.070 | 77 | 31740 | 28.073 | ng | | 99 |
| 10) Phenol | 7.135 | 94 | 95548 | 47.949 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.358 | 93 | 56455 | 41.009 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.822 | 146 | 78542 | 40.997 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.969 | 146 | 79090 | 39.944 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 8.287 | 146 | 76721 | 40.162 | ng | | 95 |
| 15) Benzyl Alcohol | 8.169 | 79 | 71238 | 40.301 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.451 | 45 | 121582 | 40.702 | ng | | 98 |
| 17) 2-Methylphenol | 8.381 | 107 | 58740 | 41.364 | ng | | 96 |
| 18) Hexachloroethane | 9.009 | 117 | 26956 | 38.154 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.739 | 70 | 54091 | 36.886 | ng | | 89 |
| 20) 3+4-Methylphenols | 8.710 | 107 | 84504 | 41.245 | ng | | 95 |
| 22) Acetophenone | 8.751 | 105 | 114713 | 42.238 | ng | # | 99 |
| 24) Nitrobenzene | 9.133 | 77 | 86384 | 40.140 | ng | | 96 |
| 25) Isophorone | 9.656 | 82 | 151429 | 37.239 | ng | | 97 |
| 26) 2-Nitrophenol | 9.844 | 139 | 41849 | 41.043 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.908 | 122 | 54060 | 45.988 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 10.137 | 93 | 81378 | 40.776 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.384 | 162 | 81376 | 44.182 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.596 | 180 | 96521 | 43.492 | ng | | 97 |
| 31) Naphthalene | 10.784 | 128 | 242195 | 42.733 | ng | | 99 |
| 32) Benzoic acid | 10.061 | 122 | 40554 | 29.843 | ng | # | 86 |
| 33) 4-Chloroaniline | 10.889 | 127 | 52268 | 23.124 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.066 | 225 | 81748 | 42.930 | ng | | 97 |
| 35) Caprolactam | 11.671 | 113 | 22674 | 34.184 | ng | # | 89 |
| 36) 4-Chloro-3-methylphenol | 12.023 | 107 | 89311 | 40.212 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.388 | 142 | 175136 | 41.236 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.605 | 142 | 162145 | 37.923 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.758 | 216 | 143715 | 51.448 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 12.734 | 237 | 39582 | 37.015 | ng | | 91 |
| 43) 2,4,6-Trichlorophenol | 12.999 | 196 | 85258 | 47.540 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061110.D
Acq On : 3 May 2024 17:32
Operator : MA/JU
Sample : P2354-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Quant Time: May 03 19:19:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.075 | 196 | 92158 | 45.404 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.398 | 154 | 249001 | 46.396 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.439 | 162 | 198774 | 46.253 | ng | | 99 |
| 48) 2-Nitroaniline | 13.639 | 65 | 70361 | 44.121 | ng | | 99 |
| 49) Acenaphthylene | 14.285 | 152 | 317525 | 48.106 | ng | | 99 |
| 50) Dimethylphthalate | 14.021 | 163 | 265596 | 41.081 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.139 | 165 | 53271 | 38.522 | ng | | 99 |
| 52) Acenaphthene | 14.626 | 154 | 179451 | 43.581 | ng | | 97 |
| 53) 3-Nitroaniline | 14.468 | 138 | 41097 | 32.480 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.685 | 184 | 20024 | 22.071 | ng | | 96 |
| 55) Dibenzofuran | 14.967 | 168 | 303418 | 43.626 | ng | | 98 |
| 56) 4-Nitrophenol | 14.797 | 139 | 77928 | 76.208 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 14.932 | 165 | 77303 | 37.784 | ng | # | 89 |
| 58) Fluorene | 15.613 | 166 | 249788 | 41.505 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.196 | 232 | 90928 | 43.519 | ng | | 100 |
| 60) Diethylphthalate | 15.384 | 149 | 251566 | 38.586 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.607 | 204 | 149600 | 41.398 | ng | | 98 |
| 62) 4-Nitroaniline | 15.631 | 138 | 53258 | 38.808 | ng | | 90 |
| 63) Azobenzene | 15.901 | 77 | 210906 | 41.556 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.696 | 198 | 17670 | 14.859 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.825 | 169 | 222263 | 46.763 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.500 | 248 | 106285 | 47.073 | ng | | 95 |
| 68) Hexachlorobenzene | 16.624 | 284 | 127675 | 45.432 | ng | | 97 |
| 69) Atrazine | 16.777 | 200 | 96646 | 49.306 | ng | | 95 |
| 70) Pentachlorophenol | 16.971 | 266 | 140118 | 81.159 | ng | | 96 |
| 71) Phenanthrene | 17.358 | 178 | 397397 | 45.345 | ng | | 99 |
| 72) Anthracene | 17.446 | 178 | 407865 | 46.641 | ng | | 100 |
| 73) Carbazole | 17.717 | 167 | 339388 | 44.141 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.281 | 149 | 381953 | 41.777 | ng | | 99 |
| 75) Fluoranthene | 19.368 | 202 | 503101 | 41.904 | ng | | 99 |
| 77) Benzidine | 19.550 | 184 | 262349 | 71.383 | ng | | 97 |
| 78) Pyrene | 19.732 | 202 | 516112 | 42.884 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.625 | 149 | 165926 | 43.554 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.553 | 228 | 550950 | 44.477 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.471 | 252 | 168632 | 37.827 | ng | | 98 |
| 83) Chrysene | 21.618 | 228 | 526586 | 45.373 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.471 | 149 | 233255 | 46.888 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.652 | 149 | 410012 | 46.715 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.240 | 276 | 355867 | 32.370 | ng | # | 56 |
| 88) Benzo(b)fluoranthene | 23.710 | 252 | 417528 | 45.041 | ng | | 97 |
| 89) Benzo(k)fluoranthene | 23.774 | 252 | 528996 | 59.317 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.550 | 252 | 410749 | 50.860 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.298 | 278 | 308546 | 33.890 | ng | # | 98 |
| 92) Benzo(g,h,i)perylene | 29.338 | 276 | 192486 | 21.275 | ng | | 94 |

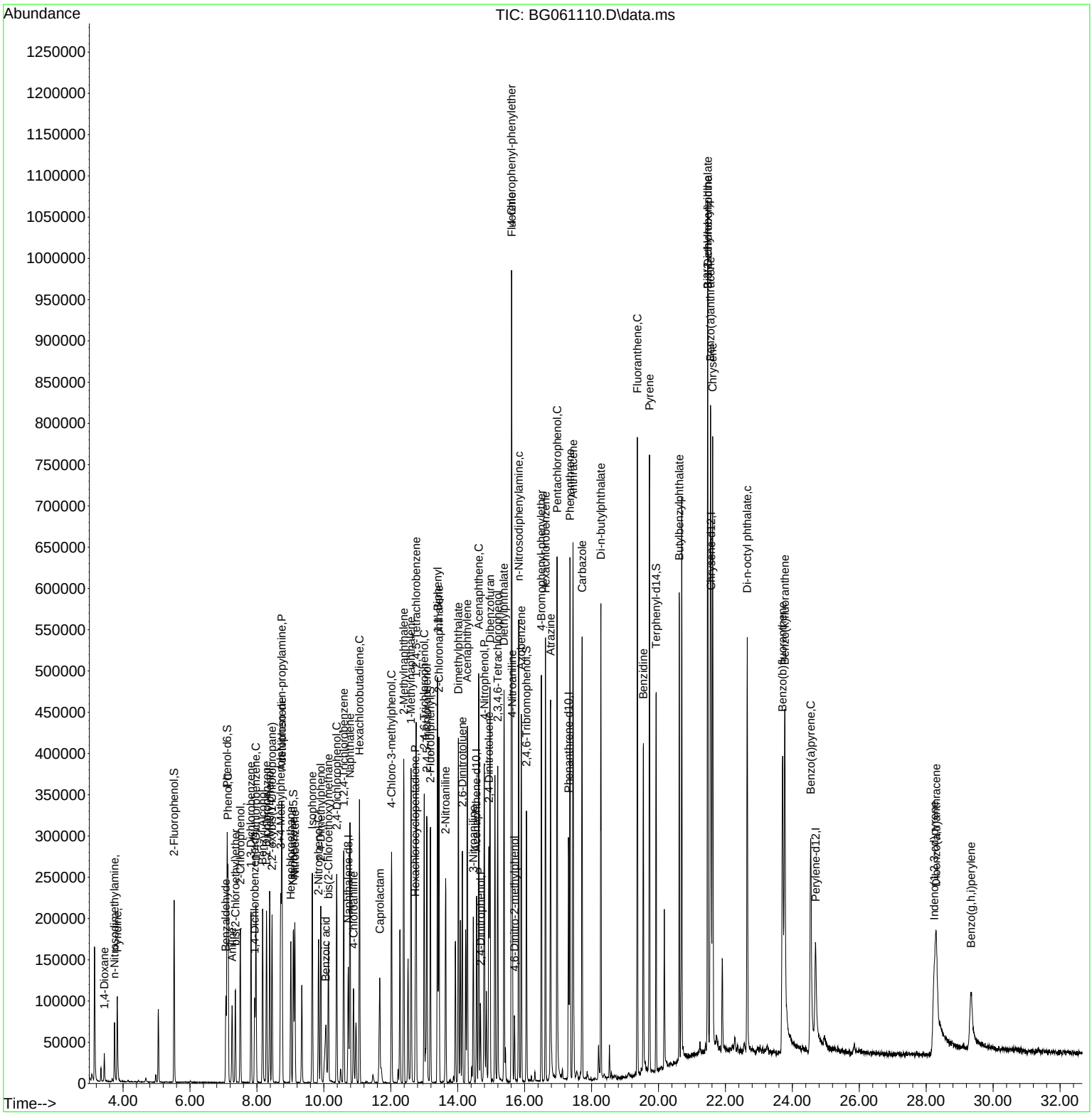
(#) = qualifier out of range (m) = manual integration (+) = signals summed

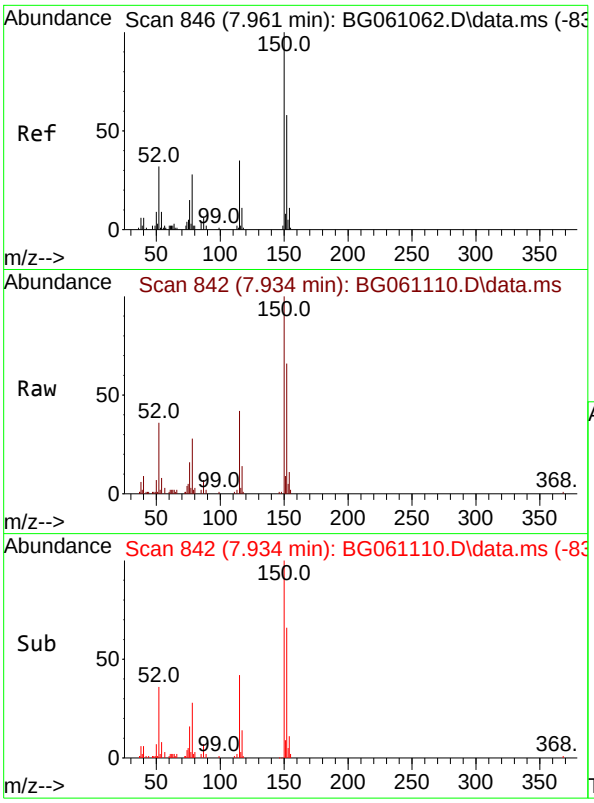
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061110.D
Acq On : 3 May 2024 17:32
Operator : MA/JU
Sample : P2354-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Quant Time: May 03 19:19:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



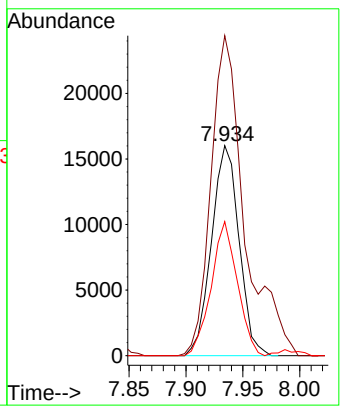


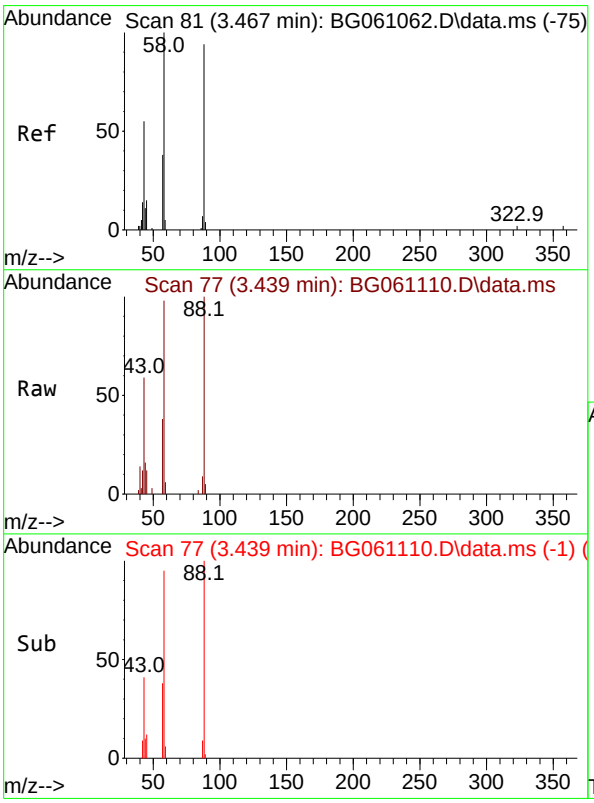

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:152 Resp: 26939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.3 | 138.3 | 207.5 |
| 115 | 63.8 | 48.0 | 72.0 |

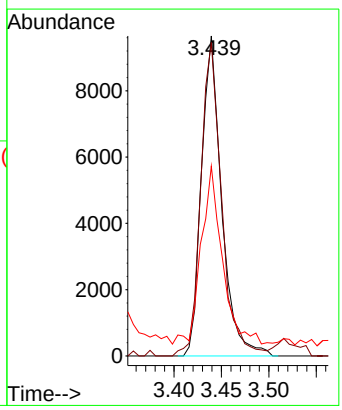


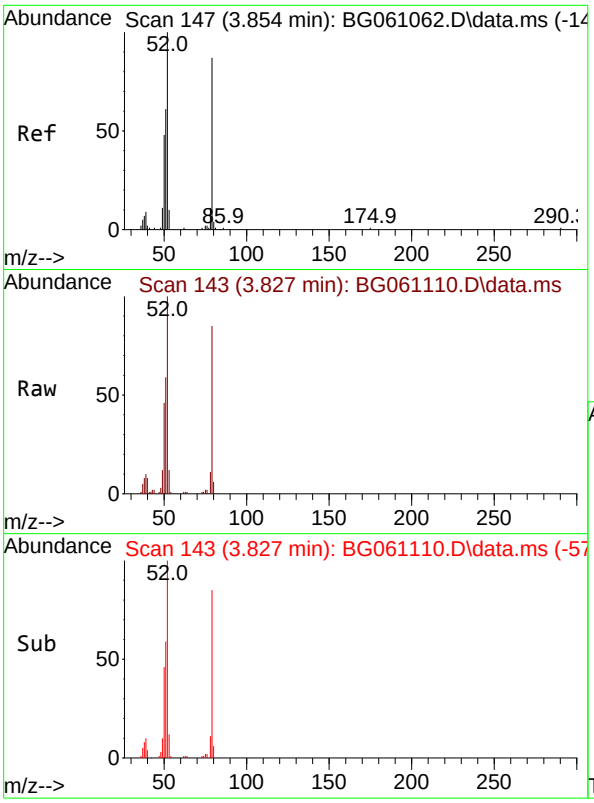




#2
1,4-Dioxane
Concen: 26.763 ng
RT: 3.439 min Scan# 77
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 88 Resp: 14334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 101.1 | 81.2 | 121.8 |
| 43 | 58.2 | 45.0 | 67.4 |



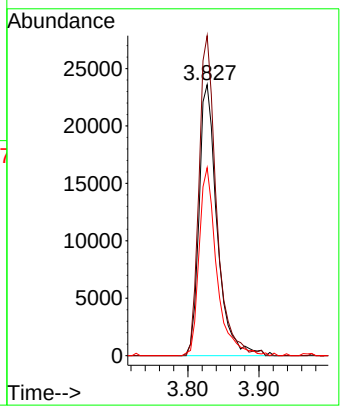


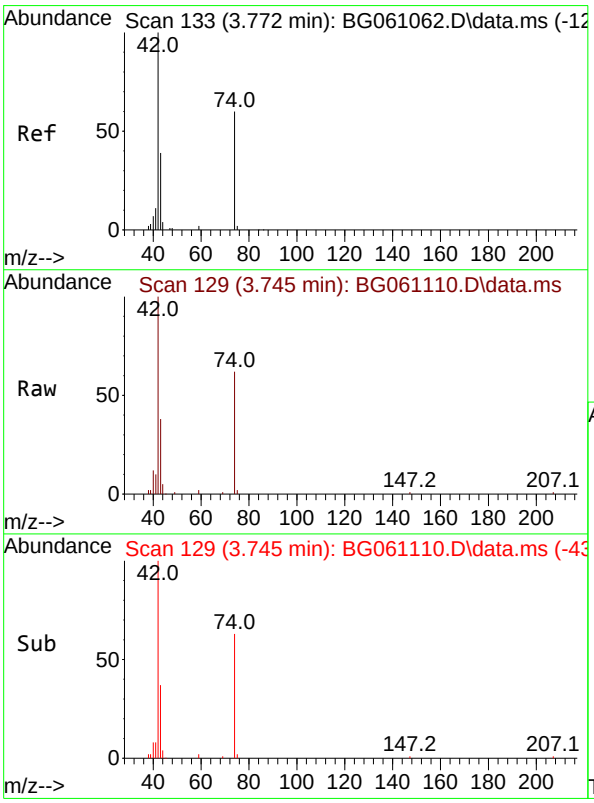

#3
Pyridine
Concen: 26.450 ng
RT: 3.827 min Scan# 14
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 79 Resp: 41685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 118.1 | 91.6 | 137.4 |
| 51 | 69.4 | 57.0 | 85.4 |

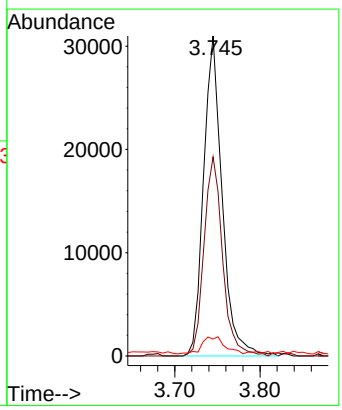


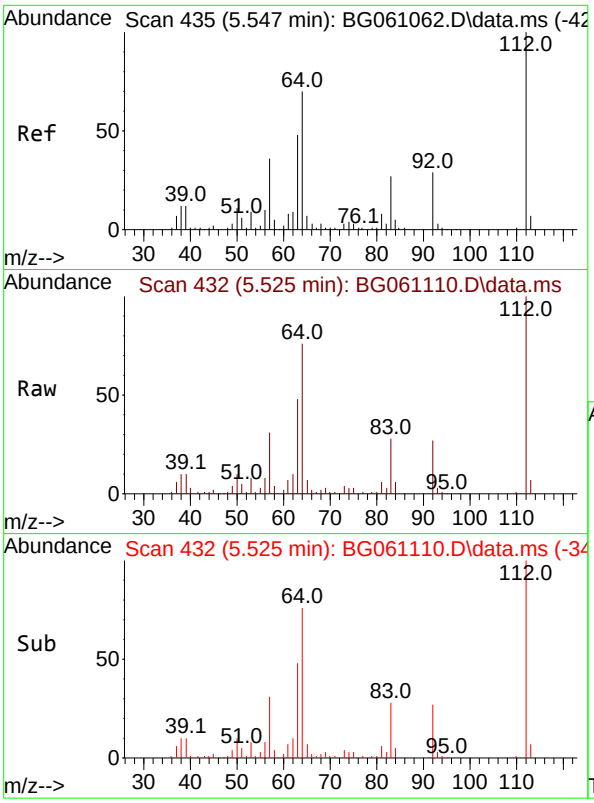




#4
n-Nitrosodimethylamine
Concen: 30.944 ng
RT: 3.745 min Scan# 129
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 42 Resp: 46855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 62.2 | 47.8 | 71.8 |
| 44 | 5.3 | 4.7 | 7.1 |



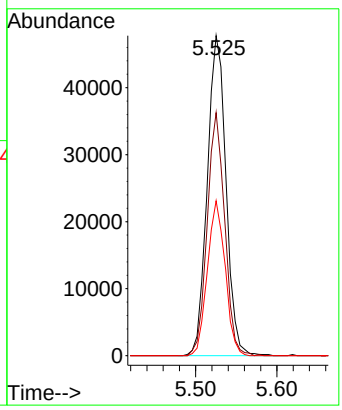


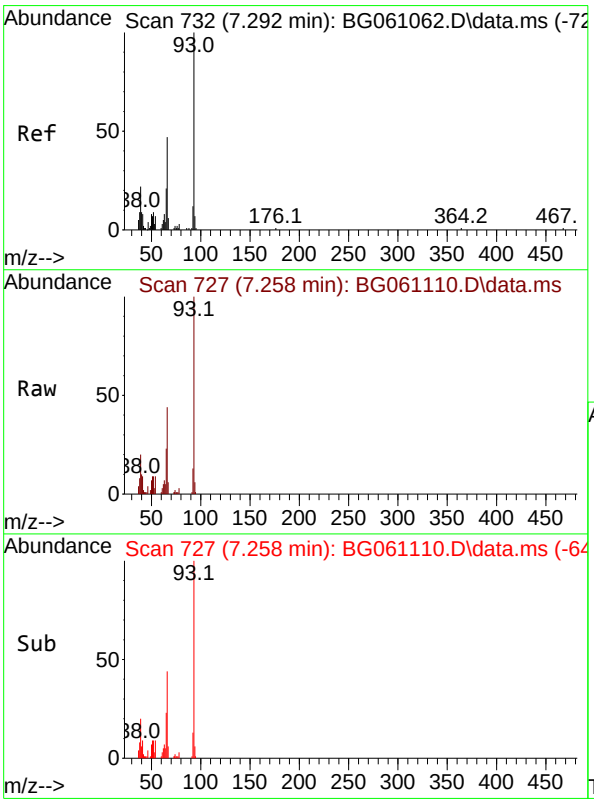

#5
2-Fluorophenol
Concen: 57.681 ng
RT: 5.525 min Scan# 4
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:112 Resp: 76404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 76.0 | 55.7 | 83.5 |
| 63 | 48.4 | 38.1 | 57.1 |

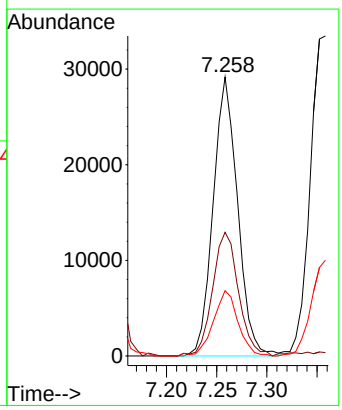


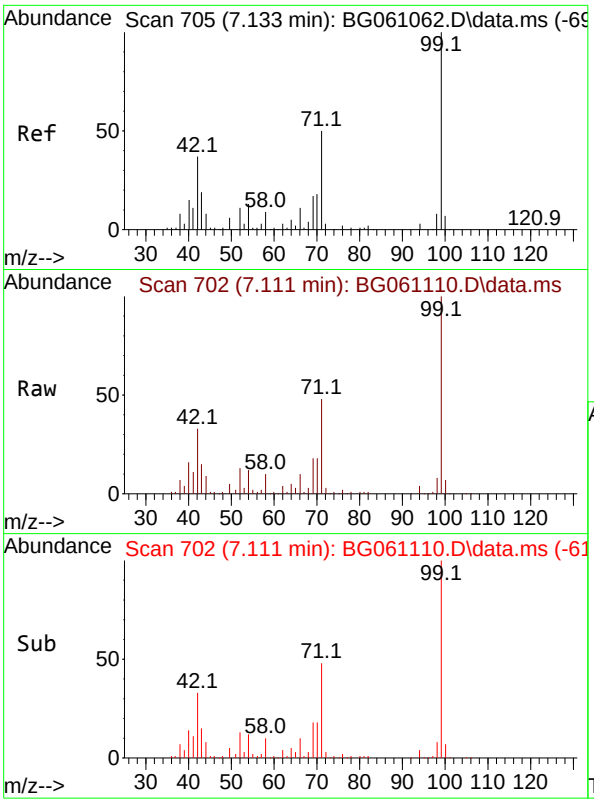




#6
Aniline
Concen: 25.368 ng
RT: 7.258 min Scan# 727
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 93 Resp: 49279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.4 | 37.4 | 56.0 |
| 65 | 23.4 | 16.6 | 24.8 |



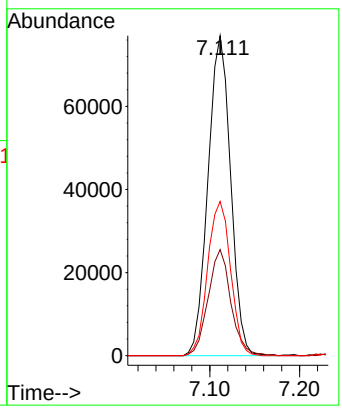


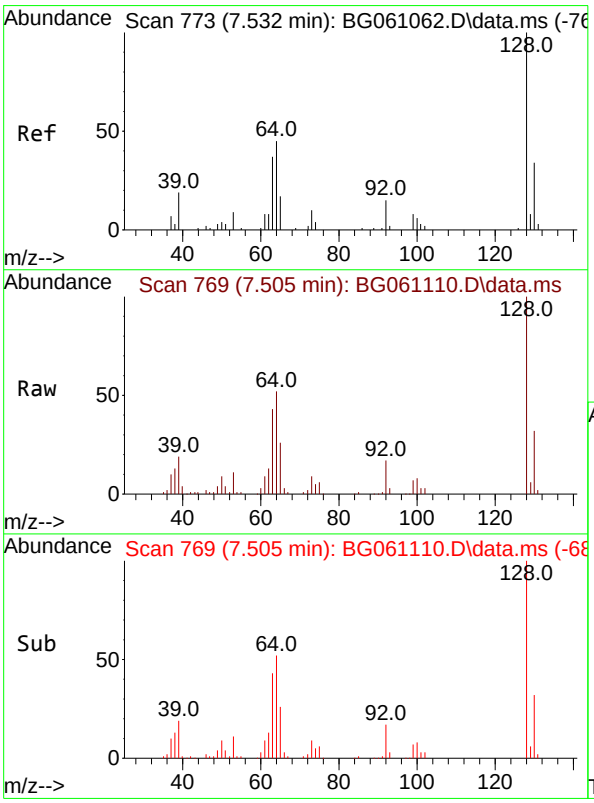

#7
Phenol-d6
Concen: 68.745 ng
RT: 7.111 min Scan# 7(
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 99 Resp: 134707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 33.1 | 29.2 | 43.8 |
| 71 | 48.2 | 39.7 | 59.5 |

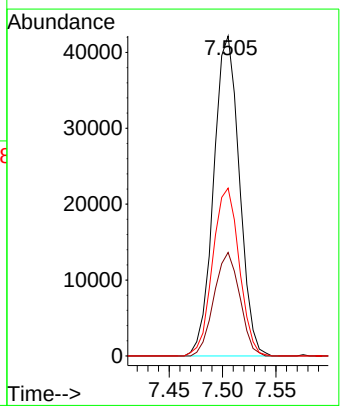


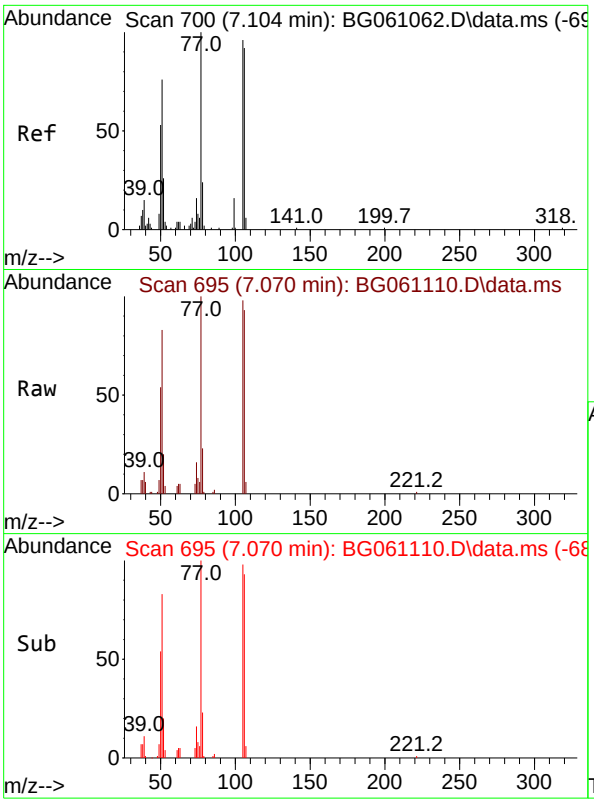




#8
2-Chlorophenol
Concen: 43.451 ng
RT: 7.505 min Scan# 769
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:128 Resp: 70611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 14.1 | 54.1 |
| 64 | 52.4 | 34.8 | 74.8 |



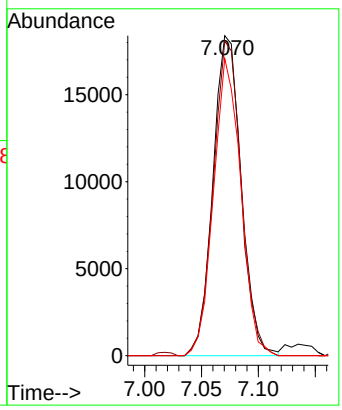


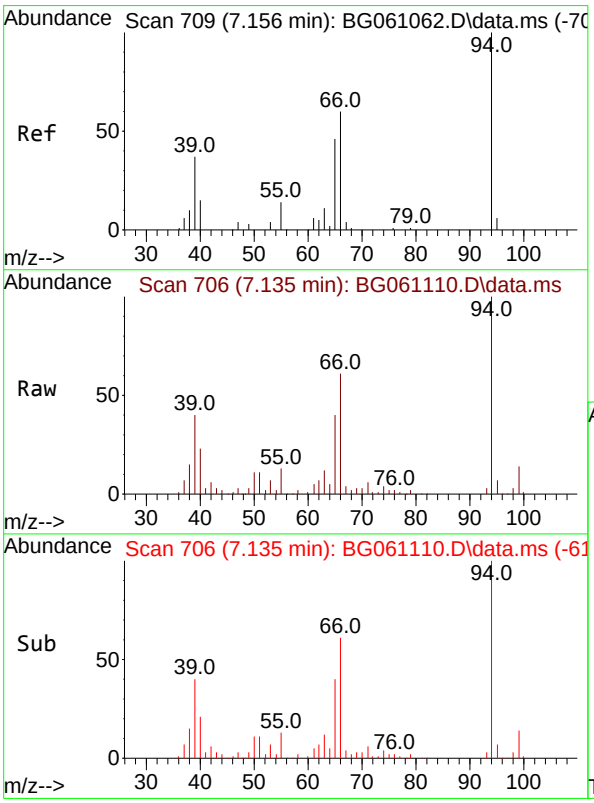

#9
Benzaldehyde
Concen: 28.073 ng
RT: 7.070 min Scan# 6
Delta R.T. -0.034 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 77 Resp: 31740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.3 | 76.0 | 116.0 |
| 106 | 92.9 | 72.3 | 112.3 |

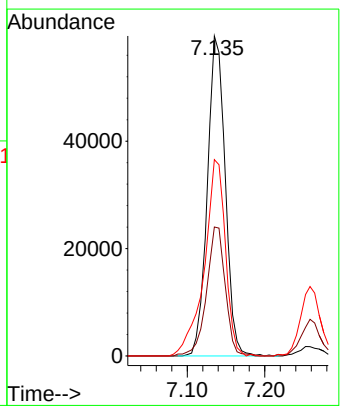


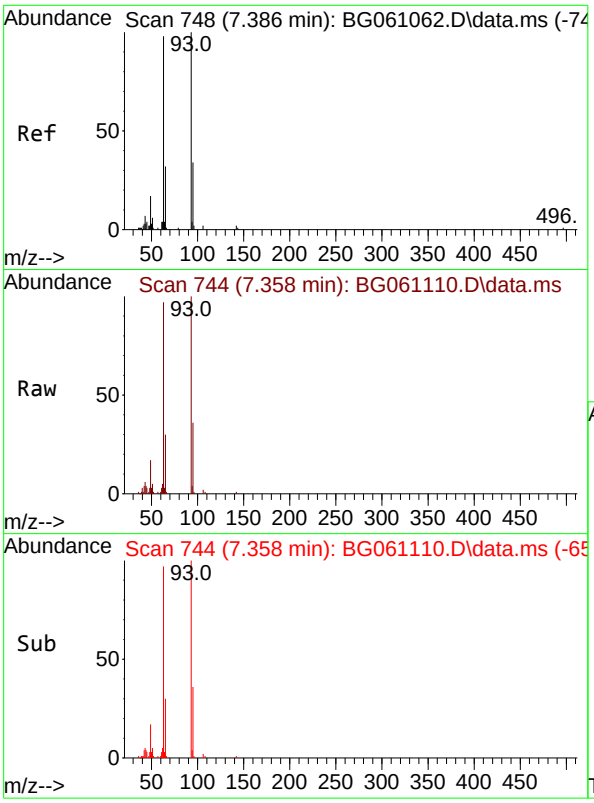




#10
Phenol
Concen: 47.949 ng
RT: 7.135 min Scan# 706
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 94 Resp: 95548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 40.3 | 26.8 | 66.8 |
| 66 | 61.4 | 44.7 | 84.7 |



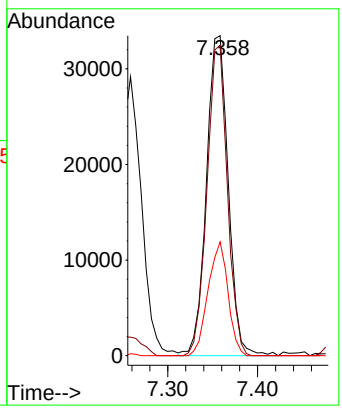


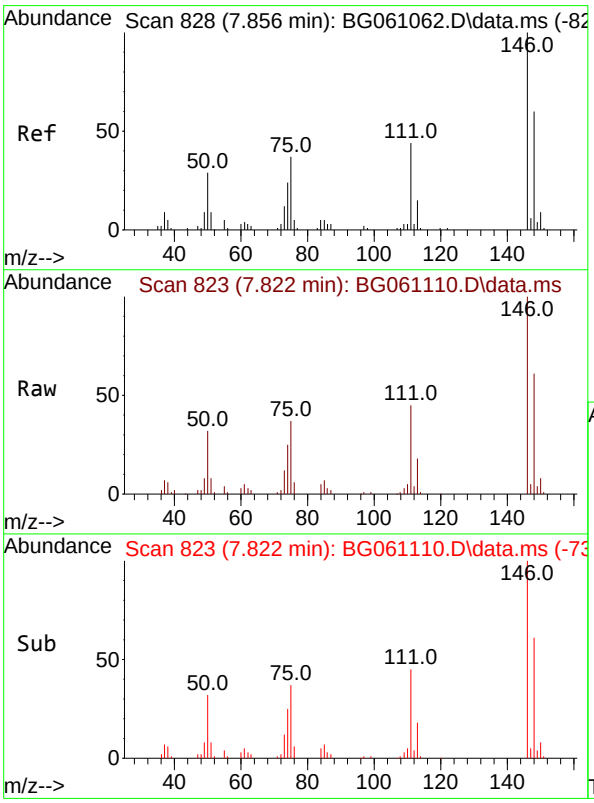

#11
bis(2-Chloroethyl)ether
Concen: 41.009 ng
RT: 7.358 min Scan# 74
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 93 Resp: 56455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 97.0 | 76.8 | 116.8 |
| 95 | 35.6 | 13.6 | 53.6 |

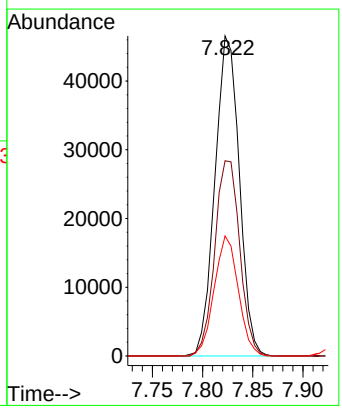


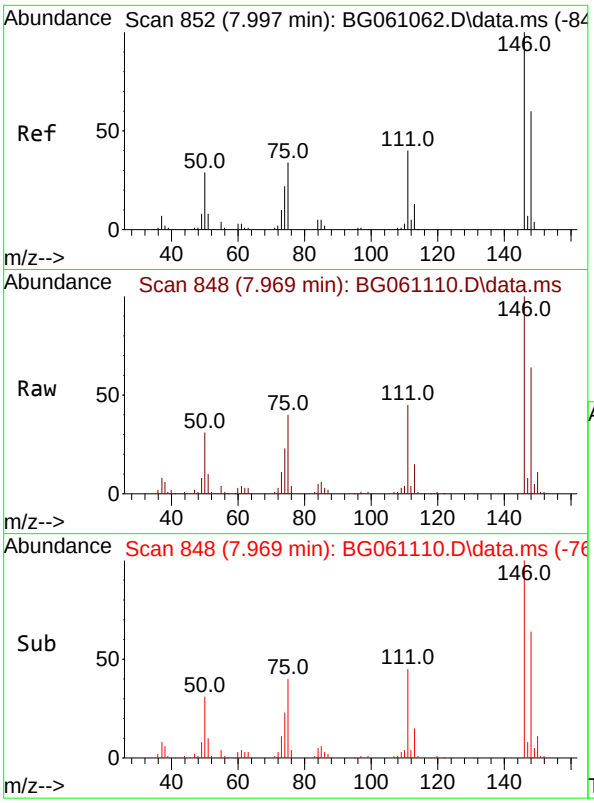




#12
1,3-Dichlorobenzene
Concen: 40.997 ng
RT: 7.822 min Scan# 823
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:146 Resp: 78542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.0 | 48.0 | 72.0 |
| 75 | 37.5 | 29.5 | 44.3 |



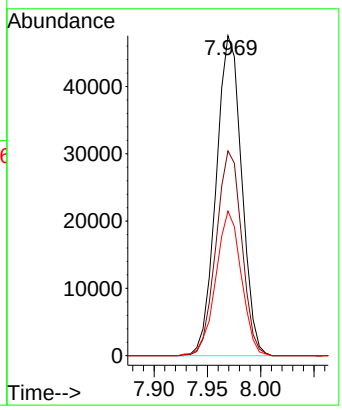


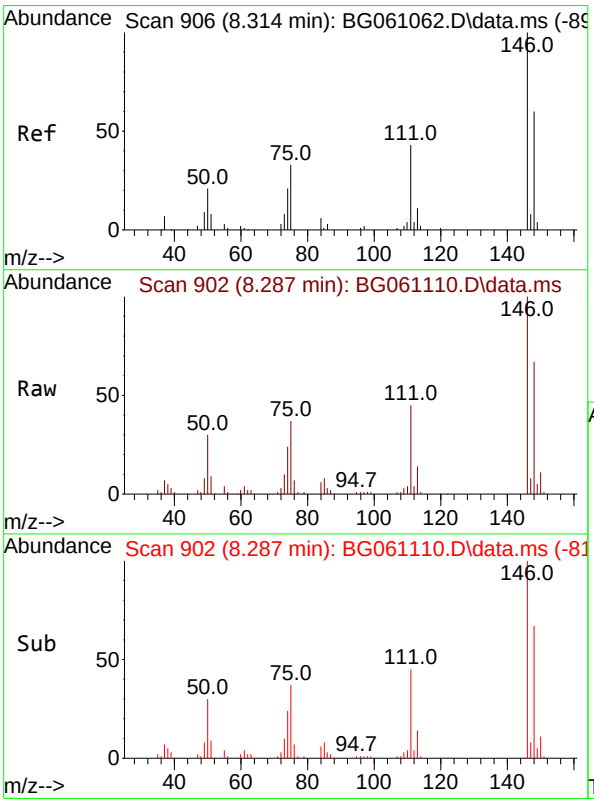

#13
1,4-Dichlorobenzene
Concen: 39.944 ng
RT: 7.969 min Scan# 84
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:146 Resp: 79090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 48.1 | 72.1 |
| 111 | 45.2 | 32.5 | 48.7 |

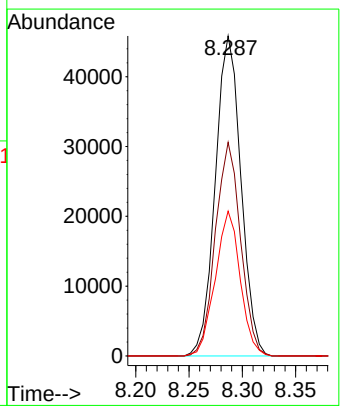


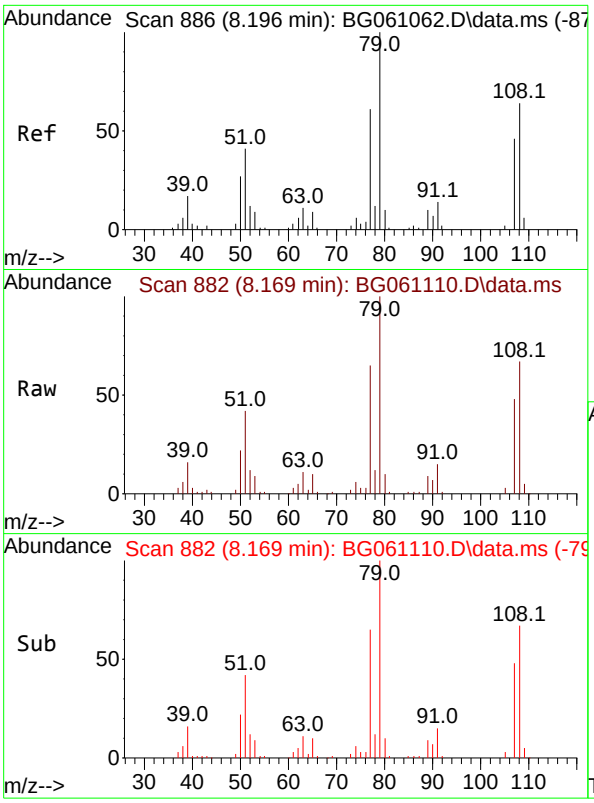




#14
1,2-Dichlorobenzene
Concen: 40.162 ng
RT: 8.287 min Scan# 902
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:146 Resp: 76721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.8 | 48.2 | 72.2 |
| 111 | 45.3 | 36.2 | 54.2 |



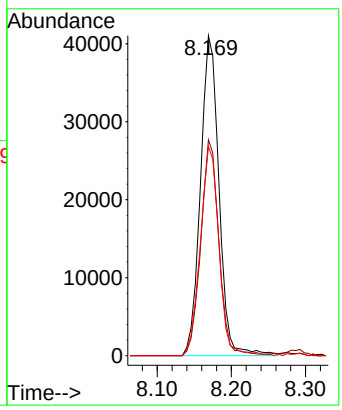


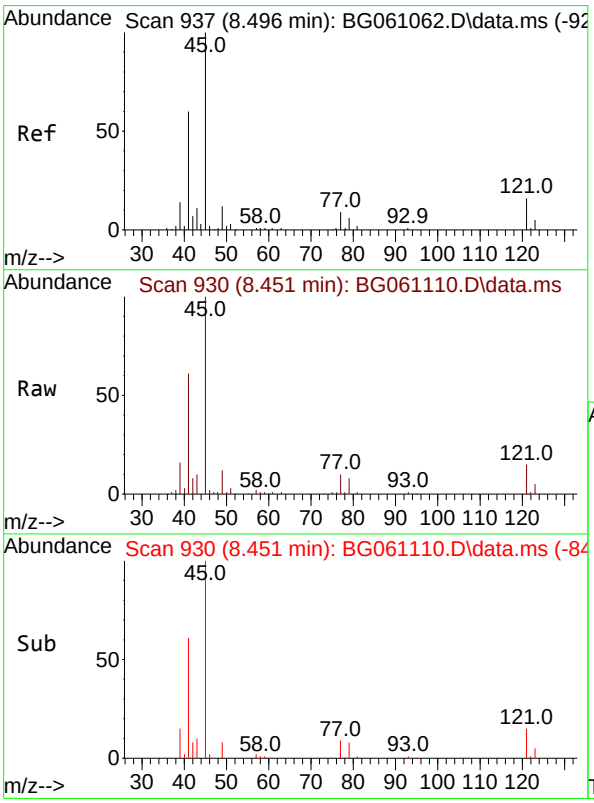

#15
Benzyl Alcohol
Concen: 40.301 ng
RT: 8.169 min Scan# 8
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 79 Resp: 71238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 67.4 | 51.1 | 76.7 |
| 77 | 65.3 | 49.0 | 73.6 |

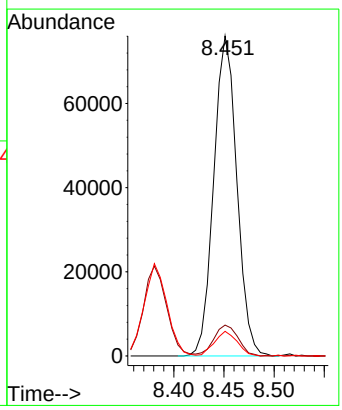


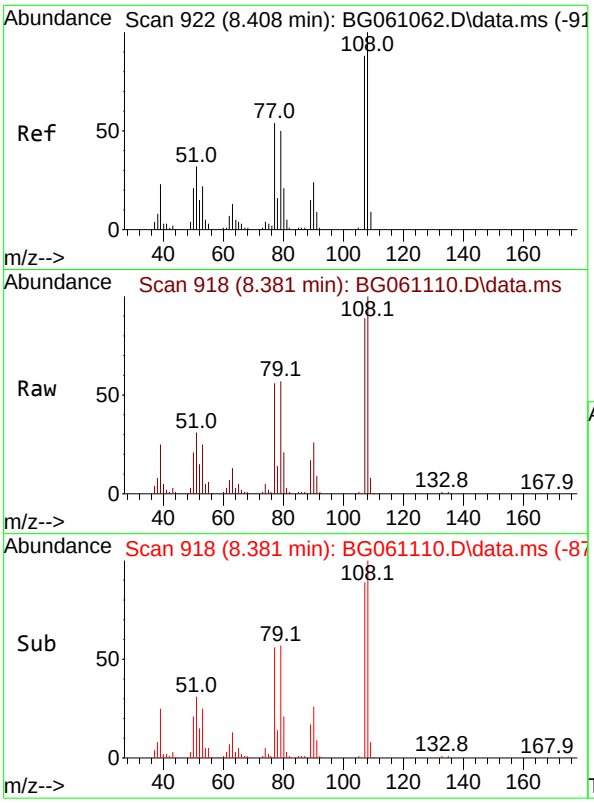




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.702 ng
RT: 8.451 min Scan# 930
Delta R.T. -0.045 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 45 Resp: 121582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.6 | 0.0 | 30.2 |
| 79 | 7.7 | 0.0 | 26.5 |



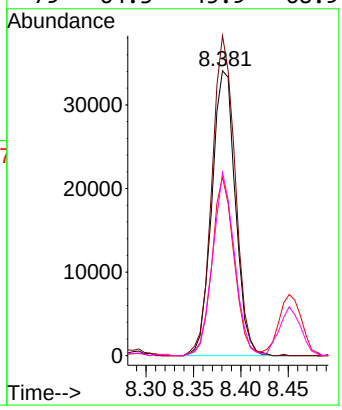


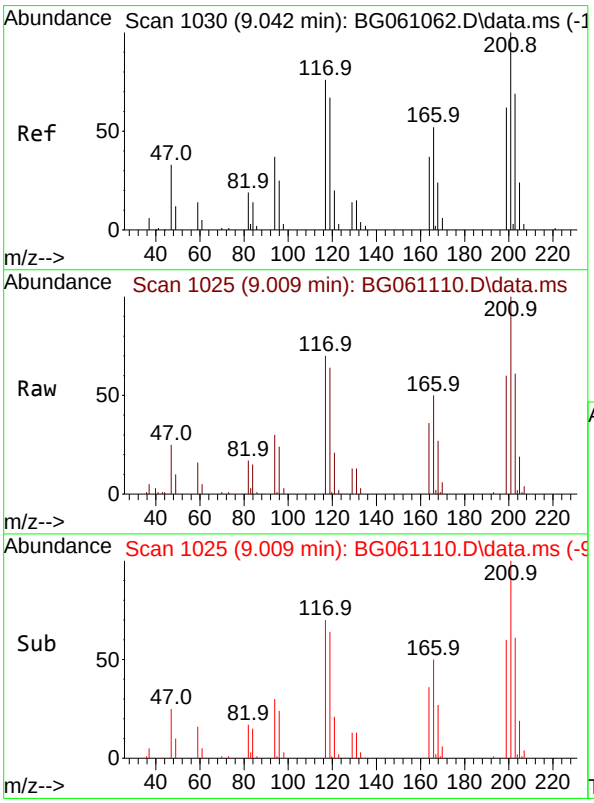

#17
2-Methylphenol
Concen: 41.364 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:107 Resp: 58740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.3 | 91.4 | 137.2 |
| 77 | 62.7 | 49.4 | 74.2 |
| 79 | 64.3 | 45.9 | 68.9 |

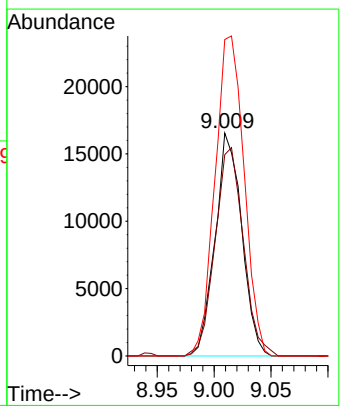


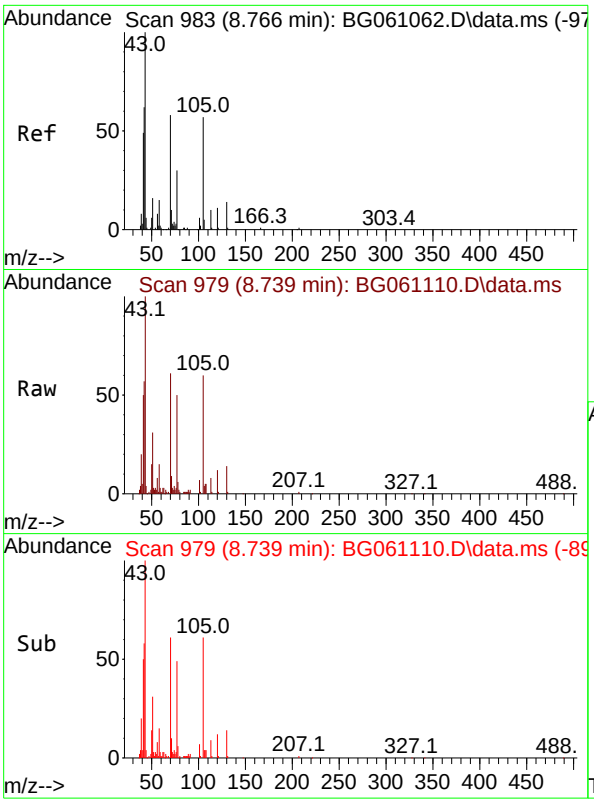




#18
Hexachloroethane
Concen: 38.154 ng
RT: 9.009 min Scan# 1025
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:117 Resp: 26956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.0 | 71.4 | 107.0 |
| 201 | 142.0 | 105.8 | 158.8 |



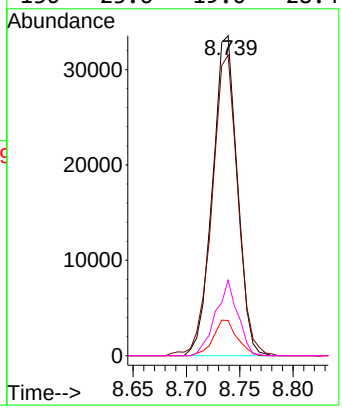


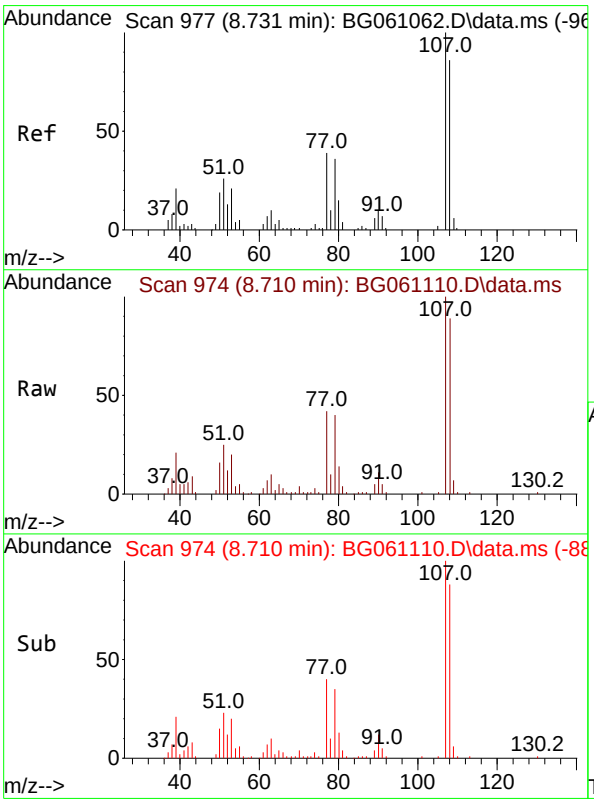

#19
n-Nitroso-di-n-propylamine
Concen: 36.886 ng
RT: 8.739 min Scan# 9
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 70 Resp: 54091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 93.9 | 86.4 | 129.6 |
| 101 | 11.0 | 7.8 | 11.8 |
| 130 | 23.6 | 19.0 | 28.4 |

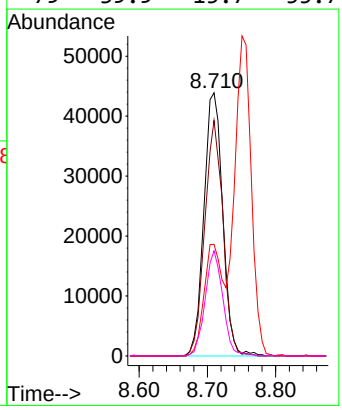


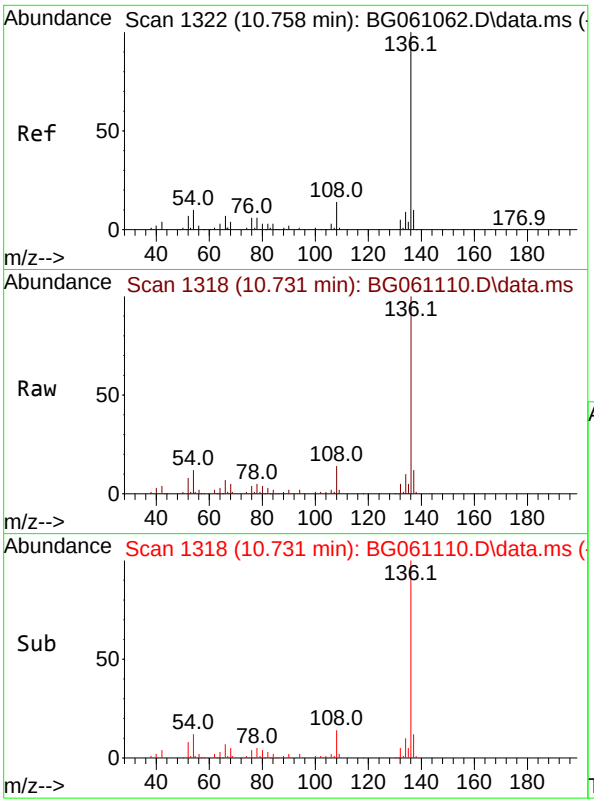




#20
3+4-Methylphenols
Concen: 41.245 ng
RT: 8.710 min Scan# 974
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:107 Resp: 84504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.5 | 65.7 | 105.7 |
| 77 | 42.5 | 19.4 | 59.4 |
| 79 | 39.9 | 15.7 | 55.7 |



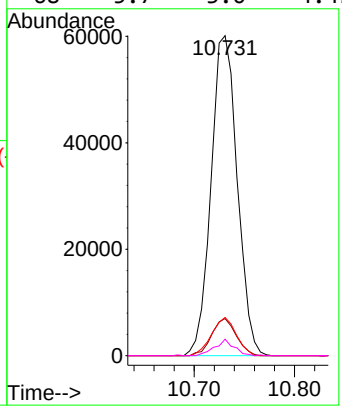


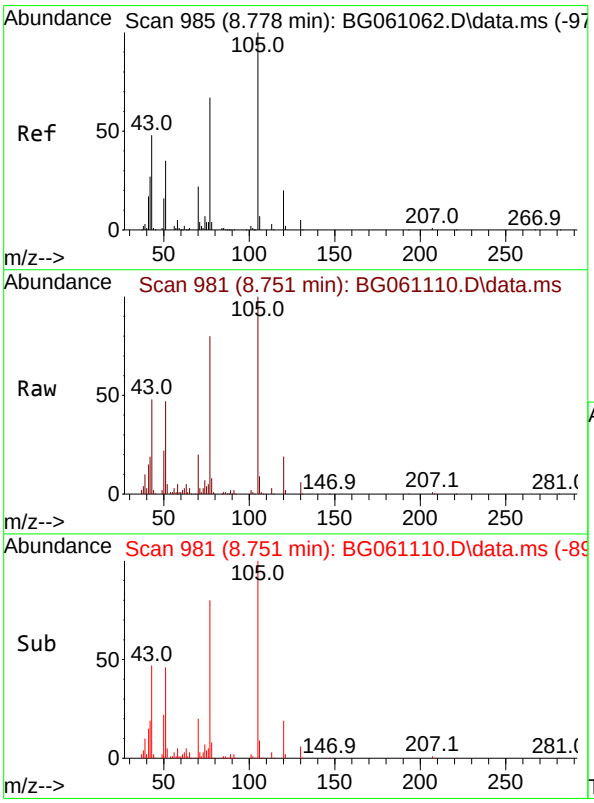

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:136 Resp: 109052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 7.8 | 11.6 |
| 54 | 13.1 | 8.1 | 12.1# |
| 68 | 5.7 | 3.0 | 4.4# |

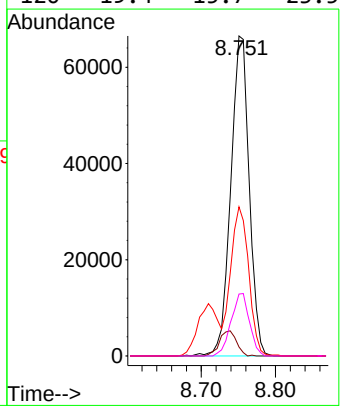


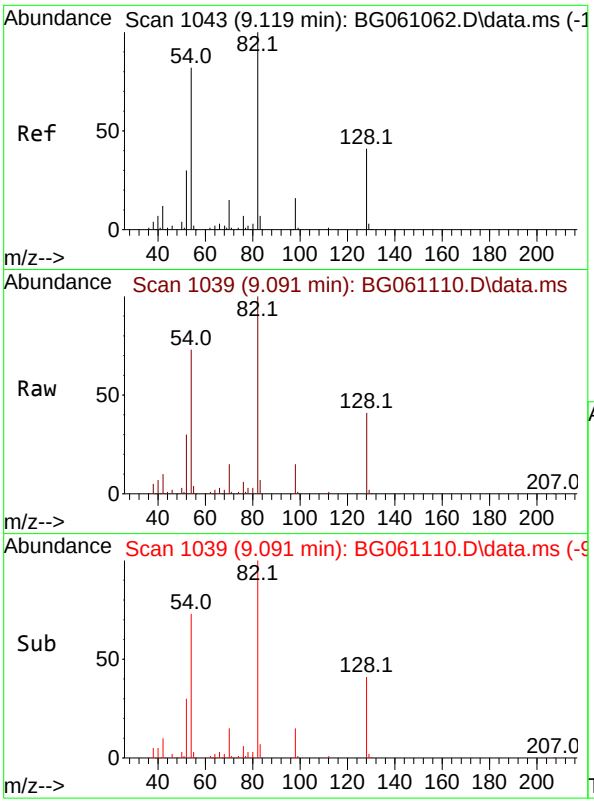




#22
Acetophenone
Concen: 42.238 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:105 Resp: 114713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.8 | 3.3 | 4.9# |
| 51 | 46.6 | 36.7 | 55.1 |
| 120 | 19.4 | 15.7 | 23.5 |



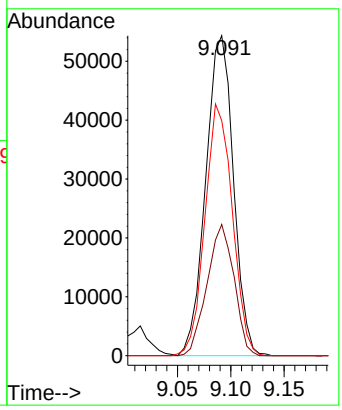


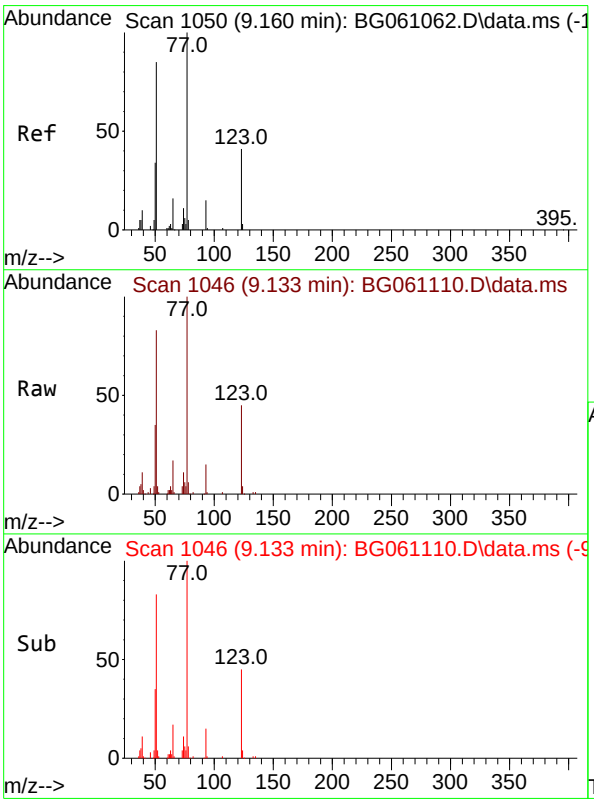

#23
Nitrobenzene-d5
Concen: 44.611 ng
RT: 9.091 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 82 Resp: 98139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.0 | 32.7 | 49.1 |
| 54 | 73.5 | 65.6 | 98.4 |

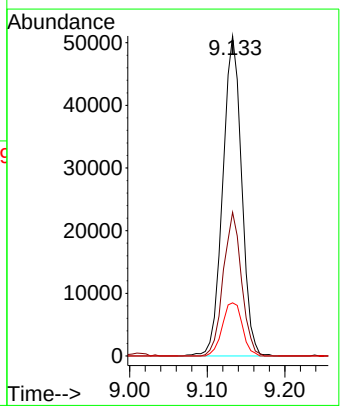


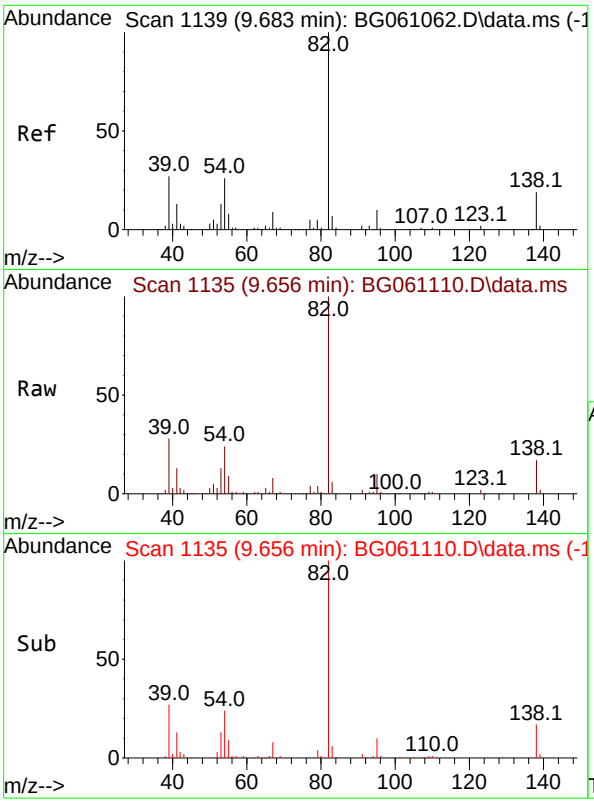




#24
Nitrobenzene
Concen: 40.140 ng
RT: 9.133 min Scan# 1046
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 77 Resp: 86384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.9 | 33.1 | 49.7 |
| 65 | 16.6 | 13.1 | 19.7 |



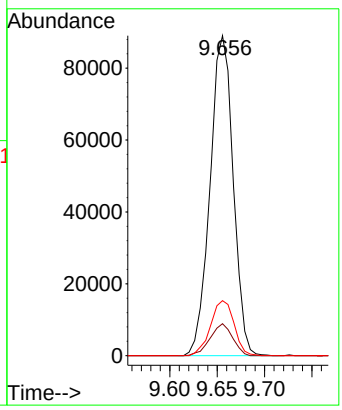


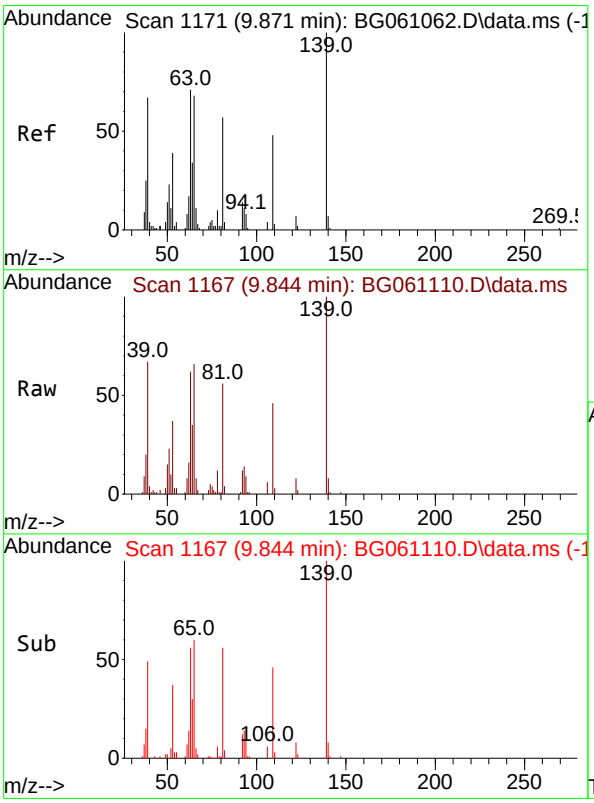

#25
Isophorone
Concen: 37.239 ng
RT: 9.656 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 82 Resp: 151429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 10.0 | 8.3 | 12.5 |
| 138 | 17.2 | 15.2 | 22.8 |

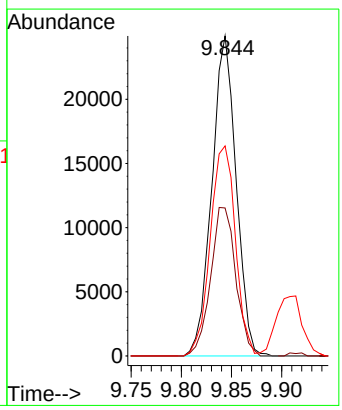


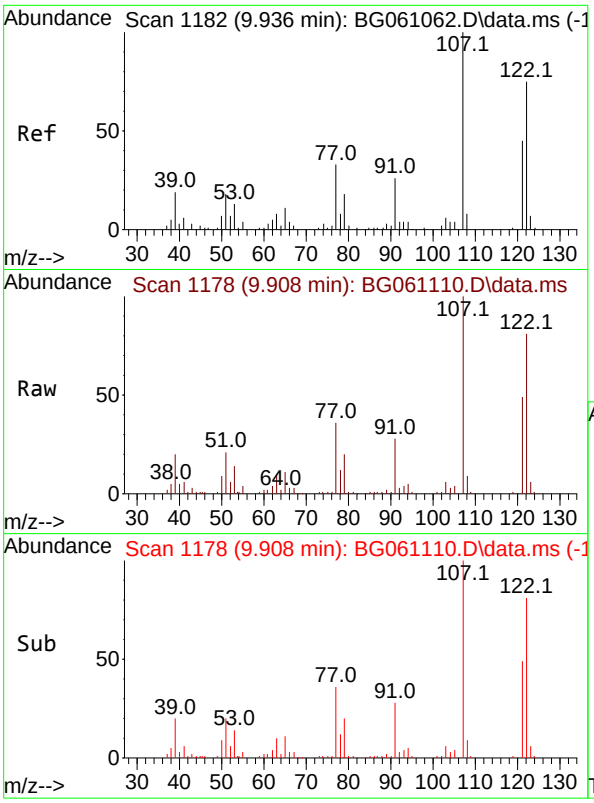




#26
2-Nitrophenol
Concen: 41.043 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:139 Resp: 41849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 46.3 | 38.5 | 57.7 |
| 65 | 65.7 | 54.5 | 81.7 |



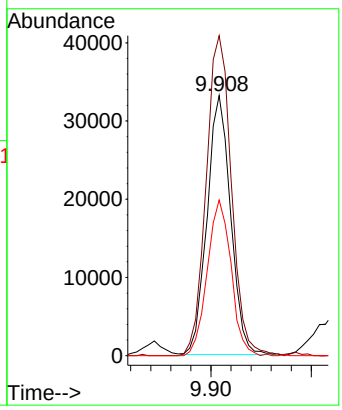


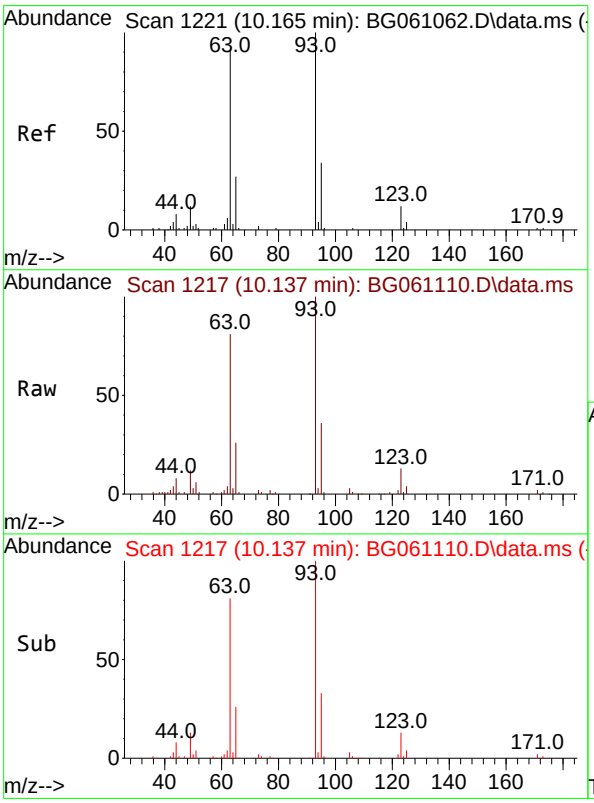

#27
2,4-Dimethylphenol
Concen: 45.988 ng
RT: 9.908 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:122 Resp: 54060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 123.0 | 106.9 | 160.3 |
| 121 | 59.8 | 48.5 | 72.7 |

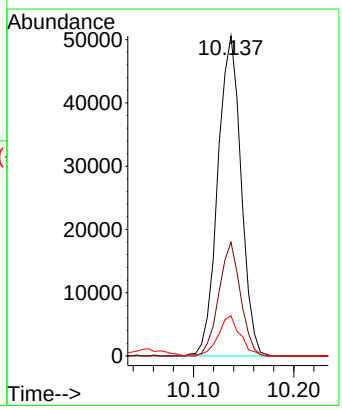


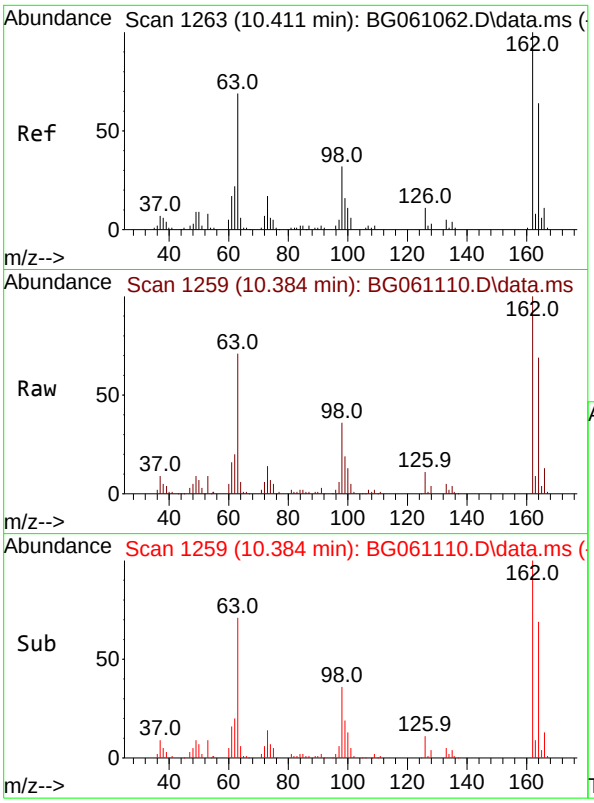




#28
bis(2-Chloroethoxy)methane
Concen: 40.776 ng
RT: 10.137 min Scan# 1217
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 93 Resp: 81378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 35.5 | 27.4 | 41.0 |
| 123 | 12.5 | 9.7 | 14.5 |



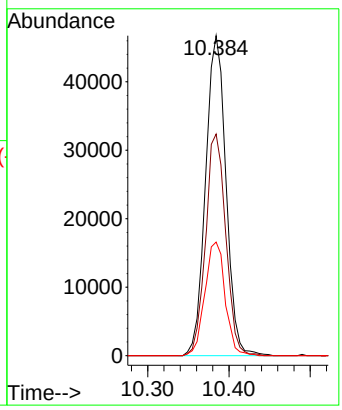


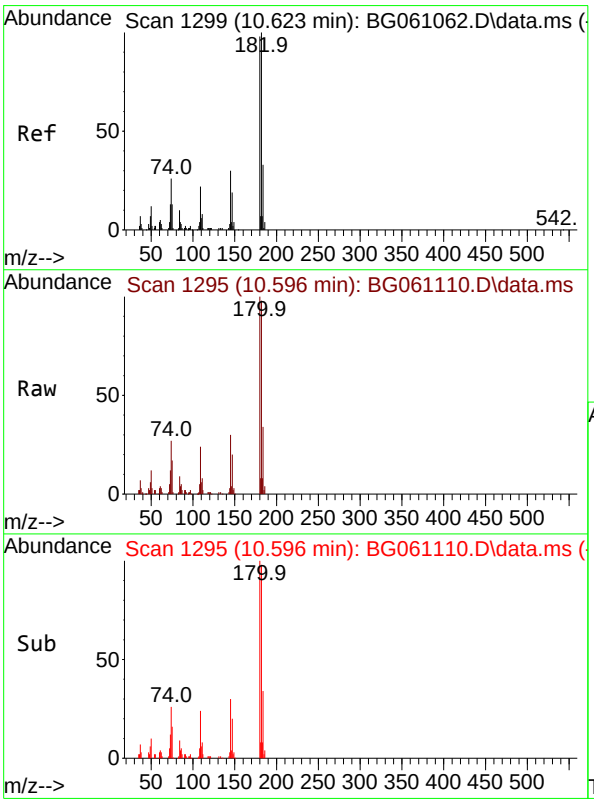

#29
2,4-Dichlorophenol
Concen: 44.182 ng
RT: 10.384 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:162 Resp: 81376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 69.2 | 43.6 | 83.6 |
| 98 | 35.5 | 12.3 | 52.3 |

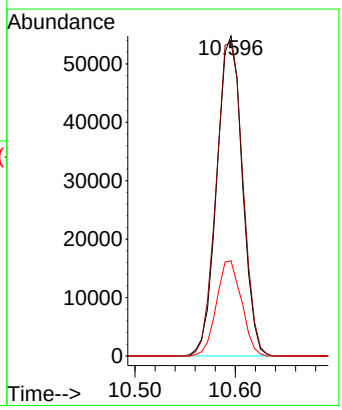


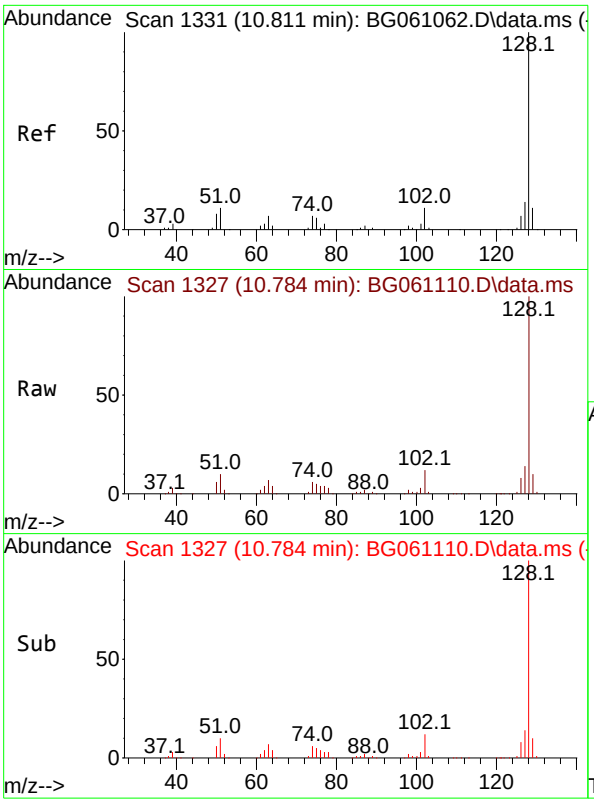




#30
1,2,4-Trichlorobenzene
Concen: 43.492 ng
RT: 10.596 min Scan# 1295
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:180 Resp: 96521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.2 | 81.7 | 122.5 |
| 145 | 29.8 | 24.5 | 36.7 |



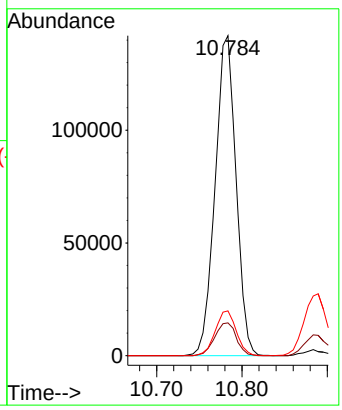


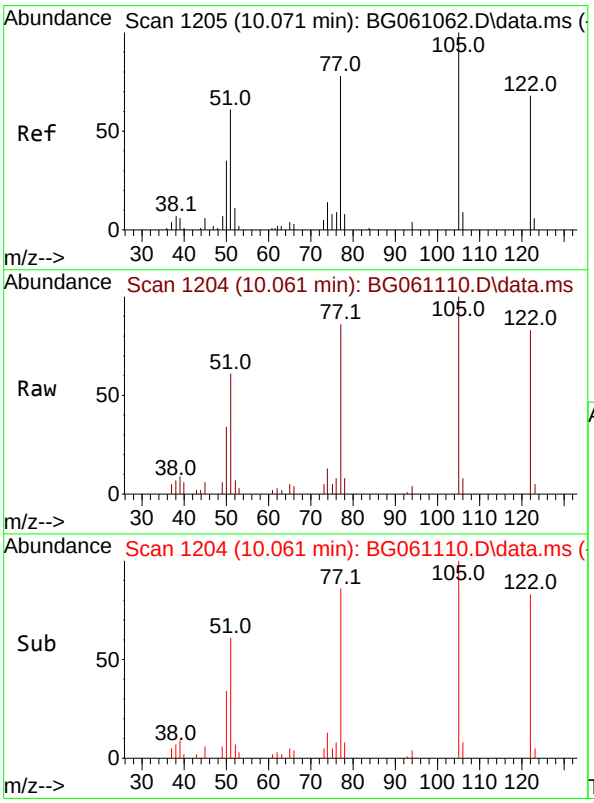

#31
Naphthalene
Concen: 42.733 ng
RT: 10.784 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:128 Resp: 242195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.3 | 8.9 | 13.3 |
| 127 | 14.0 | 11.1 | 16.7 |

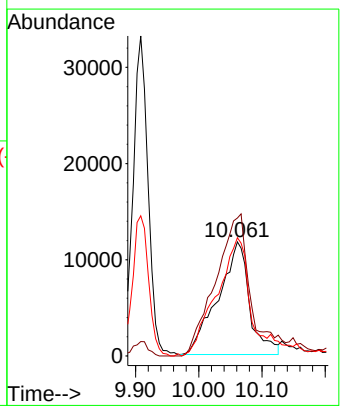


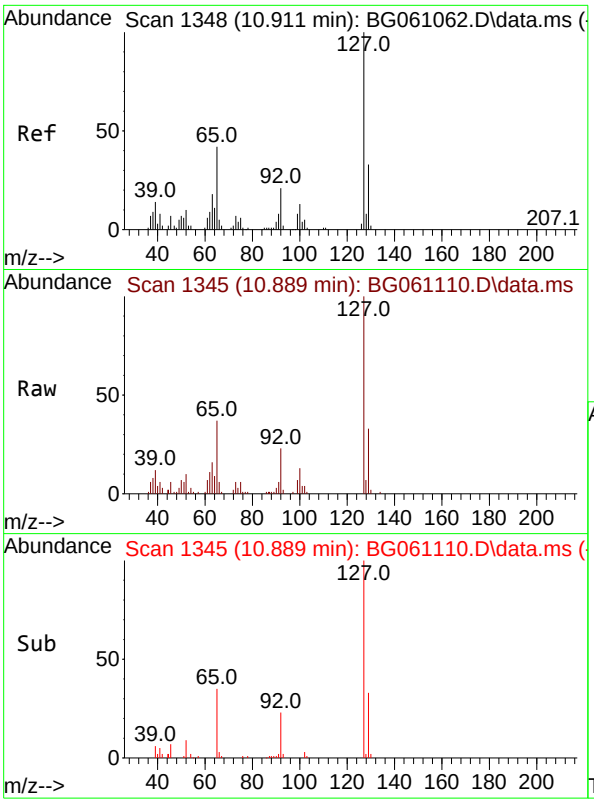




#32
Benzoic acid
Concen: 29.843 ng
RT: 10.061 min Scan# 1204
Delta R.T. -0.010 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:122 Resp: 40554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.9 | 123.3 | 163.3# |
| 77 | 103.7 | 93.2 | 133.2 |



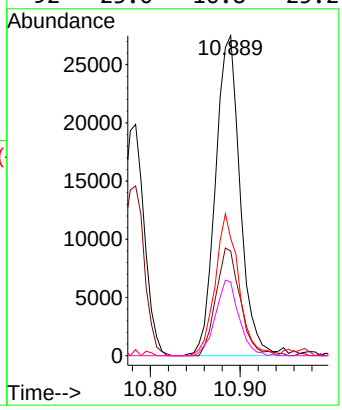


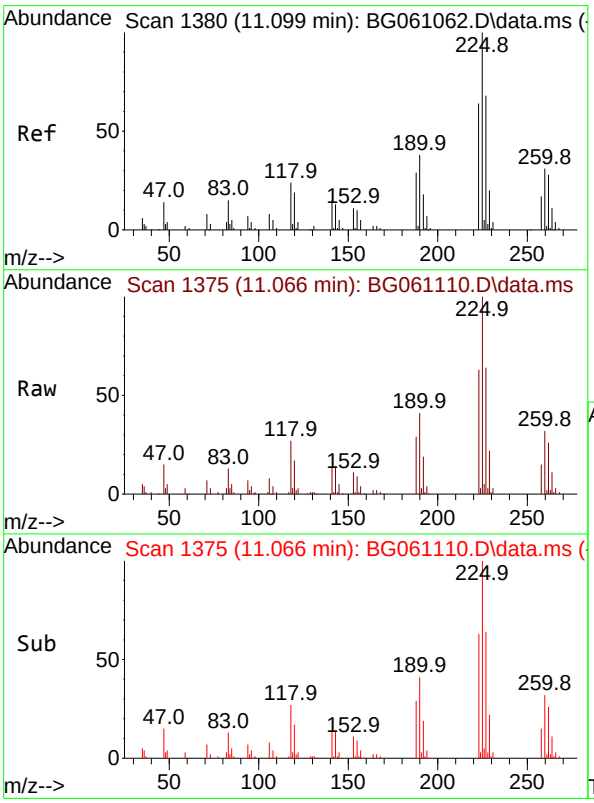

#33
4-Chloroaniline
Concen: 23.124 ng
RT: 10.889 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:127 Resp: 52268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.7 | 26.6 | 39.8 |
| 65 | 36.6 | 33.6 | 50.4 |
| 92 | 23.0 | 16.8 | 25.2 |

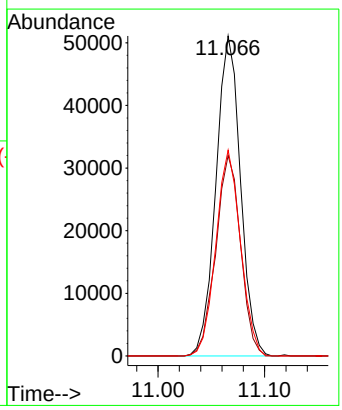


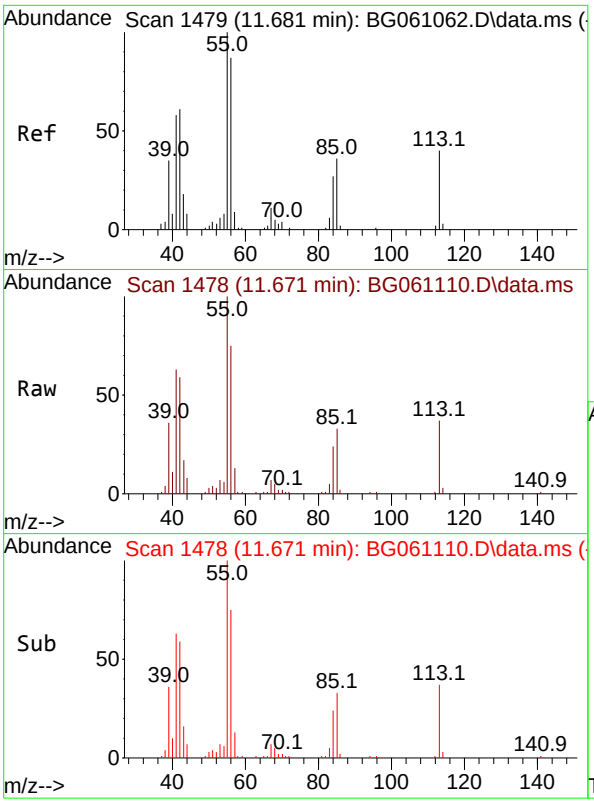




#34
Hexachlorobutadiene
Concen: 42.930 ng
RT: 11.066 min Scan# 1375
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:225 Resp: 81748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 51.0 | 76.4 |
| 227 | 64.3 | 54.6 | 82.0 |



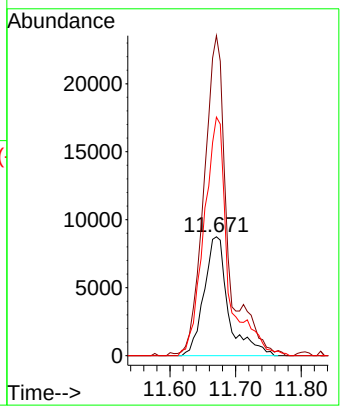


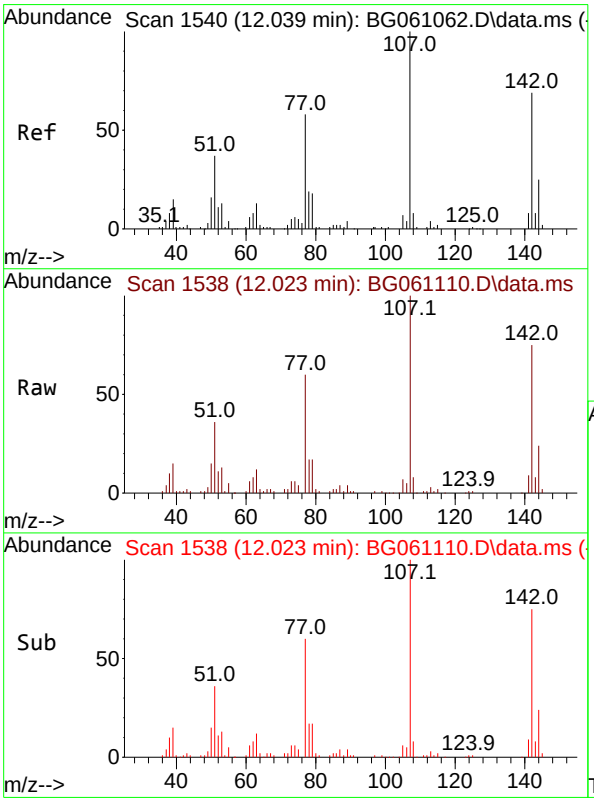

#35
Caprolactam
Concen: 34.184 ng
RT: 11.671 min Scan# 14
Delta R.T. -0.010 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:113 Resp: 22674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 269.2 | 227.6 | 267.6# |
| 56 | 200.6 | 195.1 | 235.1 |

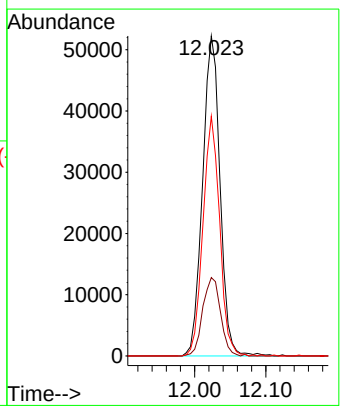


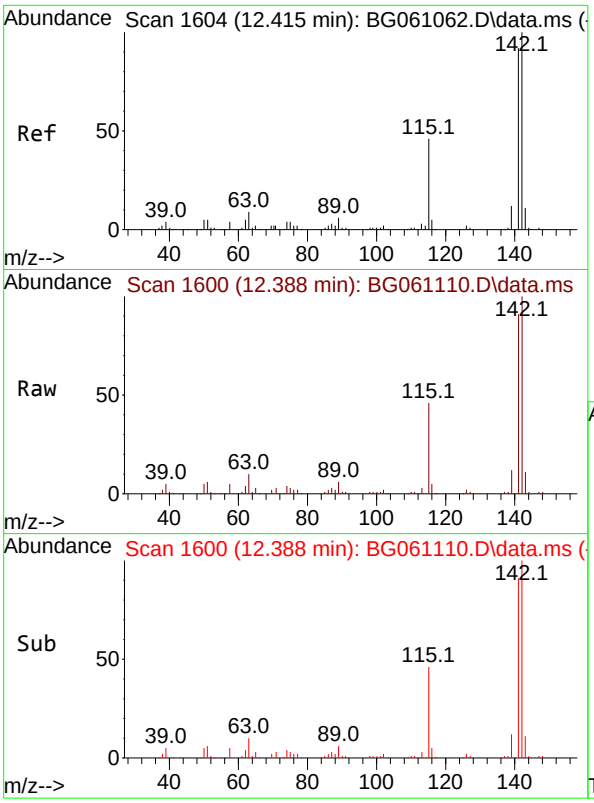




#36
4-Chloro-3-methylphenol
Concen: 40.212 ng
RT: 12.023 min Scan# 1538
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:107 Resp: 89311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.5 | 20.2 | 30.4 |
| 142 | 74.9 | 55.6 | 83.4 |



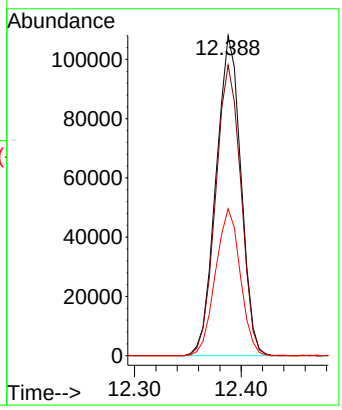


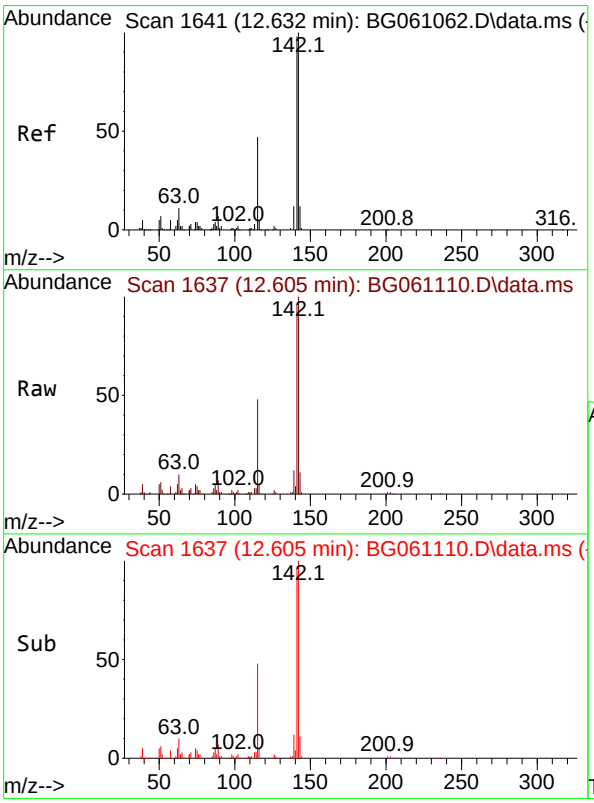

#37
2-Methylnaphthalene
Concen: 41.236 ng
RT: 12.388 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:142 Resp: 175136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 73.8 | 110.8 |
| 115 | 45.9 | 36.9 | 55.3 |

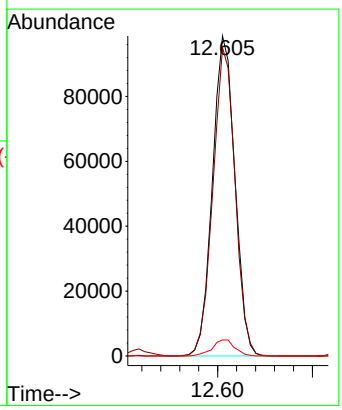


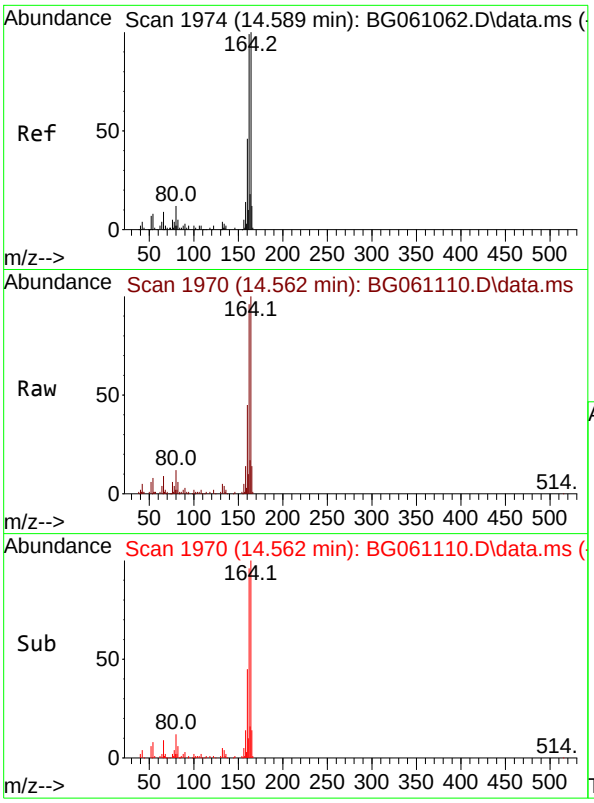




#38
1-Methylnaphthalene
Concen: 37.923 ng
RT: 12.605 min Scan# 1637
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:142 Resp: 162145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 96.4 | 78.4 | 117.6 |
| 116 | 5.0 | 4.3 | 6.5 |



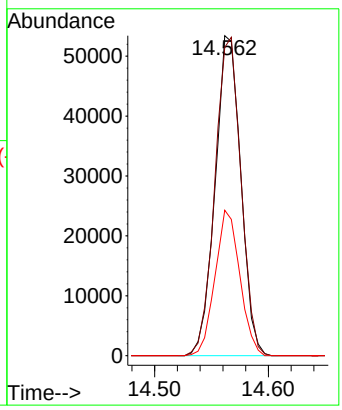


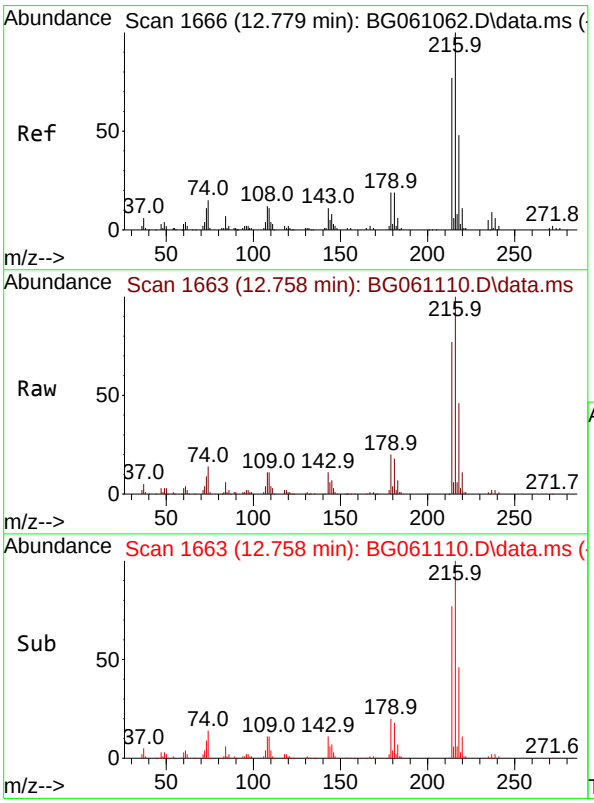

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:164 Resp: 83703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.4 | 79.4 | 119.2 |
| 160 | 45.5 | 37.0 | 55.6 |

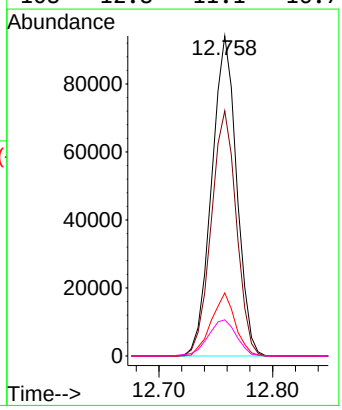


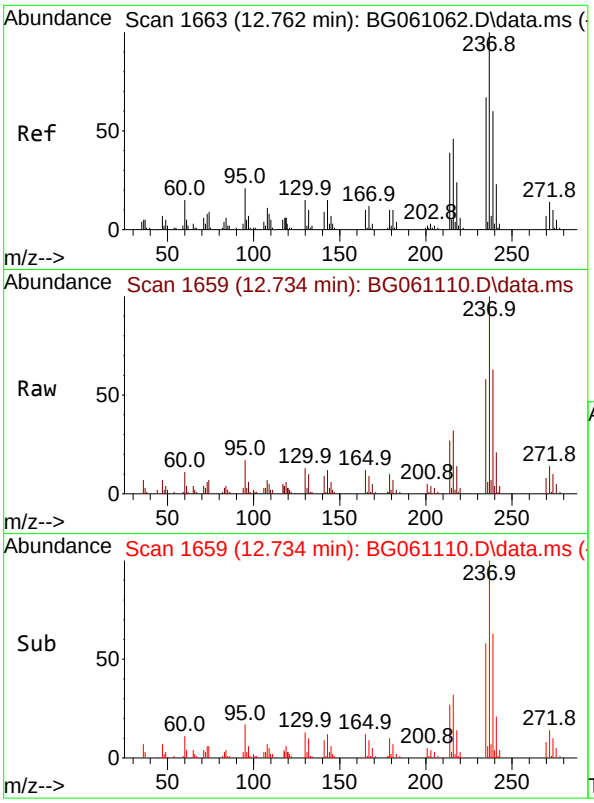




#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.448 ng
RT: 12.758 min Scan# 1663
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:216 Resp: 143715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.9 | 64.2 | 96.2 |
| 179 | 19.0 | 15.4 | 23.2 |
| 108 | 12.8 | 11.1 | 16.7 |



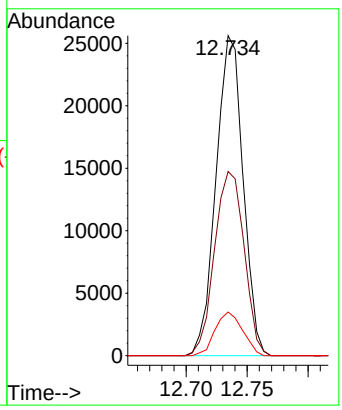


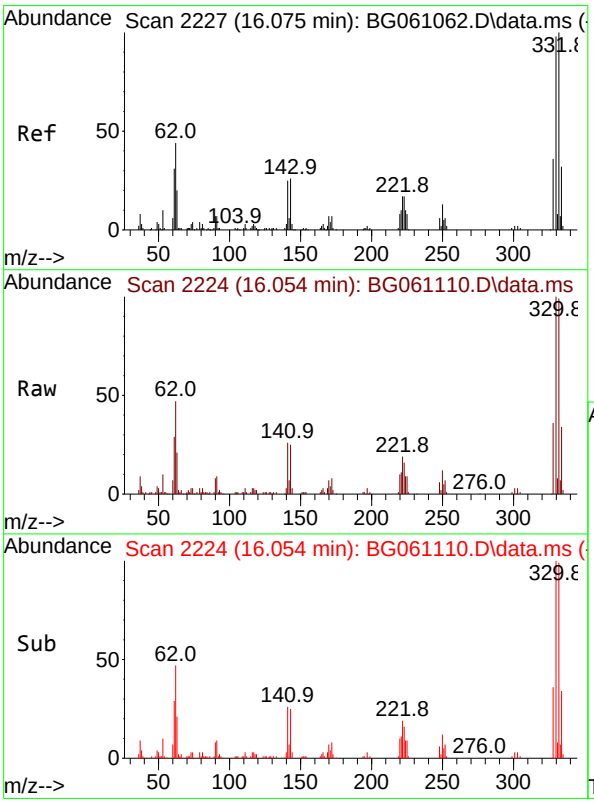

#41
Hexachlorocyclopentadiene
Concen: 37.015 ng
RT: 12.734 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:237 Resp: 39582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 57.6 | 46.5 | 86.5 |
| 272 | 13.7 | 0.0 | 33.9 |

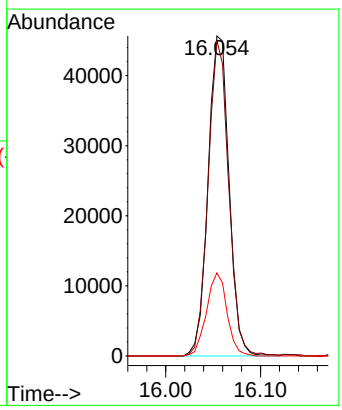


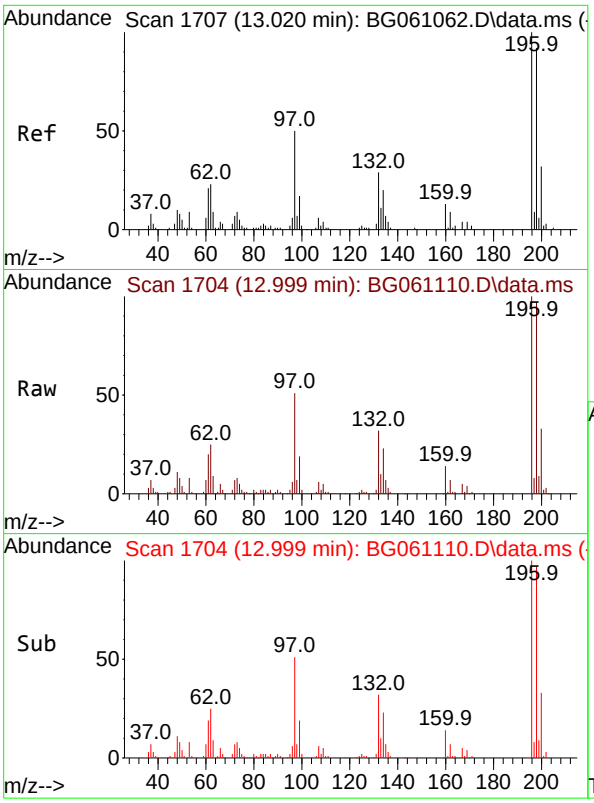




#42
2,4,6-Tribromophenol
Concen: 41.965 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:330 Resp: 70211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 78.6 | 117.8 |
| 141 | 25.3 | 20.5 | 30.7 |



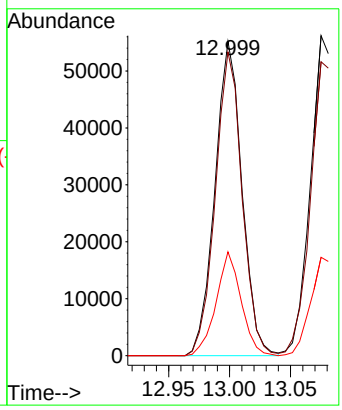


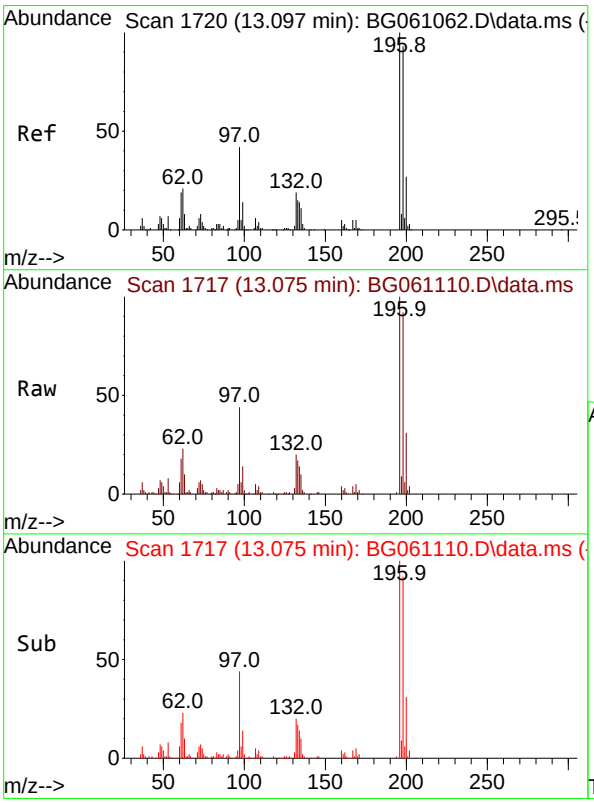

#43
2,4,6-Trichlorophenol
Concen: 47.540 ng
RT: 12.999 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:196 Resp: 85258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 73.8 | 110.6 |
| 200 | 33.1 | 25.5 | 38.3 |

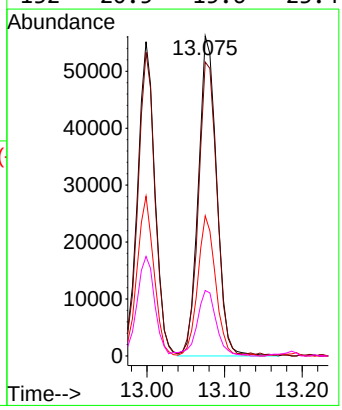


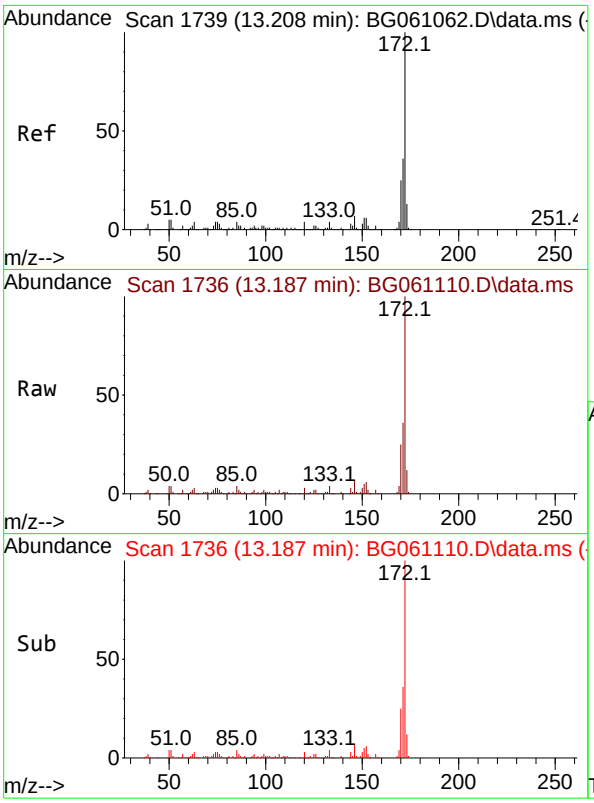




#44
2,4,5-Trichlorophenol
Concen: 45.404 ng
RT: 13.075 min Scan# 1717
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:196 Resp: 92158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.8 | 74.3 | 111.5 |
| 97 | 43.8 | 33.6 | 50.4 |
| 132 | 20.5 | 15.6 | 23.4 |



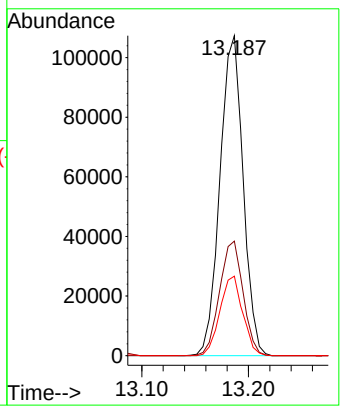


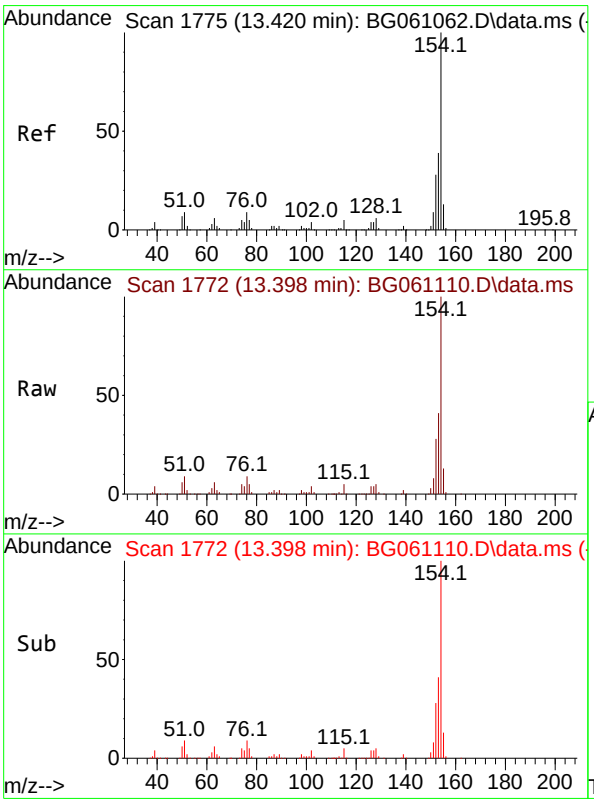

#45
2-Fluorobiphenyl
Concen: 28.594 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:172 Resp: 161856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.0 | 43.6 |
| 170 | 24.8 | 20.2 | 30.4 |

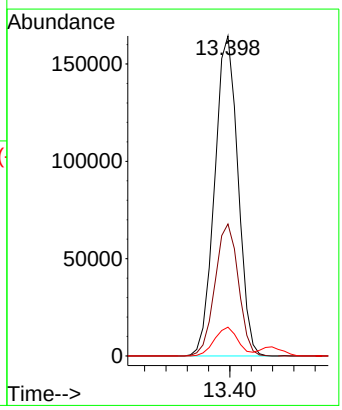


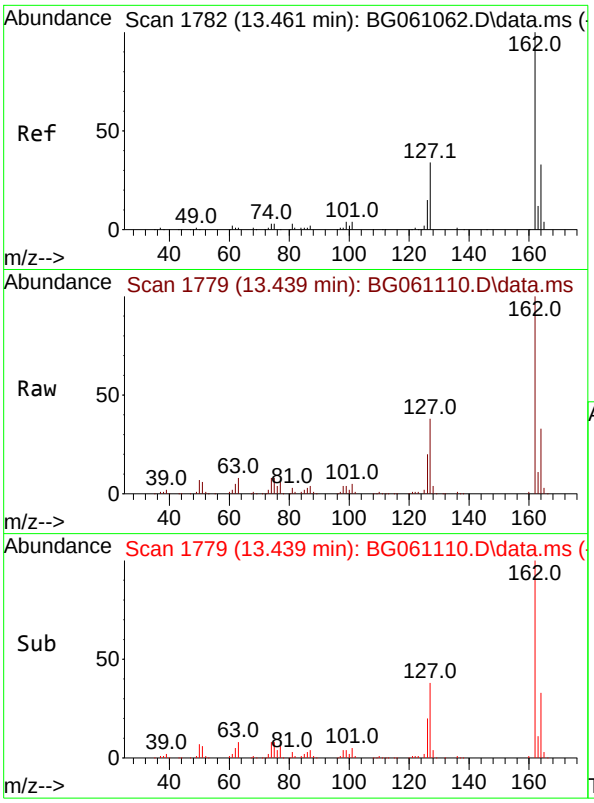




#46
1,1'-Biphenyl
Concen: 46.396 ng
RT: 13.398 min Scan# 1772
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:154 Resp: 249001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.3 | 19.3 | 59.3 |
| 76 | 9.0 | 0.0 | 28.8 |



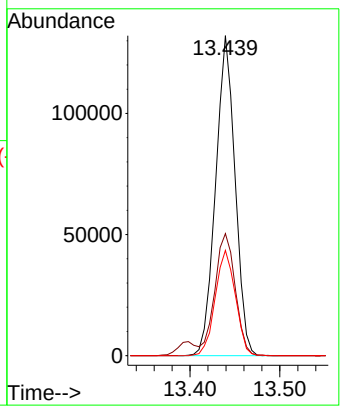


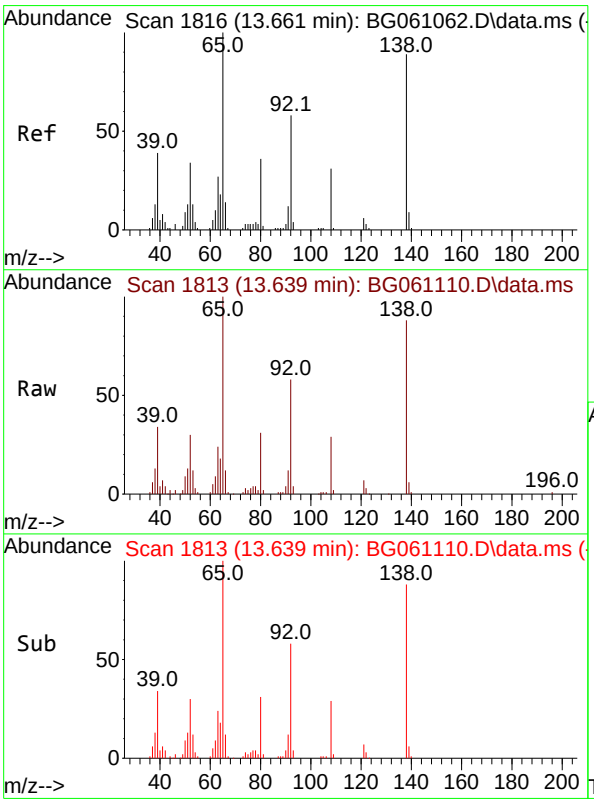

#47
2-Chloronaphthalene
Concen: 46.253 ng
RT: 13.439 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:162 Resp: 198774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.2 | 30.7 | 46.1 |
| 164 | 32.9 | 26.8 | 40.2 |

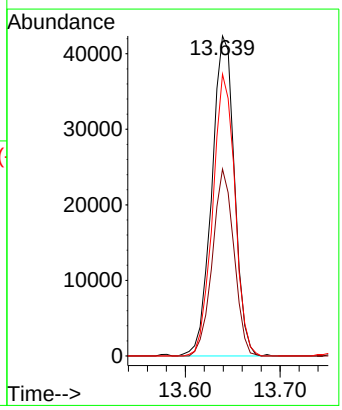


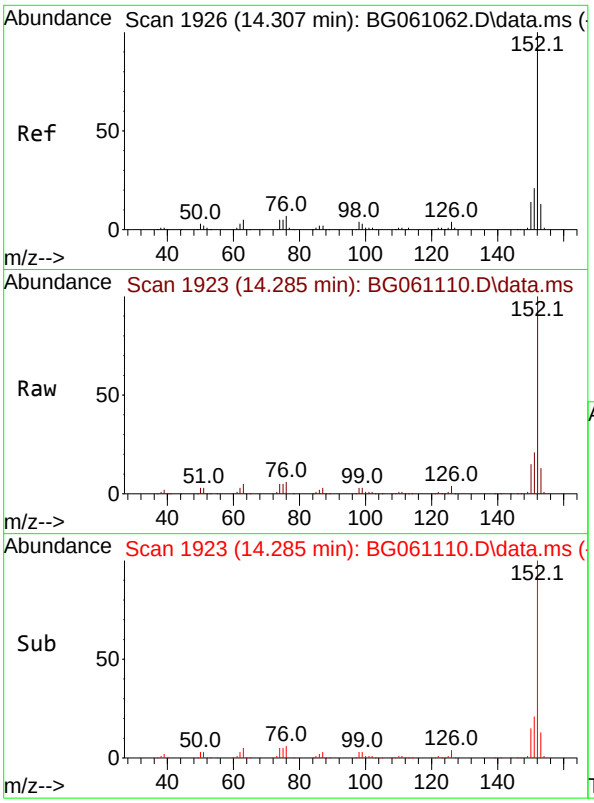




#48
2-Nitroaniline
Concen: 44.121 ng
RT: 13.639 min Scan# 1813
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 65 Resp: 70361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 58.4 | 46.7 | 70.1 |
| 138 | 88.1 | 71.4 | 107.2 |



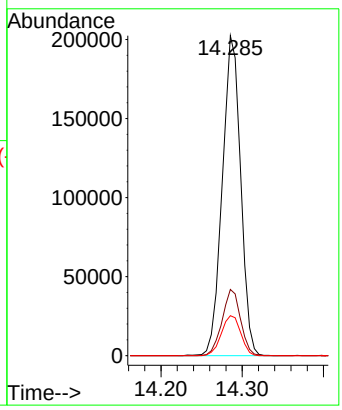


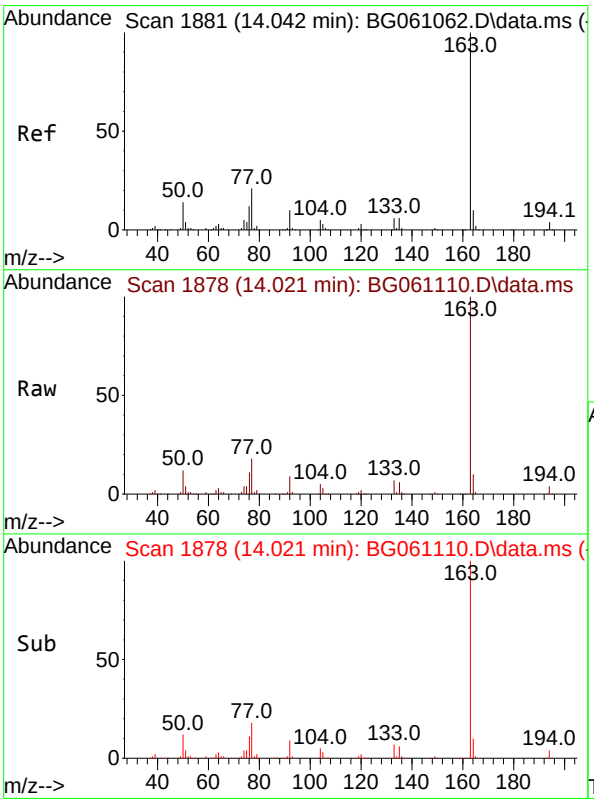

#49
Acenaphthylene
Concen: 48.106 ng
RT: 14.285 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:152 Resp: 317525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 16.9 | 25.3 |
| 153 | 12.5 | 10.6 | 15.8 |

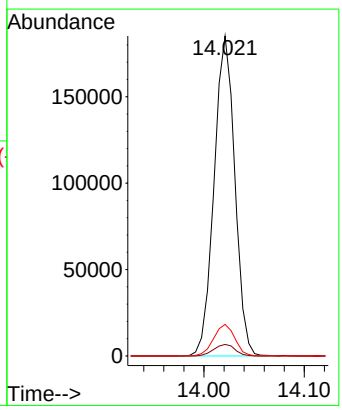


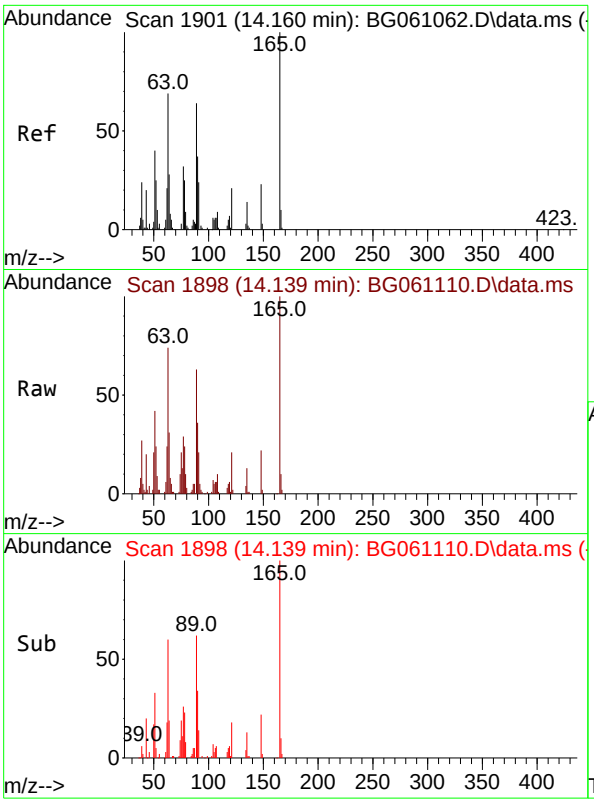




#50
Dimethylphthalate
Concen: 41.081 ng
RT: 14.021 min Scan# 1878
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:163 Resp: 265596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.2 | 4.8 |
| 164 | 9.9 | 7.8 | 11.8 |



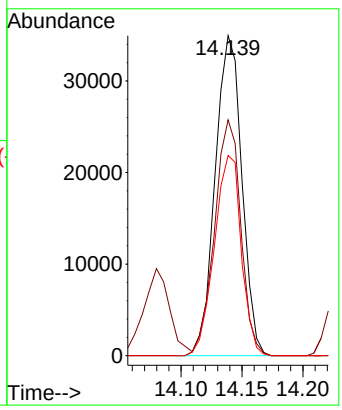


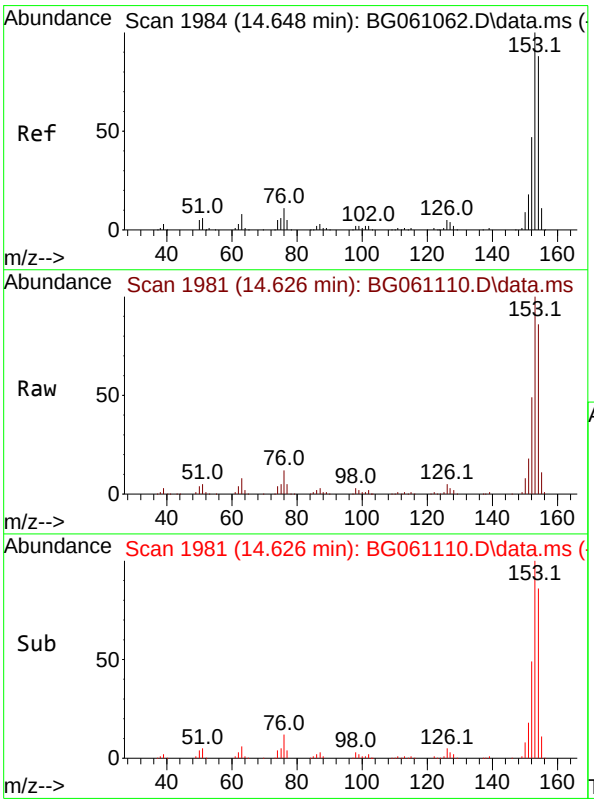

#51
2,6-Dinitrotoluene
Concen: 38.522 ng
RT: 14.139 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:165 Resp: 53271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 73.7 | 60.0 | 90.0 |
| 89 | 62.5 | 50.9 | 76.3 |

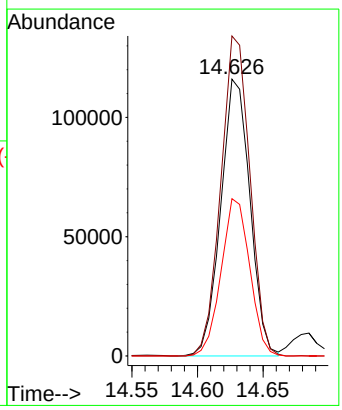


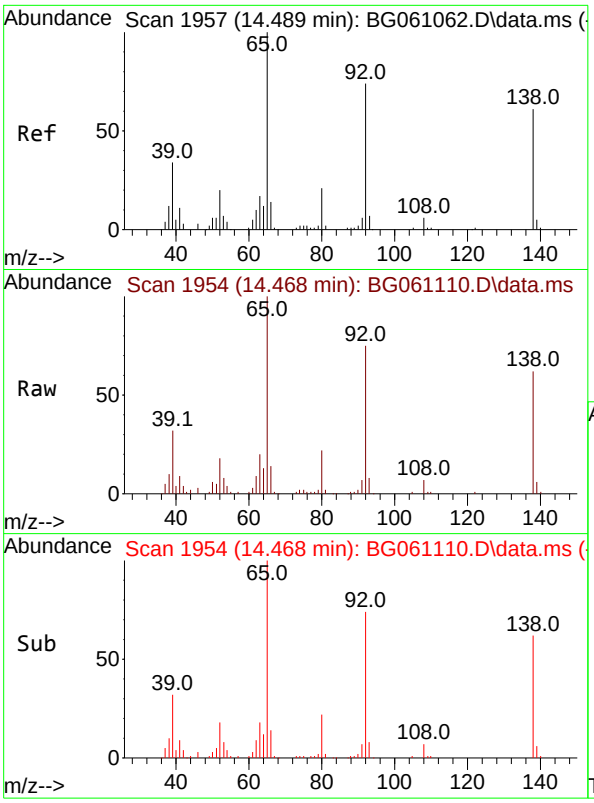




#52
Acenaphthene
Concen: 43.581 ng
RT: 14.626 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:154 Resp: 179451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.6 | 91.0 | 136.4 |
| 152 | 56.8 | 43.1 | 64.7 |



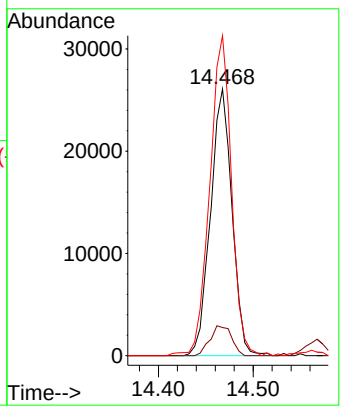


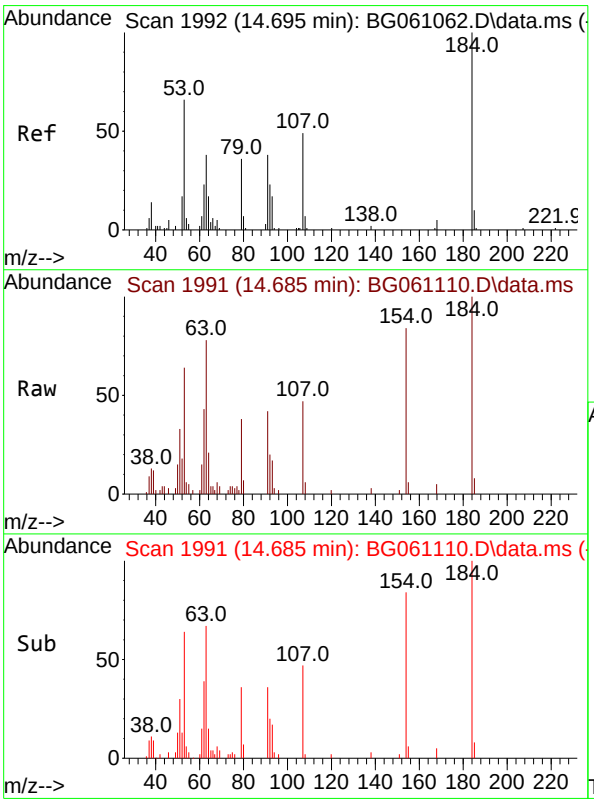

#53
3-Nitroaniline
Concen: 32.480 ng
RT: 14.468 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:138 Resp: 41097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.2 | 12.2 |
| 92 | 120.0 | 98.0 | 147.0 |

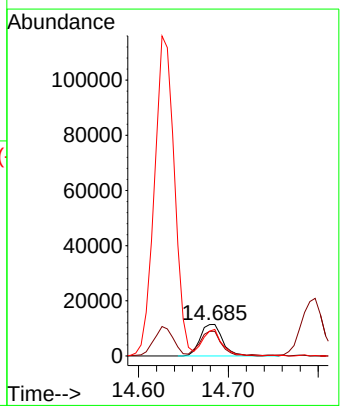


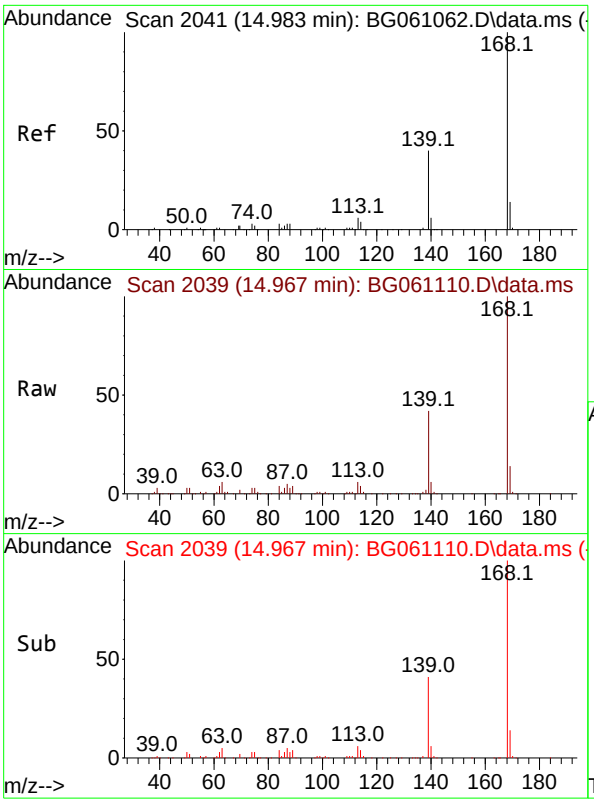




#54
2,4-Dinitrophenol
Concen: 22.071 ng
RT: 14.685 min Scan# 1991
Delta R.T. -0.010 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:184 Resp: 20024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 78.2 | 62.6 | 93.8 |
| 154 | 84.3 | 61.4 | 92.0 |



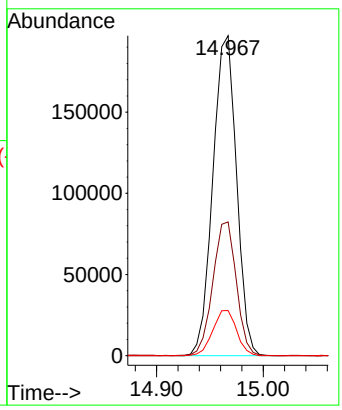


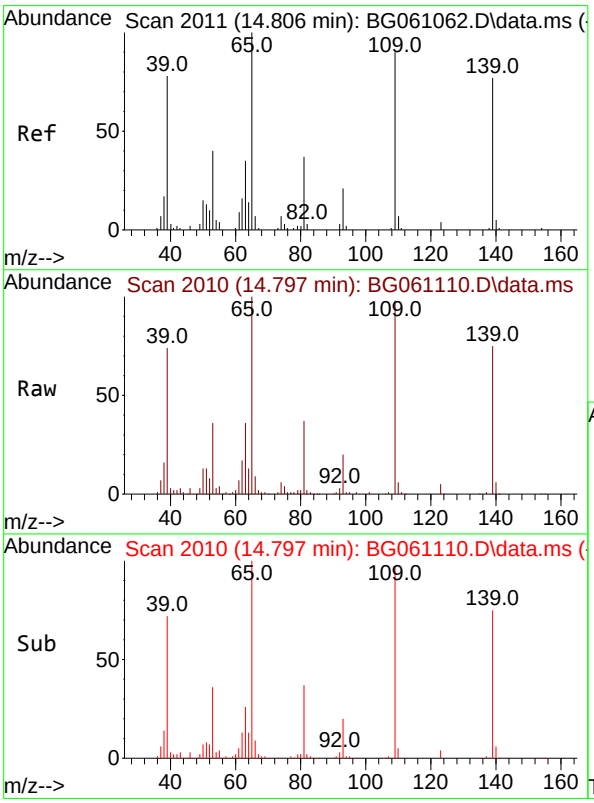

#55
Dibenzofuran
Concen: 43.626 ng
RT: 14.967 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:168 Resp: 303418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.8 | 32.2 | 48.4 |
| 169 | 14.1 | 11.4 | 17.2 |

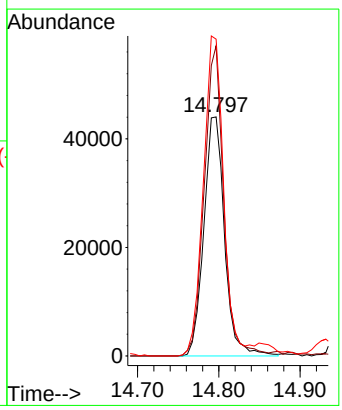


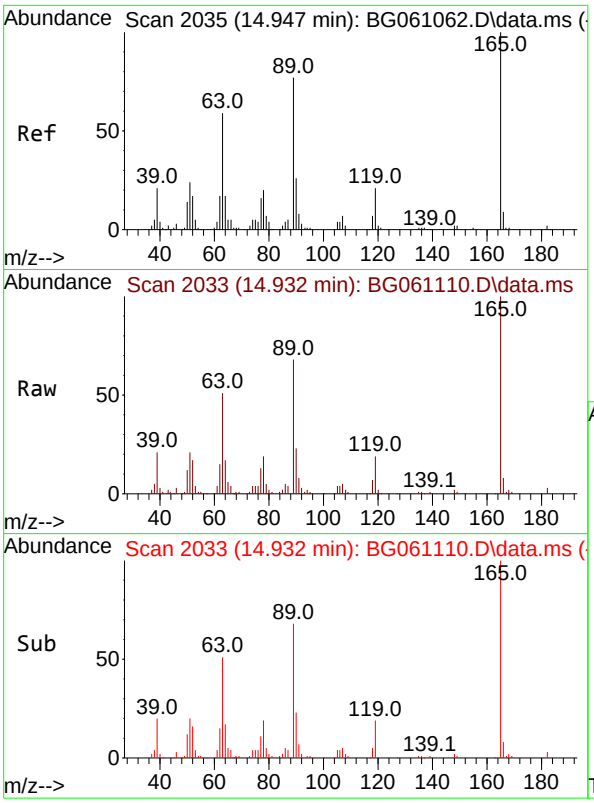




#56
4-Nitrophenol
Concen: 76.208 ng
RT: 14.797 min Scan# 2010
Delta R.T. -0.010 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:139 Resp: 77928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 129.8 | 97.7 | 137.7 |
| 65 | 132.5 | 110.7 | 150.7 |



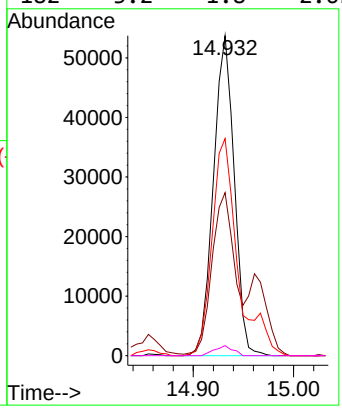


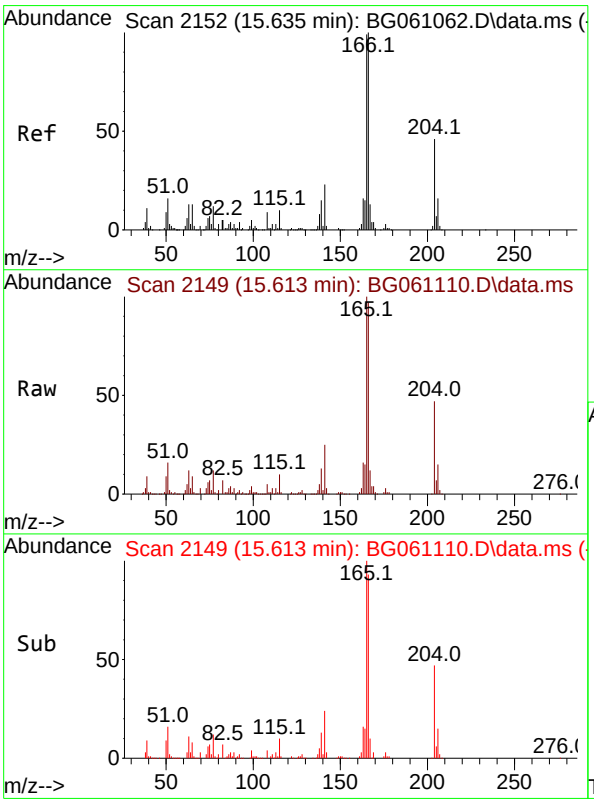

#57
2,4-Dinitrotoluene
Concen: 37.784 ng
RT: 14.932 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:165 Resp: 77303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.0 | 47.3 | 70.9 |
| 89 | 67.9 | 61.8 | 92.8 |
| 182 | 3.2 | 1.8 | 2.6# |

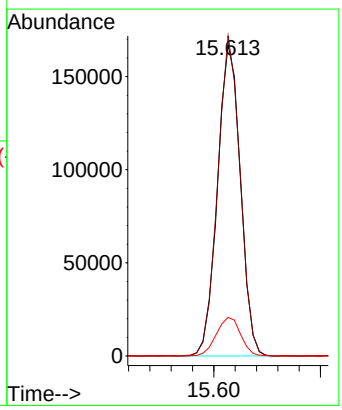


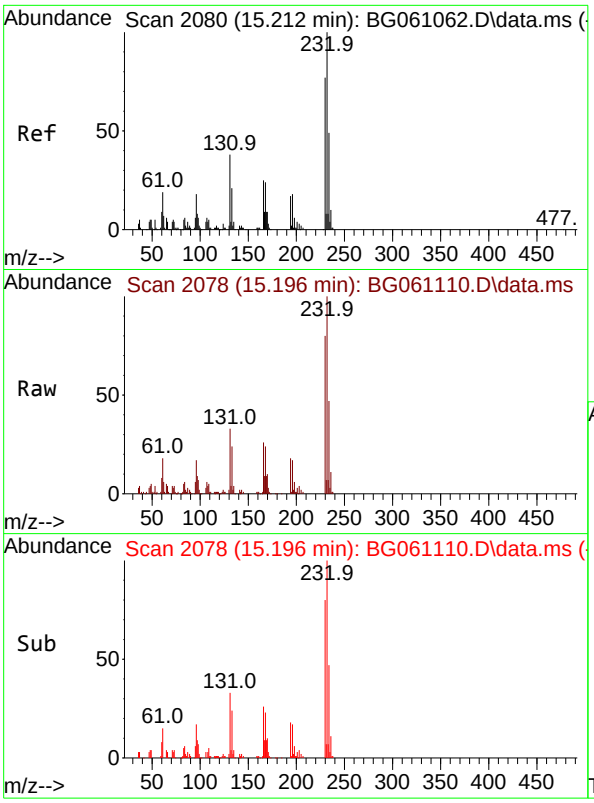




#58
Fluorene
Concen: 41.505 ng
RT: 15.613 min Scan# 2149
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:166 Resp: 249788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.8 | 78.9 | 118.3 |
| 167 | 12.4 | 10.6 | 15.8 |



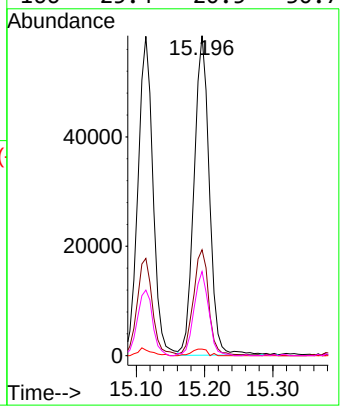


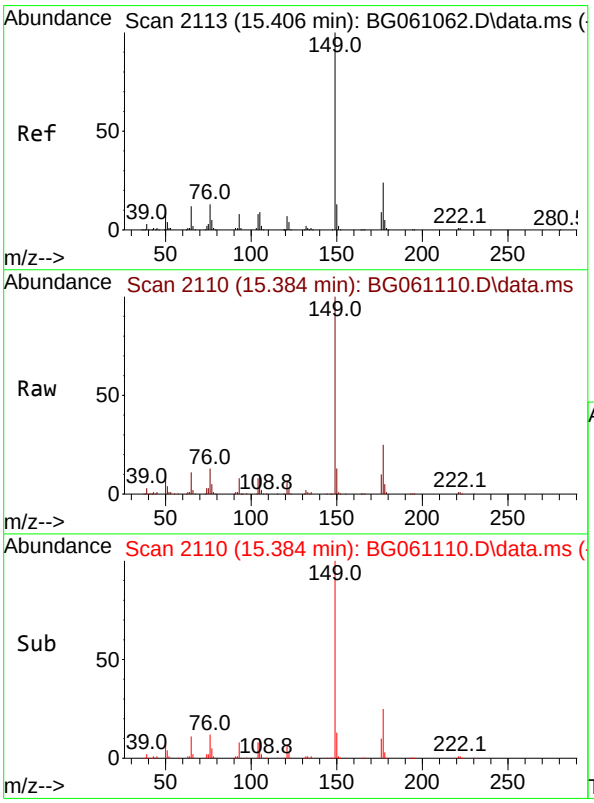

#59
2,3,4,6-Tetrachlorophenol
Concen: 43.519 ng
RT: 15.196 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:232 Resp: 90928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 33.8 | 27.0 | 40.4 |
| 130 | 2.2 | 1.7 | 2.5 |
| 166 | 25.4 | 20.5 | 30.7 |

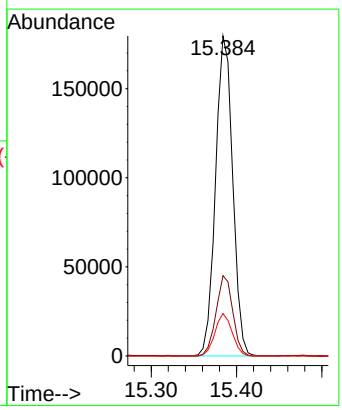


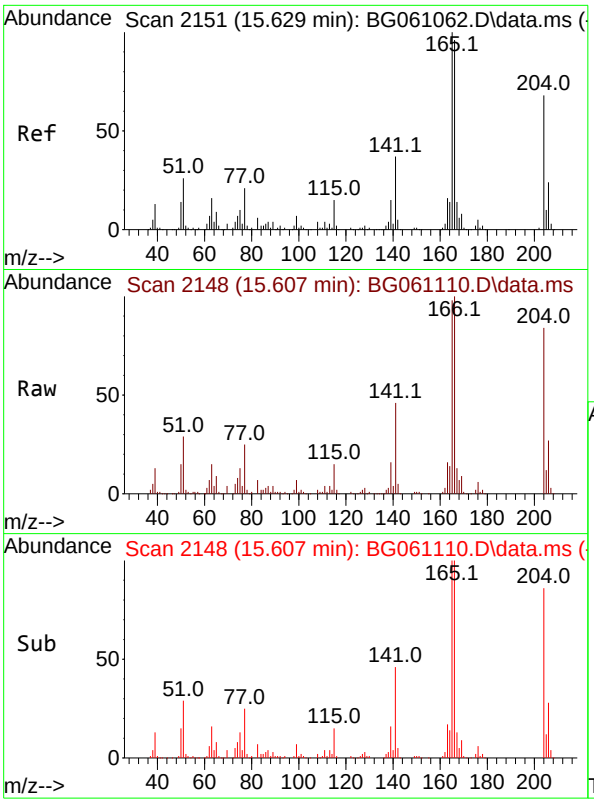




#60
Diethylphthalate
Concen: 38.586 ng
RT: 15.384 min Scan# 2110
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:149 Resp: 251566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 25.1 | 19.1 | 28.7 |
| 150 | 13.3 | 10.6 | 16.0 |



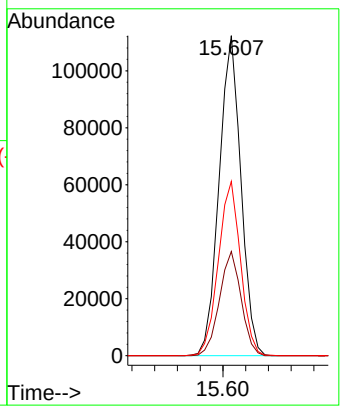


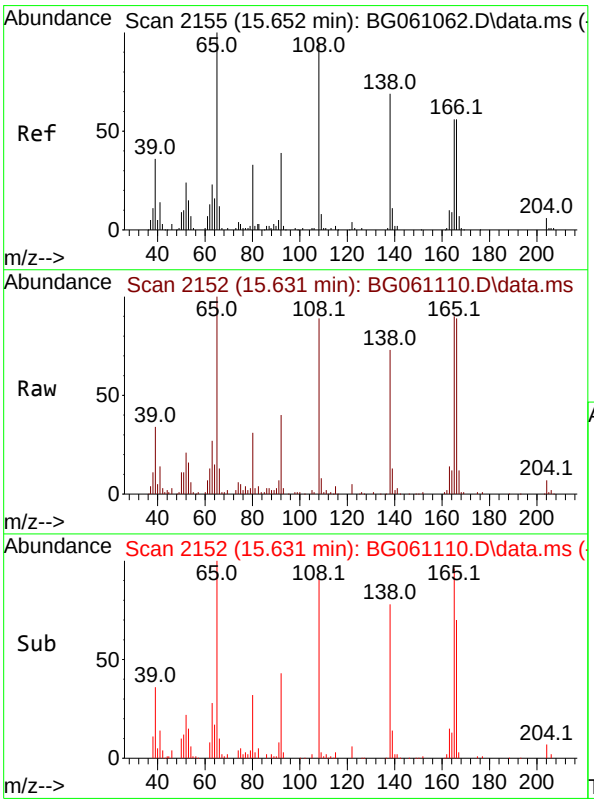

#61
4-Chlorophenyl-phenylether
Concen: 41.398 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:204 Resp: 149600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 27.8 | 41.6 |
| 141 | 54.5 | 42.9 | 64.3 |

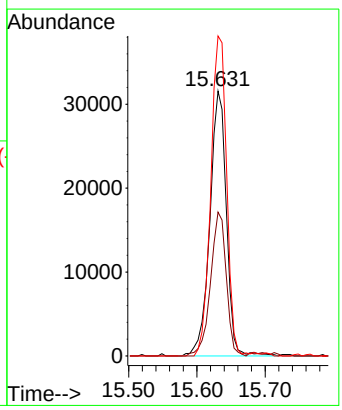


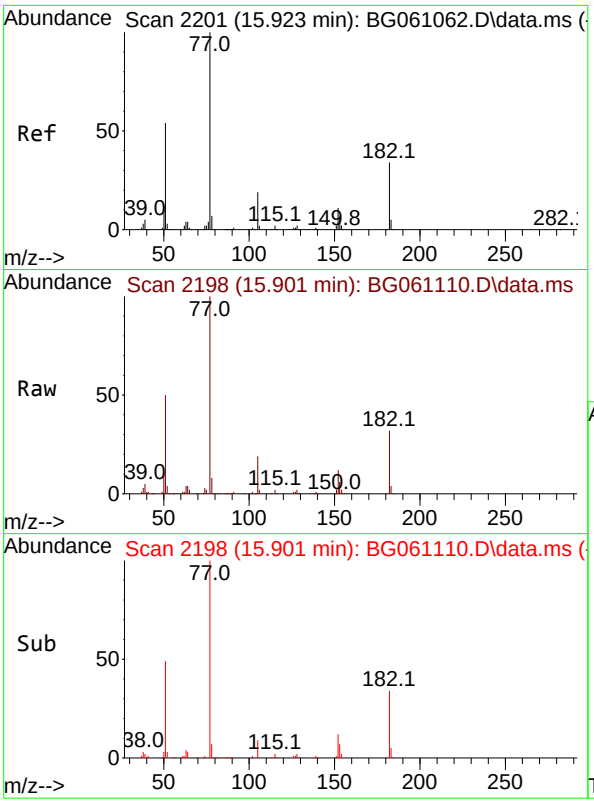




#62
4-Nitroaniline
Concen: 38.808 ng
RT: 15.631 min Scan# 2152
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:138 Resp: 53258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 54.3 | 35.5 | 75.5 |
| 108 | 120.8 | 116.2 | 156.2 |



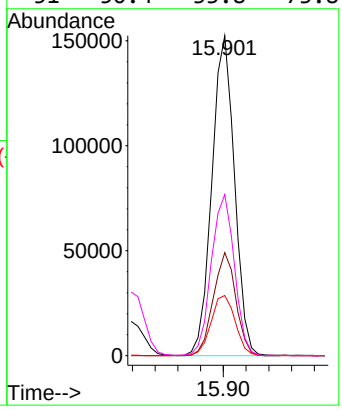


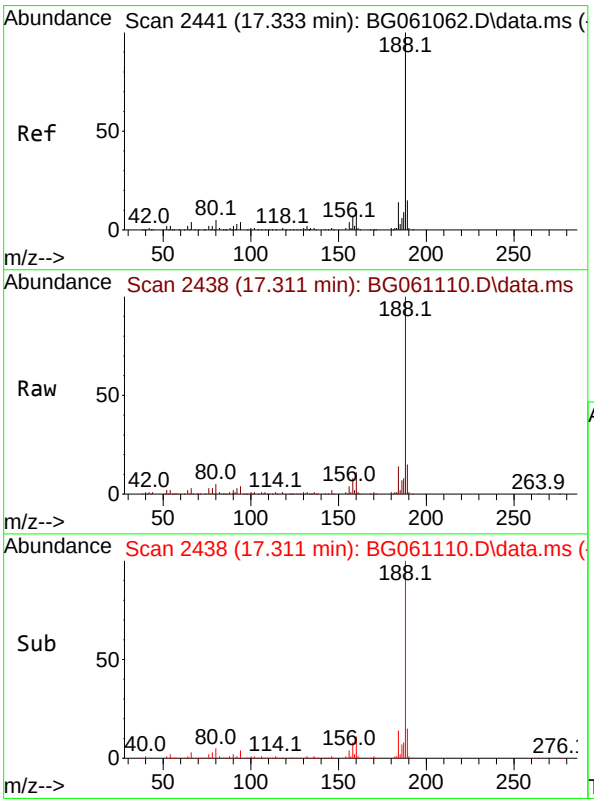

#63
Azobenzene
Concen: 41.556 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion: 77 Resp: 210906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 32.2 | 13.5 | 53.5 |
| 105 | 18.8 | 0.0 | 39.3 |
| 51 | 50.4 | 33.8 | 73.8 |

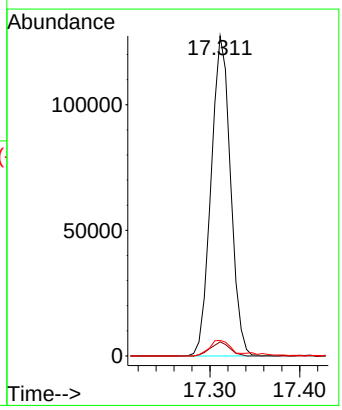


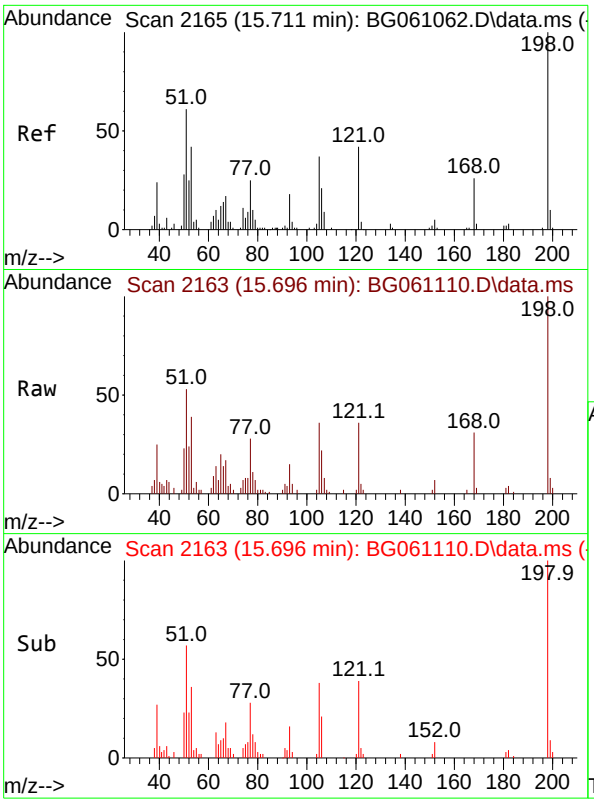




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2438
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:188 Resp: 191666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 4.4 | 3.6 | 5.4 |
| 80 | 4.9 | 4.2 | 6.2 |



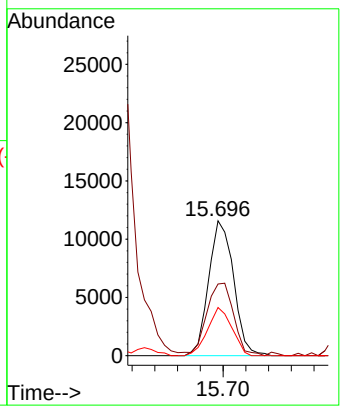


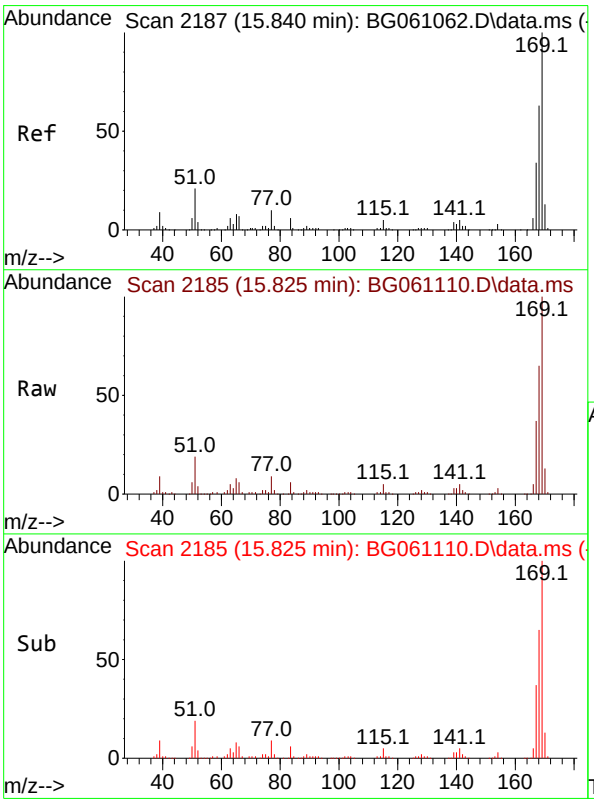

#65
4,6-Dinitro-2-methylphenol
Concen: 14.859 ng
RT: 15.696 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:198 Resp: 17670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 53.2 | 41.2 | 81.2 |
| 105 | 35.7 | 16.7 | 56.7 |

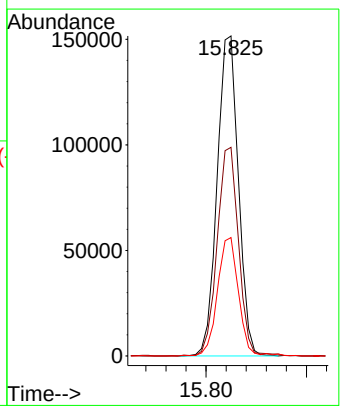


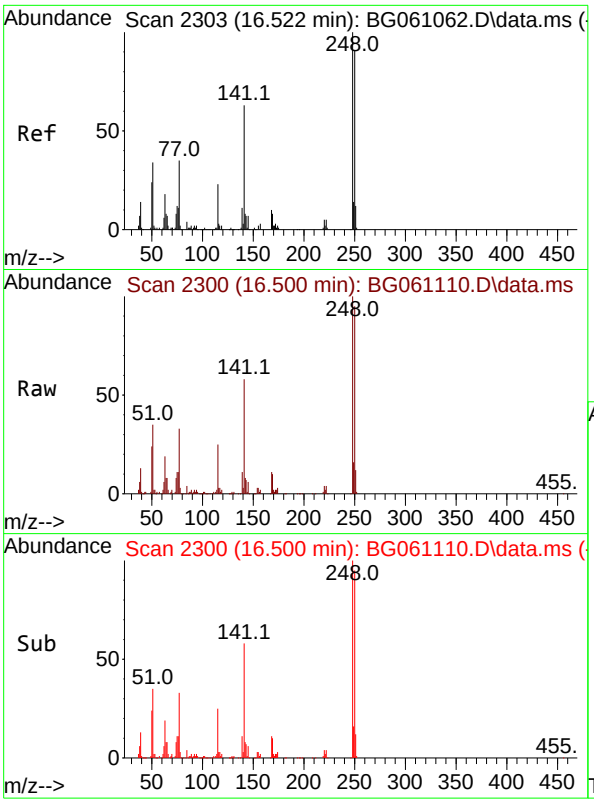




#66
n-Nitrosodiphenylamine
Concen: 46.763 ng
RT: 15.825 min Scan# 2185
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:169 Resp: 222263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.2 | 50.6 | 75.8 |
| 167 | 37.0 | 27.4 | 41.2 |



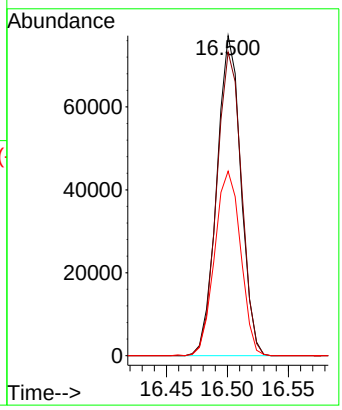


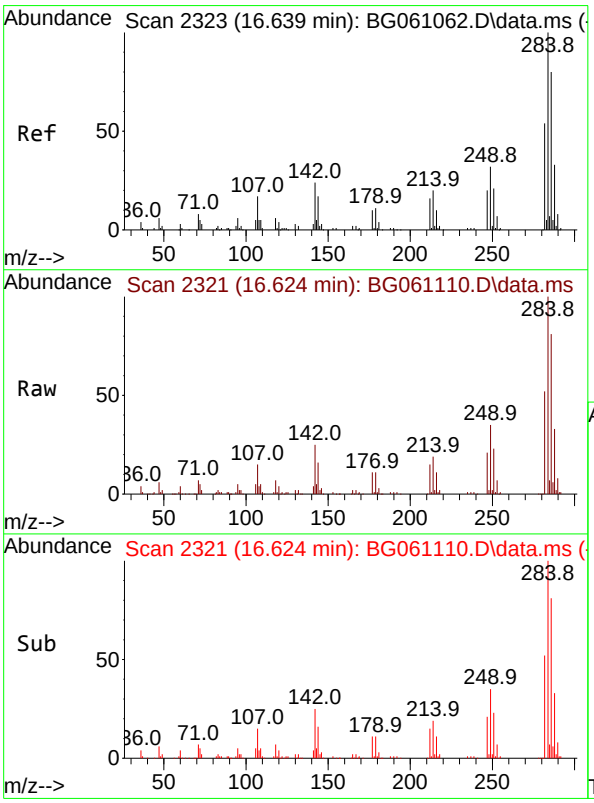

#67
4-Bromophenyl-phenylether
Concen: 47.073 ng
RT: 16.500 min Scan# 2
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:248 Resp: 106285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.9 | 73.0 | 109.4 |
| 141 | 57.7 | 50.8 | 76.2 |

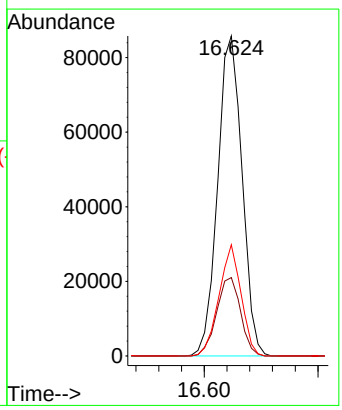


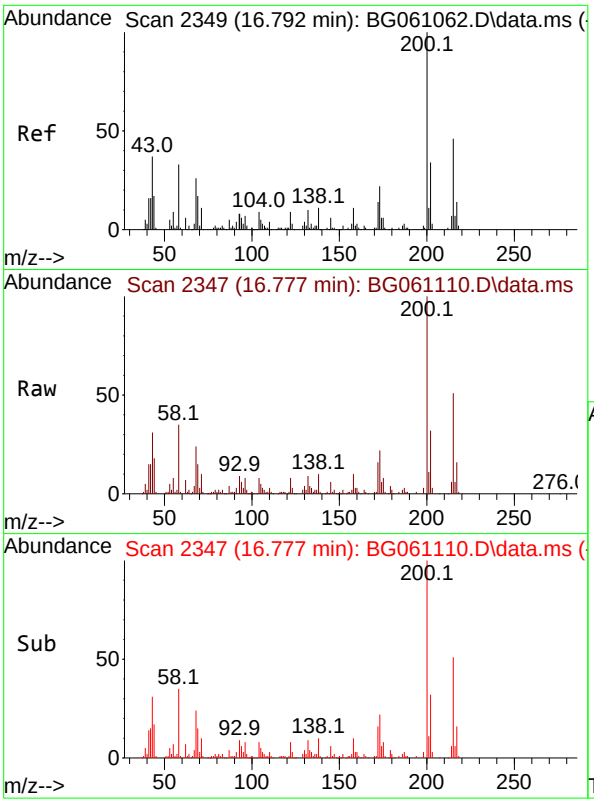




#68
Hexachlorobenzene
Concen: 45.432 ng
RT: 16.624 min Scan# 2321
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:284 Resp: 127675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 24.5 | 19.2 | 28.8 |
| 249 | 34.7 | 25.4 | 38.2 |



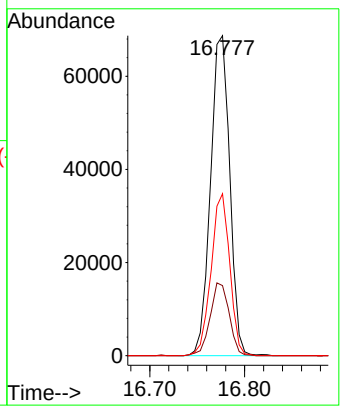


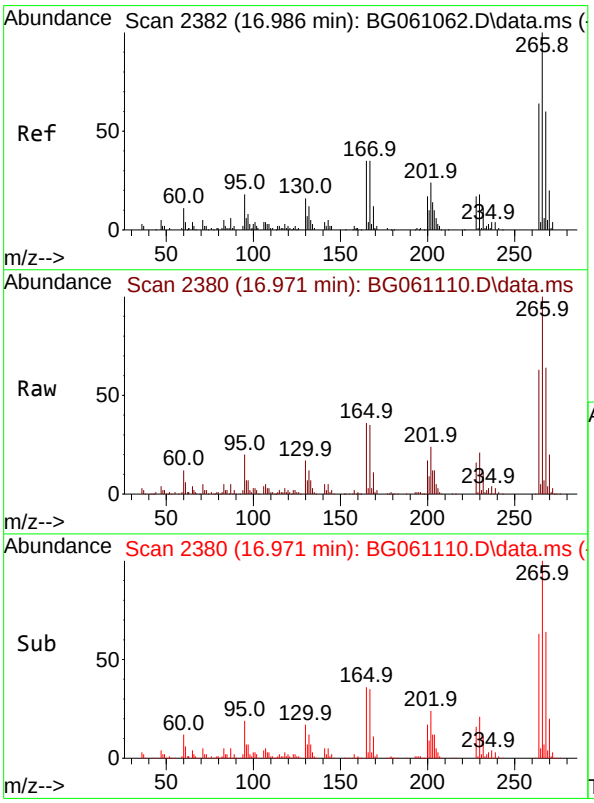

#69
Atrazine
Concen: 49.306 ng
RT: 16.777 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:200 Resp: 96646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.9 | 2.0 | 42.0 |
| 215 | 50.6 | 26.2 | 66.2 |

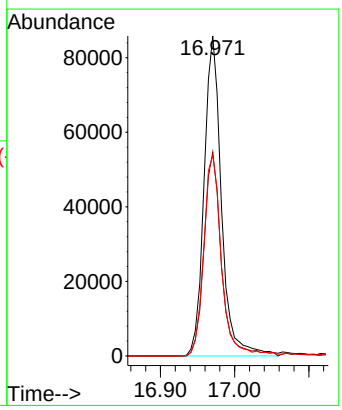


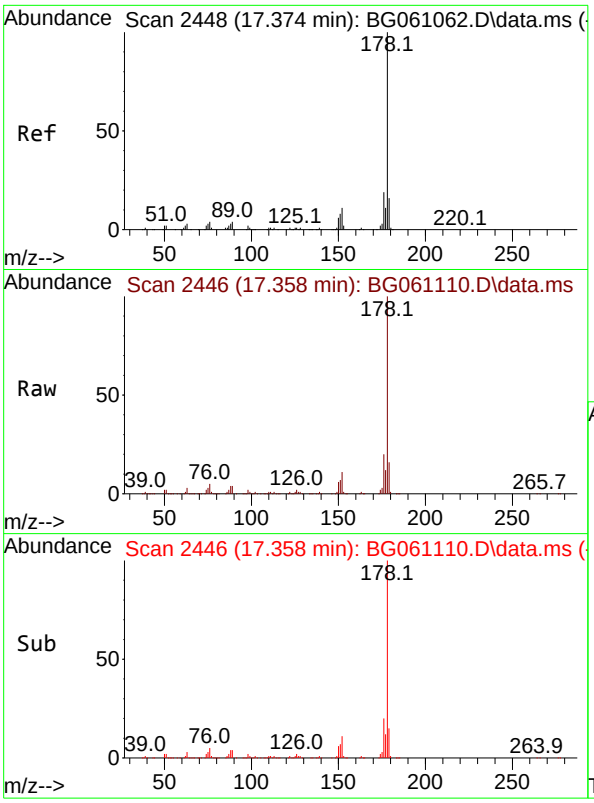




#70
Pentachlorophenol
Concen: 81.159 ng
RT: 16.971 min Scan# 2380
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:266 Resp: 140118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.8 | 47.8 | 71.8 |
| 264 | 62.7 | 51.5 | 77.3 |



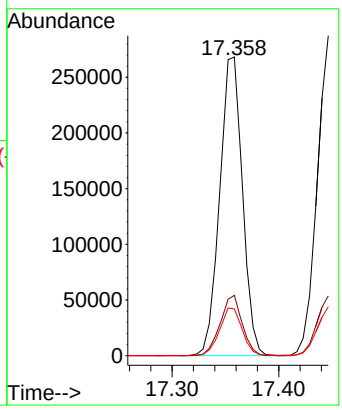


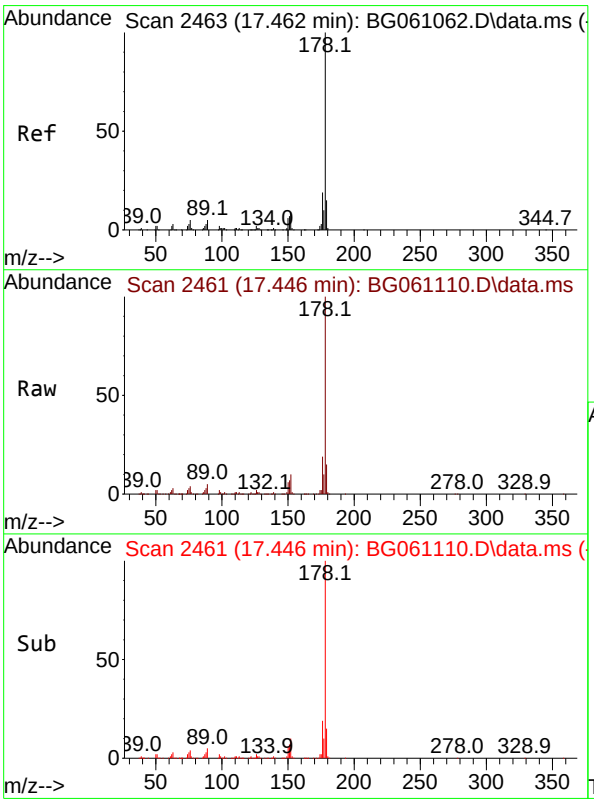

#71
Phenanthrene
Concen: 45.345 ng
RT: 17.358 min Scan# 24
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:178 Resp: 397397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 15.5 | 23.3 |
| 179 | 15.7 | 12.6 | 19.0 |

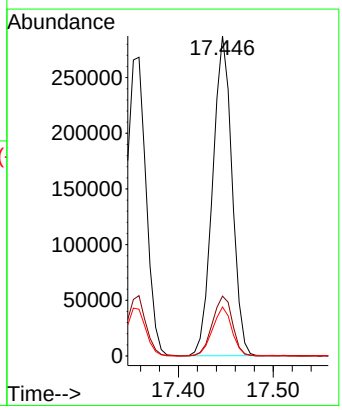


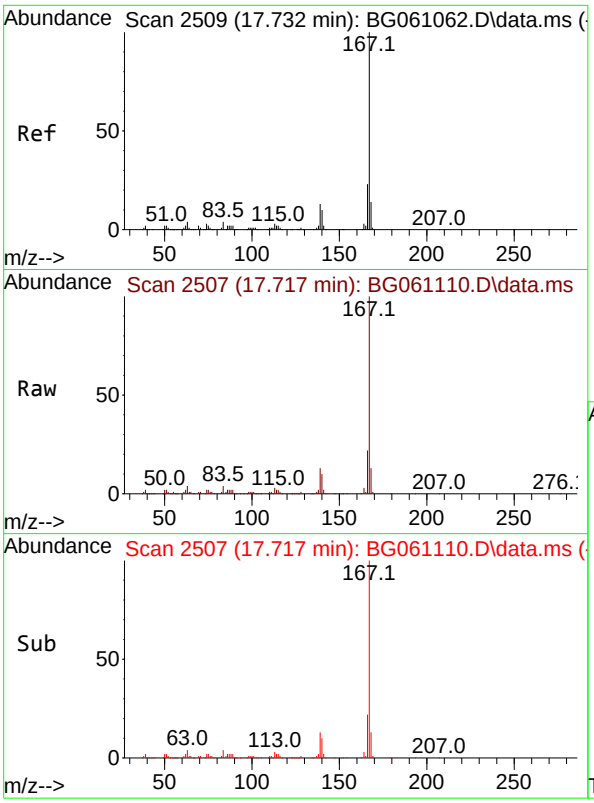




#72
Anthracene
Concen: 46.641 ng
RT: 17.446 min Scan# 2461
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:178 Resp: 407865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.6 |
| 179 | 15.3 | 12.0 | 18.0 |



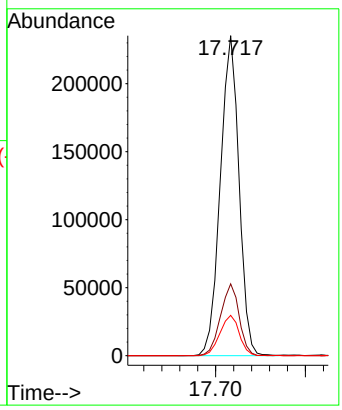


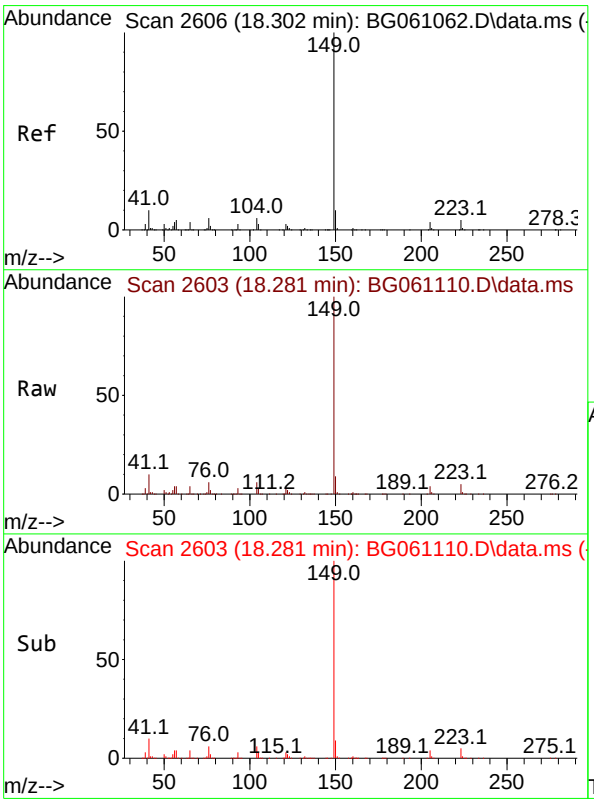

#73
Carbazole
Concen: 44.141 ng
RT: 17.717 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:167 Resp: 339388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 18.7 | 28.1 |
| 139 | 12.6 | 10.6 | 15.8 |

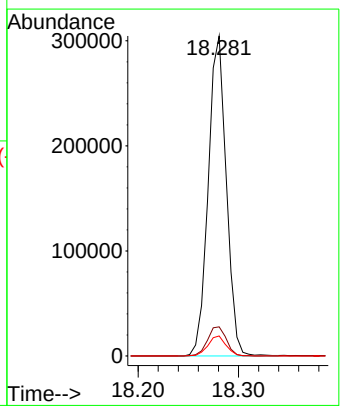


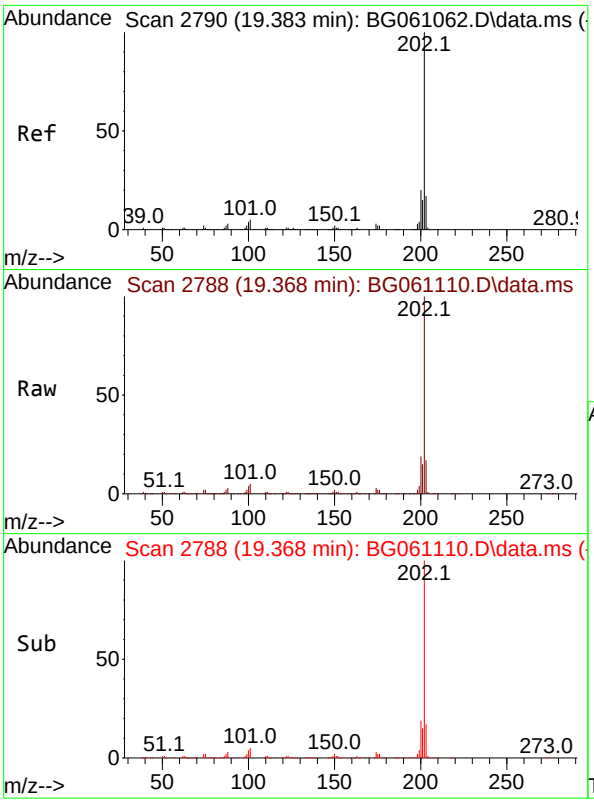




#74
Di-n-butylphthalate
Concen: 41.777 ng
RT: 18.281 min Scan# 2603
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:149 Resp: 381953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.7 | 11.5 |
| 104 | 6.3 | 5.0 | 7.6 |



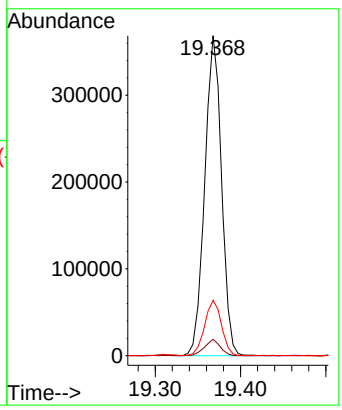


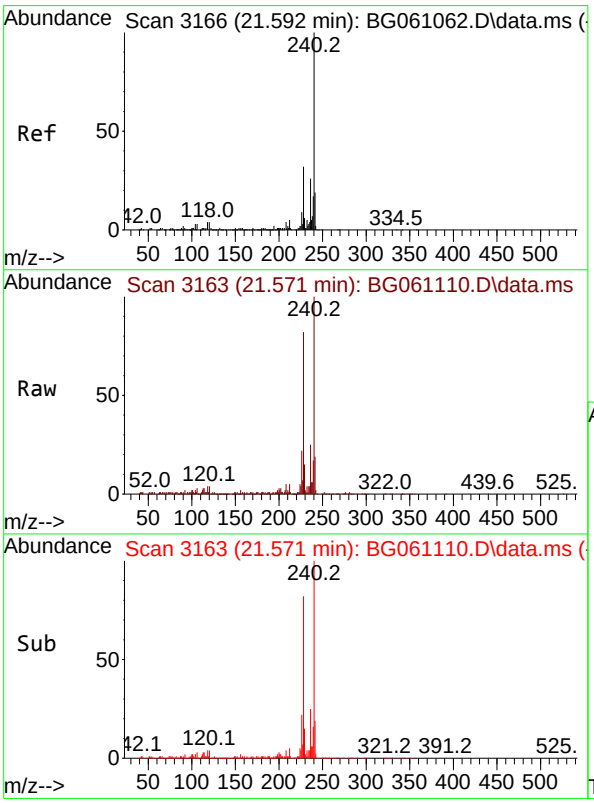

#75
Fluoranthene
Concen: 41.904 ng
RT: 19.368 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:202 Resp: 503101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 5.1 | 0.0 | 24.7 |
| 203 | 17.3 | 0.0 | 37.1 |

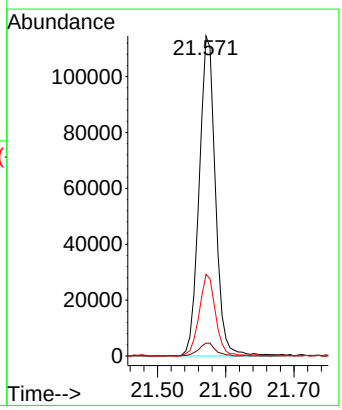


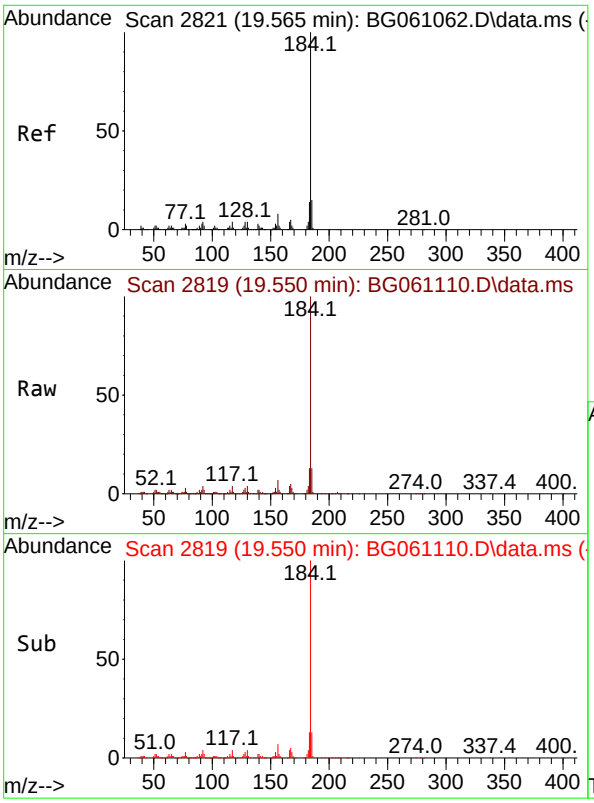




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:240 Resp: 189302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.0 | 3.2 | 4.8 |
| 236 | 25.5 | 21.0 | 31.6 |



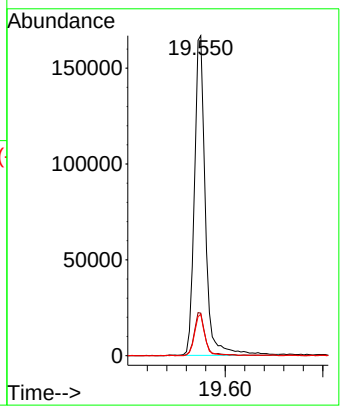


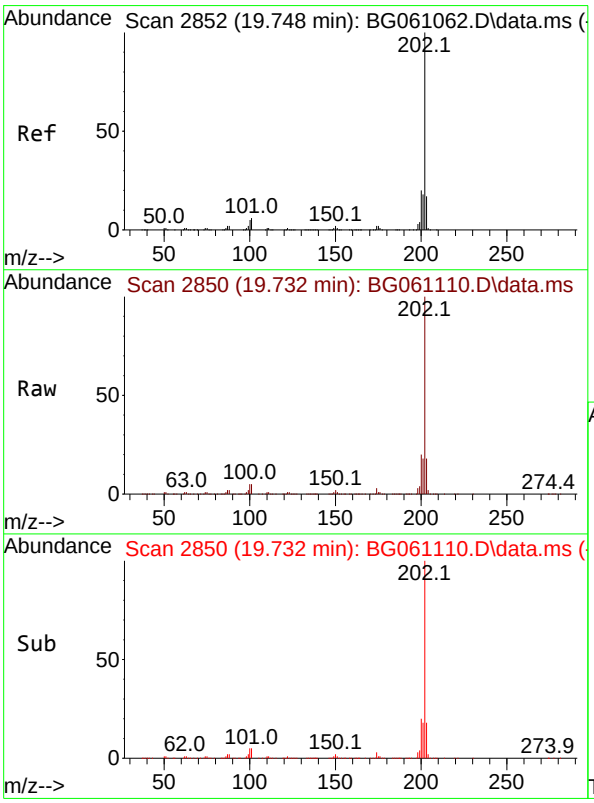

#77
Benzidine
Concen: 71.383 ng
RT: 19.550 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:184 Resp: 262349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.3 | 12.0 | 18.0 |
| 183 | 12.9 | 10.9 | 16.3 |

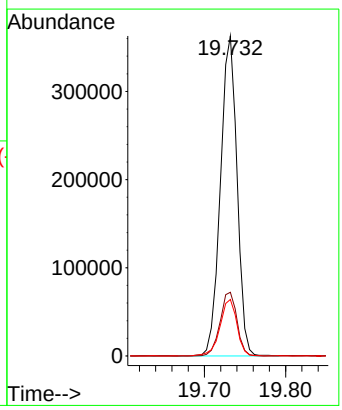


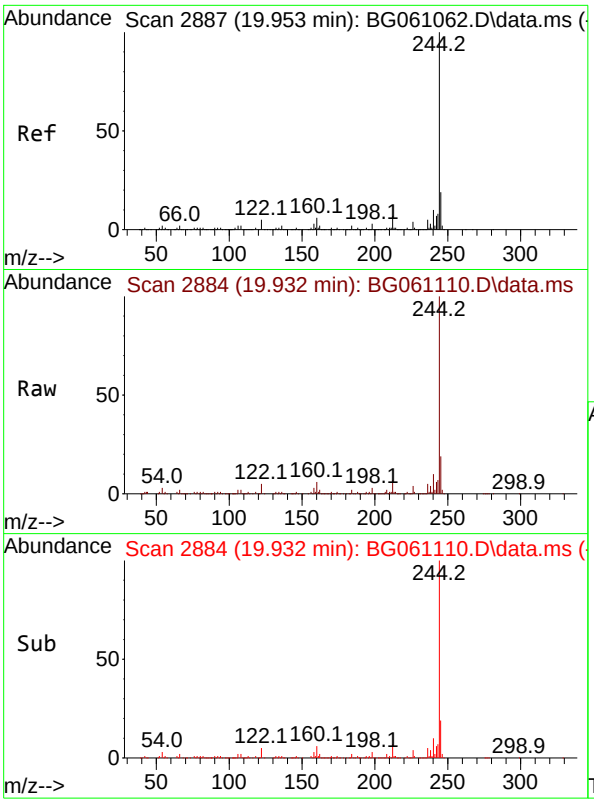




#78
Pyrene
Concen: 42.884 ng
RT: 19.732 min Scan# 2850
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:202 Resp: 516112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.9 | 16.2 | 24.4 |
| 203 | 17.7 | 13.3 | 19.9 |



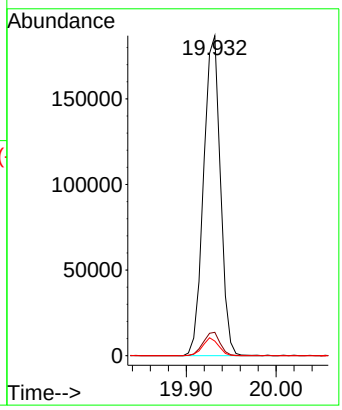


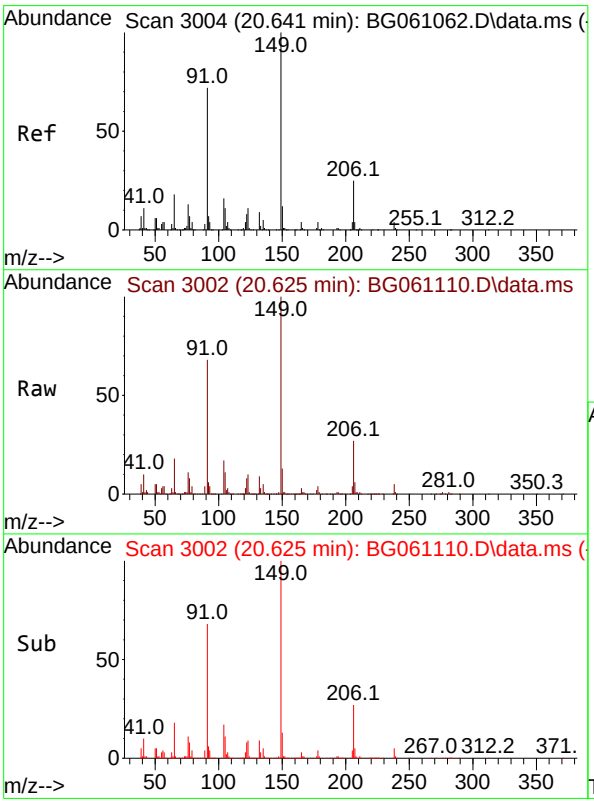

#79
Terphenyl-d14
Concen: 21.309 ng
RT: 19.932 min Scan# 2
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:244 Resp: 242547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.7 | 8.5 |
| 122 | 4.5 | 4.2 | 6.2 |

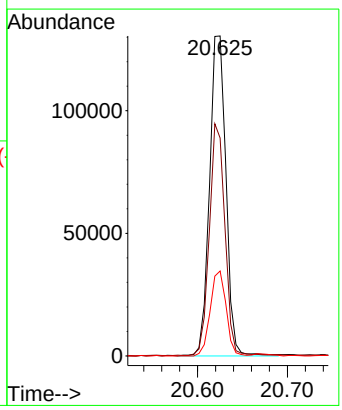


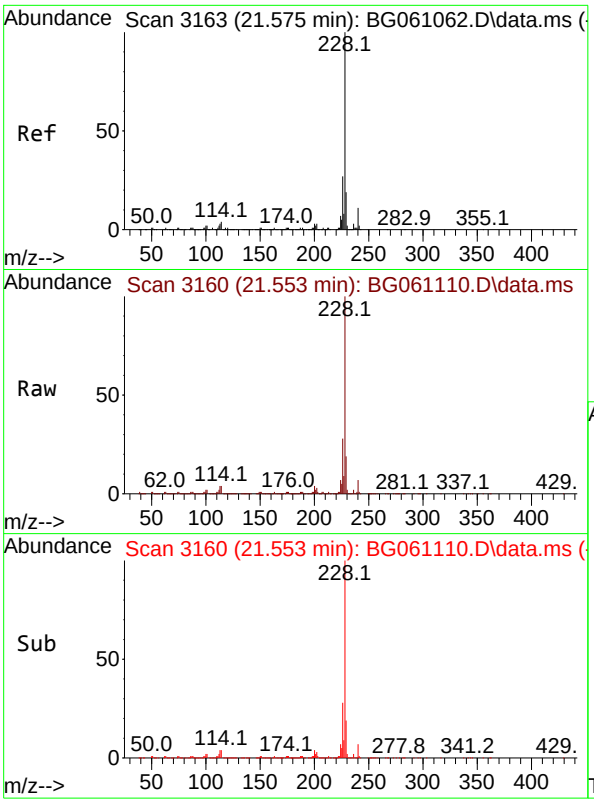




#80
Butylbenzylphthalate
Concen: 43.554 ng
RT: 20.625 min Scan# 3002
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:149 Resp: 165926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.1 | 57.4 | 86.2 |
| 206 | 26.6 | 19.8 | 29.6 |



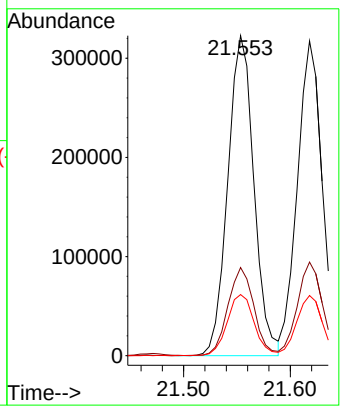


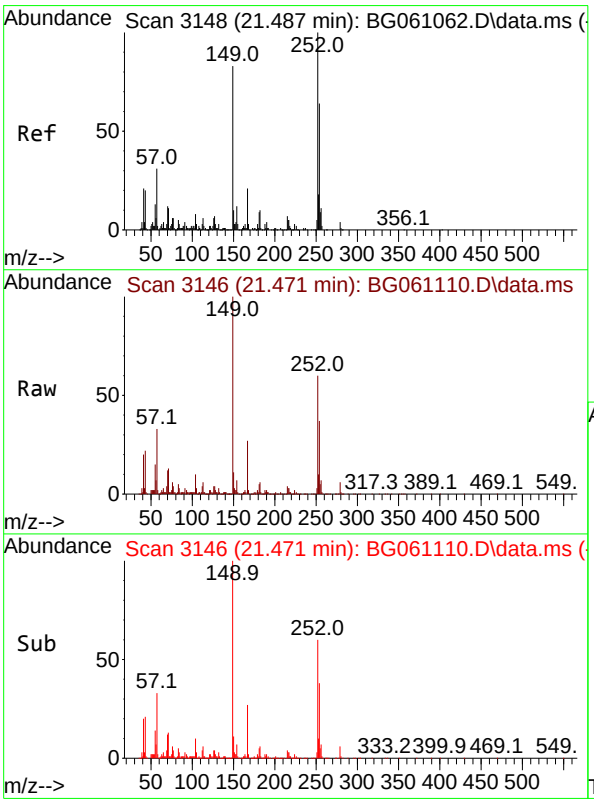

#81
Benzo(a)anthracene
Concen: 44.477 ng
RT: 21.553 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:228 Resp: 550950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 21.6 | 32.4 |
| 229 | 19.1 | 15.0 | 22.4 |

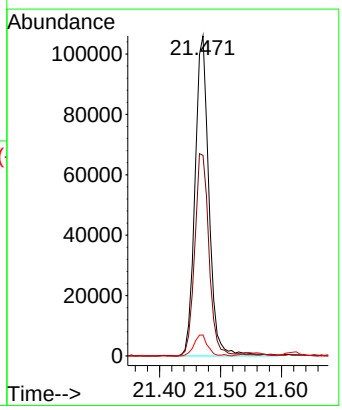


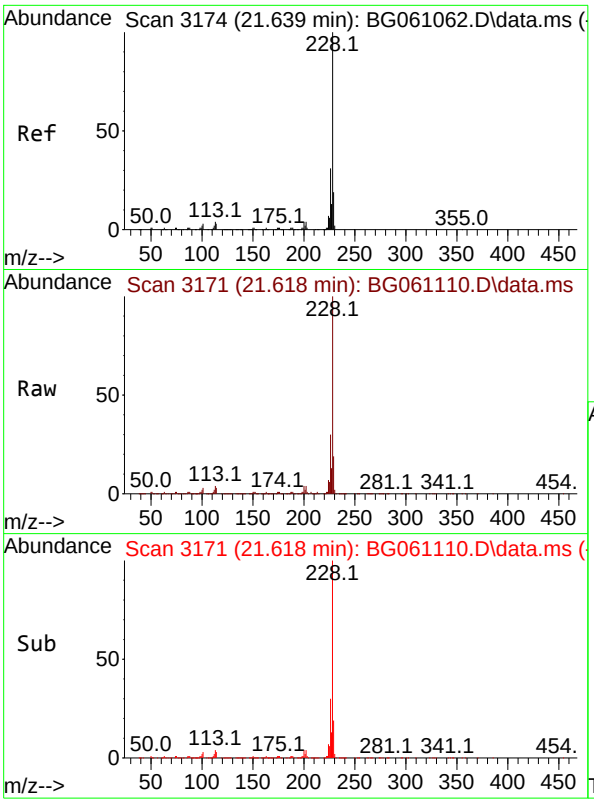




#82
3,3'-Dichlorobenzidine
Concen: 37.827 ng
RT: 21.471 min Scan# 3146
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:252 Resp: 168632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.7 | 51.3 | 76.9 |
| 126 | 6.6 | 5.2 | 7.8 |



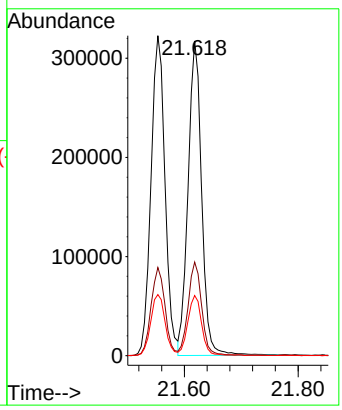


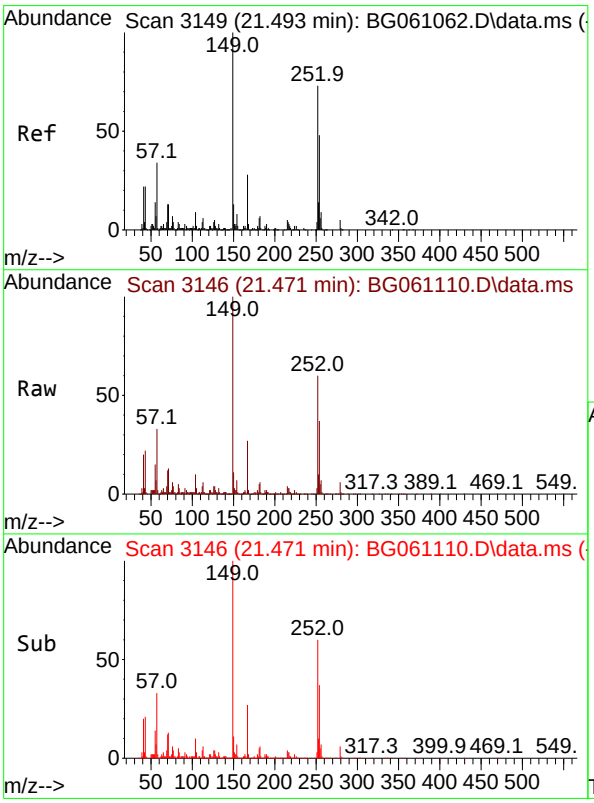

#83
Chrysene
Concen: 45.373 ng
RT: 21.618 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:228 Resp: 526586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 24.4 | 36.6 |
| 229 | 19.1 | 14.8 | 22.2 |

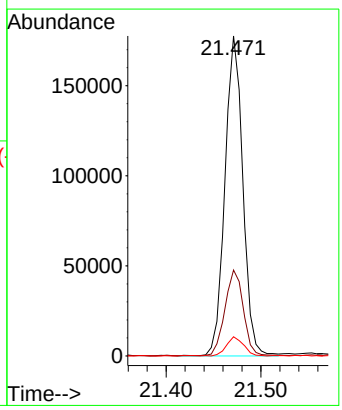


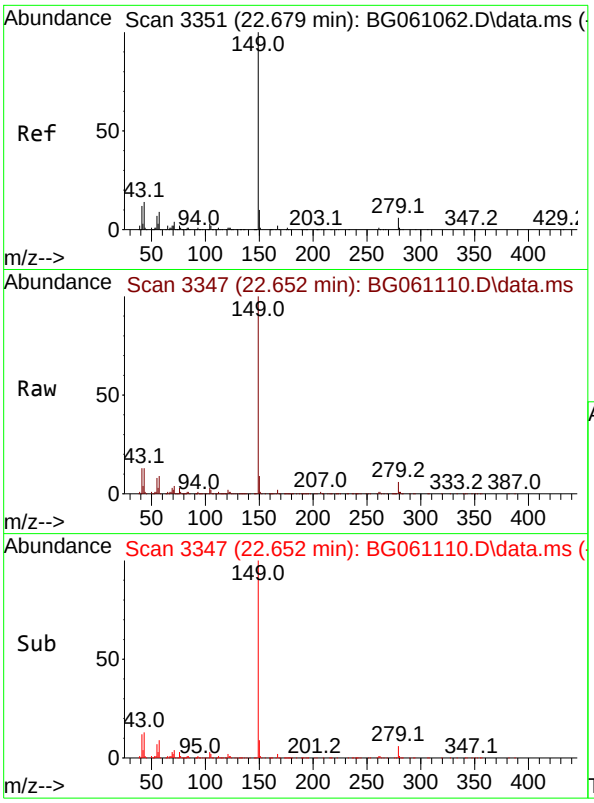




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.888 ng
RT: 21.471 min Scan# 3146
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:149 Resp: 233255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.9 | 22.1 | 33.1 |
| 279 | 6.0 | 4.1 | 6.1 |



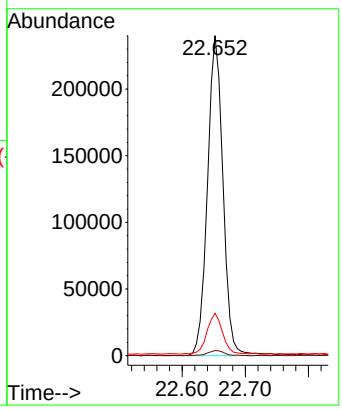


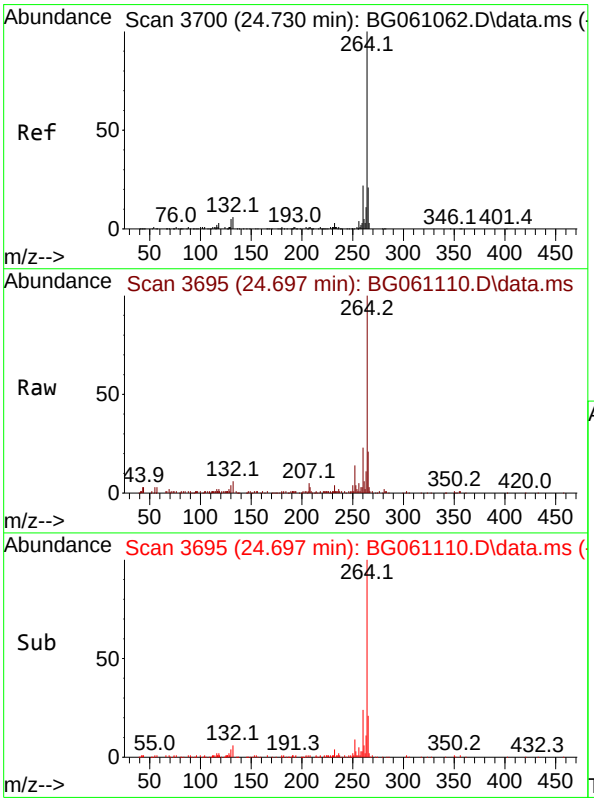

#85
Di-n-octyl phthalate
Concen: 46.715 ng
RT: 22.652 min Scan# 3
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:149 Resp: 410012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.4 | 2.0 |
| 43 | 12.7 | 10.6 | 15.8 |

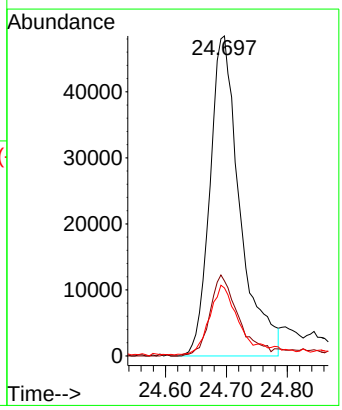


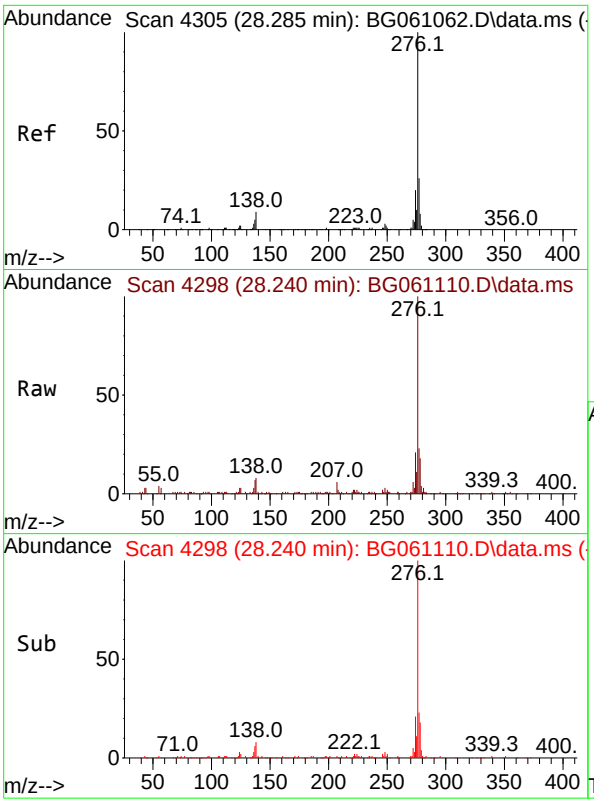




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3695
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:264 Resp: 165890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 17.7 | 26.5 |
| 265 | 21.2 | 16.4 | 24.6 |



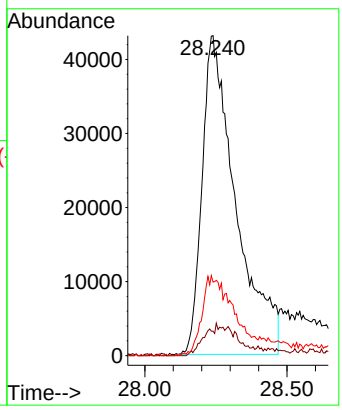


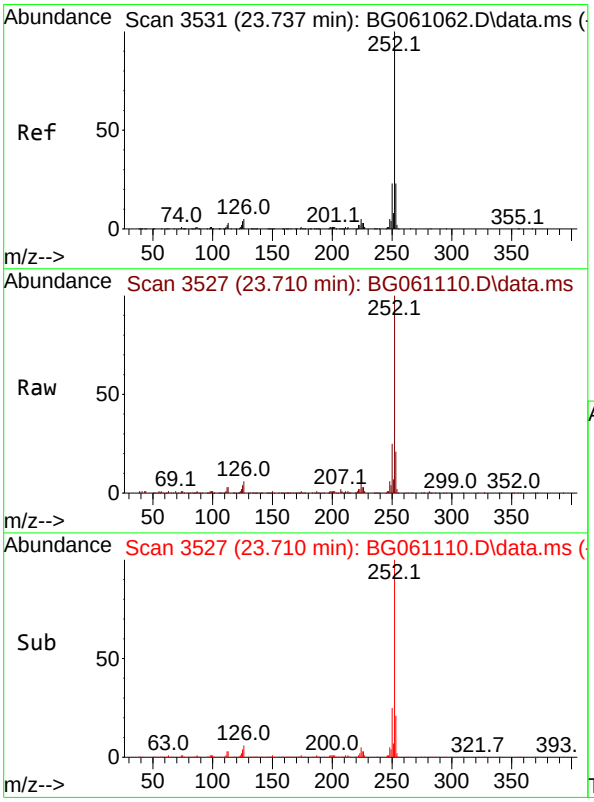

#87
Indeno(1,2,3-cd)pyrene
Concen: 32.370 ng
RT: 28.240 min Scan# 4
Delta R.T. -0.045 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:276 Resp: 355867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.6 | 5.1 | 7.7# |
| 277 | 0.0 | 20.6 | 30.8# |

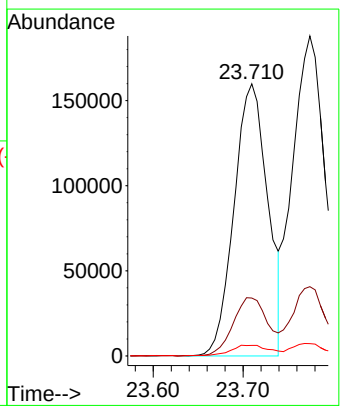


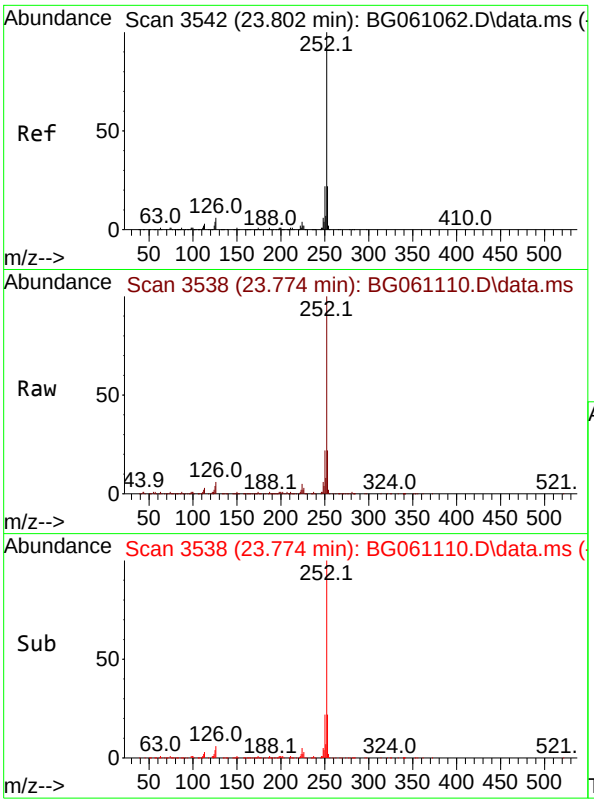




#88
Benzo(b)fluoranthene
Concen: 45.041 ng
RT: 23.710 min Scan# 3527
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:252 Resp: 417528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 18.2 | 27.2 |
| 125 | 3.9 | 3.4 | 5.0 |



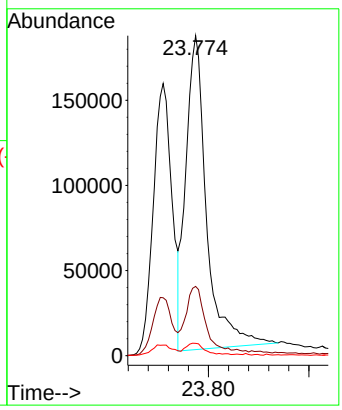


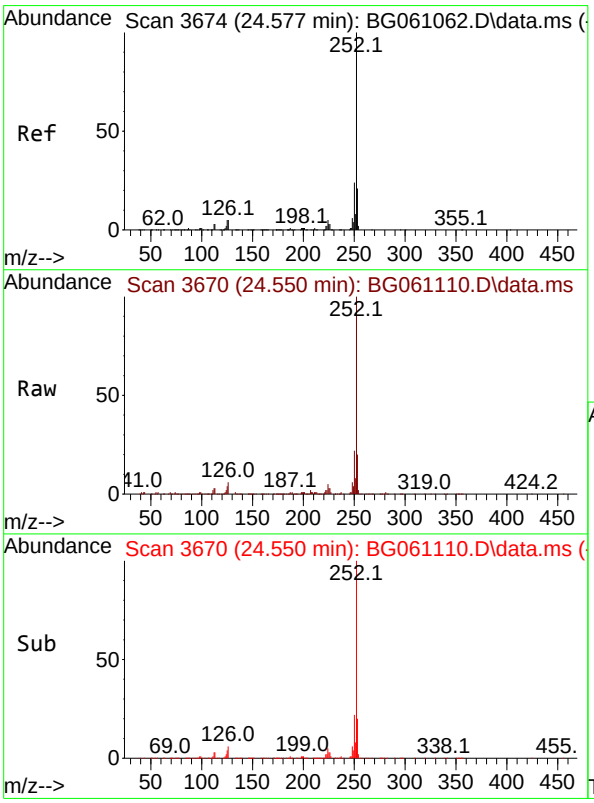

#89
Benzo(k)fluoranthene
Concen: 59.317 ng
RT: 23.774 min Scan# 3
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:252 Resp: 528996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.3 | 25.9 |
| 125 | 3.8 | 3.2 | 4.8 |

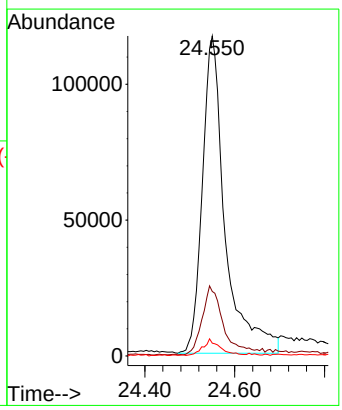


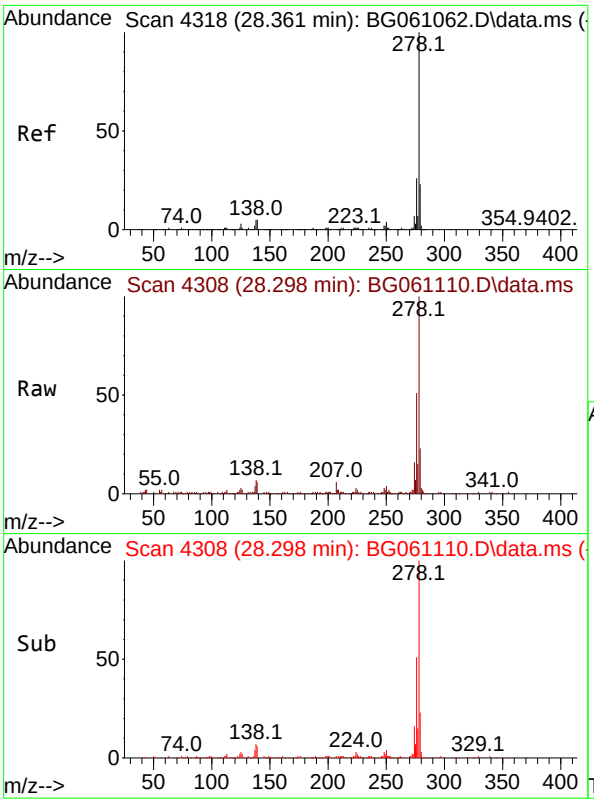




#90
Benzo(a)pyrene
Concen: 50.860 ng
RT: 24.550 min Scan# 3670
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:252 Resp: 410749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.2 | 16.9 | 25.3 |
| 125 | 4.0 | 3.8 | 5.8 |



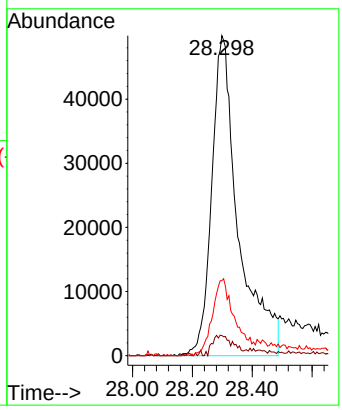


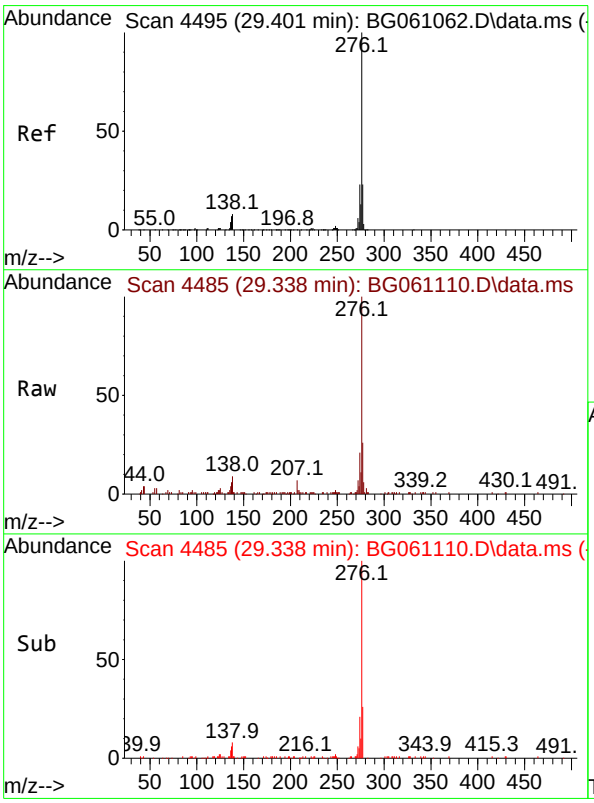

#91
Dibenzo(a,h)anthracene
Concen: 33.890 ng
RT: 28.298 min Scan# 4
Delta R.T. -0.063 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

**Instrument :**
BNA_G
**ClientSampleId :**
V359MSD

Tgt Ion:278 Resp: 308546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 6.3 | 4.2 | 6.2# |
| 279 | 23.4 | 18.0 | 27.0 |




#92
Benzo(g,h,i)perylene
Concen: 21.275 ng
RT: 29.338 min Scan# 4485
Delta R.T. -0.063 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:276 Resp: 192486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.4 | 18.2 | 27.4 |
| 138 | 8.5 | 6.2 | 9.2 |