Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064628.D
Acq On : 29 Oct 2025 18:15
Operator : RC/JU
Sample : Q3419-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Quant Time: Oct 30 04:57:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.214 | 152 | 31803 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.040 | 136 | 124534 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.842 | 164 | 94989 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.580 | 188 | 230638 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.851 | 240 | 282250 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 25.189 | 264 | 308600 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.747 | 112 | 176100 | 92.942 | ng | | 0.00 |
| 7) Phenol-d6 | 7.351 | 99 | 240854 | 92.637 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.378 | 82 | 155218 | 74.861 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.317 | 330 | 162190 | 118.302 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.467 | 172 | 366213 | 58.437 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.165 | 244 | 853453 | 57.063 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.579 | 88 | 31292 | 37.303 | ng | | 94 |
| 3) Pyridine | 3.990 | 79 | 91183 | 36.197 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.896 | 42 | 64553 | 47.785 | ng | | 95 |
| 6) Aniline | 7.527 | 93 | 107880 | 30.493 | ng | | 98 |
| 8) 2-Chlorophenol | 7.774 | 128 | 98657 | 49.746 | ng | | 100 |
| 9) Benzaldehyde | 7.339 | 77 | 47639 | 33.562 | ng | | 94 |
| 10) Phenol | 7.380 | 94 | 134929 | 46.926 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.527 | 93 | 107880 | 30.493 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 8.109 | 146 | 105133 | 46.058 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.250 | 146 | 106063 | 45.698 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.573 | 146 | 107759 | 48.136 | ng | | 98 |
| 15) Benzyl Alcohol | 8.444 | 79 | 100962 | 47.091 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.743 | 45 | 240700 | 43.406 | ng | | 99 |
| 17) 2-Methylphenol | 8.444 | 107 | 50526 | 47.146 | ng | | 88 |
| 18) Hexachloroethane | 9.319 | 117 | 40307 | 49.488 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 9.019 | 70 | 80697 | 44.910 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.972 | 107 | 125897 | 46.893 | ng | | 98 |
| 22) Acetophenone | 9.037 | 105 | 172795 | 50.758 | ng | # | 96 |
| 24) Nitrobenzene | 9.425 | 77 | 122938 | 54.514 | ng | | 99 |
| 25) Isophorone | 9.954 | 82 | 230244 | 46.278 | ng | | 100 |
| 26) 2-Nitrophenol | 10.142 | 139 | 54798 | 62.001 | ng | # | 90 |
| 27) 2,4-Dimethylphenol | 10.194 | 122 | 102164 | 54.121 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 10.429 | 93 | 131967 | 46.587 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.676 | 162 | 105842 | 53.143 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.899 | 180 | 119635 | 52.868 | ng | | 97 |
| 31) Naphthalene | 11.093 | 128 | 325077 | 47.081 | ng | | 99 |
| 32) Benzoic acid | 10.318 | 122 | 89736 | 63.358 | ng | | 92 |
| 33) 4-Chloroaniline | 11.187 | 127 | 54442 | 20.286 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.387 | 225 | 89857 | 50.775 | ng | | 98 |
| 35) Caprolactam | 11.945 | 113 | 35513m | 46.490 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.292 | 107 | 122597 | 51.210 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.686 | 142 | 219604 | 43.321 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.903 | 142 | 228542 | 45.818 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 13.050 | 216 | 178313 | 55.934 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.032 | 237 | 208614 | 145.386 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.279 | 196 | 103636 | 56.833 | ng | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064628.D
Acq On : 29 Oct 2025 18:15
Operator : RC/JU
Sample : Q3419-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Quant Time: Oct 30 04:57:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.344 | 196 | 115660 | 54.963 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.679 | 154 | 365386 | 54.107 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.726 | 162 | 249530 | 48.952 | ng | | 98 |
| 48) 2-Nitroaniline | 13.908 | 65 | 93564 | 54.228 | ng | | 94 |
| 49) Acenaphthylene | 14.566 | 152 | 439745 | 54.693 | ng | | 99 |
| 50) Dimethylphthalate | 14.284 | 163 | 347153 | 47.761 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.395 | 165 | 70596 | 58.141 | ng | | 99 |
| 52) Acenaphthene | 14.907 | 154 | 301997 | 54.976 | ng | | 98 |
| 53) 3-Nitroaniline | 14.724 | 138 | 48285 | 38.655 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.930 | 184 | 96369 | 127.399 | ng | # | 39 |
| 55) Dibenzofuran | 15.236 | 168 | 423783 | 47.718 | ng | | 97 |
| 56) 4-Nitrophenol | 15.018 | 139 | 131383 | 113.444 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 15.183 | 165 | 102203 | 54.664 | ng | # | 97 |
| 58) Fluorene | 15.882 | 166 | 334548 | 48.236 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.453 | 232 | 117236 | 58.261 | ng | | 99 |
| 60) Diethylphthalate | 15.641 | 149 | 350180 | 47.184 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.870 | 204 | 189500 | 48.686 | ng | | 98 |
| 62) 4-Nitroaniline | 15.888 | 138 | 78479 | 56.473 | ng | | 95 |
| 63) Azobenzene | 16.164 | 77 | 349461 | 51.319 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.941 | 198 | 67333 | 64.272 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 16.082 | 169 | 311250 | 49.959 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.763 | 248 | 136215 | 49.838 | ng | | 98 |
| 68) Hexachlorobenzene | 16.887 | 284 | 156412 | 50.163 | ng | | 99 |
| 69) Atrazine | 17.022 | 200 | 143329 | 53.460 | ng | | 97 |
| 70) Pentachlorophenol | 17.221 | 266 | 215900 | 111.038 | ng | | 96 |
| 71) Phenanthrene | 17.621 | 178 | 614558 | 48.725 | ng | | 99 |
| 72) Anthracene | 17.709 | 178 | 618291 | 48.191 | ng | | 100 |
| 73) Carbazole | 17.968 | 167 | 555268 | 49.079 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.526 | 149 | 660445 | 50.481 | ng | | 99 |
| 75) Fluoranthene | 19.613 | 202 | 798695 | 50.549 | ng | | 98 |
| 77) Benzidine | 19.777 | 184 | 266267 | 42.107 | ng | | 99 |
| 78) Pyrene | 19.971 | 202 | 826087 | 44.797 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.852 | 149 | 307248 | 55.127 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.834 | 228 | 915839 | 48.937 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.734 | 252 | 172028 | 27.527 | ng | | 99 |
| 83) Chrysene | 21.904 | 228 | 856872 | 48.119 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.740 | 149 | 456370 | 54.799 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.997 | 149 | 762527 | 54.307 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 29.031 | 276 | 1124787 | 49.546 | ng | # | 97 |
| 88) Benzo(b)fluoranthene | 24.131 | 252 | 922791 | 48.765 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.202 | 252 | 941575 | 49.723 | ng | | 98 |
| 90) Benzo(a)pyrene | 25.036 | 252 | 881844 | 50.697 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 29.102 | 278 | 919177 | 49.838 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.031 | 276 | 1124787 | 49.546 | ng | | 98 |

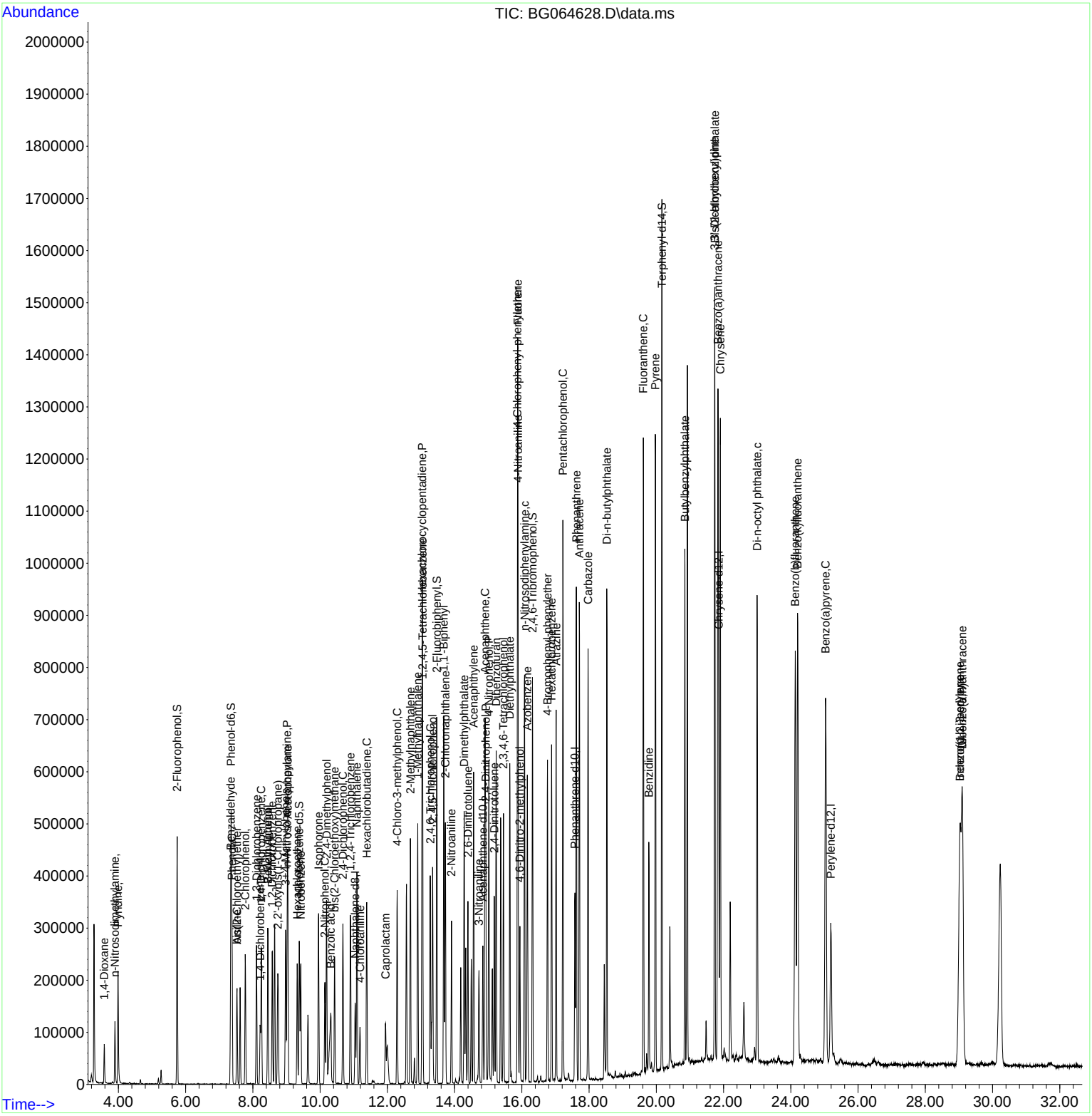
(#) = qualifier out of range (m) = manual integration (+) = signals summed

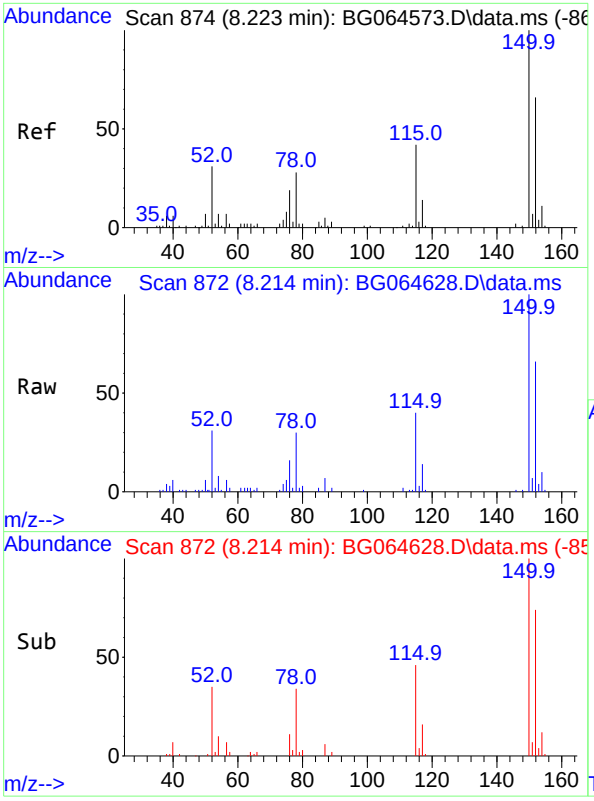
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064628.D
Acq On : 29 Oct 2025 18:15
Operator : RC/JU
Sample : Q3419-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Quant Time: Oct 30 04:57:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



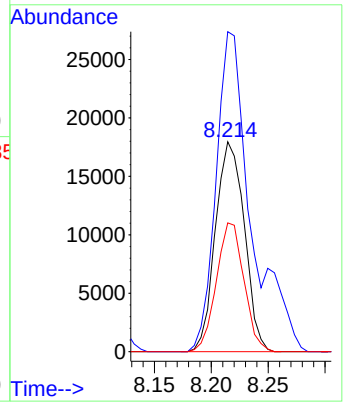


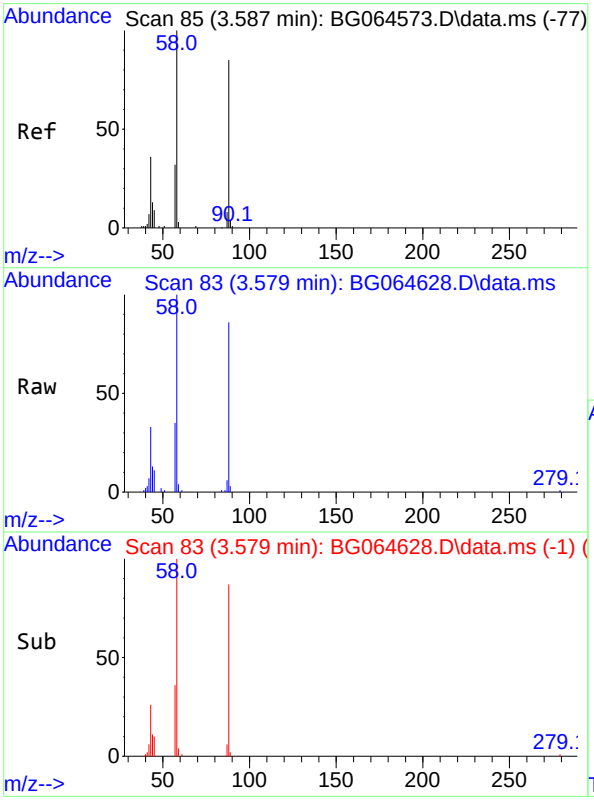

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:152 Resp: 31803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.5 | 122.2 | 183.4 |
| 115 | 61.4 | 50.8 | 76.2 |

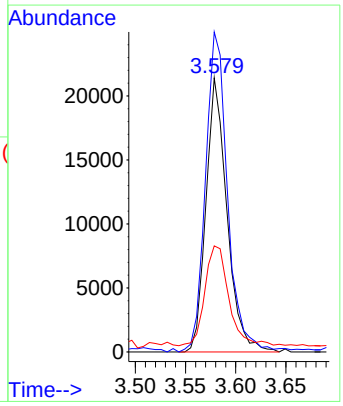


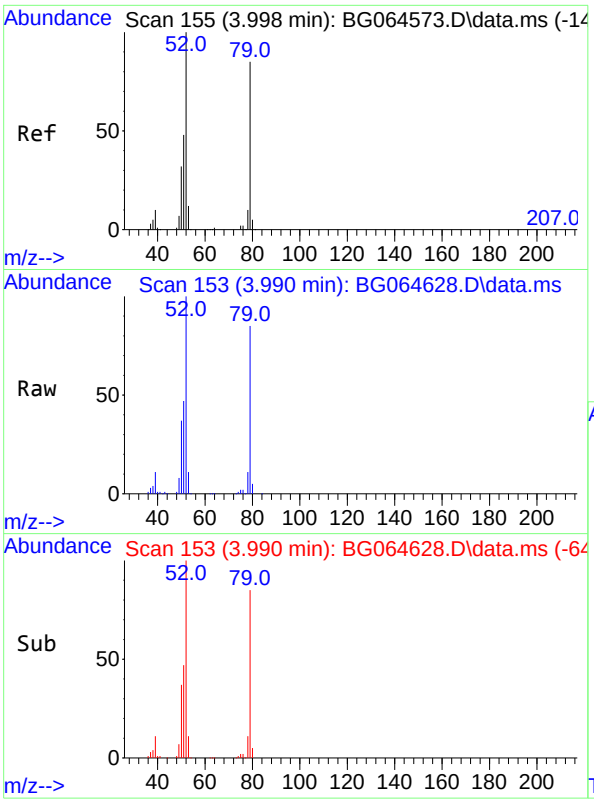




#2
1,4-Dioxane
Concen: 37.303 ng
RT: 3.579 min Scan# 83
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 88 Resp: 31292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 123.9 | 92.4 | 138.6 |
| 43 | 41.9 | 33.0 | 49.6 |



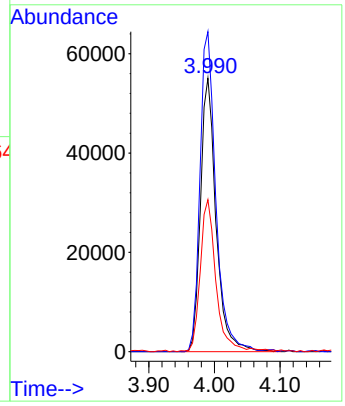


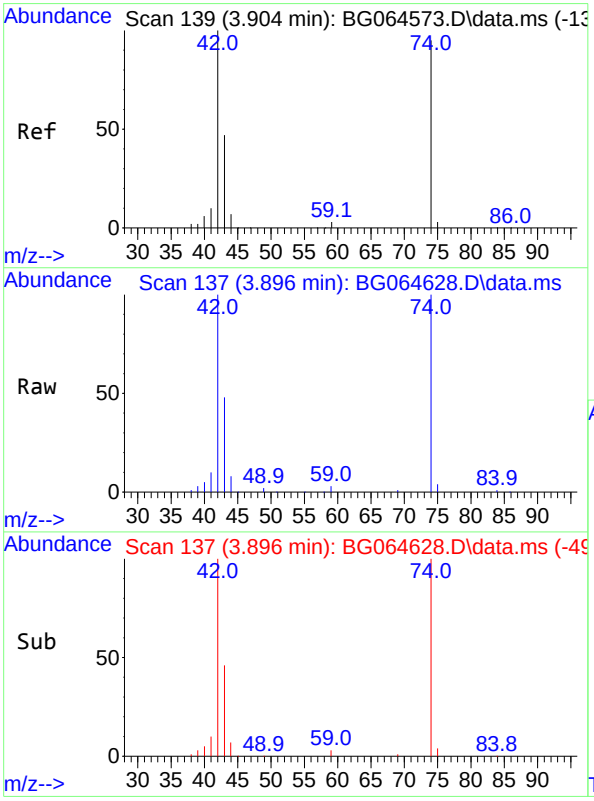

#3
Pyridine
Concen: 36.197 ng
RT: 3.990 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 79 Resp: 91183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 117.1 | 94.2 | 141.2 |
| 51 | 55.6 | 46.1 | 69.1 |

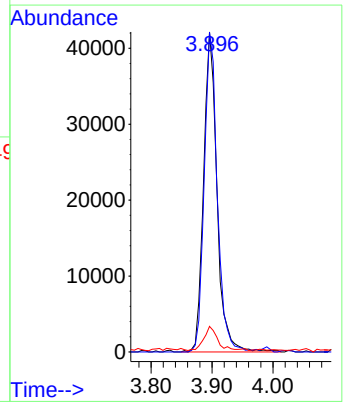


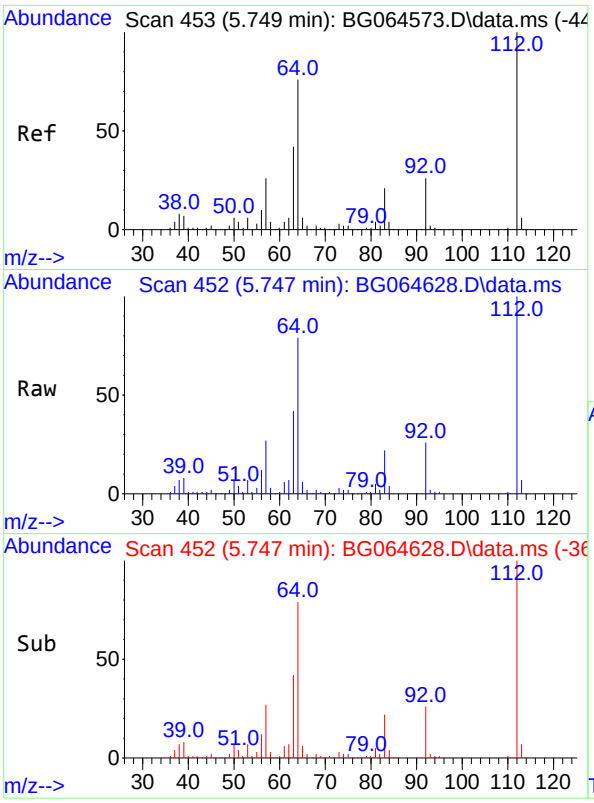




#4
n-Nitrosodimethylamine
Concen: 47.785 ng
RT: 3.896 min Scan# 137
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 42 Resp: 64553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 99.8 | 76.1 | 114.1 |
| 44 | 8.0 | 6.3 | 9.5 |



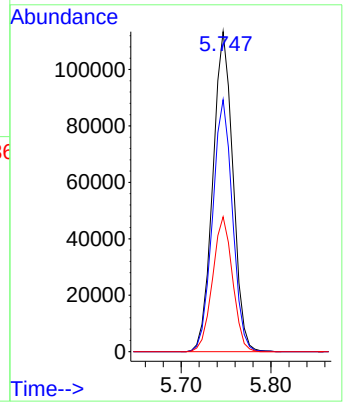


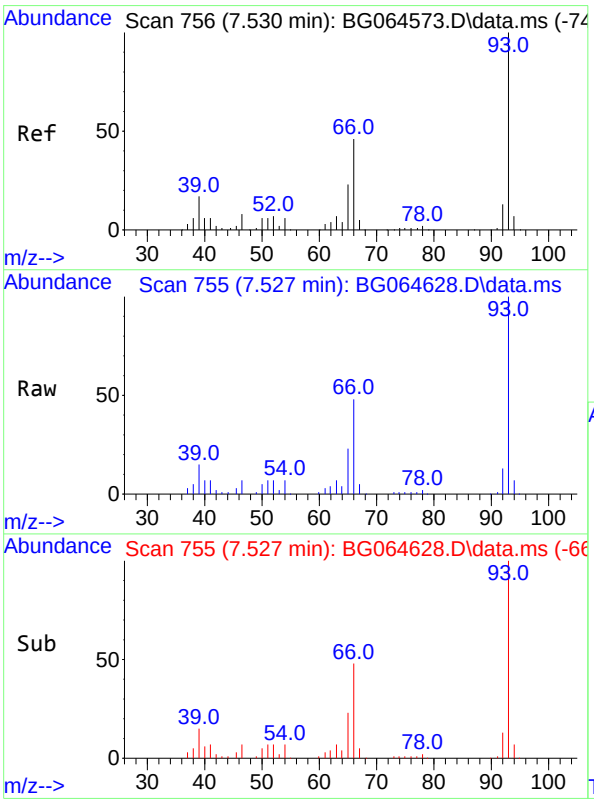

#5
2-Fluorophenol
Concen: 92.942 ng
RT: 5.747 min Scan# 4
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:112 Resp: 176100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 78.8 | 60.7 | 91.1 |
| 63 | 42.2 | 33.4 | 50.0 |

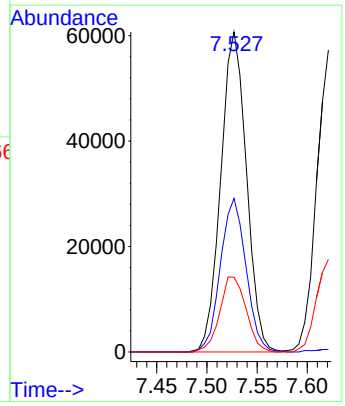


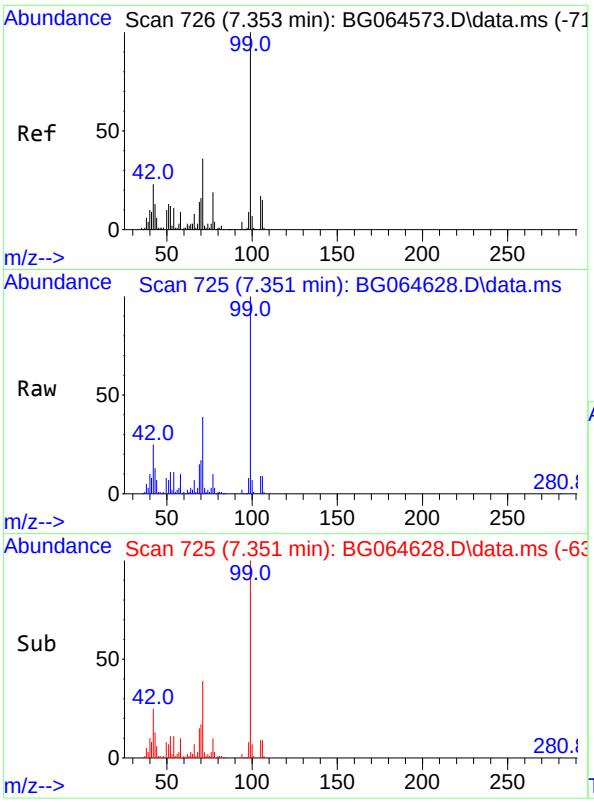




#6
Aniline
Concen: 30.493 ng
RT: 7.527 min Scan# 755
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 93 Resp: 107880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 48.0 | 37.0 | 55.6 |
| 65 | 23.4 | 18.3 | 27.5 |



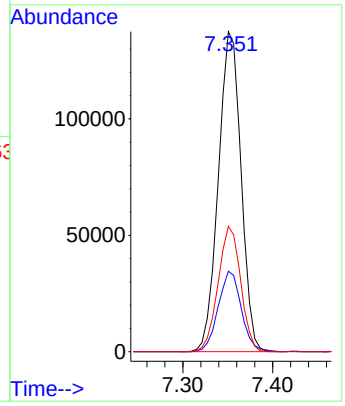


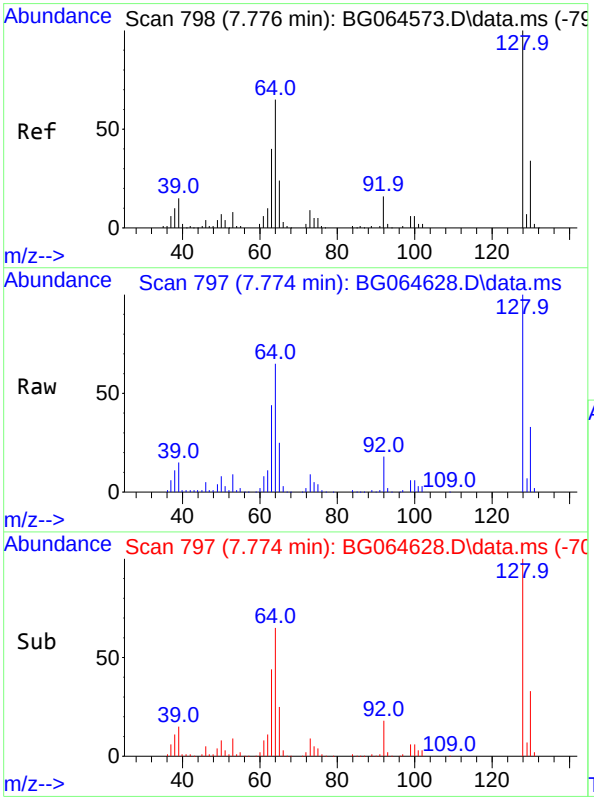

#7
Phenol-d6
Concen: 92.637 ng
RT: 7.351 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 99 Resp: 240854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.2 | 18.3 | 27.5 |
| 71 | 39.1 | 28.6 | 43.0 |

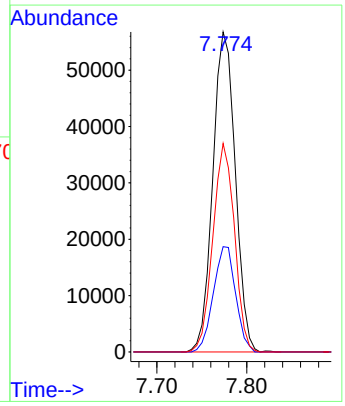


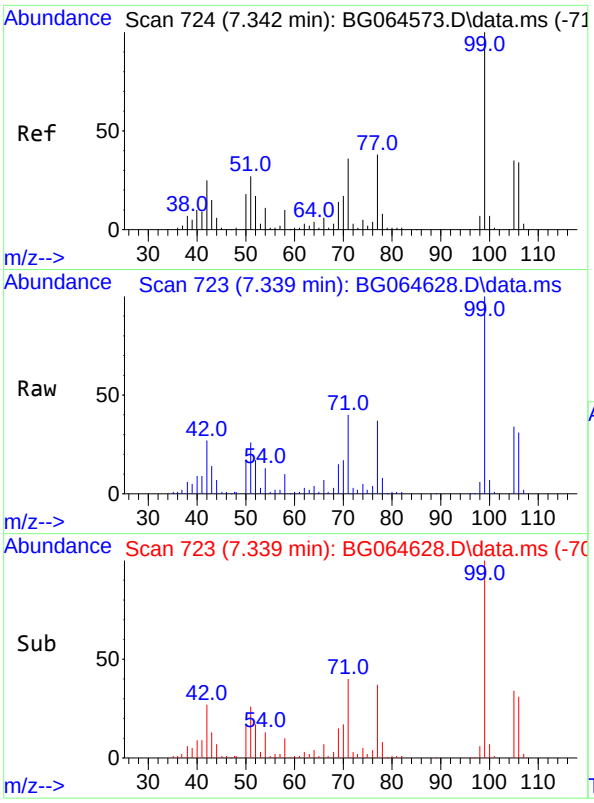




#8
2-Chlorophenol
Concen: 49.746 ng
RT: 7.774 min Scan# 797
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:128 Resp: 98657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 13.5 | 53.5 |
| 64 | 65.2 | 45.2 | 85.2 |



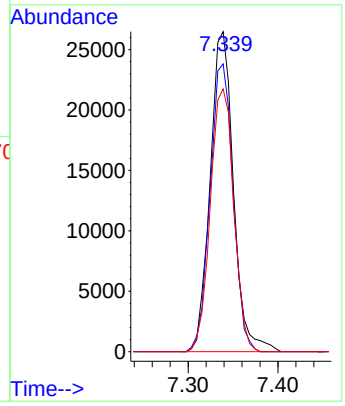


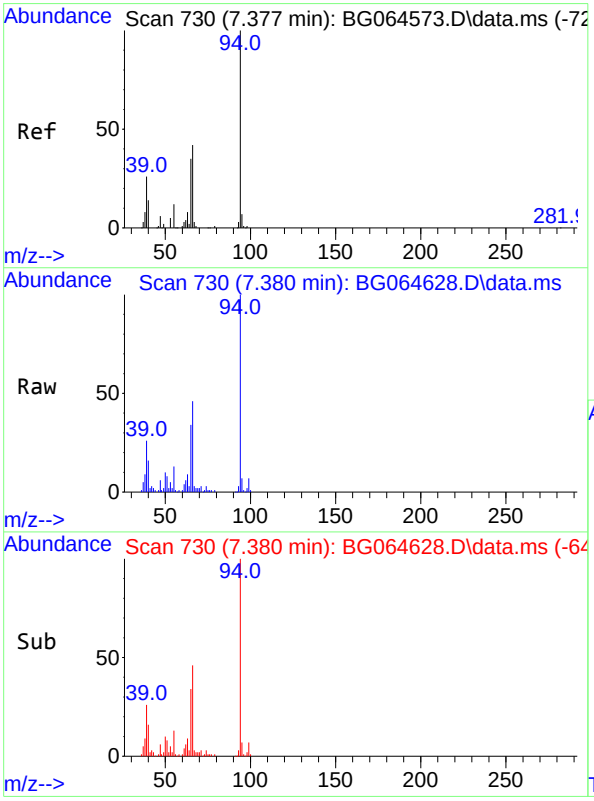

#9
Benzaldehyde
Concen: 33.562 ng
RT: 7.339 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 77 Resp: 47639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 90.0 | 72.9 | 112.9 |
| 106 | 82.1 | 70.8 | 110.8 |

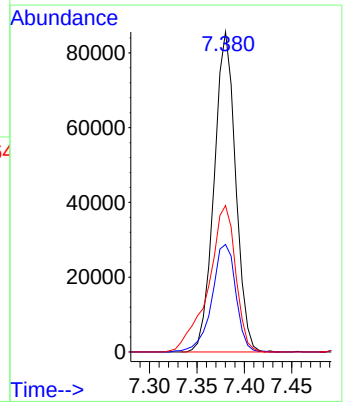


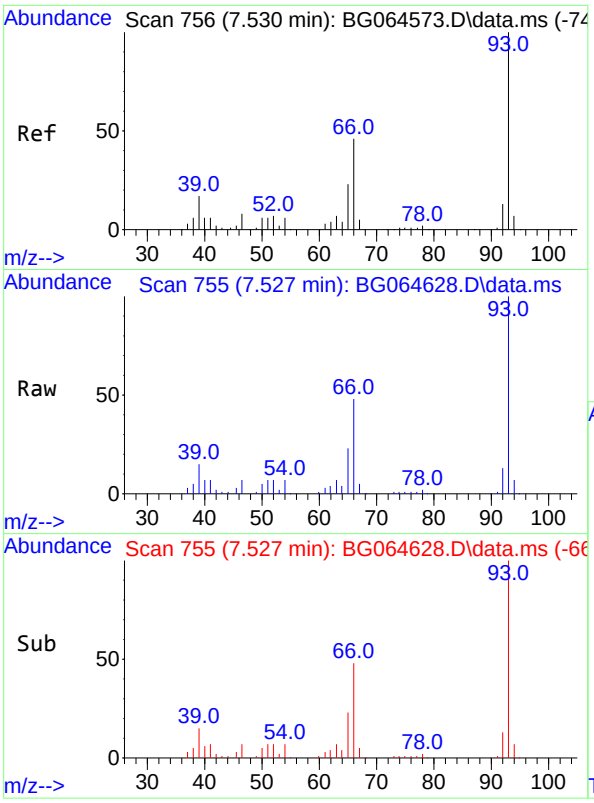




#10
Phenol
Concen: 46.926 ng
RT: 7.380 min Scan# 730
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 94 Resp: 134929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.6 | 15.8 | 55.8 |
| 66 | 45.7 | 24.0 | 64.0 |



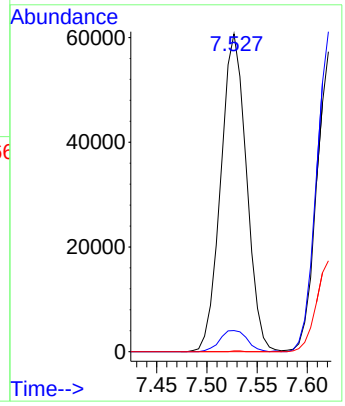


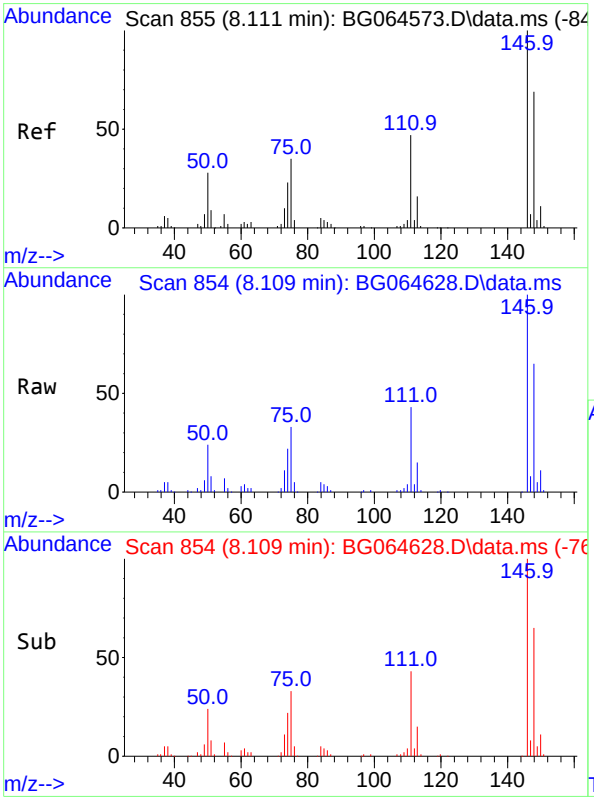

#11
bis(2-Chloroethyl)ether
Concen: 30.493 ng
RT: 7.527 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 93 Resp: 107880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 6.7 | 0.0 | 27.4 |
| 95 | 0.3 | 0.0 | 20.2 |

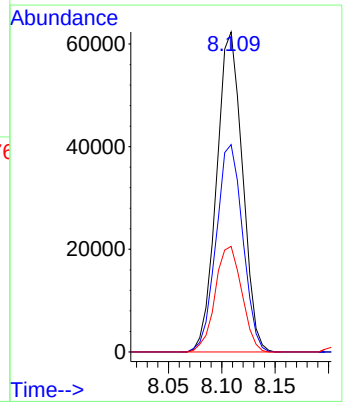


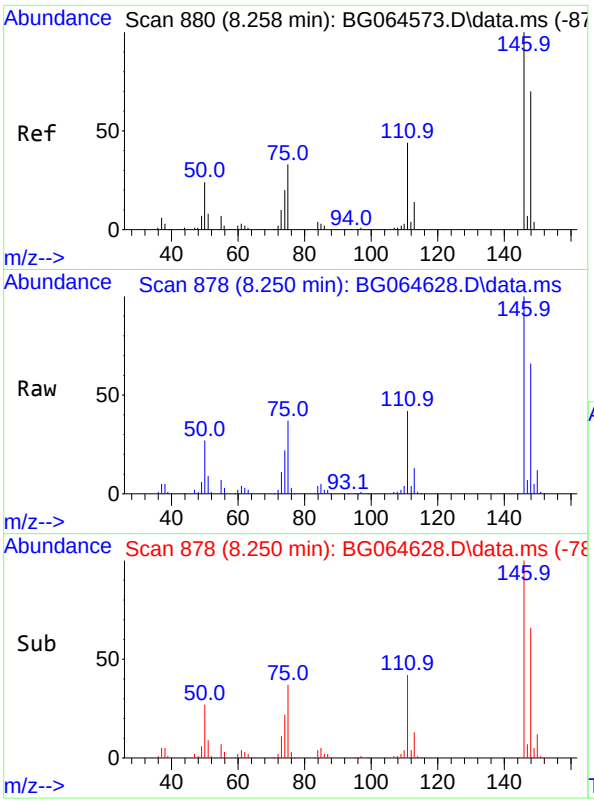




#12
1,3-Dichlorobenzene
Concen: 46.058 ng
RT: 8.109 min Scan# 854
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:146 Resp: 105133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 55.3 | 82.9 |
| 75 | 33.0 | 28.2 | 42.2 |



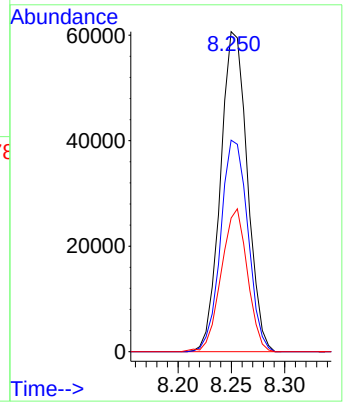


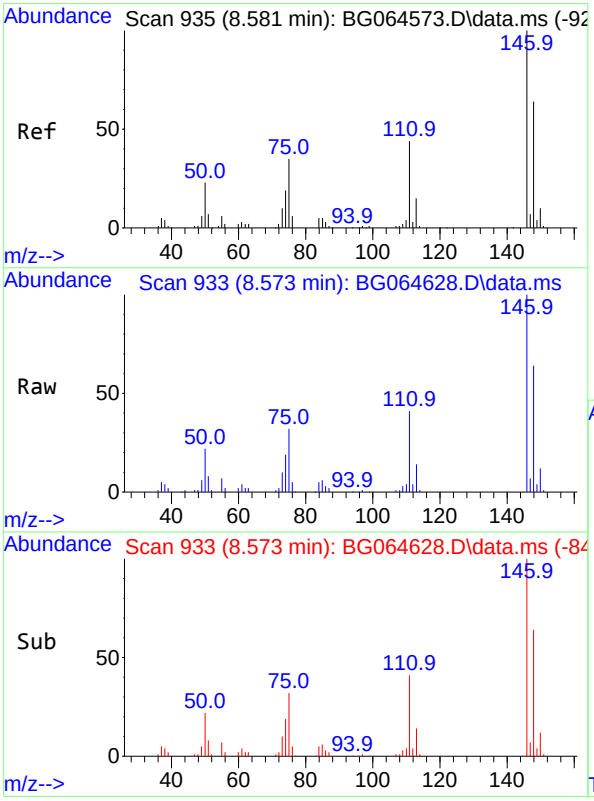

#13
1,4-Dichlorobenzene
Concen: 45.698 ng
RT: 8.250 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:146 Resp: 106063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.1 | 56.2 | 84.4 |
| 111 | 41.8 | 35.4 | 53.0 |

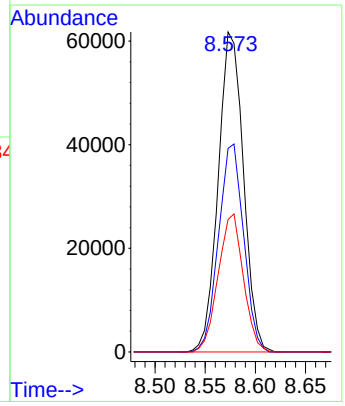


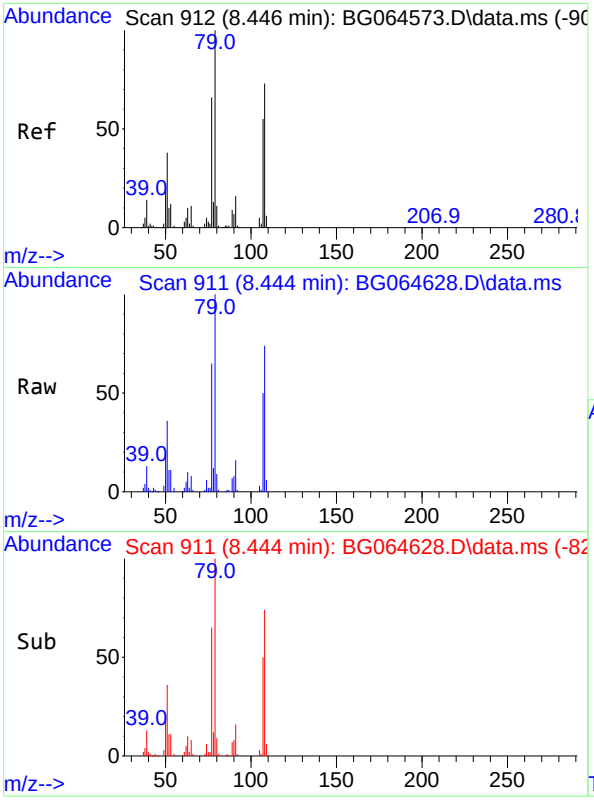




#14
1,2-Dichlorobenzene
Concen: 48.136 ng
RT: 8.573 min Scan# 933
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:146 Resp: 107759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 51.5 | 77.3 |
| 111 | 41.4 | 35.0 | 52.6 |



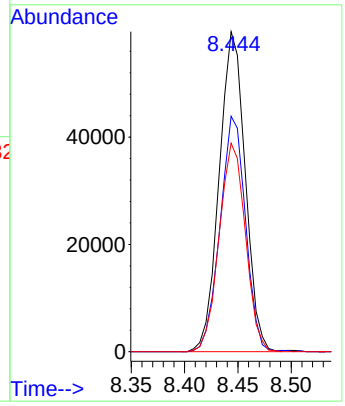


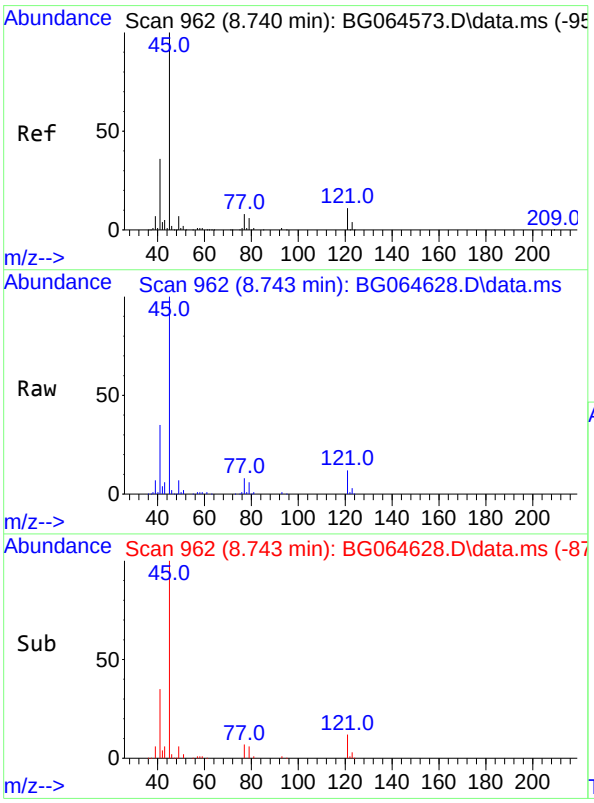

#15
Benzyl Alcohol
Concen: 47.091 ng
RT: 8.444 min Scan# 9
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 79 Resp: 100962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.5 | 58.1 | 87.1 |
| 77 | 65.1 | 52.8 | 79.2 |

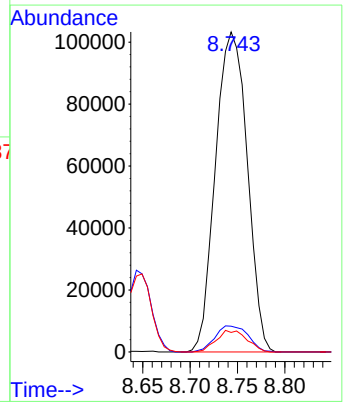


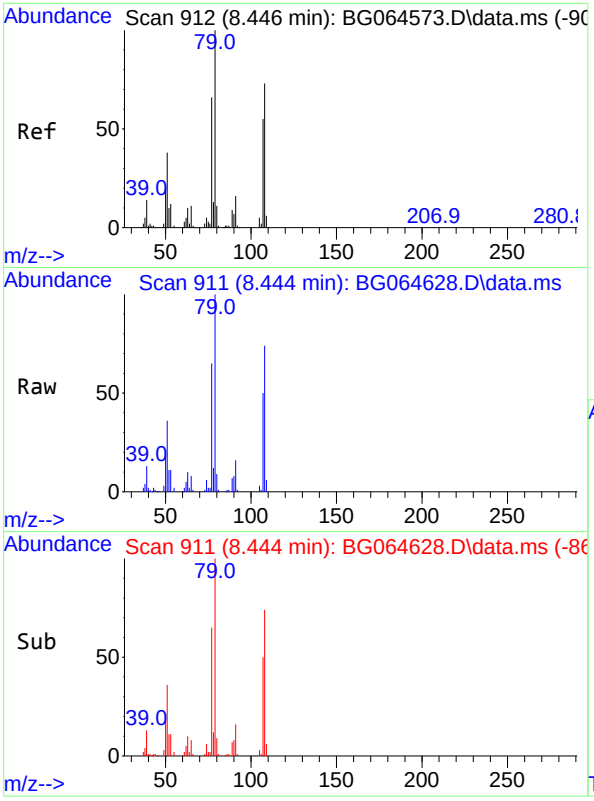




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.406 ng
RT: 8.743 min Scan# 962
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 45 Resp: 240700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 8.1 | 0.0 | 28.5 |
| 79 | 6.1 | 0.0 | 25.6 |



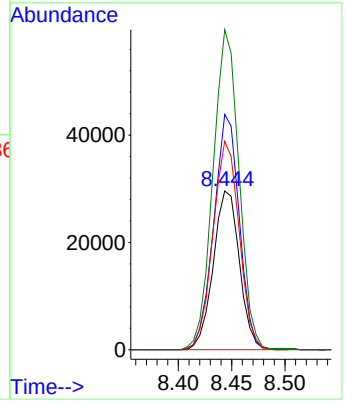


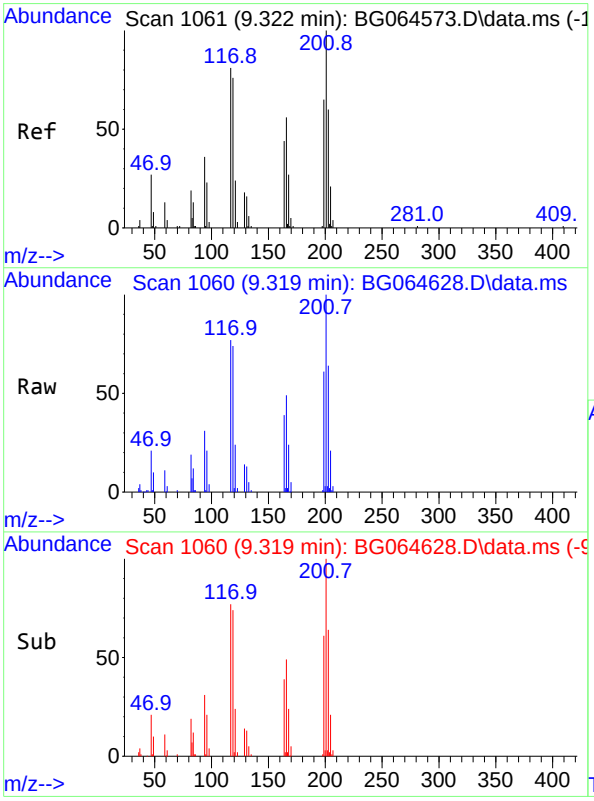

#17
2-Methylphenol
Concen: 47.146 ng
RT: 8.444 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:107 Resp: 50526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 148.3 | 106.4 | 159.6 |
| 77 | 131.3 | 96.7 | 145.1 |
| 79 | 201.6 | 146.6 | 219.8 |

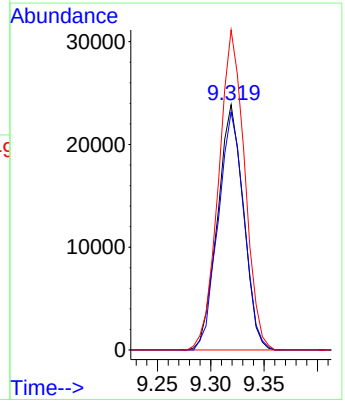


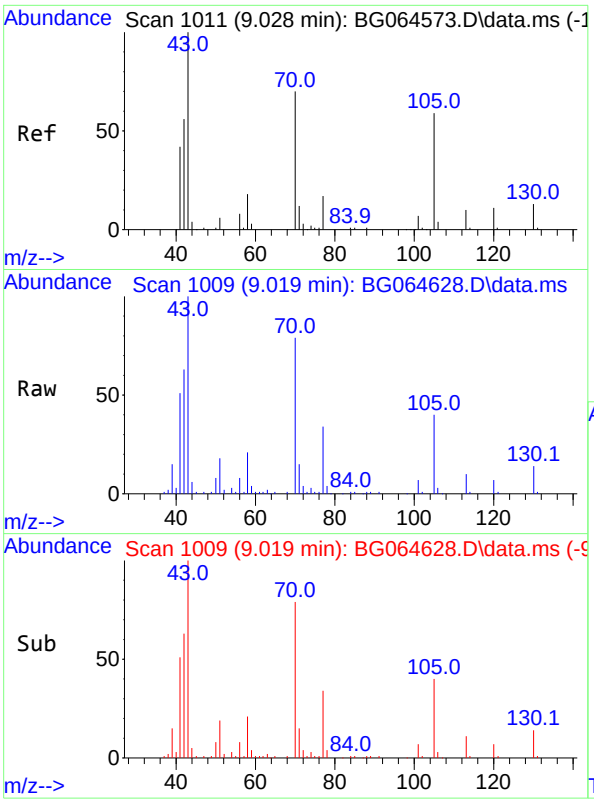




#18
Hexachloroethane
Concen: 49.488 ng
RT: 9.319 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:117 Resp: 40307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.0 | 75.4 | 113.2 |
| 201 | 130.5 | 99.2 | 148.8 |



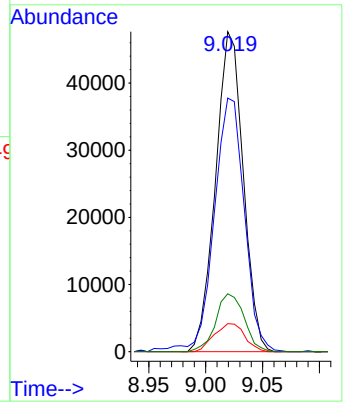


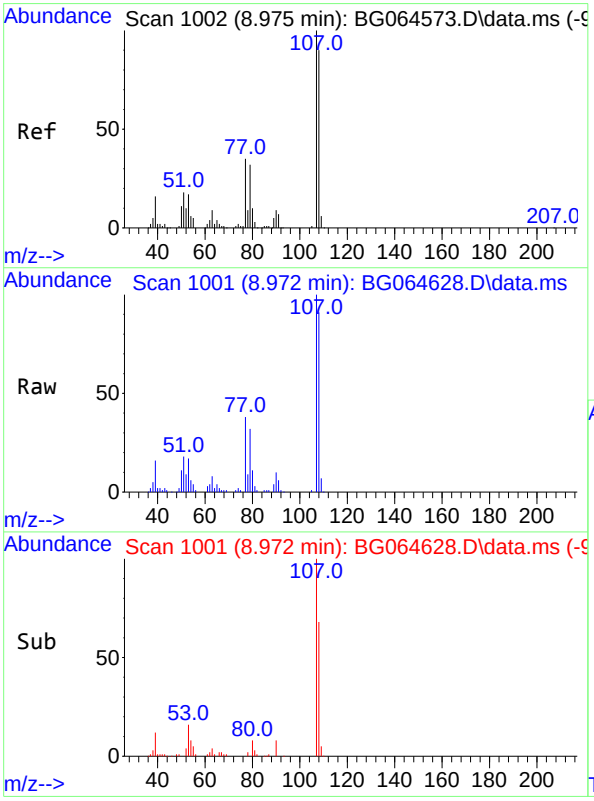

#19
n-Nitroso-di-n-propylamine
Concen: 44.910 ng
RT: 9.019 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 70 Resp: 80697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 79.2 | 65.2 | 97.8 |
| 101 | 8.7 | 7.9 | 11.9 |
| 130 | 18.1 | 14.3 | 21.5 |

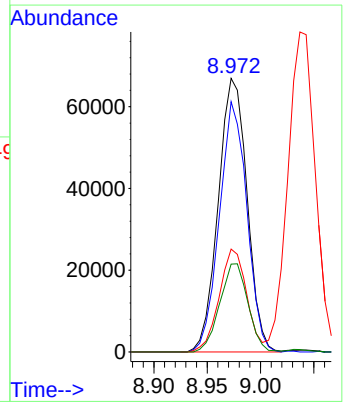


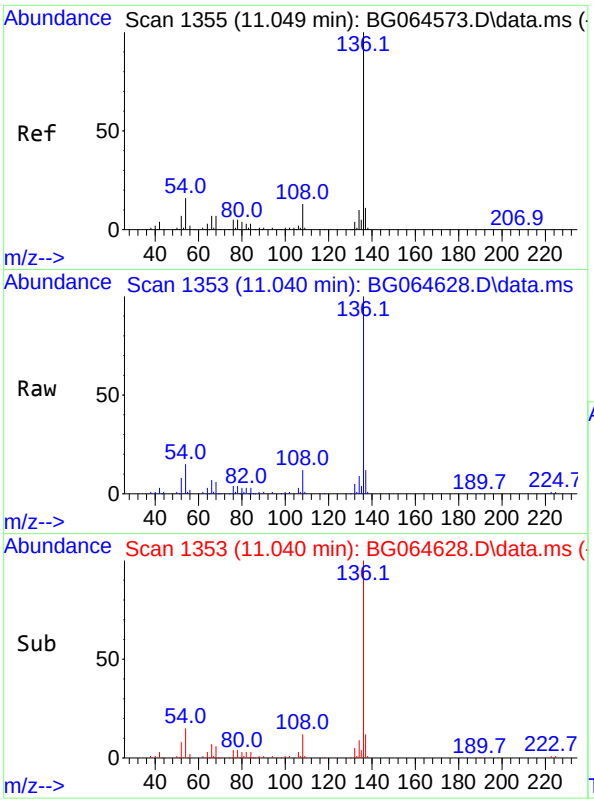




#20
3+4-Methylphenols
Concen: 46.893 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:107 Resp: 125897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.4 | 70.3 | 110.3 |
| 77 | 37.6 | 14.6 | 54.6 |
| 79 | 32.1 | 11.7 | 51.7 |



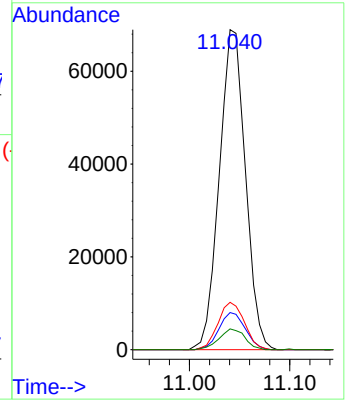


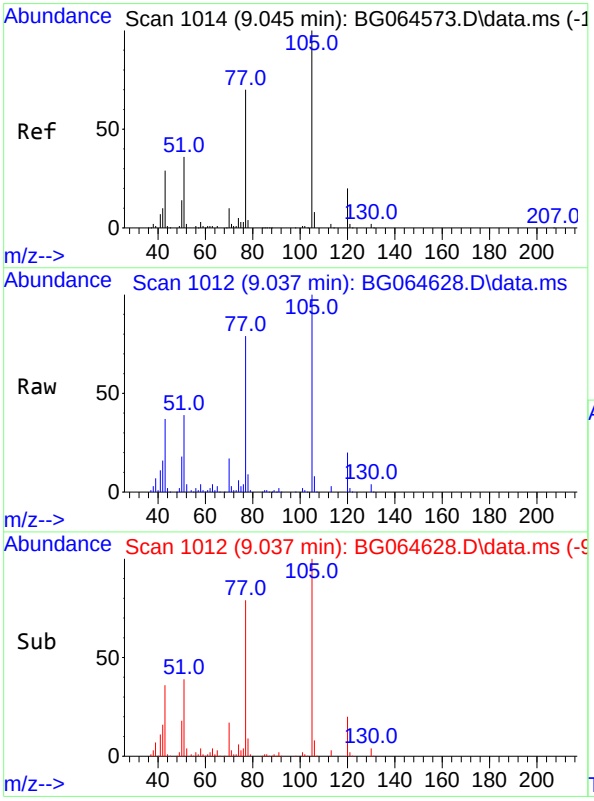

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.040 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:136 Resp: 124534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.2 | 13.8 |
| 54 | 14.8 | 12.6 | 19.0 |
| 68 | 6.5 | 5.7 | 8.5 |

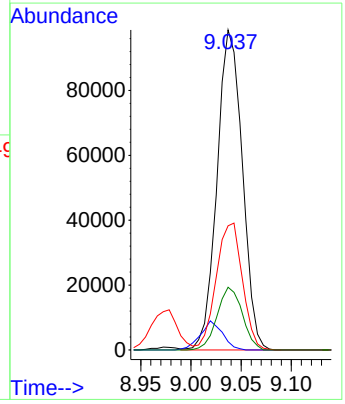


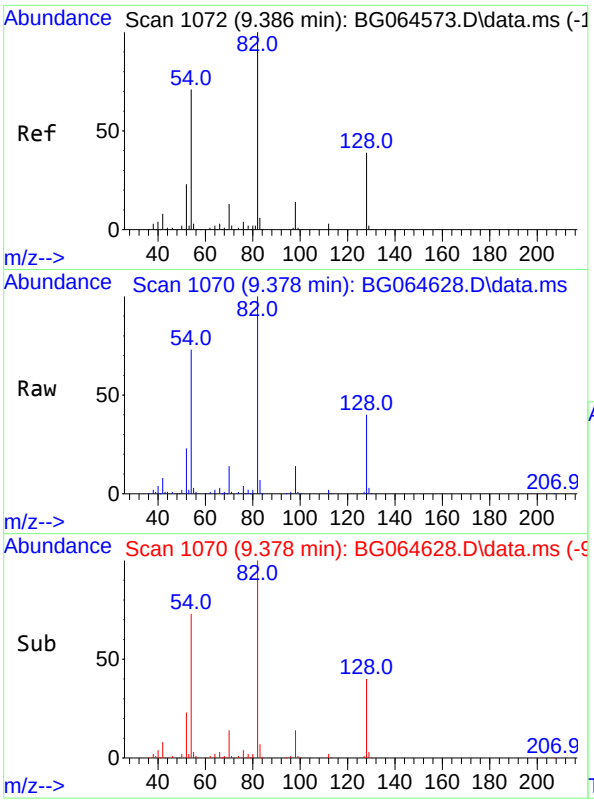




#22
Acetophenone
Concen: 50.758 ng
RT: 9.037 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:105 Resp: 172795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.6 | 1.5 | 2.3# |
| 51 | 38.8 | 33.7 | 50.5 |
| 120 | 19.6 | 16.1 | 24.1 |



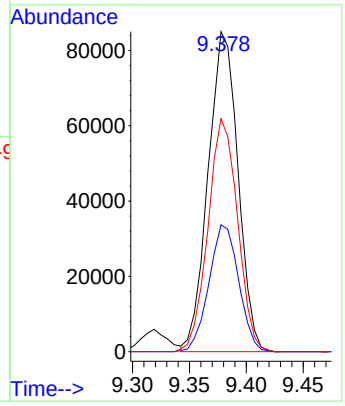


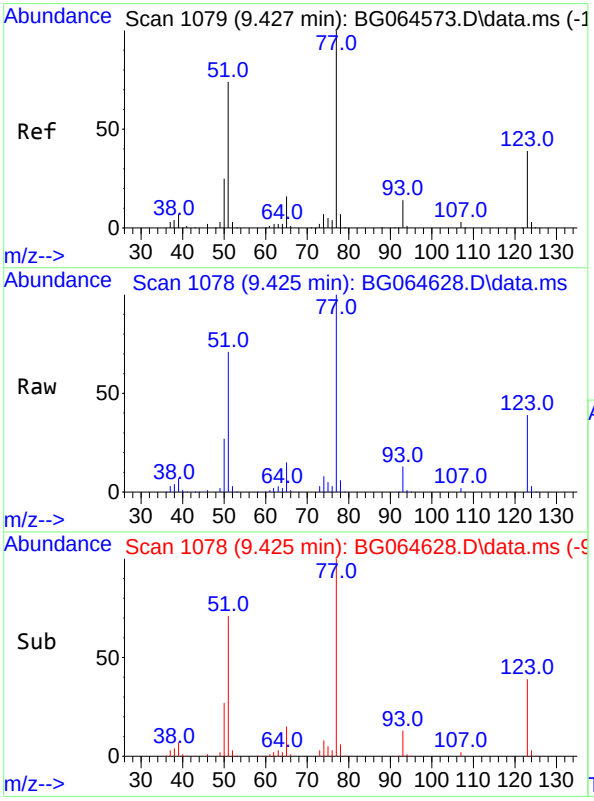

#23
Nitrobenzene-d5
Concen: 74.861 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 82 Resp: 155218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.7 | 31.3 | 46.9 |
| 54 | 72.8 | 56.6 | 84.8 |

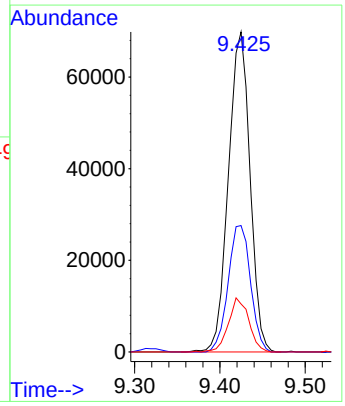


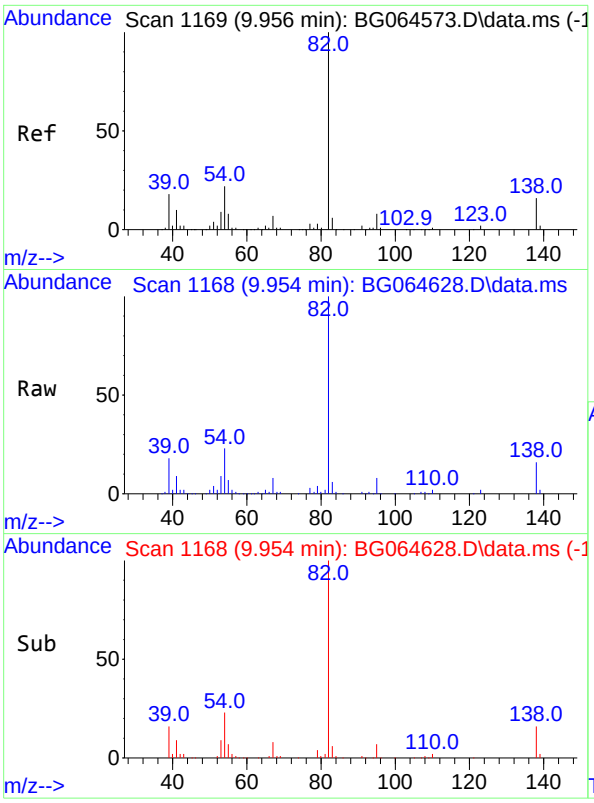




#24
Nitrobenzene
Concen: 54.514 ng
RT: 9.425 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 77 Resp: 122938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 39.5 | 31.0 | 46.6 |
| 65 | 15.0 | 12.7 | 19.1 |



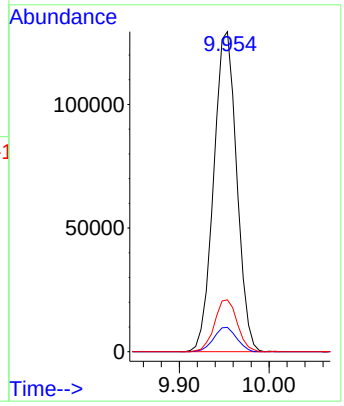


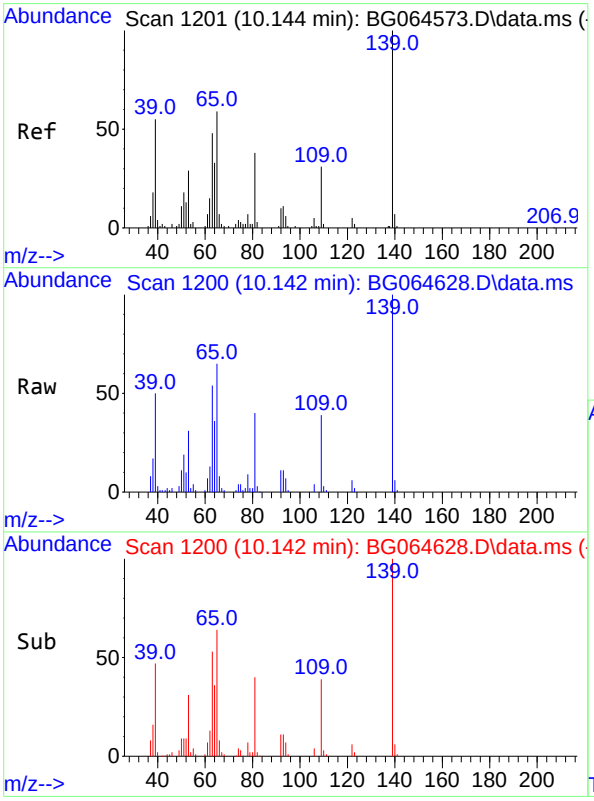

#25
Isophorone
Concen: 46.278 ng
RT: 9.954 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 82 Resp: 230244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.6 | 6.1 | 9.1 |
| 138 | 16.2 | 13.0 | 19.4 |

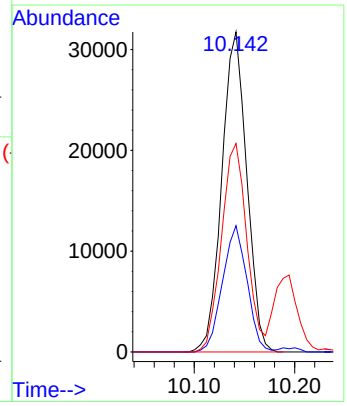


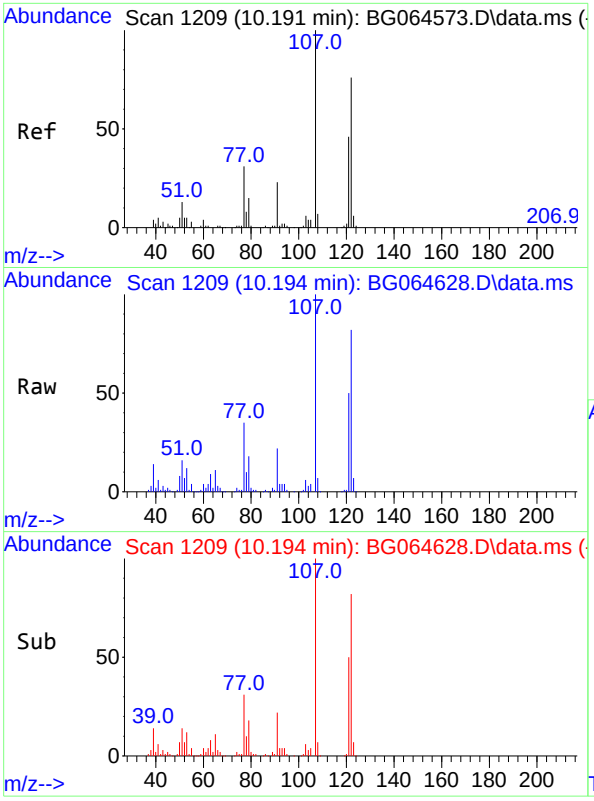




#26
2-Nitrophenol
Concen: 62.001 ng
RT: 10.142 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:139 Resp: 54798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 39.5 | 24.6 | 37.0# |
| 65 | 65.2 | 47.5 | 71.3 |



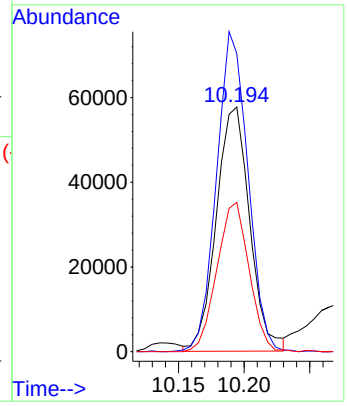


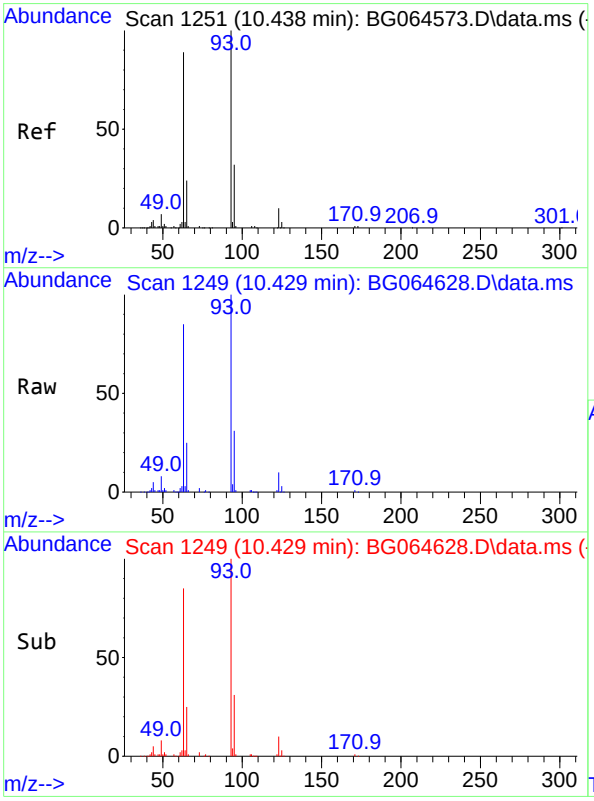

#27
2,4-Dimethylphenol
Concen: 54.121 ng
RT: 10.194 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:122 Resp: 102164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 121.8 | 103.0 | 154.4 |
| 121 | 61.0 | 47.8 | 71.8 |

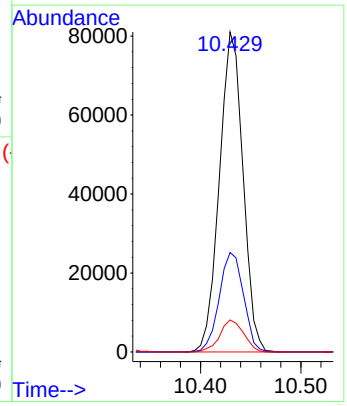


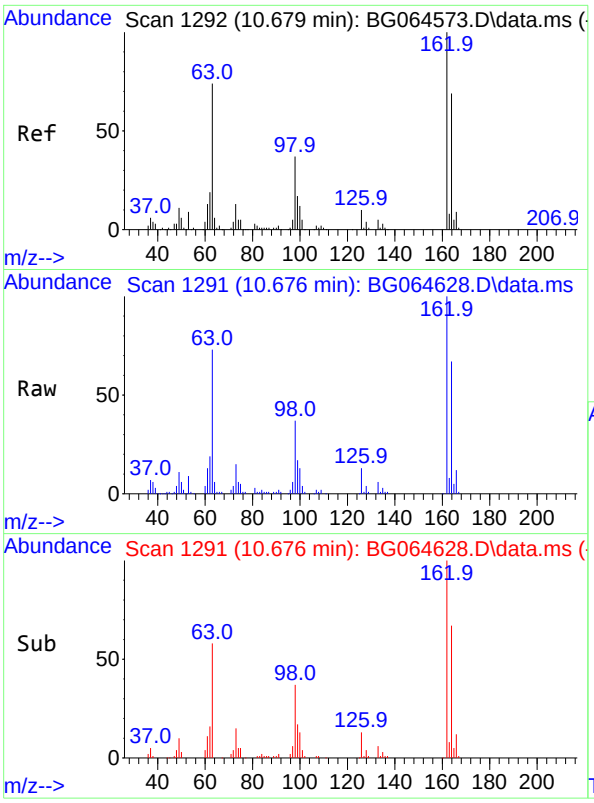




#28
bis(2-Chloroethoxy)methane
Concen: 46.587 ng
RT: 10.429 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 93 Resp: 131967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.1 | 25.4 | 38.2 |
| 123 | 10.0 | 8.4 | 12.6 |



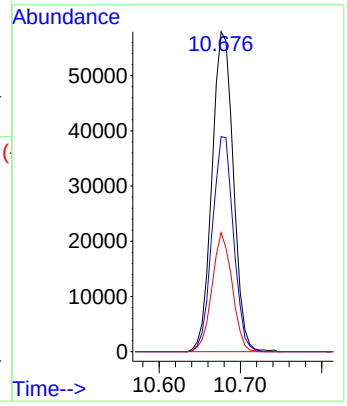


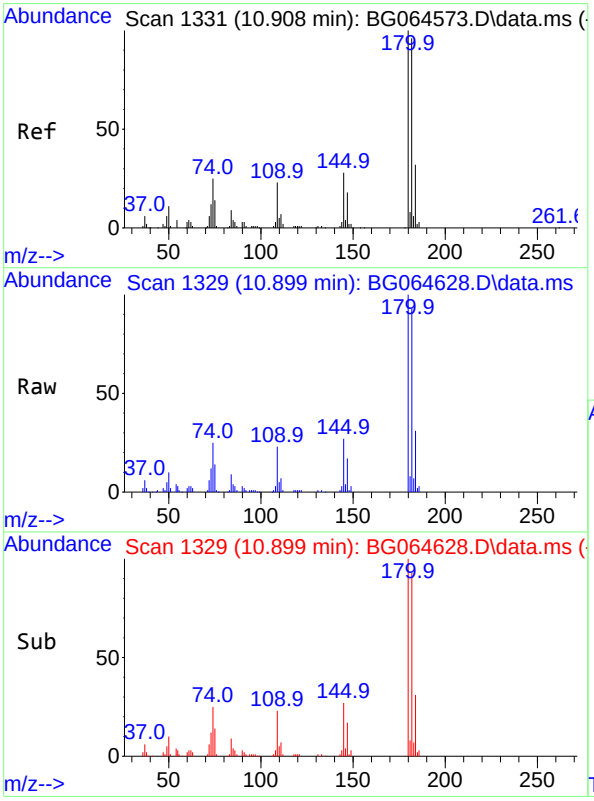

#29
2,4-Dichlorophenol
Concen: 53.143 ng
RT: 10.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:162 Resp: 105842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.2 | 48.7 | 88.7 |
| 98 | 37.2 | 16.9 | 56.9 |

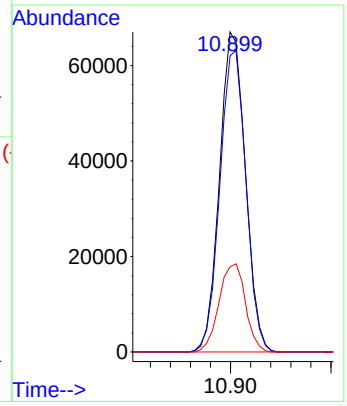


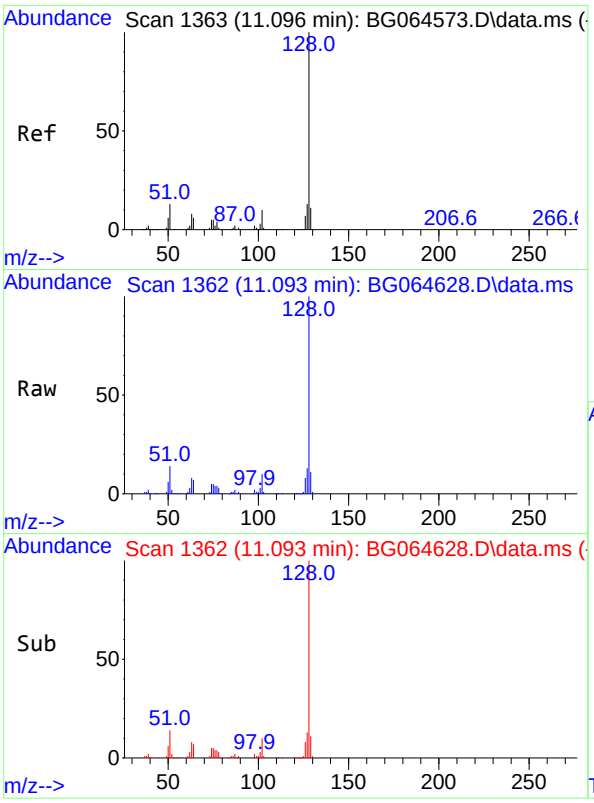




#30
1,2,4-Trichlorobenzene
Concen: 52.868 ng
RT: 10.899 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:180 Resp: 119635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.6 | 76.9 | 115.3 |
| 145 | 26.6 | 22.1 | 33.1 |



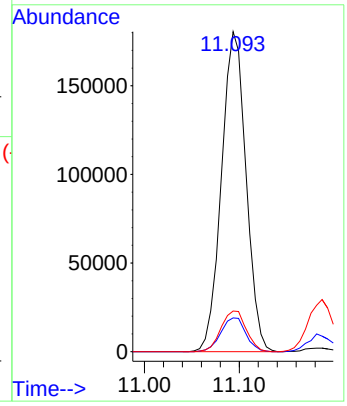


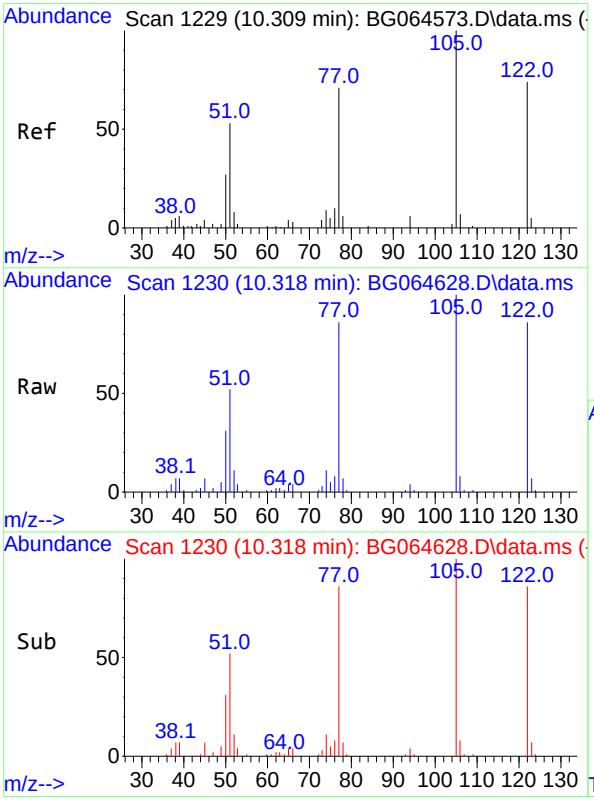

#31
Naphthalene
Concen: 47.081 ng
RT: 11.093 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:128 Resp: 325077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.6 | 8.8 | 13.2 |
| 127 | 12.7 | 10.6 | 15.8 |

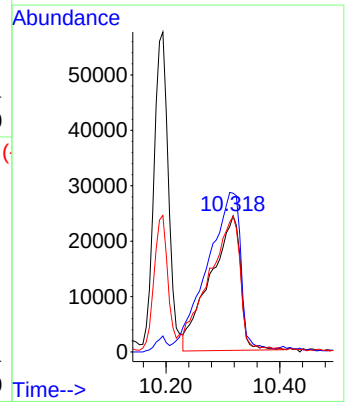


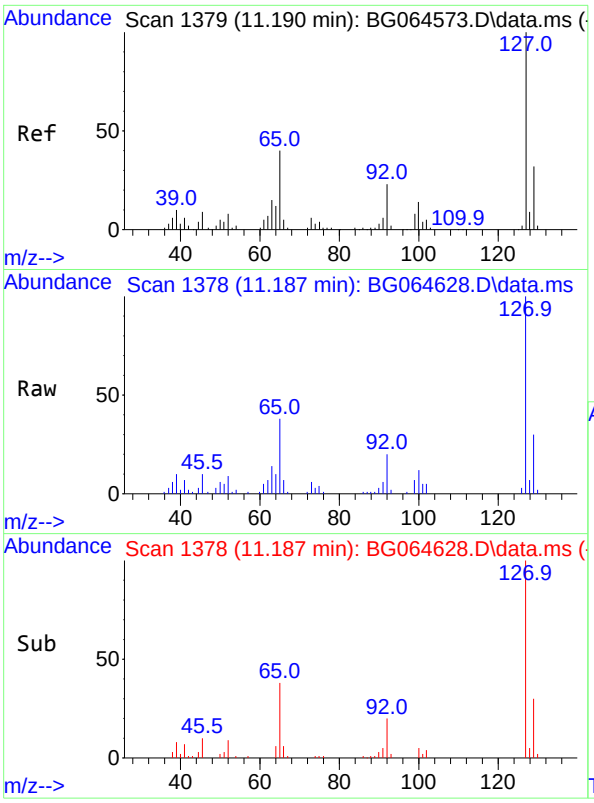




#32
Benzoic acid
Concen: 63.358 ng
RT: 10.318 min Scan# 1230
Delta R.T. -0.024 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:122 Resp: 89736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 116.5 | 104.2 | 144.2 |
| 77 | 99.7 | 70.2 | 110.2 |



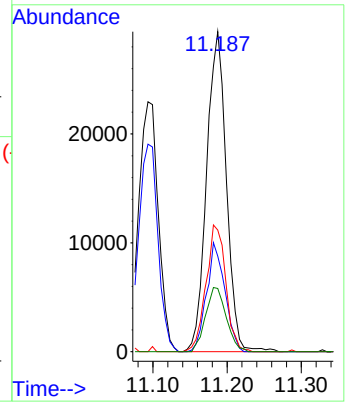


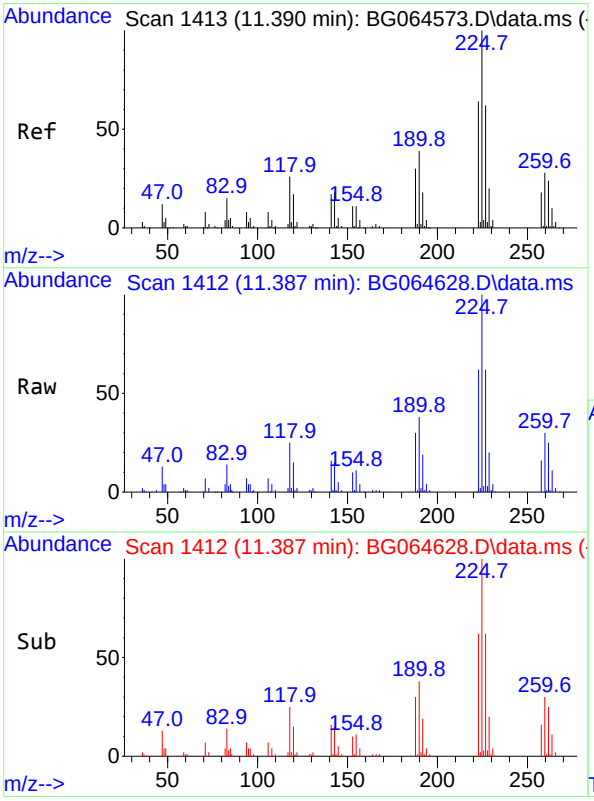

#33
4-Chloroaniline
Concen: 20.286 ng
RT: 11.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:127 Resp: 54442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 29.8 | 25.5 | 38.3 |
| 65 | 38.0 | 32.2 | 48.4 |
| 92 | 19.8 | 18.2 | 27.2 |

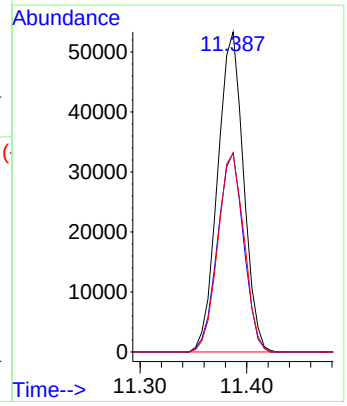


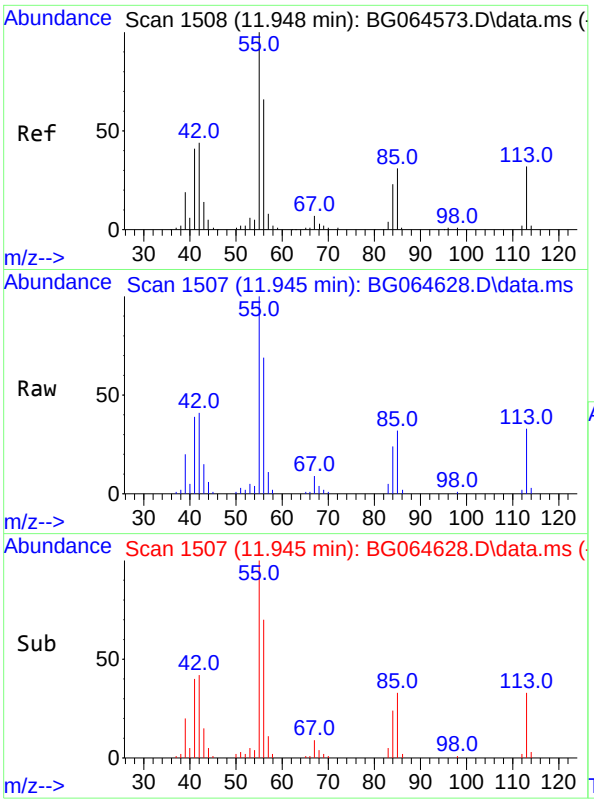




#34
Hexachlorobutadiene
Concen: 50.775 ng
RT: 11.387 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:225 Resp: 89857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.3 | 48.8 | 73.2 |
| 227 | 60.1 | 49.5 | 74.3 |



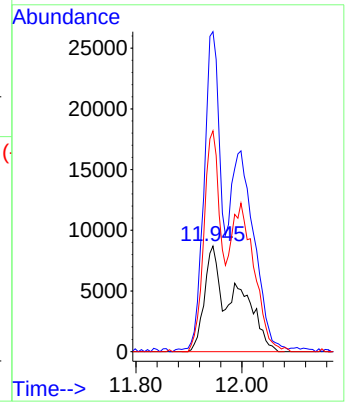


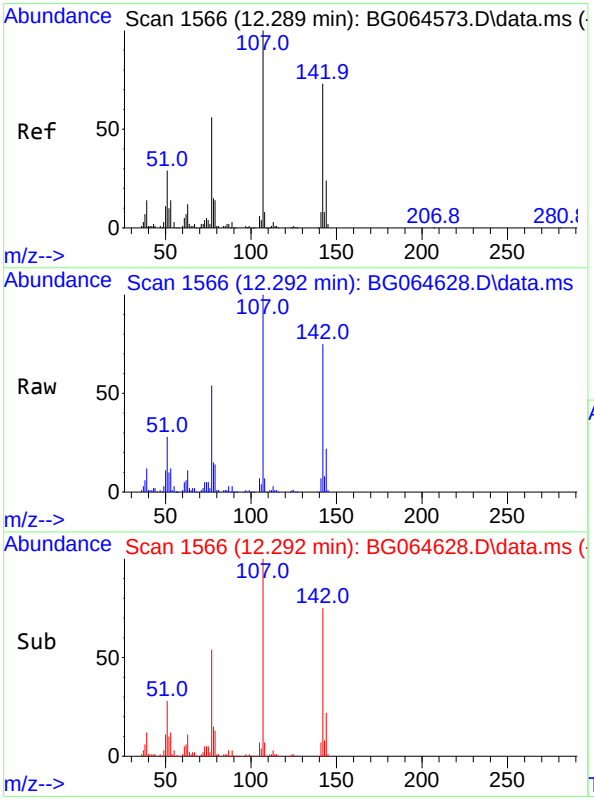

#35
Caprolactam
Concen: 46.490 ng m
RT: 11.945 min Scan# 1
Delta R.T. -0.030 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:113 Resp: 35513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 303.2 | 290.1 | 330.1 |
| 56 | 209.1 | 183.8 | 223.8 |

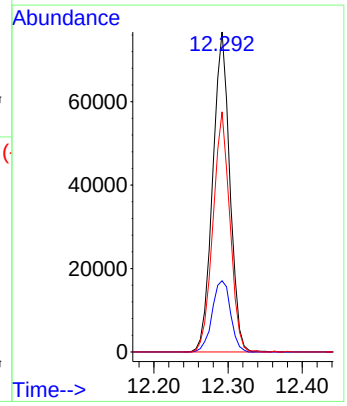


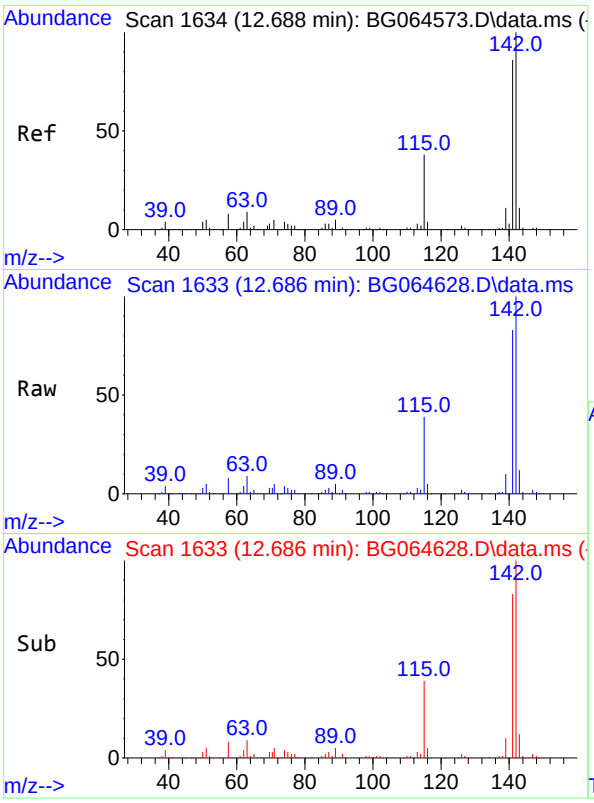




#36
4-Chloro-3-methylphenol
Concen: 51.210 ng
RT: 12.292 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:107 Resp: 122597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.3 | 19.1 | 28.7 |
| 142 | 75.1 | 58.6 | 87.8 |



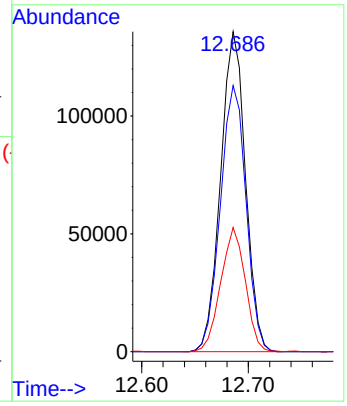


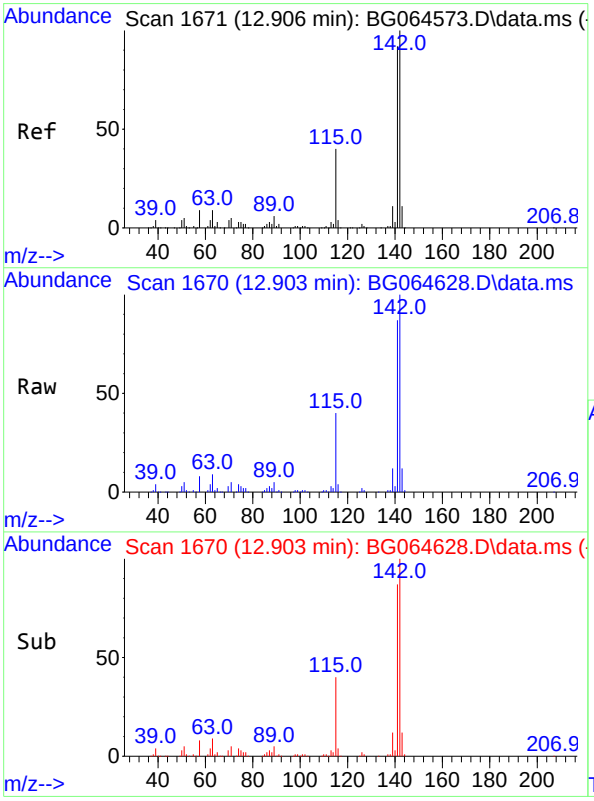

#37
2-Methylnaphthalene
Concen: 43.321 ng
RT: 12.686 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:142 Resp: 219604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.2 | 68.9 | 103.3 |
| 115 | 38.8 | 30.6 | 46.0 |

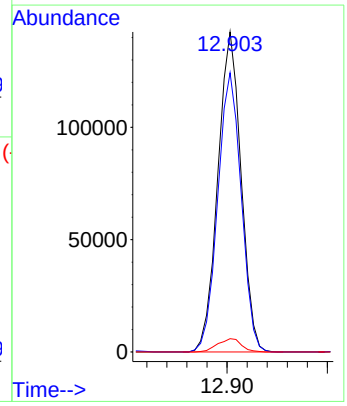


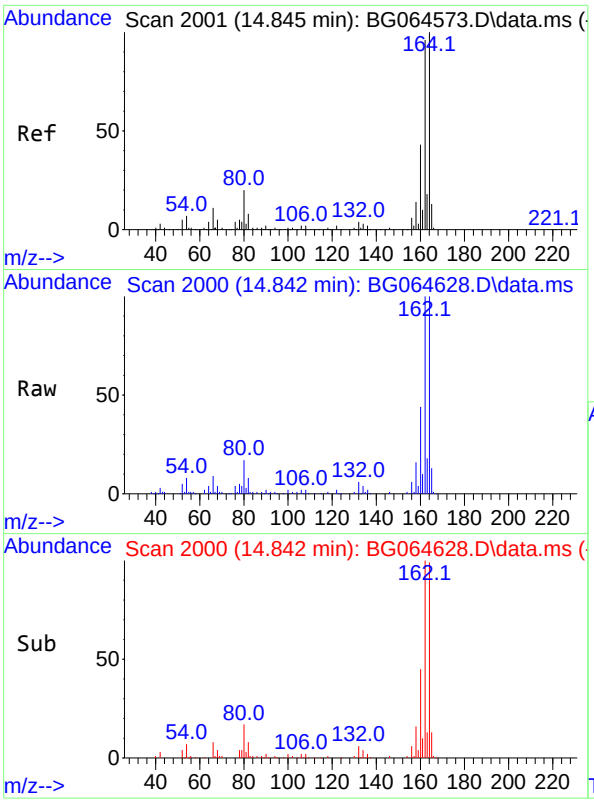




#38
1-Methylnaphthalene
Concen: 45.818 ng
RT: 12.903 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:142 Resp: 228542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.2 | 73.3 | 109.9 |
| 116 | 4.1 | 3.1 | 4.7 |



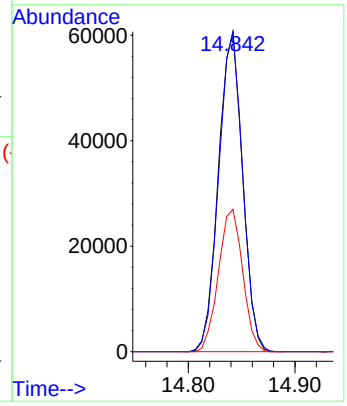


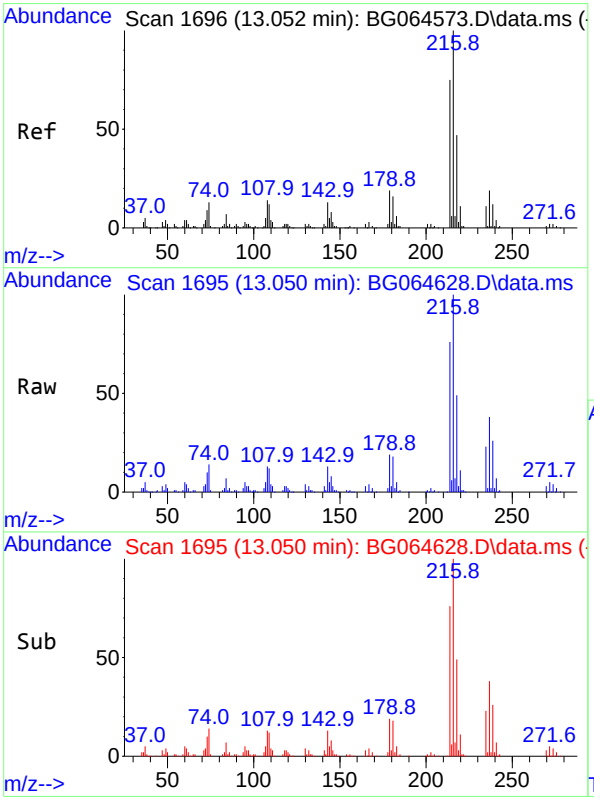

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:164 Resp: 94989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.9 | 77.0 | 115.6 |
| 160 | 44.5 | 34.4 | 51.6 |

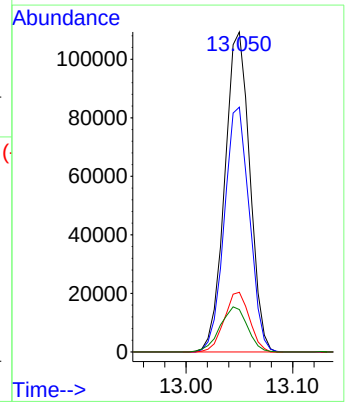


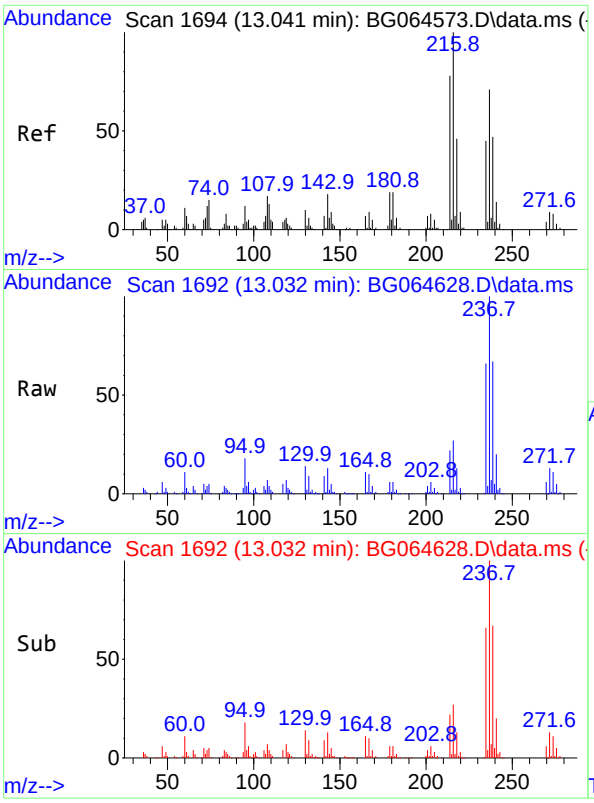




#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.934 ng
RT: 13.050 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:216 Resp: 178313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.5 | 61.4 | 92.2 |
| 179 | 18.7 | 15.4 | 23.0 |
| 108 | 15.4 | 11.8 | 17.6 |



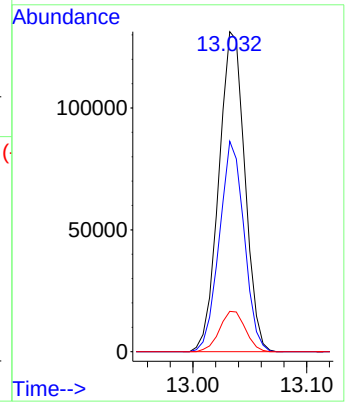


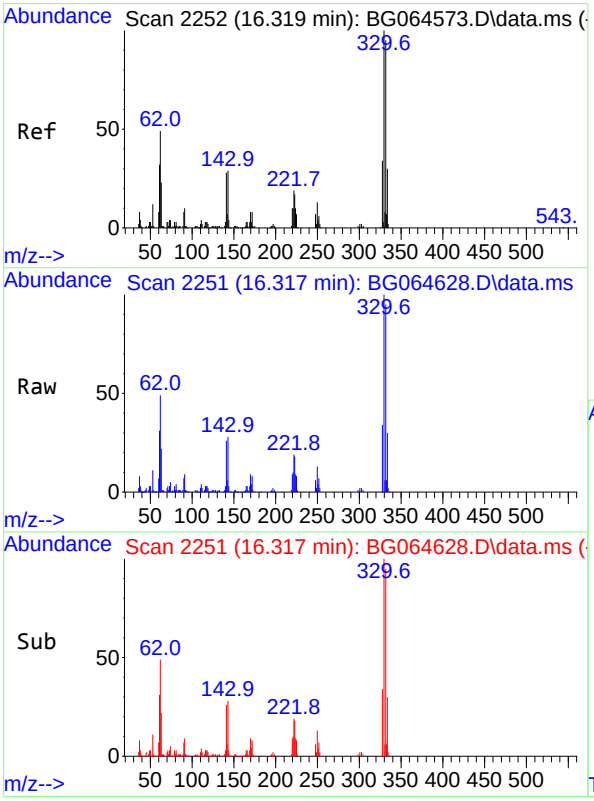

#41
Hexachlorocyclopentadiene
Concen: 145.386 ng
RT: 13.032 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:237 Resp: 208614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.8 | 44.1 | 84.1 |
| 272 | 12.6 | 0.0 | 32.4 |

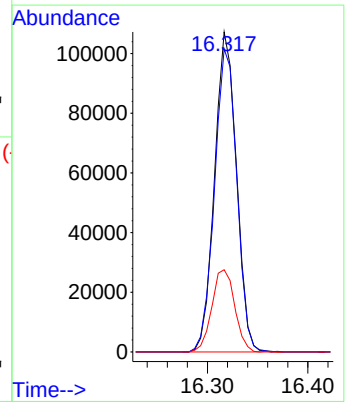


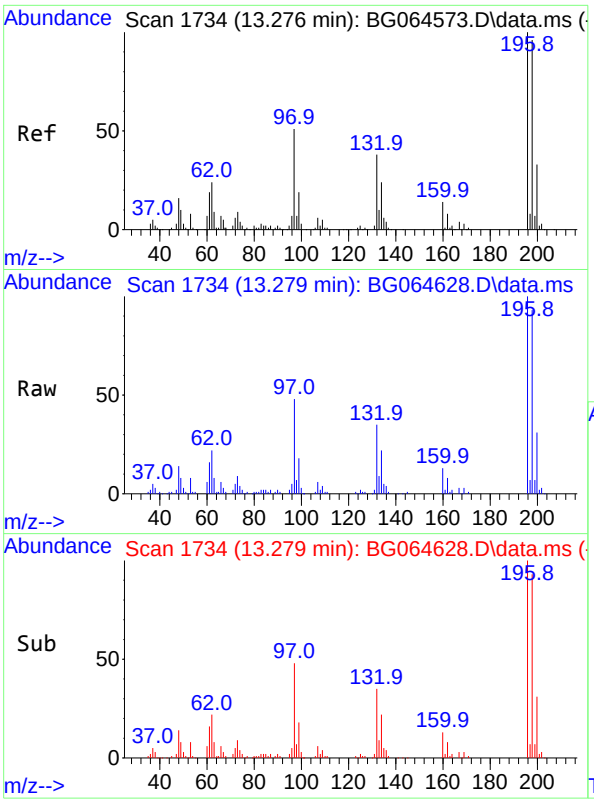




#42
2,4,6-Tribromophenol
Concen: 118.302 ng
RT: 16.317 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:330 Resp: 162190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 78.0 | 117.0 |
| 141 | 27.0 | 21.8 | 32.6 |



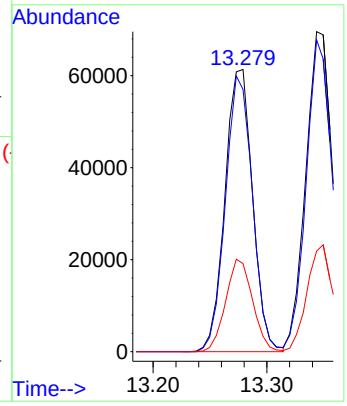


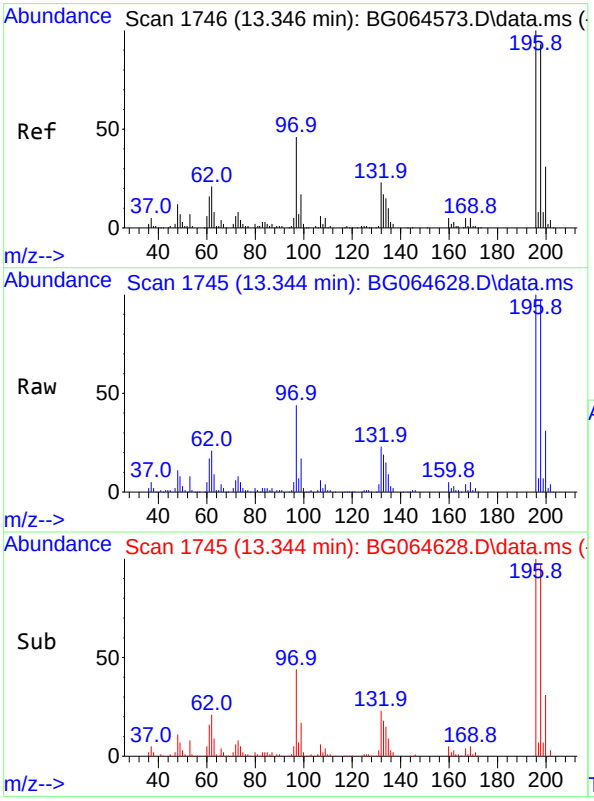

#43
2,4,6-Trichlorophenol
Concen: 56.833 ng
RT: 13.279 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:196 Resp: 103636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.9 | 76.6 | 115.0 |
| 200 | 31.2 | 26.0 | 39.0 |

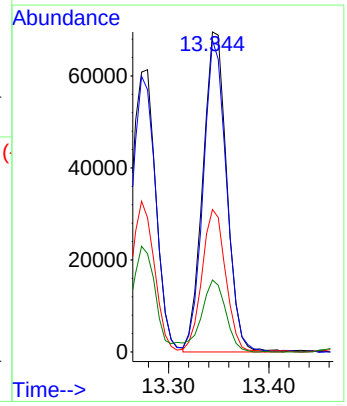


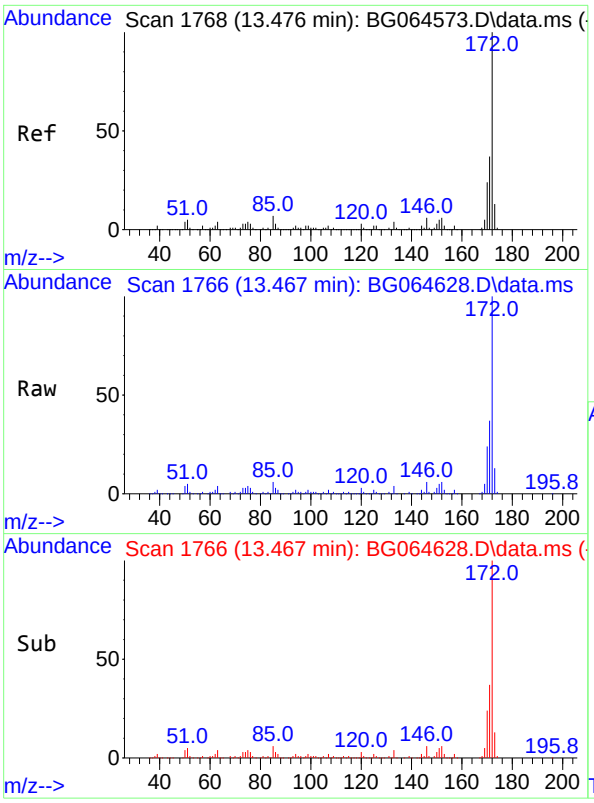




#44
2,4,5-Trichlorophenol
Concen: 54.963 ng
RT: 13.344 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:196 Resp: 115660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.4 | 74.2 | 111.4 |
| 97 | 44.5 | 37.0 | 55.6 |
| 132 | 22.5 | 18.5 | 27.7 |



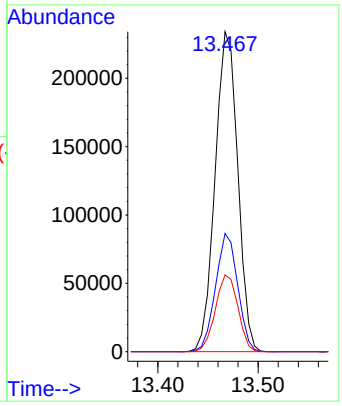


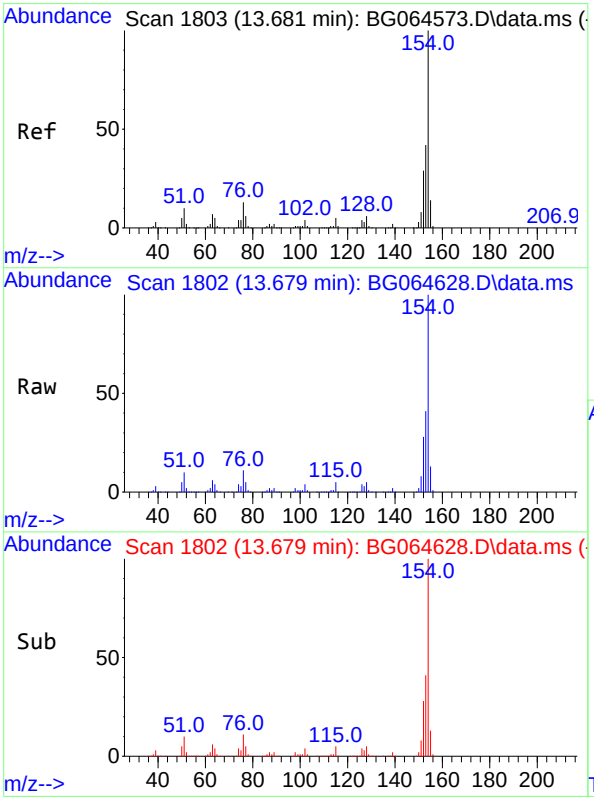

#45
2-Fluorobiphenyl
Concen: 58.437 ng
RT: 13.467 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:172 Resp: 366213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 29.4 | 44.0 |
| 170 | 24.0 | 19.1 | 28.7 |

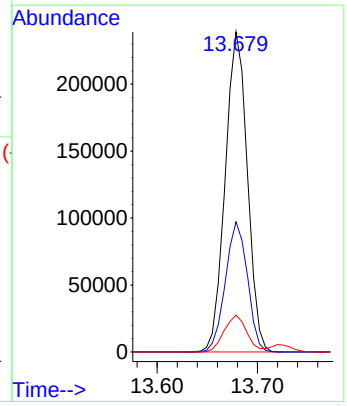


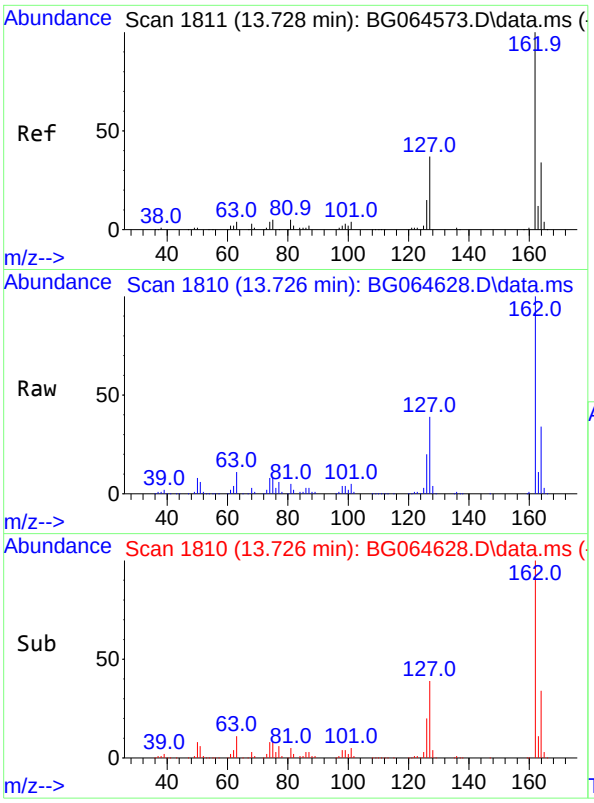




#46
1,1'-Biphenyl
Concen: 54.107 ng
RT: 13.679 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:154 Resp: 365386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 22.4 | 62.4 |
| 76 | 11.5 | 0.0 | 33.5 |



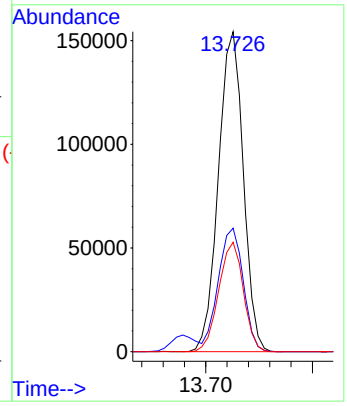


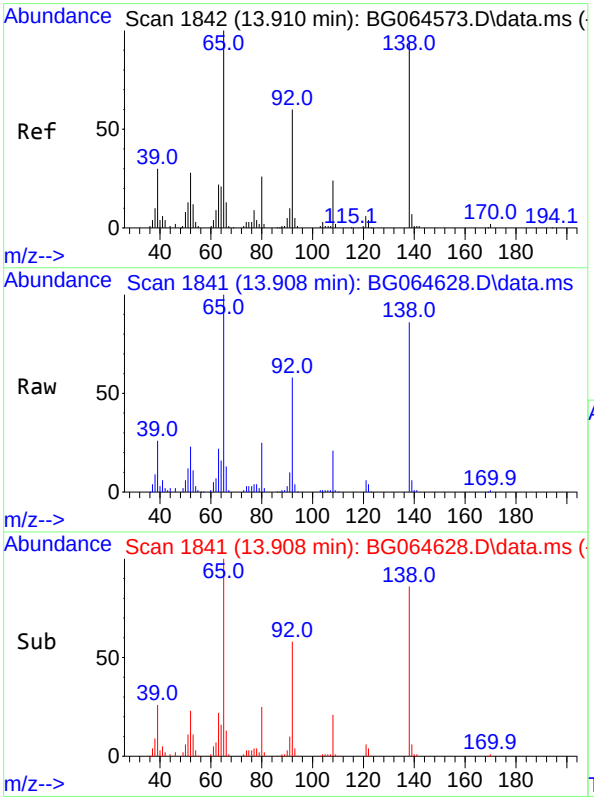

#47
2-Chloronaphthalene
Concen: 48.952 ng
RT: 13.726 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:162 Resp: 249530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.6 | 32.2 | 48.2 |
| 164 | 34.2 | 27.5 | 41.3 |

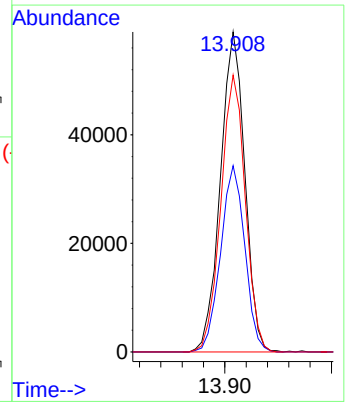


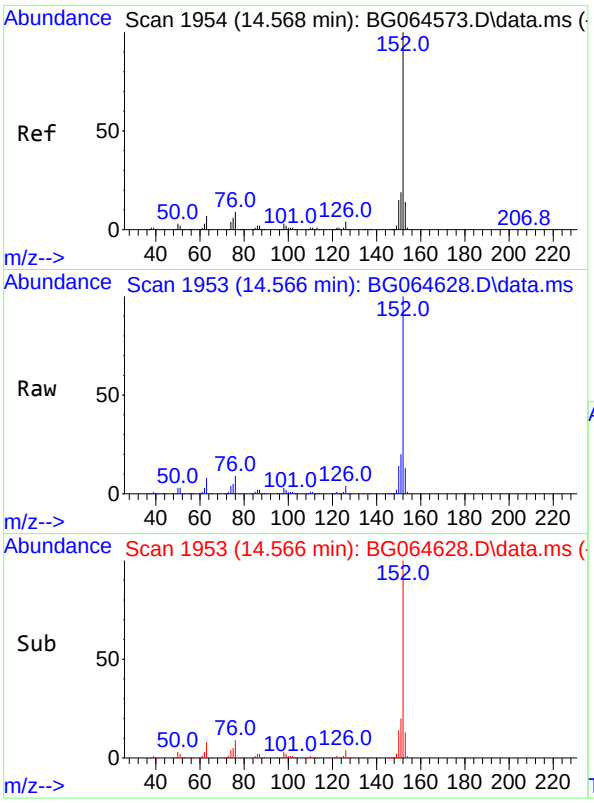




#48
2-Nitroaniline
Concen: 54.228 ng
RT: 13.908 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 65 Resp: 93564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 58.2 | 48.3 | 72.5 |
| 138 | 86.5 | 74.9 | 112.3 |





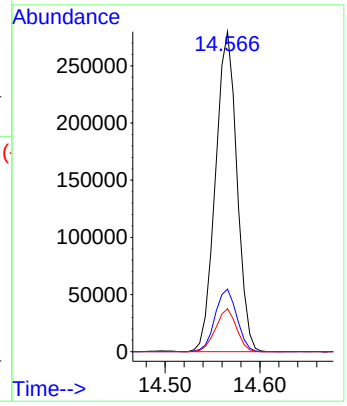

#49
Acenaphthylene
Concen: 54.693 ng
RT: 14.566 min Scan# 1

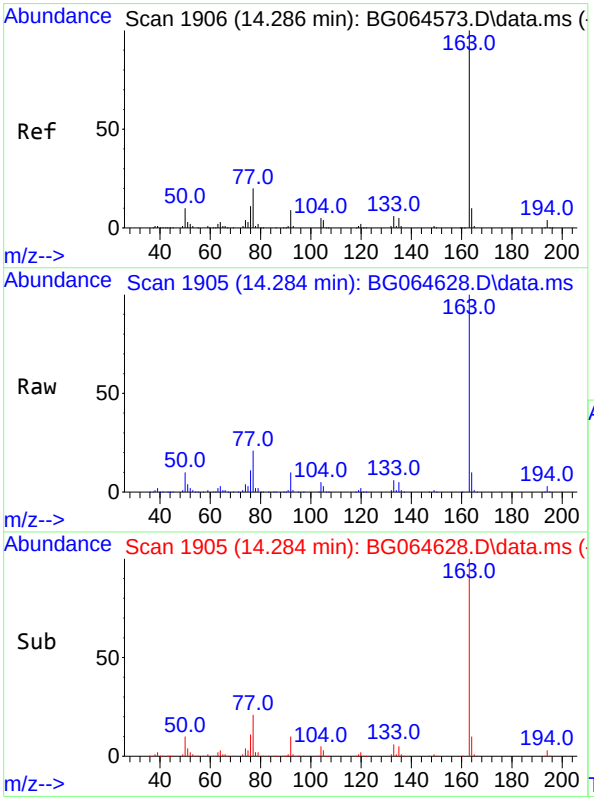
**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:152 Resp: 439745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.4 | 23.2 |
| 153 | 13.5 | 11.0 | 16.4 |

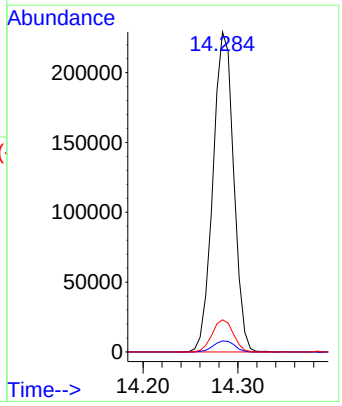


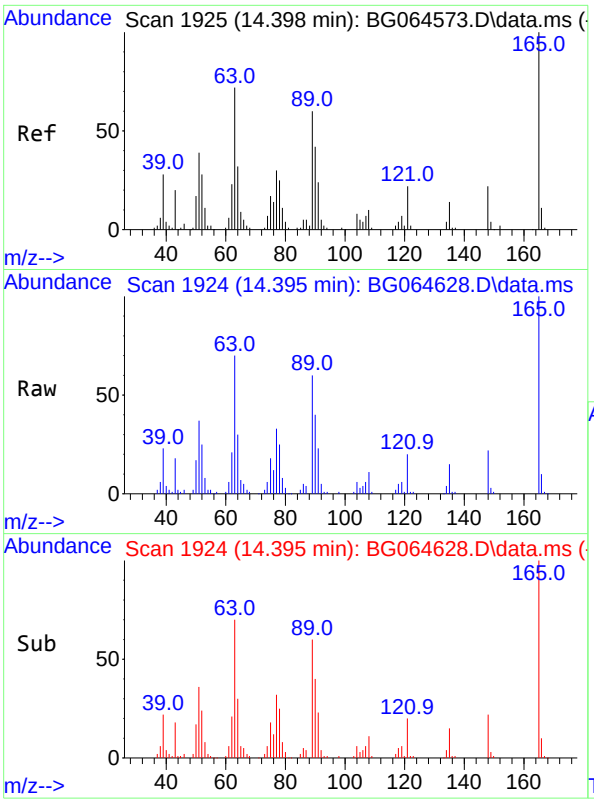




#50
Dimethylphthalate
Concen: 47.761 ng
RT: 14.284 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:163 Resp: 347153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.8 | 4.2 |
| 164 | 10.1 | 7.7 | 11.5 |



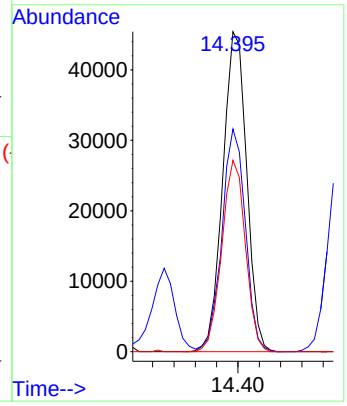


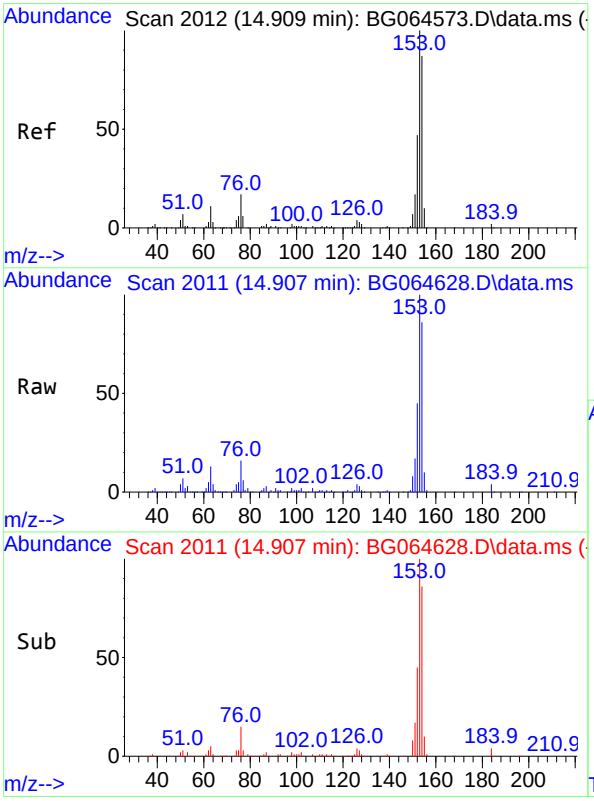

#51
2,6-Dinitrotoluene
Concen: 58.141 ng
RT: 14.395 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:165 Resp: 70596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 69.6 | 57.4 | 86.0 |
| 89 | 59.8 | 47.8 | 71.8 |

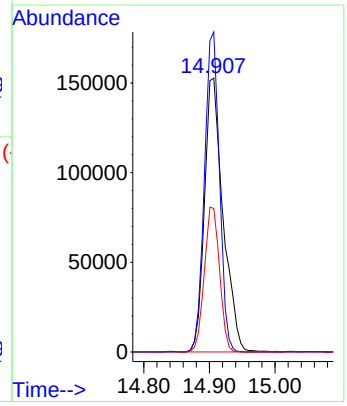


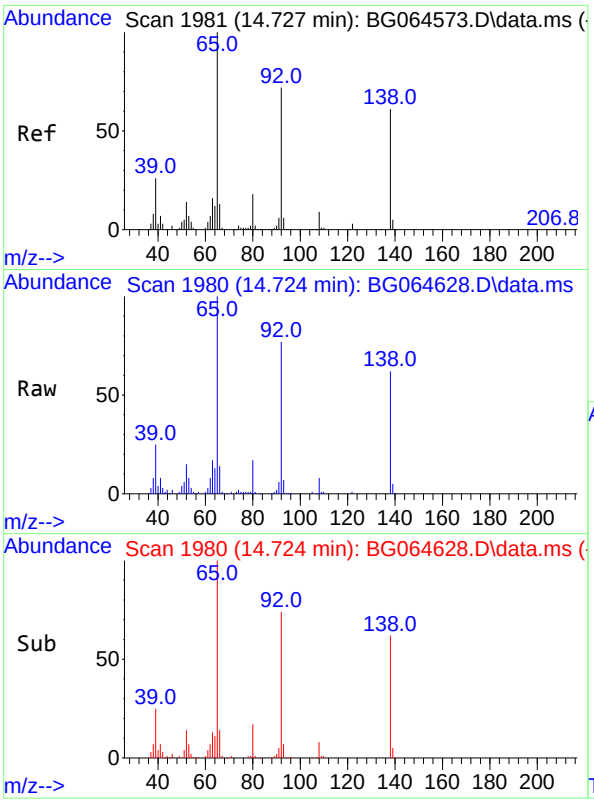




#52
Acenaphthene
Concen: 54.976 ng
RT: 14.907 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:154 Resp: 301997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.8 | 92.2 | 138.4 |
| 152 | 52.4 | 43.2 | 64.8 |



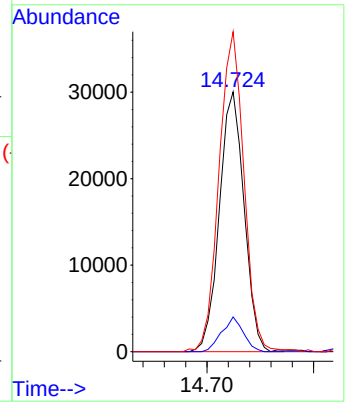


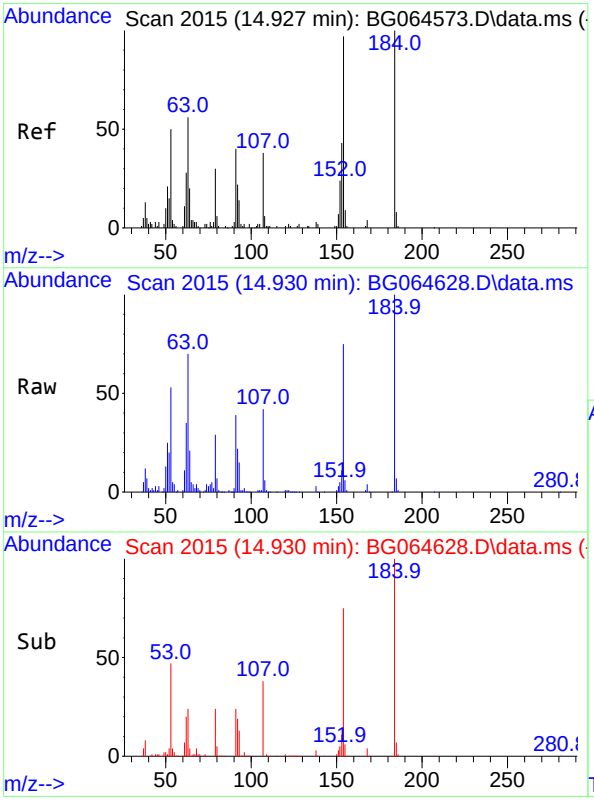

#53
3-Nitroaniline
Concen: 38.655 ng
RT: 14.724 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:138 Resp: 48285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.4 | 11.4 | 17.0 |
| 92 | 123.2 | 95.3 | 142.9 |

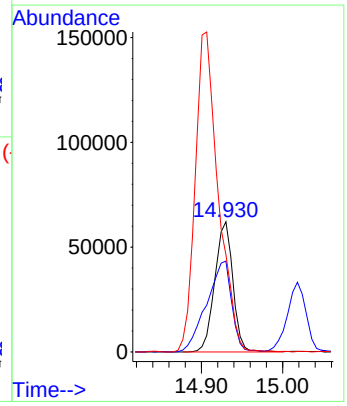


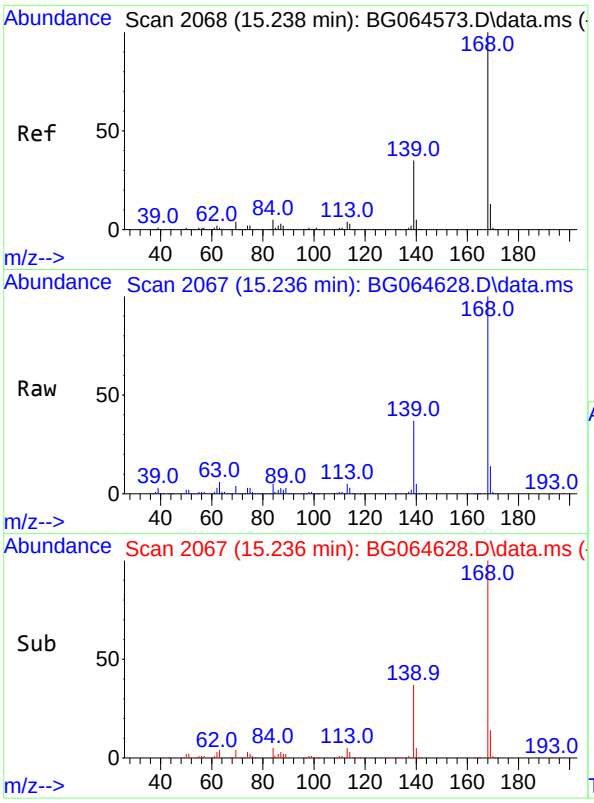




#54
2,4-Dinitrophenol
Concen: 127.399 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:184 Resp: 96369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 69.8 | 56.6 | 85.0 |
| 154 | 74.7 | 158.6 | 238.0# |



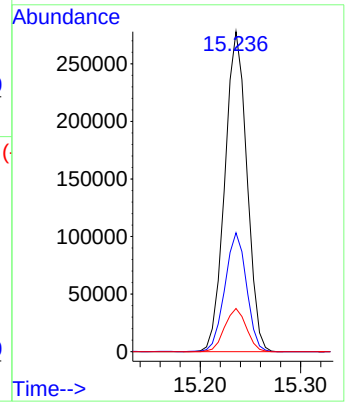


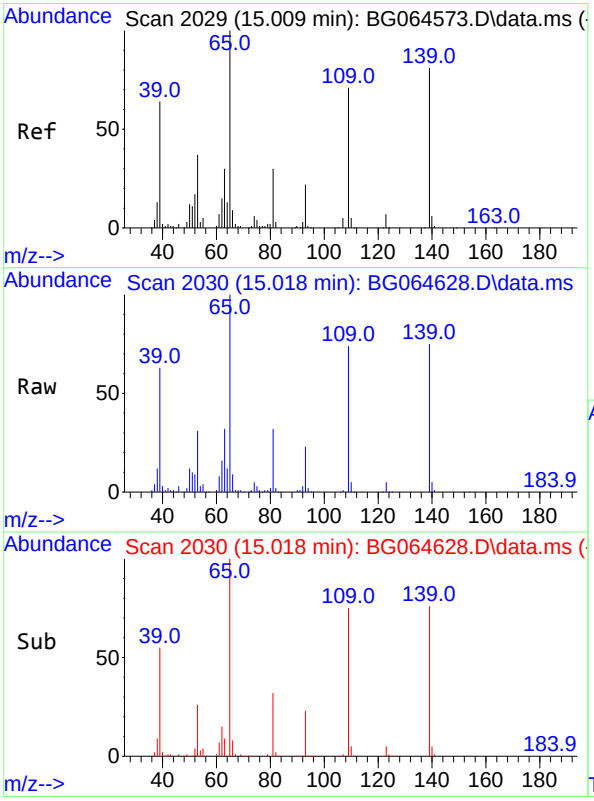

#55
Dibenzofuran
Concen: 47.718 ng
RT: 15.236 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:168 Resp: 423783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.1 | 27.8 | 41.8 |
| 169 | 13.5 | 10.3 | 15.5 |

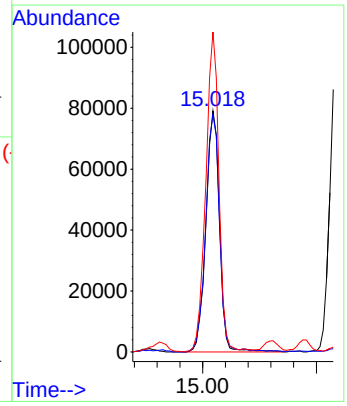


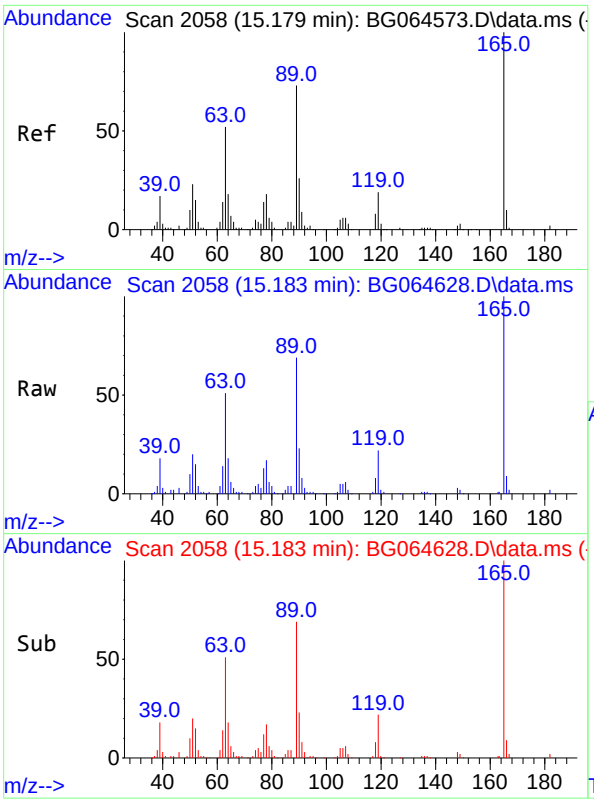




#56
4-Nitrophenol
Concen: 113.444 ng
RT: 15.018 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:139 Resp: 131383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 98.3 | 67.8 | 107.8 |
| 65 | 132.7 | 103.7 | 143.7 |



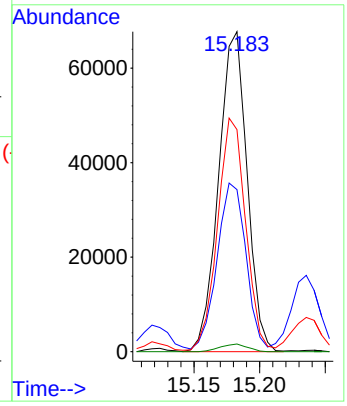


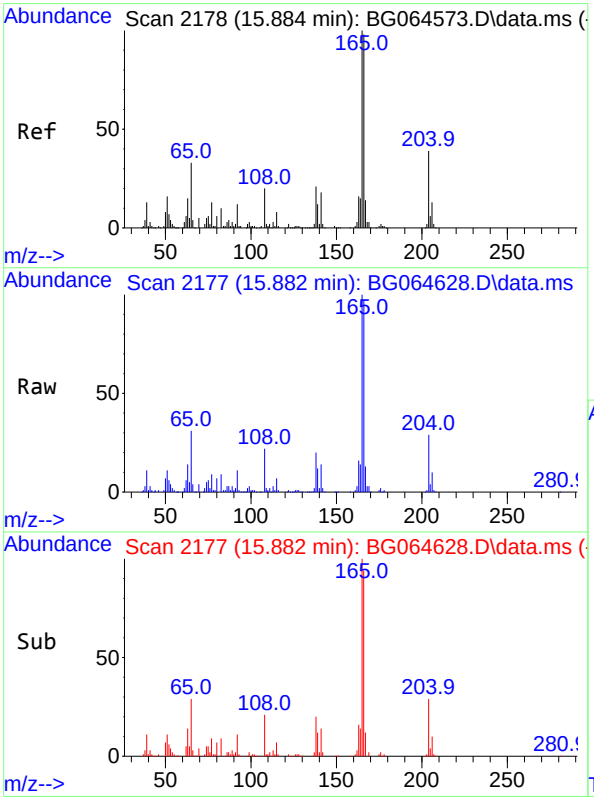

#57
2,4-Dinitrotoluene
Concen: 54.664 ng
RT: 15.183 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:165 Resp: 102203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.7 | 41.8 | 62.8 |
| 89 | 69.4 | 58.1 | 87.1 |
| 182 | 2.4 | 1.4 | 2.0# |

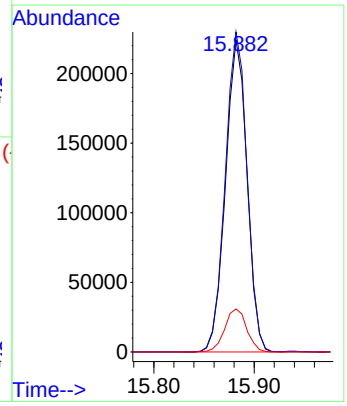


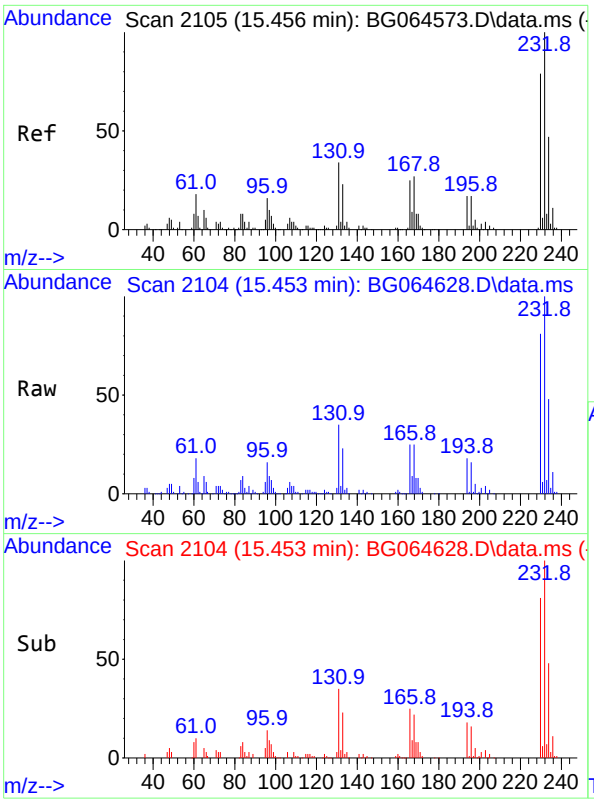




#58
Fluorene
Concen: 48.236 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:166 Resp: 334548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.6 | 81.5 | 122.3 |
| 167 | 13.8 | 11.4 | 17.0 |



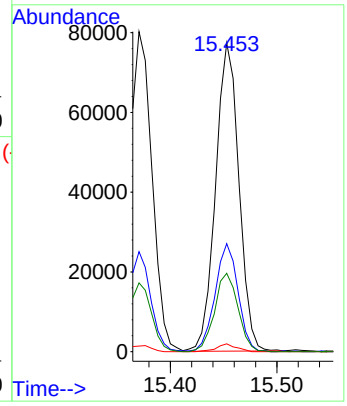


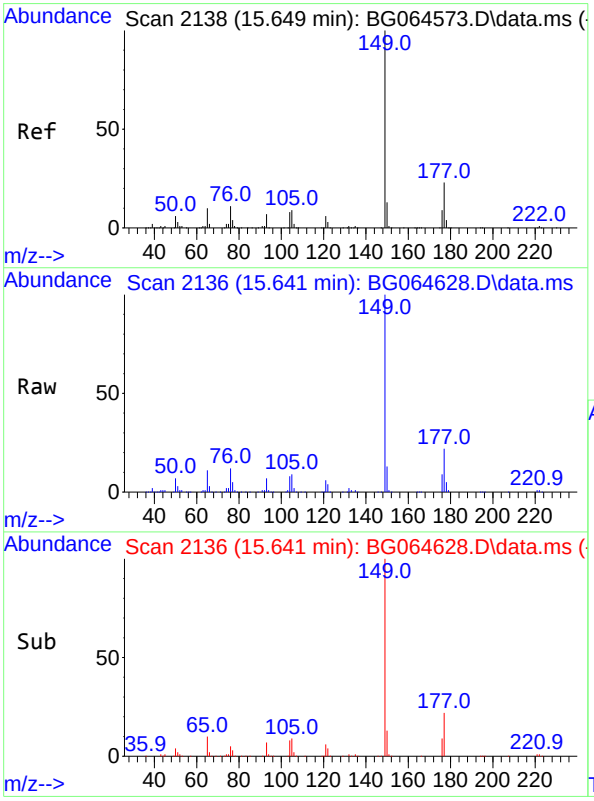

#59
2,3,4,6-Tetrachlorophenol
Concen: 58.261 ng
RT: 15.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:232 Resp: 117236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 34.6 | 26.7 | 40.1 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 25.6 | 20.5 | 30.7 |

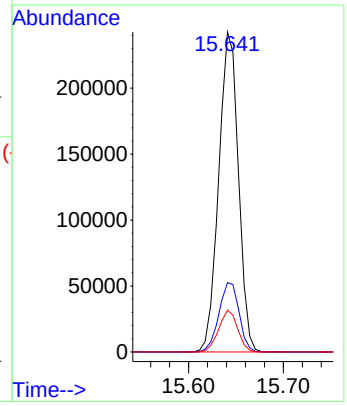


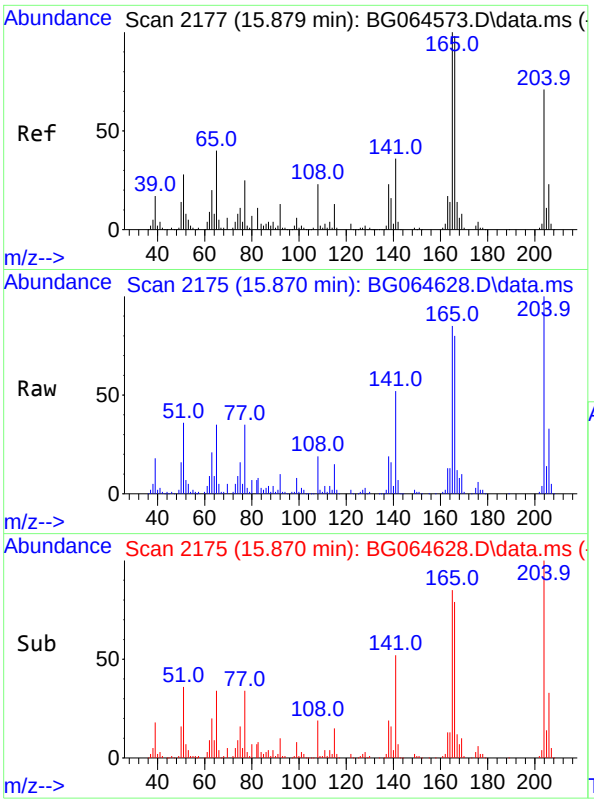




#60
Diethylphthalate
Concen: 47.184 ng
RT: 15.641 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:149 Resp: 350180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 18.0 | 27.0 |
| 150 | 13.1 | 10.2 | 15.4 |



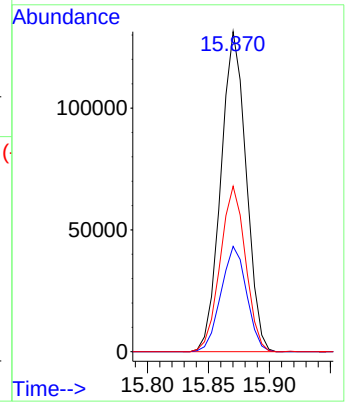


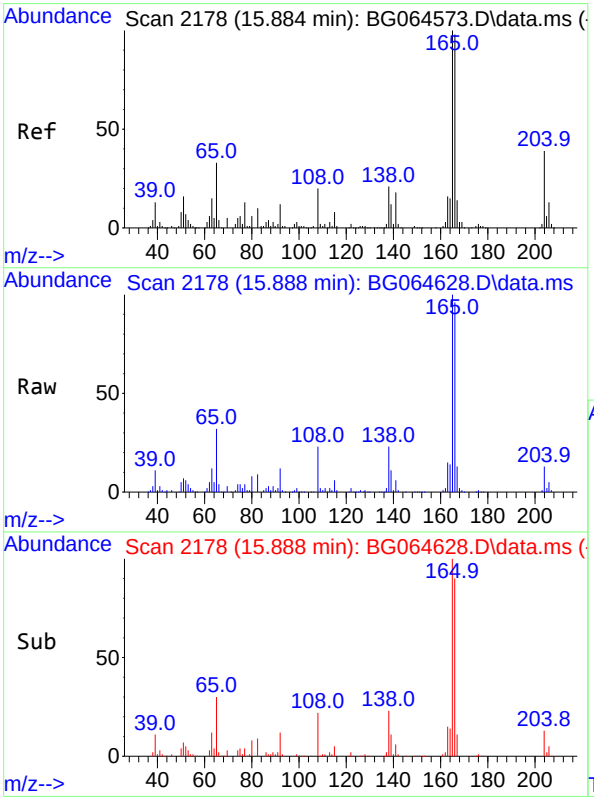

#61
4-Chlorophenyl-phenylether
Concen: 48.686 ng
RT: 15.870 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:204 Resp: 189500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 25.6 | 38.4 |
| 141 | 51.7 | 40.6 | 60.8 |

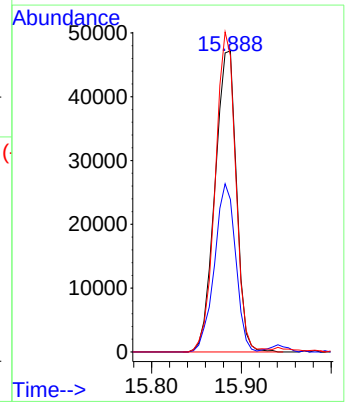


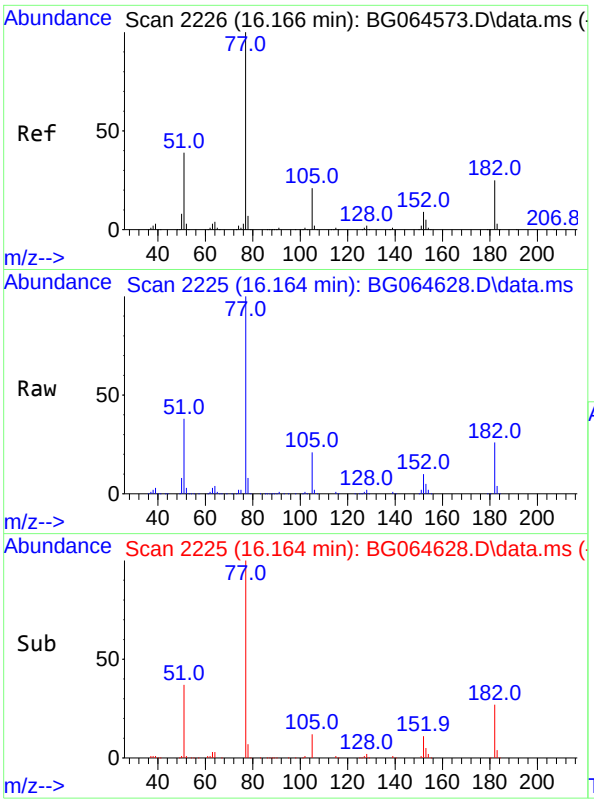




#62
4-Nitroaniline
Concen: 56.473 ng
RT: 15.888 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:138 Resp: 78479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.6 | 36.1 | 76.1 |
| 108 | 98.4 | 75.6 | 115.6 |



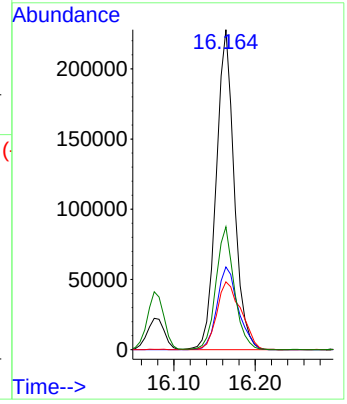


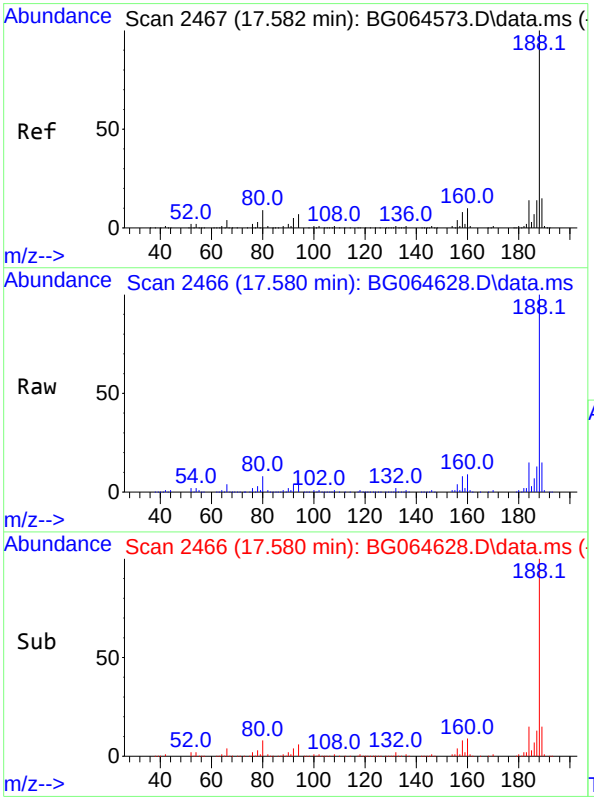

#63
Azobenzene
Concen: 51.319 ng
RT: 16.164 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion: 77 Resp: 349461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.9 | 4.9 | 44.9 |
| 105 | 21.2 | 1.3 | 41.3 |
| 51 | 38.4 | 19.0 | 59.0 |

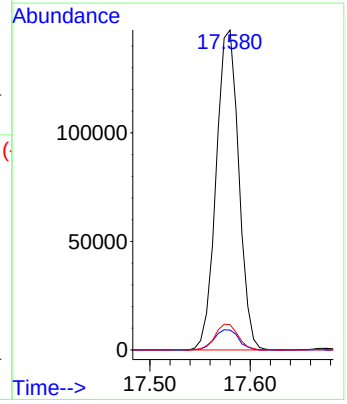


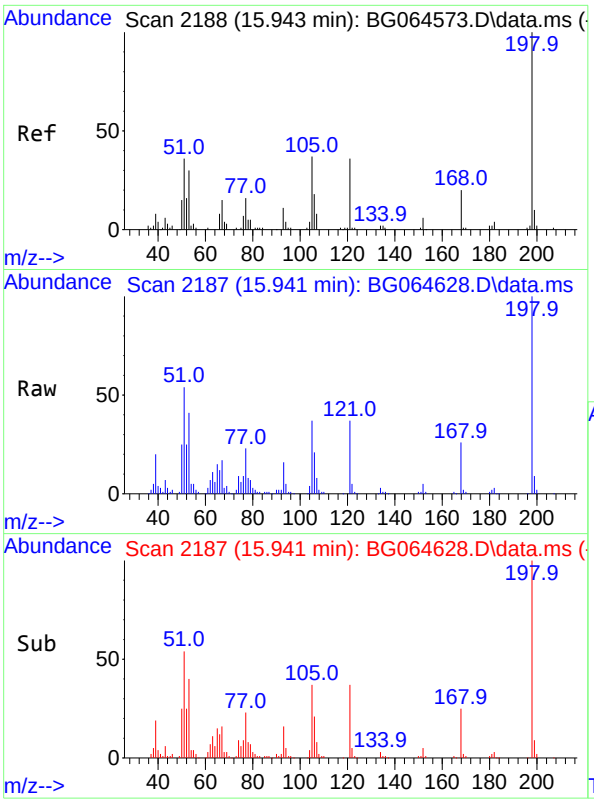




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:188 Resp: 230638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 5.7 | 8.5 |
| 80 | 7.9 | 6.8 | 10.2 |



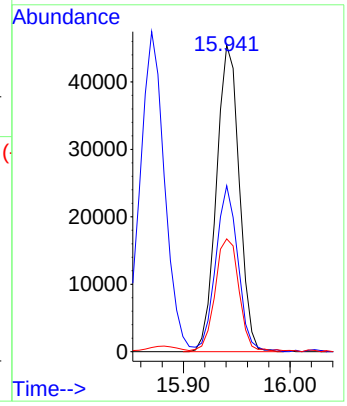


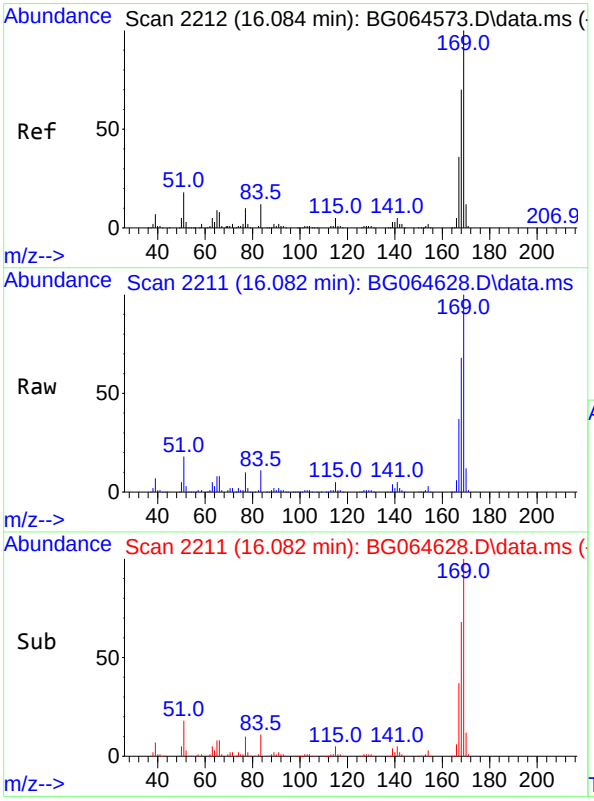

#65
4,6-Dinitro-2-methylphenol
Concen: 64.272 ng
RT: 15.941 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:198 Resp: 67333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 54.1 | 24.7 | 64.7 |
| 105 | 36.8 | 18.0 | 58.0 |

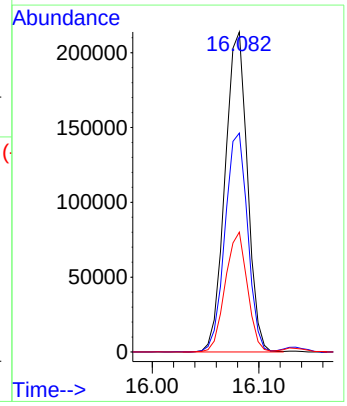


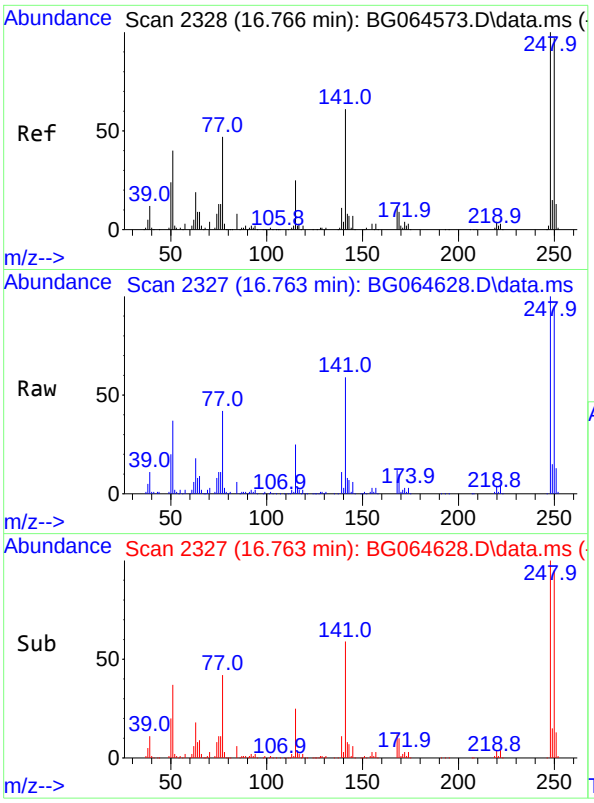




#66
n-Nitrosodiphenylamine
Concen: 49.959 ng
RT: 16.082 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:169 Resp: 311250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.4 | 56.3 | 84.5 |
| 167 | 37.5 | 29.0 | 43.6 |



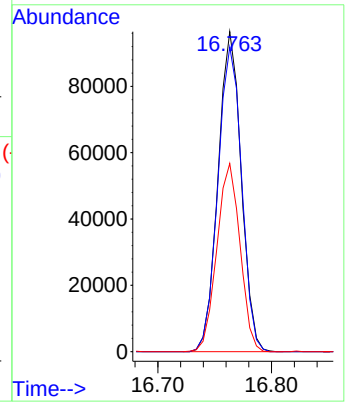


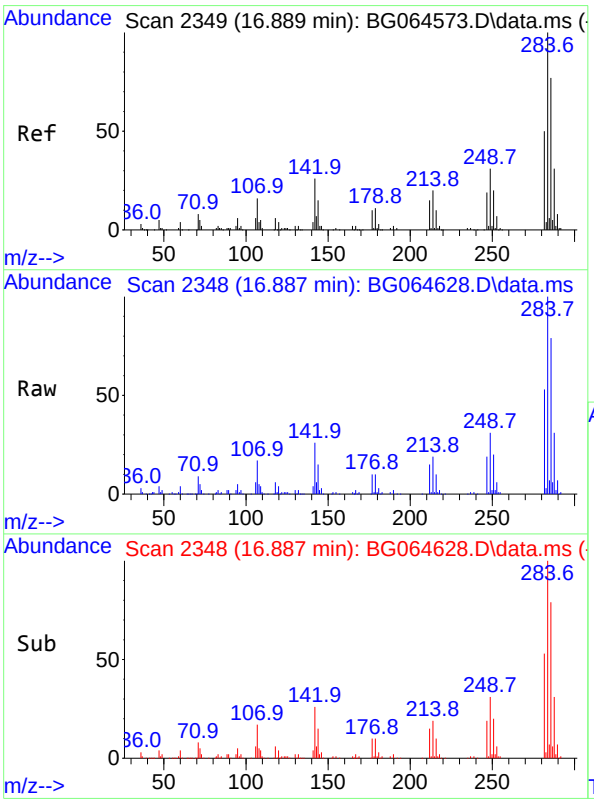

#67
4-Bromophenyl-phenylether
Concen: 49.838 ng
RT: 16.763 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:248 Resp: 136215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.2 | 77.7 | 116.5 |
| 141 | 58.8 | 48.6 | 72.8 |

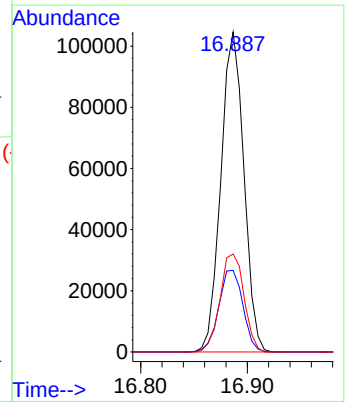


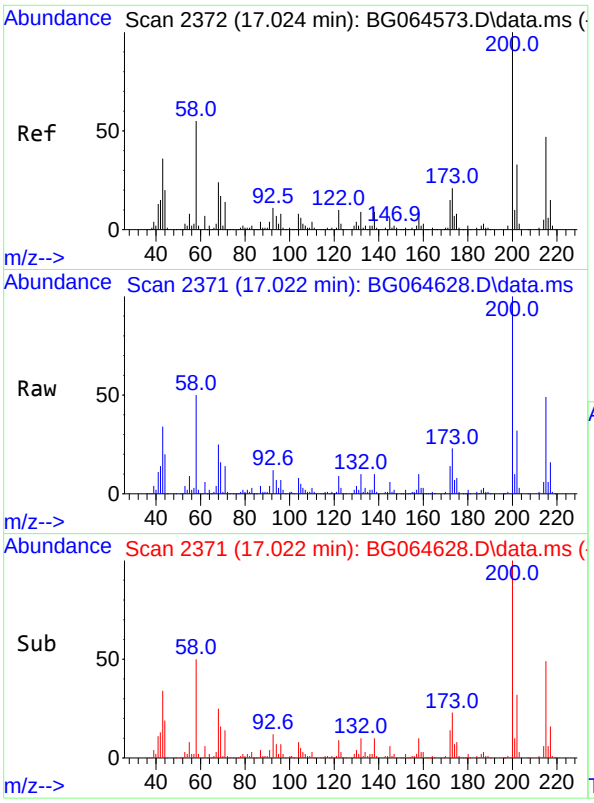




#68
Hexachlorobenzene
Concen: 50.163 ng
RT: 16.887 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:284 Resp: 156412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 25.5 | 21.0 | 31.6 |
| 249 | 30.6 | 24.9 | 37.3 |



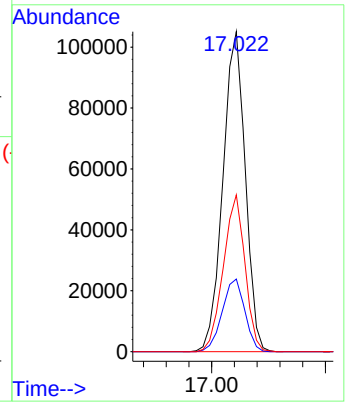


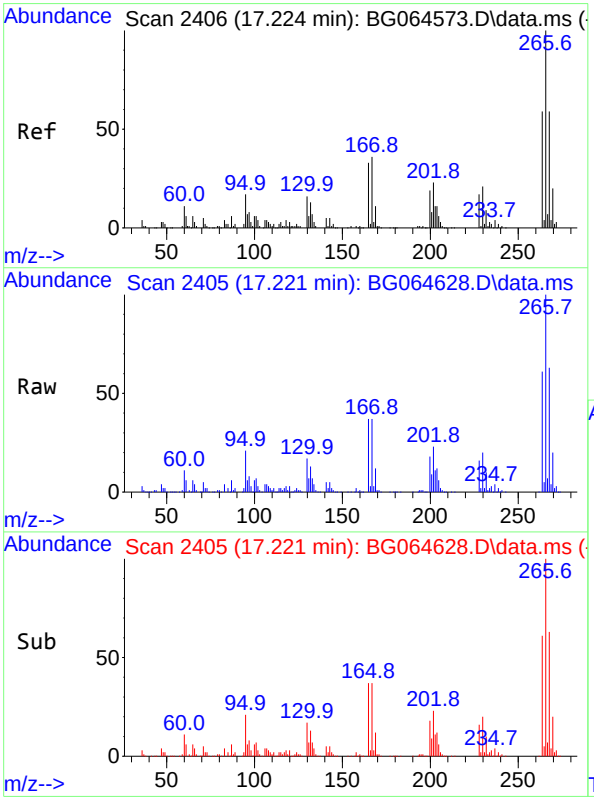

#69
Atrazine
Concen: 53.460 ng
RT: 17.022 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:200 Resp: 143329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.7 | 0.9 | 40.9 |
| 215 | 49.0 | 27.0 | 67.0 |

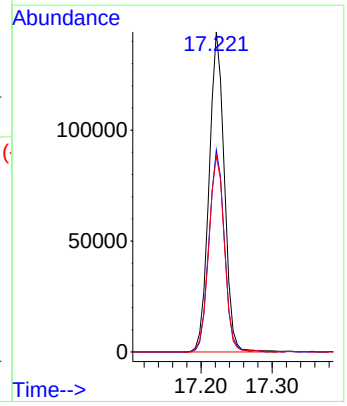


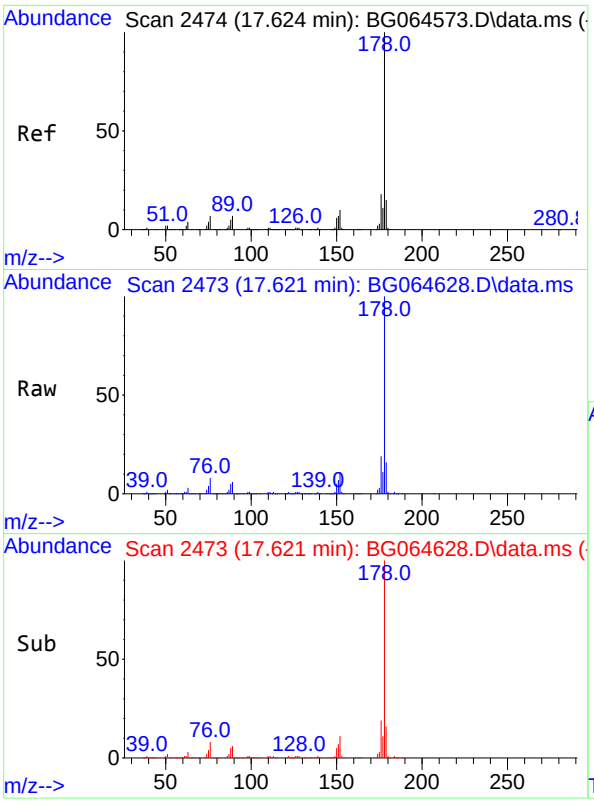




#70
Pentachlorophenol
Concen: 111.038 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:266 Resp: 215900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.4 | 50.3 | 75.5 |
| 264 | 61.2 | 47.3 | 70.9 |



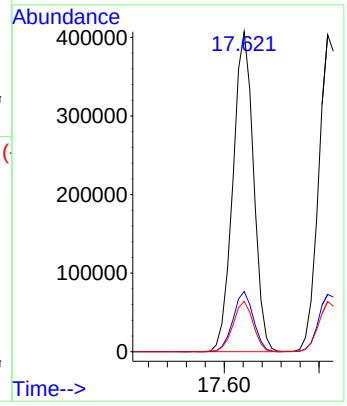


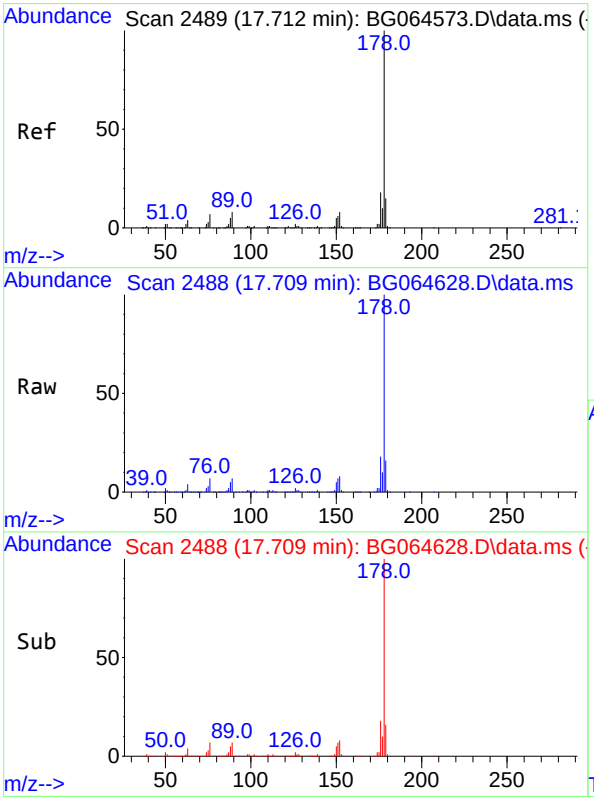

#71
Phenanthrene
Concen: 48.725 ng
RT: 17.621 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:178 Resp: 614558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.7 | 22.1 |
| 179 | 15.8 | 12.2 | 18.4 |

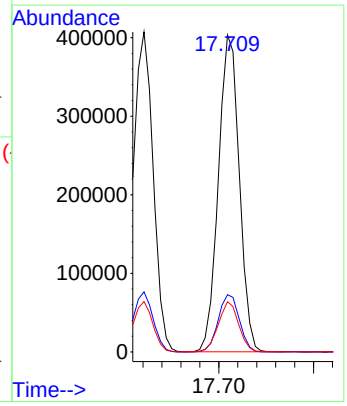


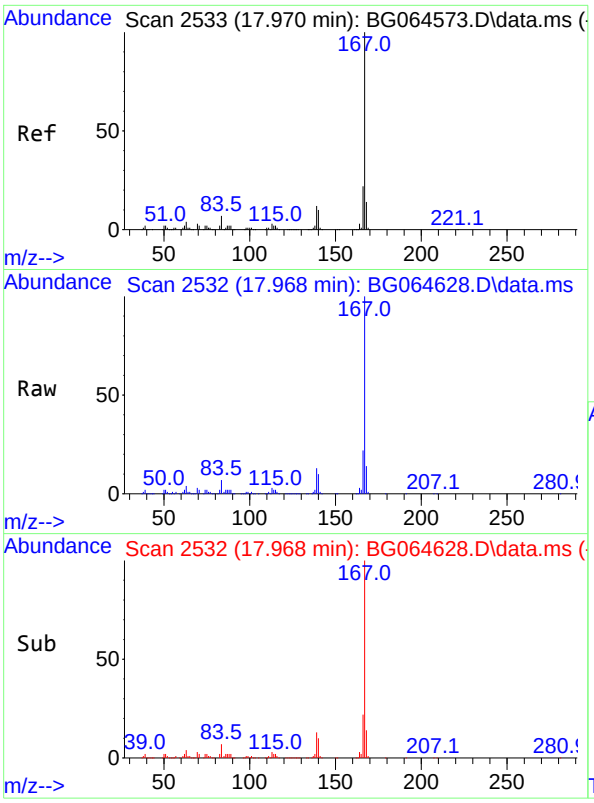




#72
Anthracene
Concen: 48.191 ng
RT: 17.709 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:178 Resp: 618291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.1 | 14.4 | 21.6 |
| 179 | 15.8 | 12.4 | 18.6 |



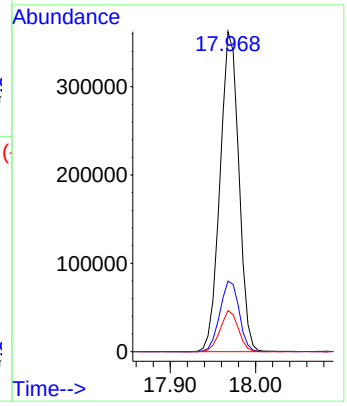


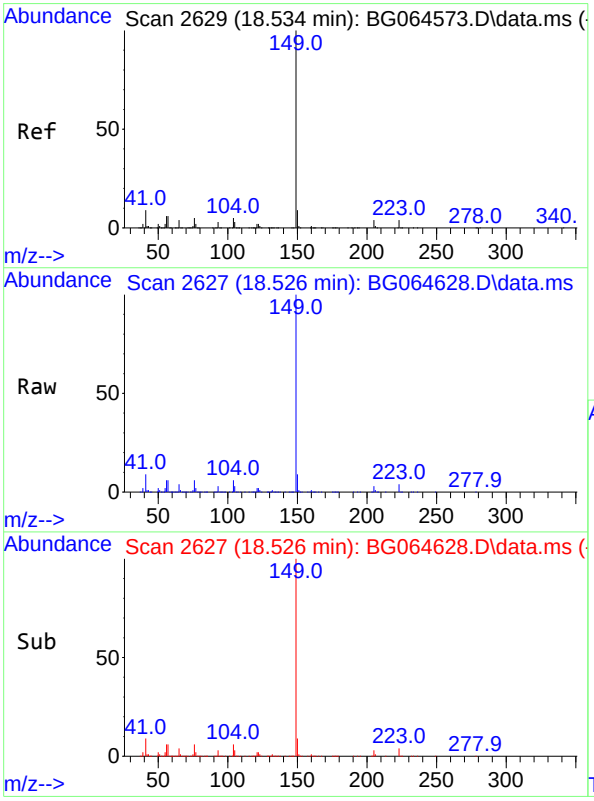

#73
Carbazole
Concen: 49.079 ng
RT: 17.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:167 Resp: 555268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 17.9 | 26.9 |
| 139 | 12.8 | 9.7 | 14.5 |

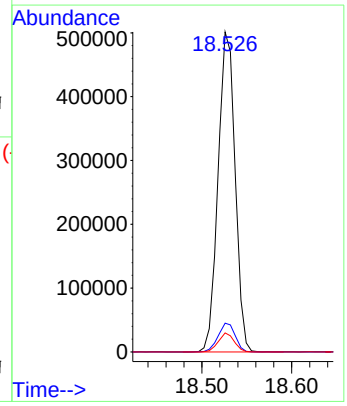


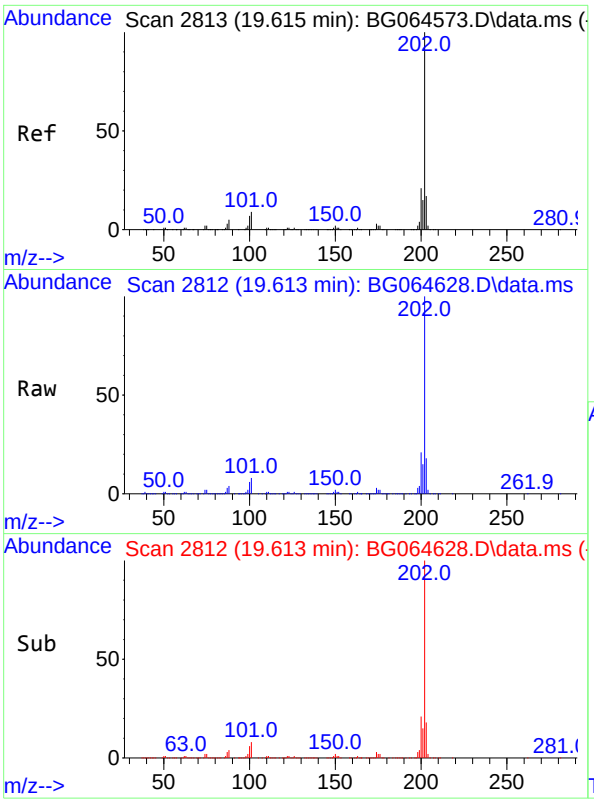




#74
Di-n-butylphthalate
Concen: 50.481 ng
RT: 18.526 min Scan# 2627
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:149 Resp: 660445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.0 | 10.6 |
| 104 | 6.0 | 4.1 | 6.1 |



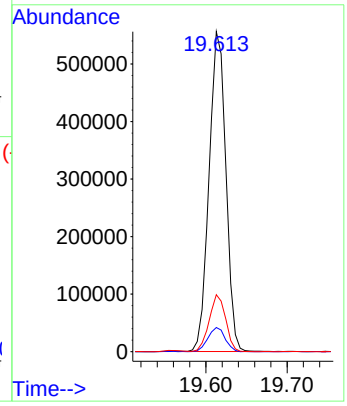


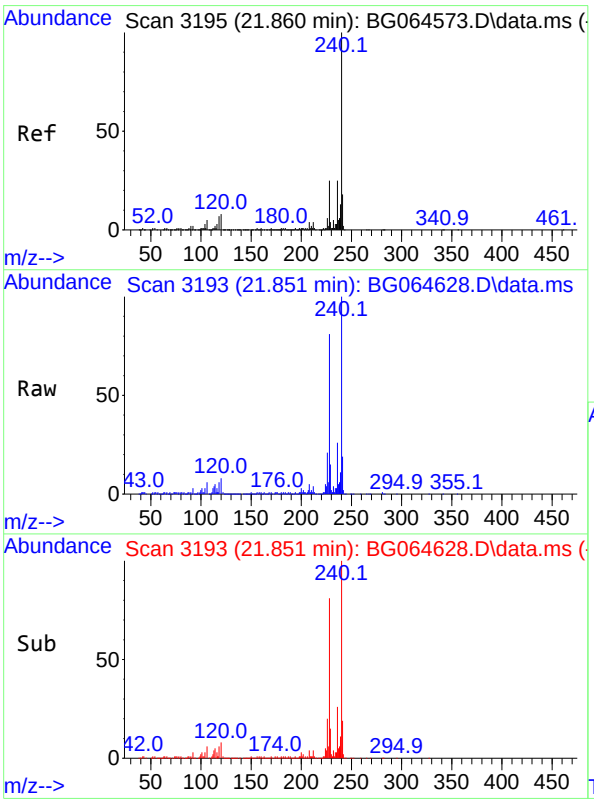

#75
Fluoranthene
Concen: 50.549 ng
RT: 19.613 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:202 Resp: 798695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.5 | 0.0 | 28.7 |
| 203 | 17.8 | 0.0 | 37.0 |

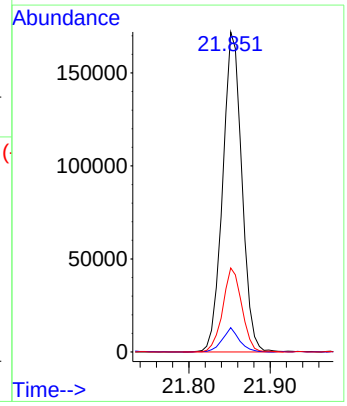


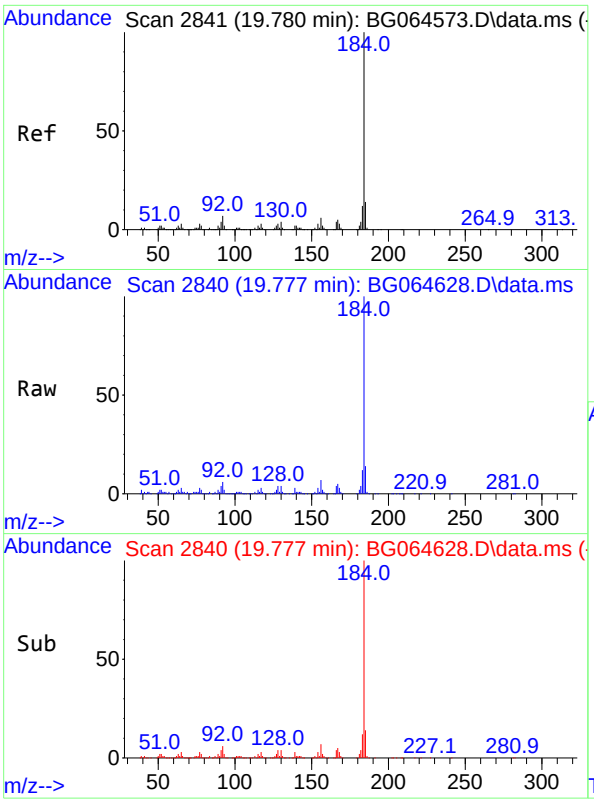




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:240 Resp: 282250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.6 | 6.5 | 9.7 |
| 236 | 26.3 | 20.2 | 30.2 |



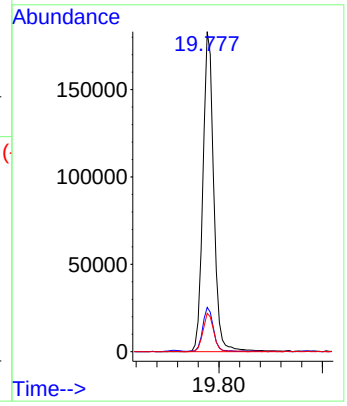


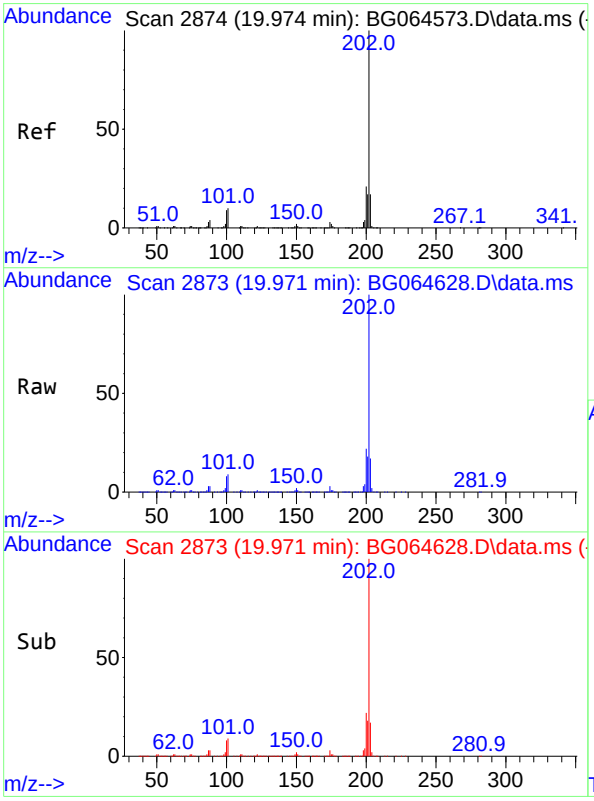

#77
Benzidine
Concen: 42.107 ng
RT: 19.777 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:184 Resp: 266267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.8 | 11.4 | 17.2 |
| 183 | 12.0 | 9.4 | 14.2 |

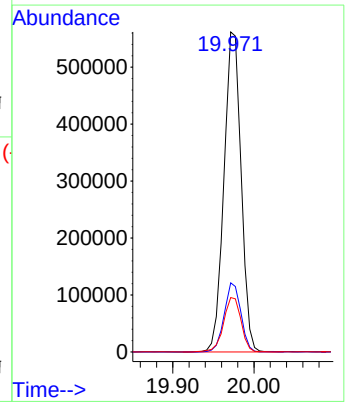


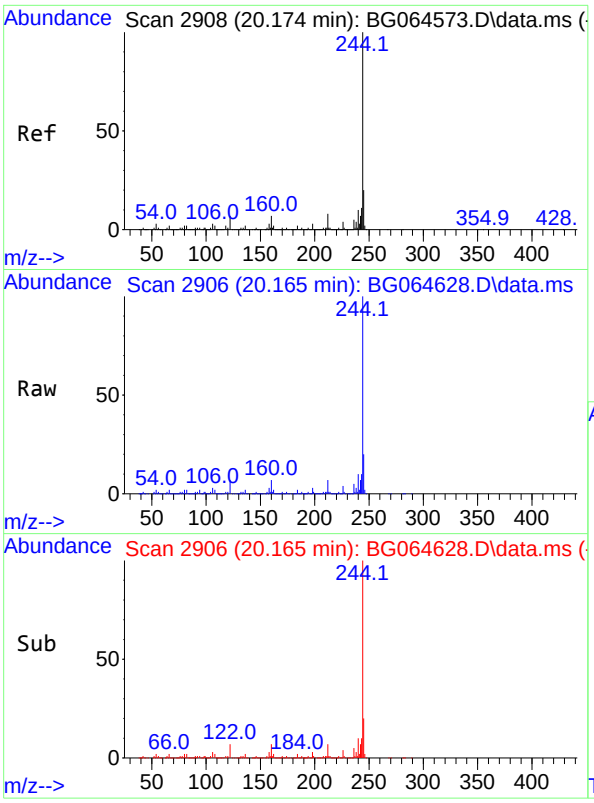




#78
Pyrene
Concen: 44.797 ng
RT: 19.971 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:202 Resp: 826087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.0 | 25.4 |
| 203 | 17.0 | 13.8 | 20.6 |



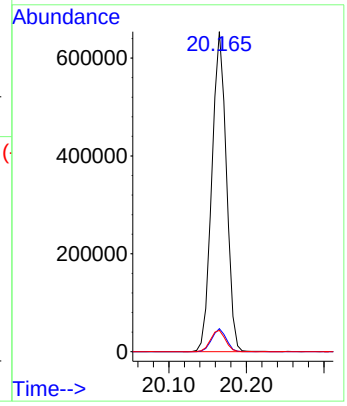


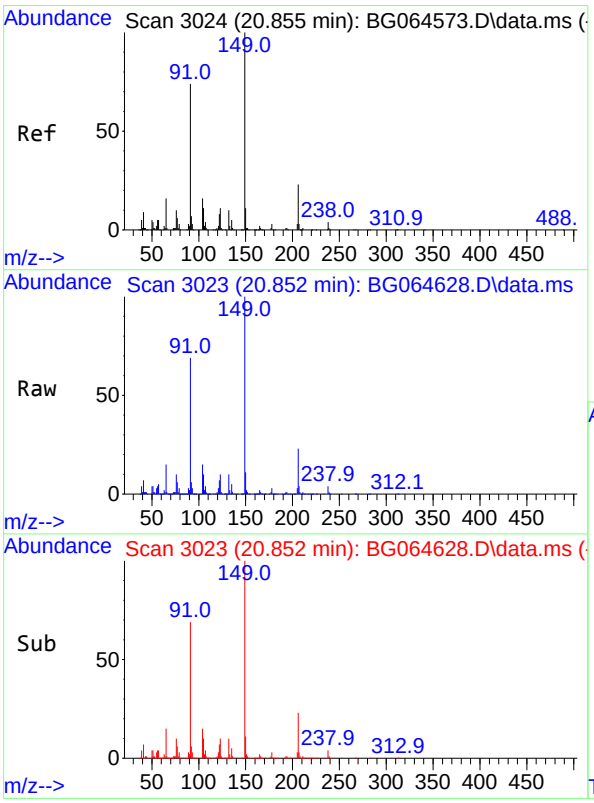

#79
Terphenyl-d14
Concen: 57.063 ng
RT: 20.165 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:244 Resp: 853453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.1 | 9.1 |
| 122 | 6.7 | 5.6 | 8.4 |

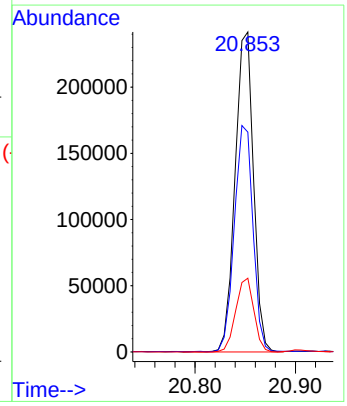


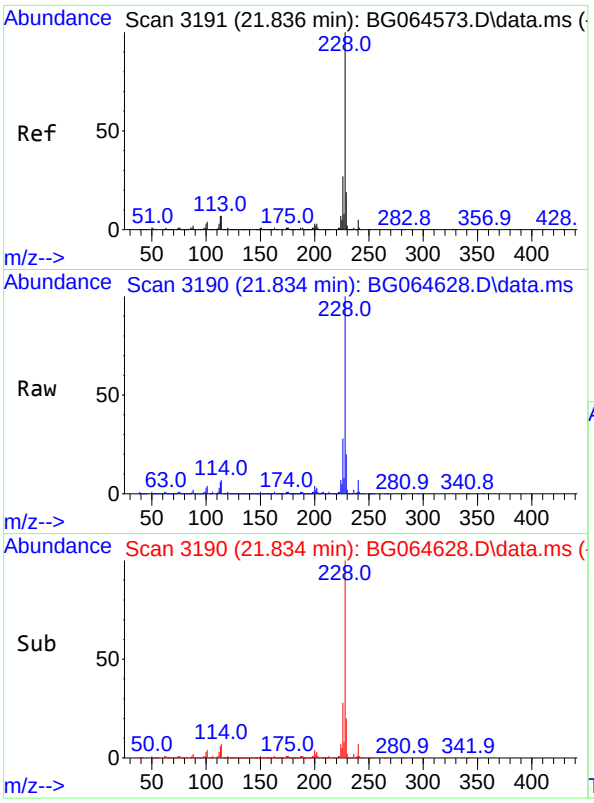




#80
Butylbenzylphthalate
Concen: 55.127 ng
RT: 20.852 min Scan# 3023
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:149 Resp: 307248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.7 | 59.2 | 88.8 |
| 206 | 23.1 | 18.1 | 27.1 |



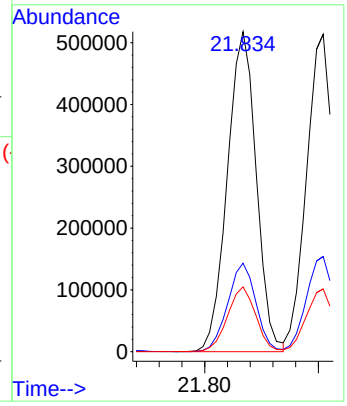


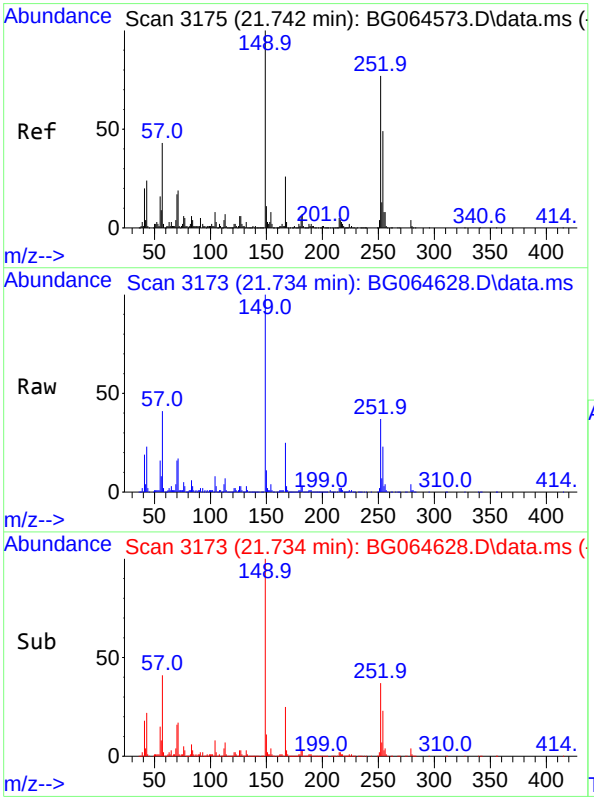

#81
Benzo(a)anthracene
Concen: 48.937 ng
RT: 21.834 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:228 Resp: 915839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 21.9 | 32.9 |
| 229 | 20.2 | 15.6 | 23.4 |

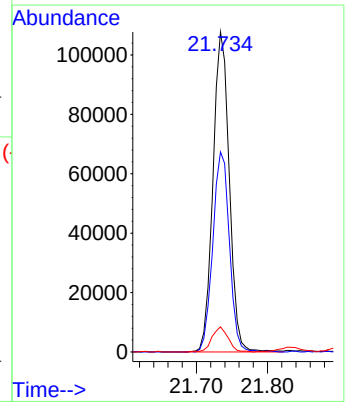


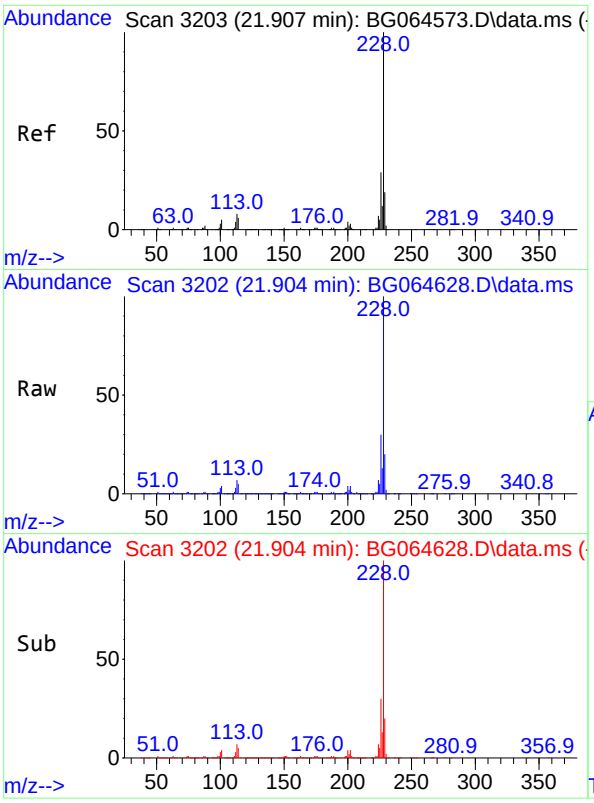




#82
3,3'-Dichlorobenzidine
Concen: 27.527 ng
RT: 21.734 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:252 Resp: 172028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.5 | 50.8 | 76.2 |
| 126 | 7.8 | 5.8 | 8.6 |



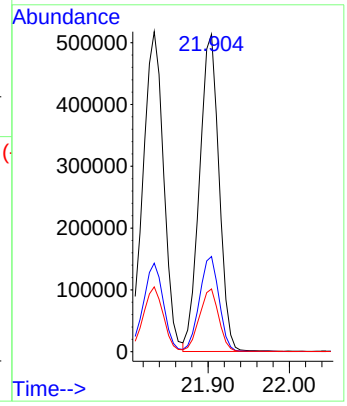


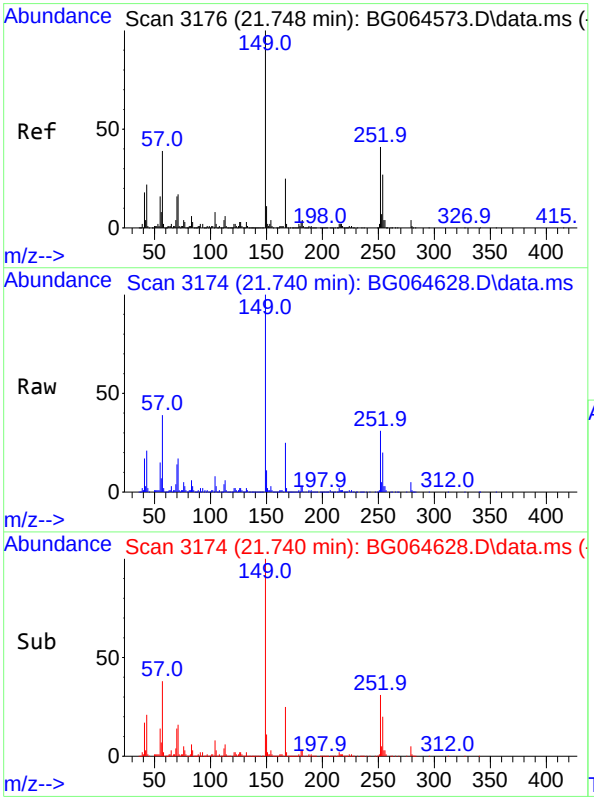

#83
Chrysene
Concen: 48.119 ng
RT: 21.904 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:228 Resp: 856872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 23.3 | 34.9 |
| 229 | 19.8 | 15.2 | 22.8 |

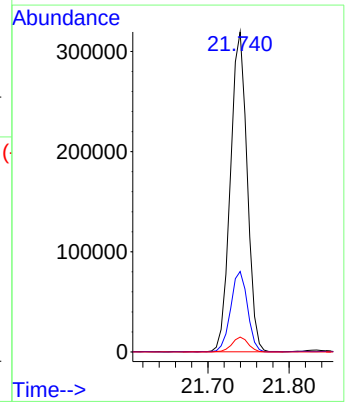


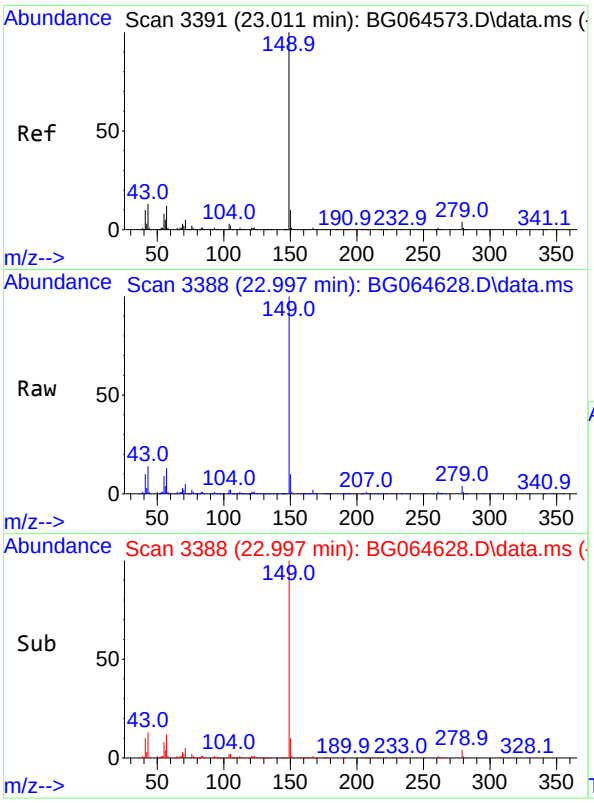




#84
Bis(2-ethylhexyl)phthalate
Concen: 54.799 ng
RT: 21.740 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:149 Resp: 456370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.2 | 20.0 | 30.0 |
| 279 | 4.7 | 3.1 | 4.7 |



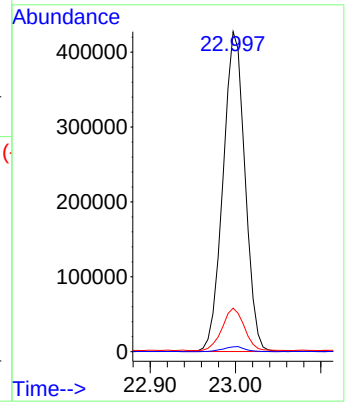


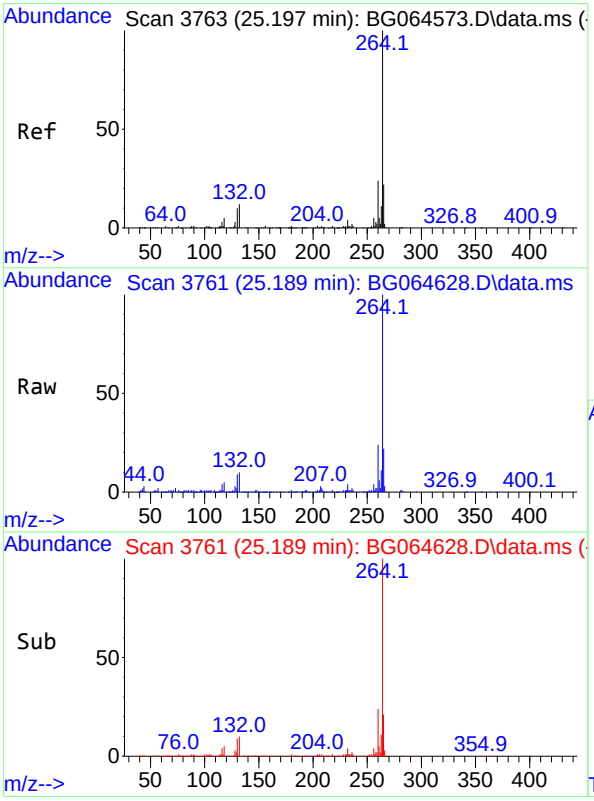

#85
Di-n-octyl phthalate
Concen: 54.307 ng
RT: 22.997 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:149 Resp: 762527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 13.3 | 10.8 | 16.2 |

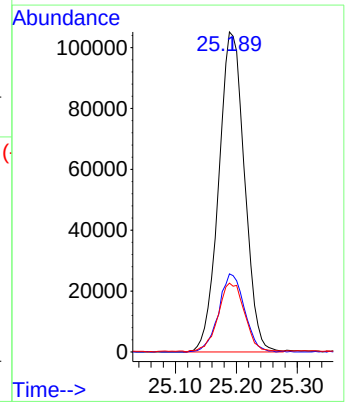


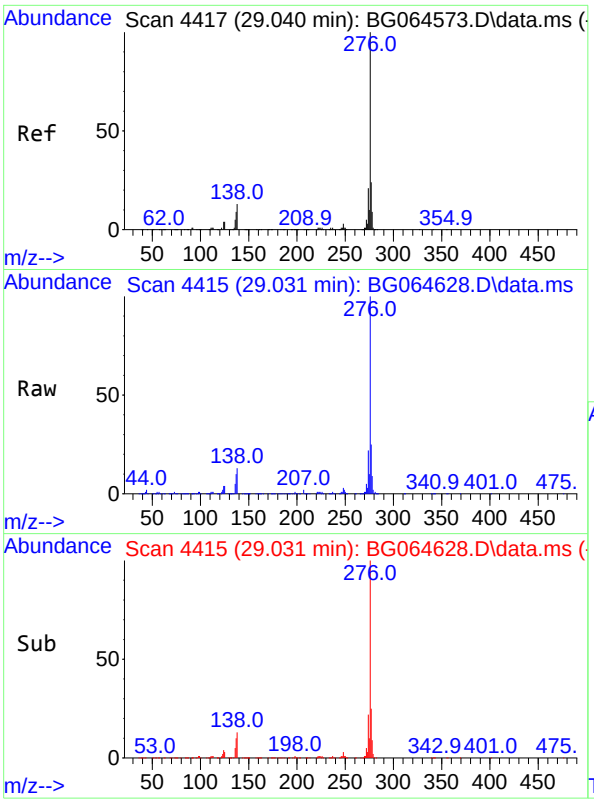




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.189 min Scan# 3761
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:264 Resp: 308600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.0 | 28.4 |
| 265 | 21.5 | 17.6 | 26.4 |



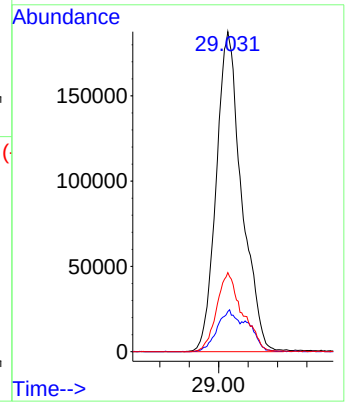


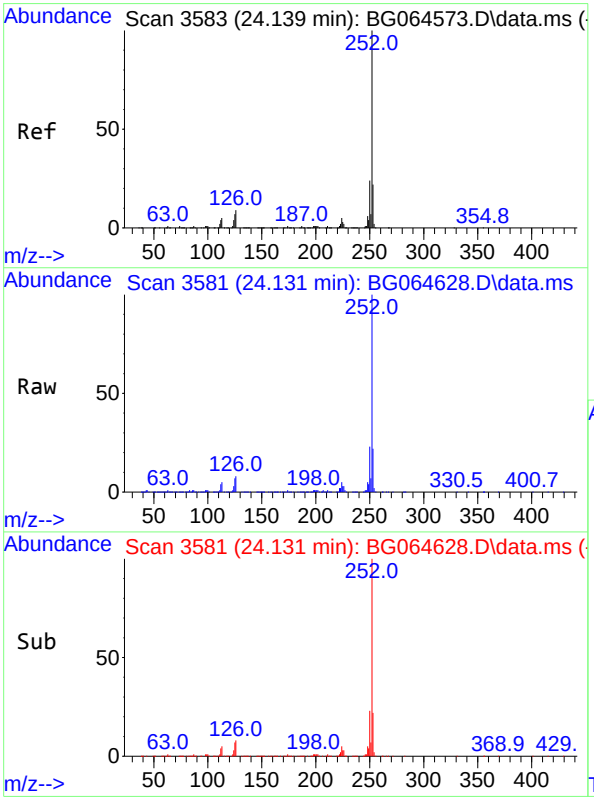

#87
Indeno(1,2,3-cd)pyrene
Concen: 49.546 ng
RT: 29.031 min Scan# 44
Delta R.T. -0.030 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:276 Resp: 1124787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 10.3 | 10.8 | 16.2# |
| 277 | 25.1 | 20.1 | 30.1 |

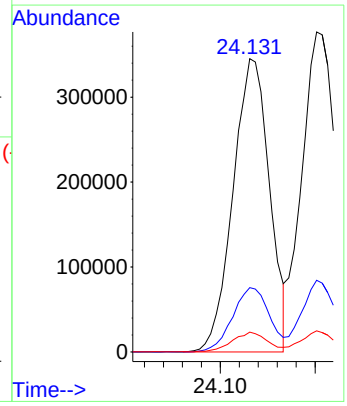


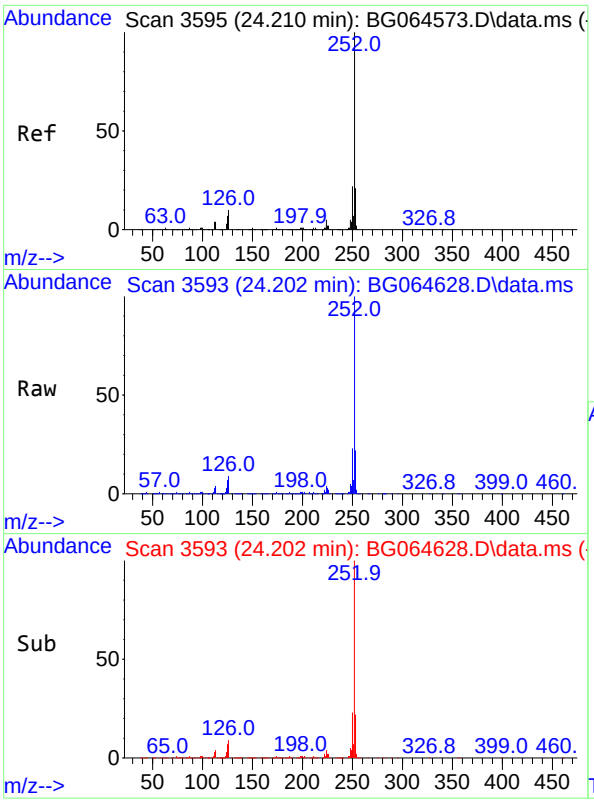




#88
Benzo(b)fluoranthene
Concen: 48.765 ng
RT: 24.131 min Scan# 3581
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:252 Resp: 922791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.8 |
| 125 | 6.8 | 5.6 | 8.4 |



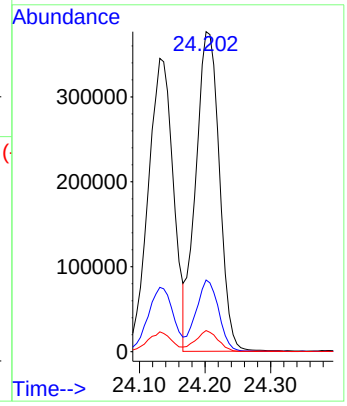


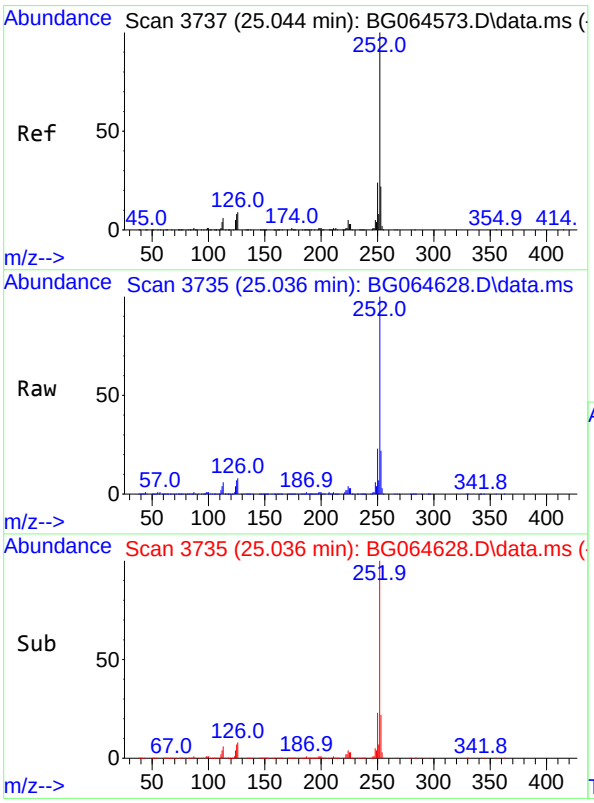

#89
Benzo(k)fluoranthene
Concen: 49.723 ng
RT: 24.202 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:252 Resp: 941575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 16.8 | 25.2 |
| 125 | 6.6 | 5.4 | 8.0 |

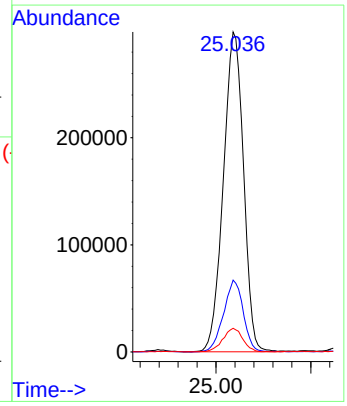


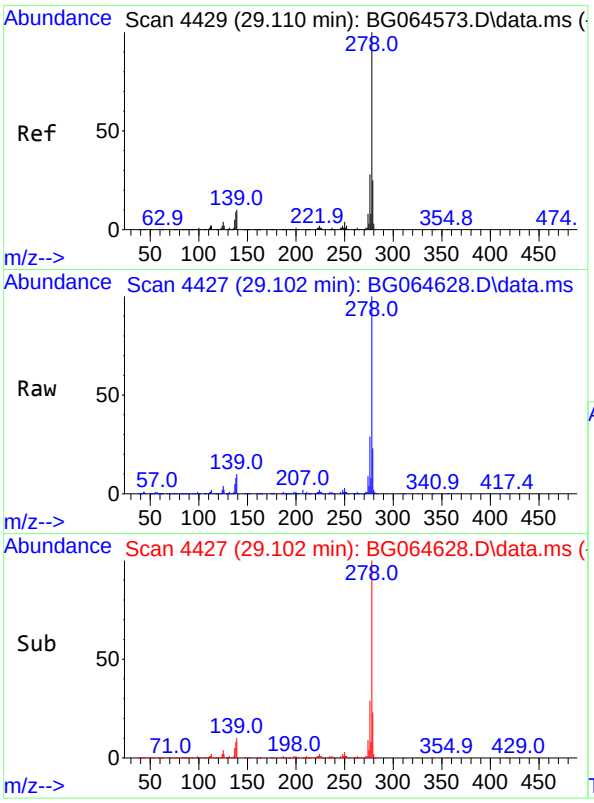




#90
Benzo(a)pyrene
Concen: 50.697 ng
RT: 25.036 min Scan# 3735
Delta R.T. -0.024 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:252 Resp: 881844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.6 | 26.4 |
| 125 | 7.4 | 6.1 | 9.1 |



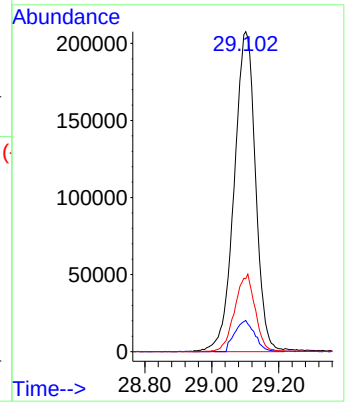


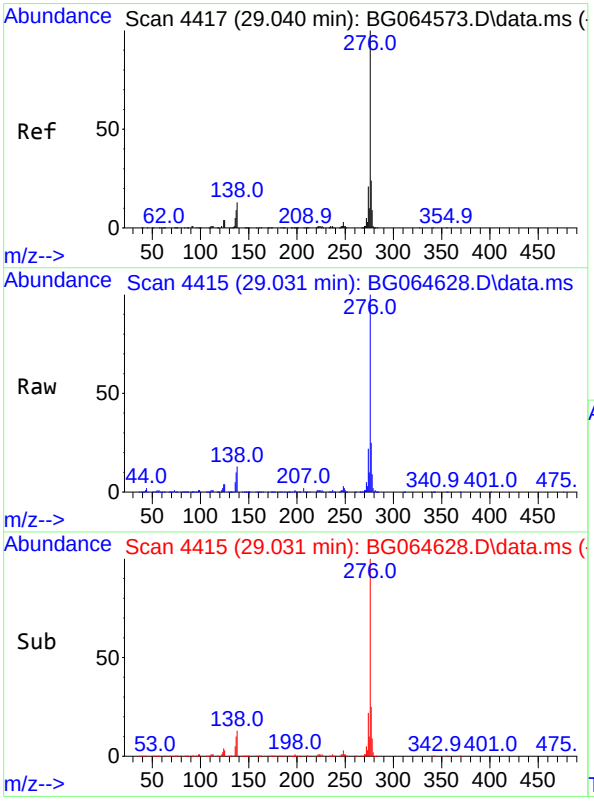

#91
Dibenzo(a,h)anthracene
Concen: 49.838 ng
RT: 29.102 min Scan# 44
Delta R.T. -0.036 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

**Instrument :**
BNA_G
**ClientSampleId :**
PR-132-S16-015094-20251021MSD

Tgt Ion:278 Resp: 919177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.8 | 8.0 | 12.0 |
| 279 | 22.8 | 19.8 | 29.6 |




#92
Benzo(g,h,i)perylene
Concen: 49.546 ng
RT: 29.031 min Scan# 4415
Delta R.T. -0.030 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:276 Resp: 1124787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 19.2 | 28.8 |
| 138 | 12.6 | 10.7 | 16.1 |