Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064092.D
Acq On : 11 Mar 2025 12:34
Operator : RC/JU
Sample : Q1524-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Quant Time: Mar 11 13:06:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.862 | 152 | 39195 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.653 | 136 | 160691 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.483 | 164 | 107519 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.227 | 188 | 237040 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.463 | 240 | 233261 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.477 | 264 | 259948 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.453 | 112 | 276783 | 110.264 | ng | | 0.00 |
| 7) Phenol-d6 | 7.033 | 99 | 368058 | 107.783 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.019 | 82 | 246787 | 84.871 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.976 | 330 | 155934 | 130.472 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.114 | 172 | 515336 | 72.752 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.848 | 244 | 847600 | 73.473 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.367 | 88 | 39520 | 34.739 | ng | | 92 |
| 3) Pyridine | 3.755 | 79 | 96584 | 34.910 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.678 | 42 | 82283 | 41.626 | ng | | 91 |
| 6) Aniline | 7.192 | 93 | 74023 | 22.091 | ng | | 95 |
| 8) 2-Chlorophenol | 7.427 | 128 | 123033 | 45.636 | ng | | 95 |
| 9) Benzaldehyde | 7.004 | 77 | 42129 | 21.213 | ng | | 91 |
| 10) Phenol | 7.063 | 94 | 159529 | 45.629 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.292 | 93 | 112869 | 41.178 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.756 | 146 | 124528 | 42.063 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.897 | 146 | 130015 | 42.846 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.214 | 146 | 124320 | 42.487 | ng | | 98 |
| 15) Benzyl Alcohol | 8.097 | 79 | 118988 | 45.092 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.385 | 45 | 257430 | 41.768 | ng | | 100 |
| 17) 2-Methylphenol | 8.302 | 107 | 106357 | 45.835 | ng | | 96 |
| 18) Hexachloroethane | 8.943 | 117 | 50722 | 47.775 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.667 | 70 | 99774 | 41.633 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.631 | 107 | 143418 | 44.895 | ng | | 93 |
| 22) Acetophenone | 8.678 | 105 | 214115 | 48.598 | ng | | 98 |
| 24) Nitrobenzene | 9.054 | 77 | 149011 | 49.586 | ng | | 96 |
| 25) Isophorone | 9.583 | 82 | 264823 | 45.501 | ng | # | 95 |
| 26) 2-Nitrophenol | 9.765 | 139 | 59577 | 55.361 | ng | | 89 |
| 27) 2,4-Dimethylphenol | 9.824 | 122 | 109226 | 62.602 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.065 | 93 | 151807 | 43.022 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 10.300 | 162 | 109904 | 49.885 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.517 | 180 | 121376 | 45.637 | ng | | 100 |
| 31) Naphthalene | 10.700 | 128 | 382540 | 44.148 | ng | | 99 |
| 32) Benzoic acid | 9.983 | 122 | 86642 | 52.977 | ng | | 97 |
| 33) 4-Chloroaniline | 10.805 | 127 | 34687 | 10.953 | ng | | 92 |
| 34) Hexachlorobutadiene | 10.993 | 225 | 81925 | 46.995 | ng | | 97 |
| 35) Caprolactam | 11.569 | 113 | 23277 | 27.570 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.933 | 107 | 138793 | 48.060 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.309 | 142 | 266863 | 43.626 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.527 | 142 | 264868 | 44.197 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.680 | 216 | 159651 | 52.011 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 12.668 | 237 | 178824 | 206.986 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 12.915 | 196 | 98174 | 54.266 | ng | | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064092.D
Acq On : 11 Mar 2025 12:34
Operator : RC/JU
Sample : Q1524-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Quant Time: Mar 11 13:06:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

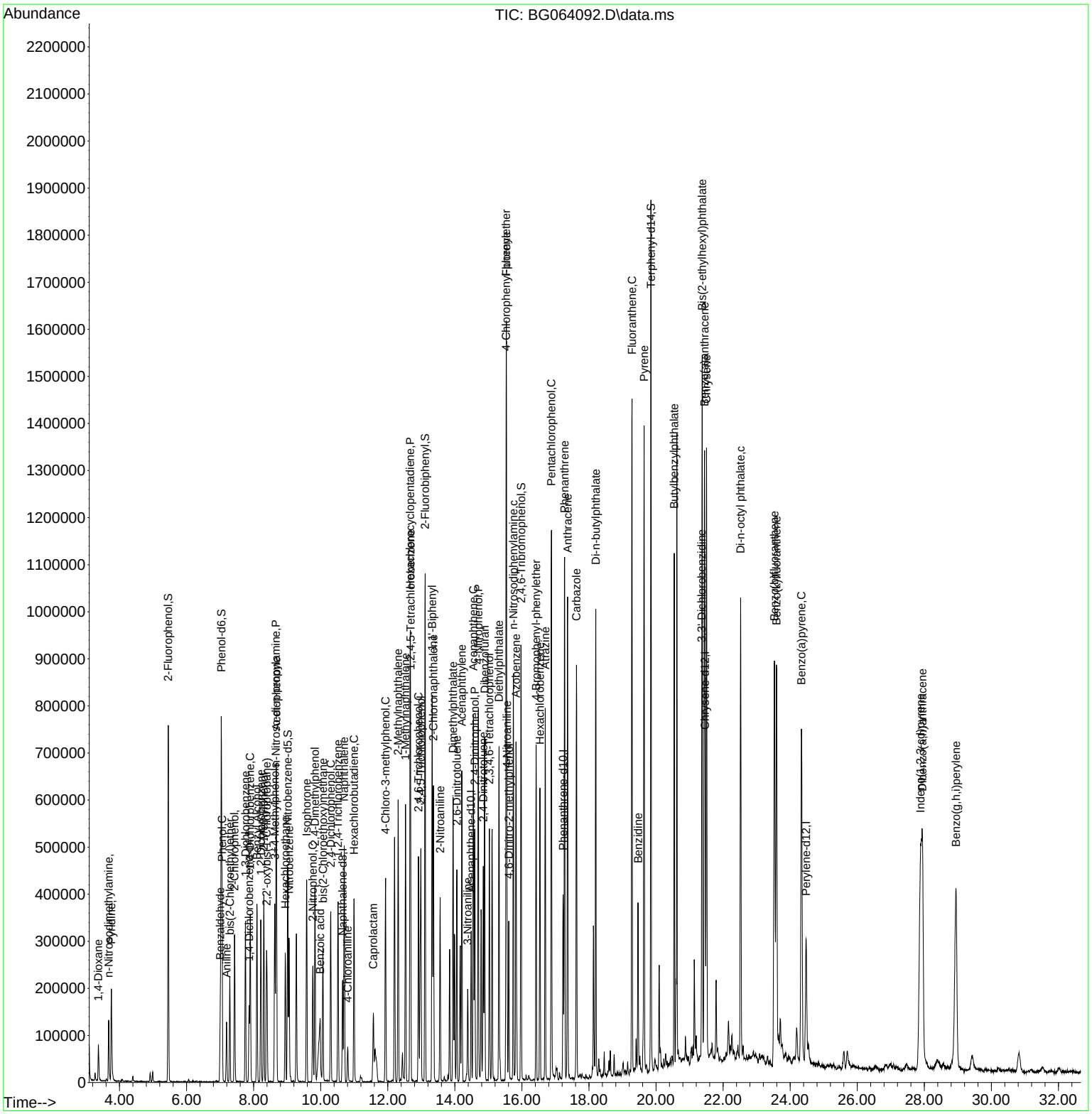
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.985 | 196 | 107343 | 53.400 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.326 | 154 | 414526 | 51.030 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.361 | 162 | 274065 | 46.260 | ng | | 97 |
| 48) 2-Nitroaniline | 13.561 | 65 | 102004 | 51.158 | ng | | 97 |
| 49) Acenaphthylene | 14.207 | 152 | 455993 | 48.661 | ng | | 99 |
| 50) Dimethylphthalate | 13.949 | 163 | 346968 | 43.716 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.060 | 165 | 73488 | 45.805 | ng | | 94 |
| 52) Acenaphthene | 14.554 | 154 | 288048 | 45.803 | ng | | 98 |
| 53) 3-Nitroaniline | 14.383 | 138 | 38048 | 24.804 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.595 | 184 | 92660 | 132.308 | ng | # | 83 |
| 55) Dibenzofuran | 14.889 | 168 | 445755 | 43.753 | ng | | 98 |
| 56) 4-Nitrophenol | 14.701 | 139 | 146708 | 114.038 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 14.848 | 165 | 110792 | 49.726 | ng | # | 97 |
| 58) Fluorene | 15.535 | 166 | 357656 | 45.074 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.030 | 232 | 103703 | 52.918 | ng | | 96 |
| 60) Diethylphthalate | 15.318 | 149 | 373637 | 43.365 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.529 | 204 | 170283 | 43.184 | ng | | 91 |
| 62) 4-Nitroaniline | 15.553 | 138 | 79774 | 48.169 | ng | | 94 |
| 63) Azobenzene | 15.823 | 77 | 418658 | 45.535 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.611 | 198 | 60354 | 57.074 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 15.747 | 169 | 317154 | 47.268 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248 | 117648 | 48.460 | ng | | 95 |
| 68) Hexachlorobenzene | 16.540 | 284 | 126317 | 46.475 | ng | | 97 |
| 69) Atrazine | 16.698 | 200 | 136521 | 69.153 | ng | | 96 |
| 70) Pentachlorophenol | 16.881 | 266 | 187939 | 111.368 | ng | | 100 |
| 71) Phenanthrene | 17.274 | 178 | 675251 | 53.408 | ng | | 97 |
| 72) Anthracene | 17.362 | 178 | 616012 | 48.999 | ng | | 98 |
| 73) Carbazole | 17.627 | 167 | 557030 | 47.456 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.202 | 149 | 662348 | 47.938 | ng | | 99 |
| 75) Fluoranthene | 19.284 | 202 | 866951 | 56.878 | ng | | 97 |
| 77) Benzidine | 19.466 | 184 | 200679 | 62.130 | ng | | 98 |
| 78) Pyrene | 19.642 | 202 | 867448 | 57.690 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.541 | 149 | 296430 | 52.193 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.446 | 228 | 790467 | 52.902 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.363 | 252 | 120757 | 24.972 | ng | | 100 |
| 83) Chrysene | 21.504 | 228 | 771266 | 51.753 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.375 | 149 | 450435 | 55.741 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.521 | 149 | 767109 | 55.036 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.885 | 276 | 930176 | 53.481 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.526 | 252 | 849260 | 54.042 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.596 | 252 | 775418 | 49.186 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.336 | 252 | 755131 | 53.955 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 27.944 | 278 | 704145 | 48.834 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 28.949 | 276 | 727372 | 49.133 | ng | | 94 |

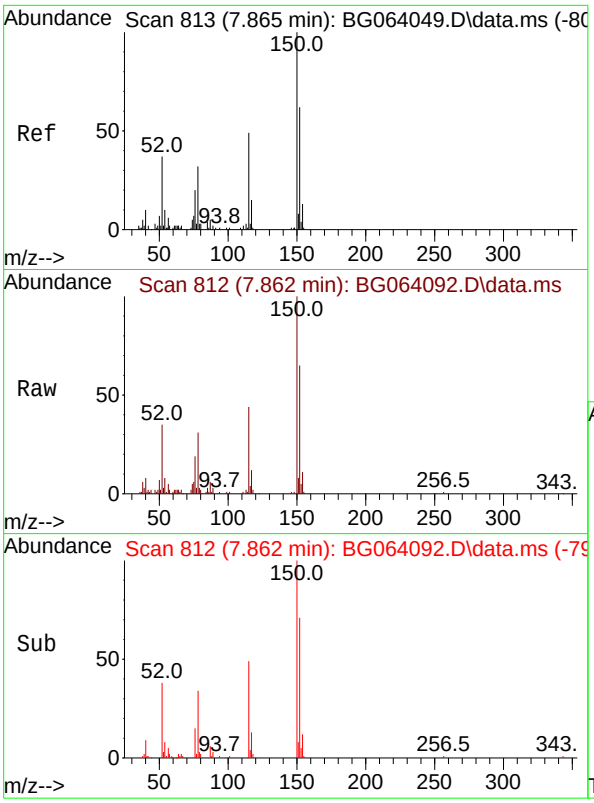
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064092.D
Acq On : 11 Mar 2025 12:34
Operator : RC/JU
Sample : Q1524-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Quant Time: Mar 11 13:06:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



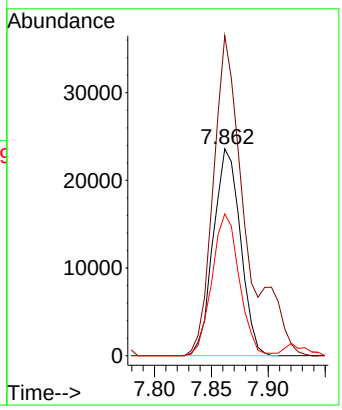


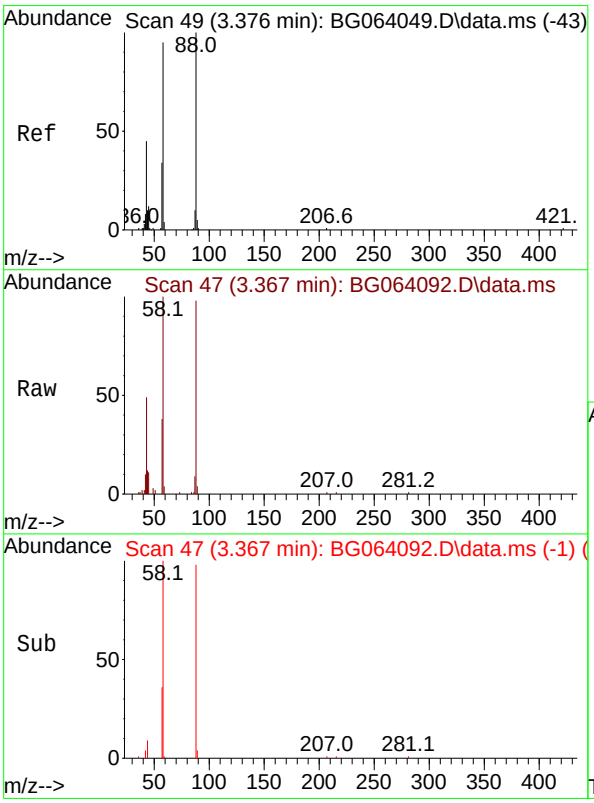

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:152 Resp: 39195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.7 | 129.2 | 193.8 |
| 115 | 68.6 | 63.0 | 94.6 |

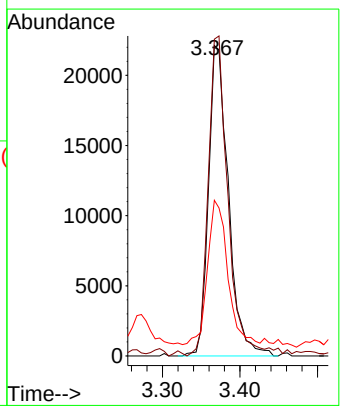


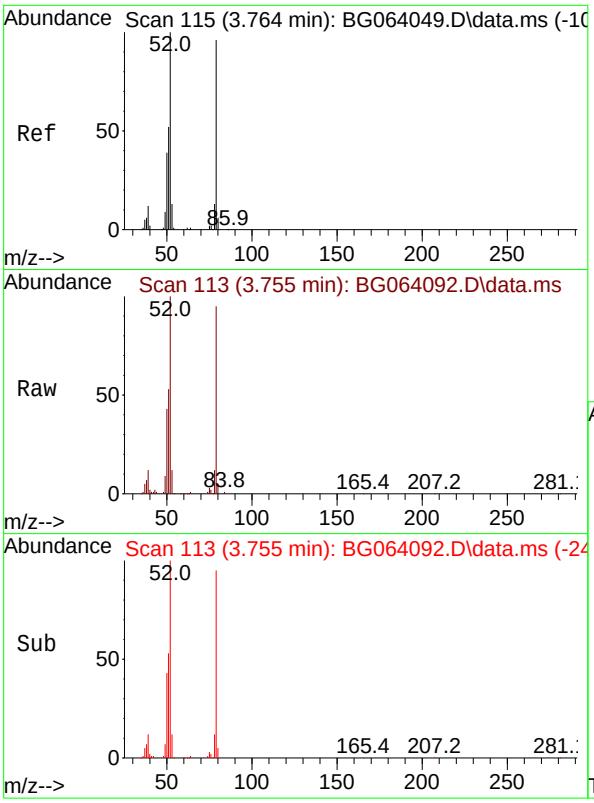




#2
1,4-Dioxane
Concen: 34.739 ng
RT: 3.367 min Scan# 47
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 88 Resp: 39520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 102.7 | 74.6 | 111.8 |
| 43 | 46.7 | 35.5 | 53.3 |



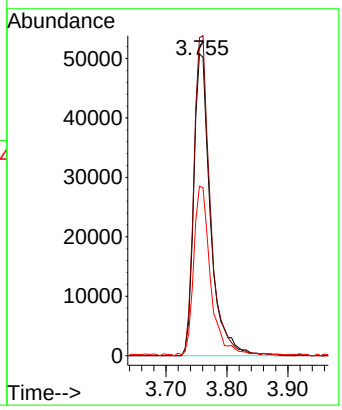


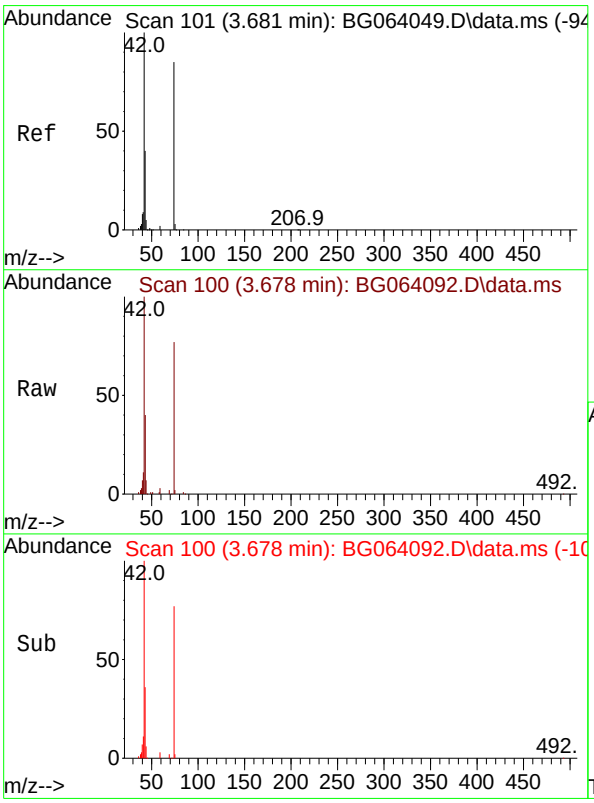

#3
Pyridine
Concen: 34.910 ng
RT: 3.755 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 79 Resp: 96584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 105.3 | 83.0 | 124.6 |
| 51 | 56.1 | 44.3 | 66.5 |

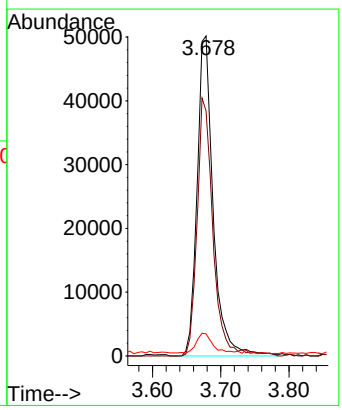


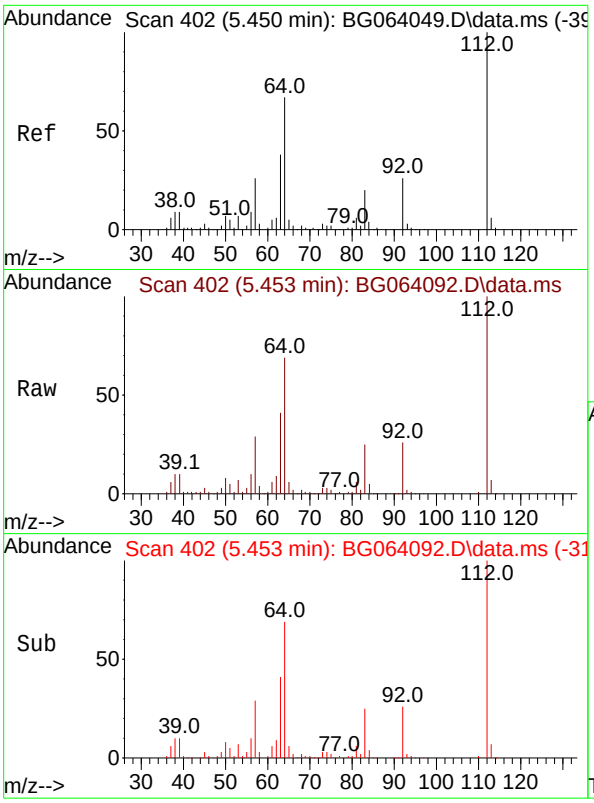




#4
n-Nitrosodimethylamine
Concen: 41.626 ng
RT: 3.678 min Scan# 100
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 42 Resp: 82283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 76.6 | 68.0 | 102.0 |
| 44 | 6.9 | 4.9 | 7.3 |



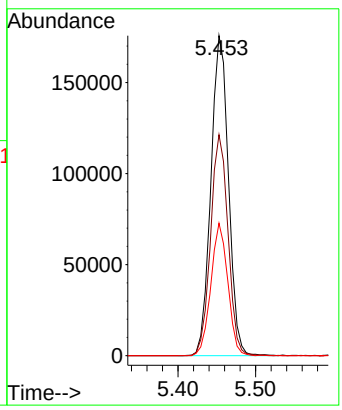


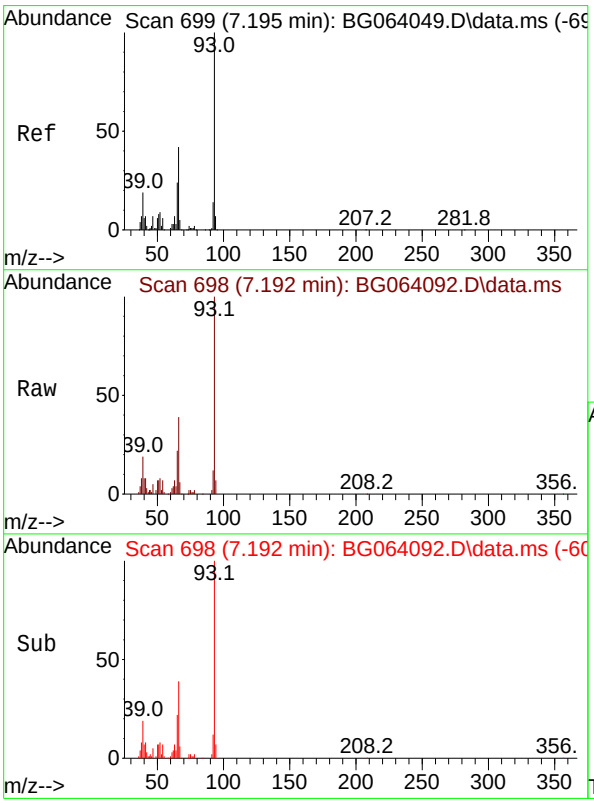

#5
2-Fluorophenol
Concen: 110.264 ng
RT: 5.453 min Scan# 4(
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:112 Resp: 276783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.0 | 53.7 | 80.5 |
| 63 | 41.4 | 30.2 | 45.4 |

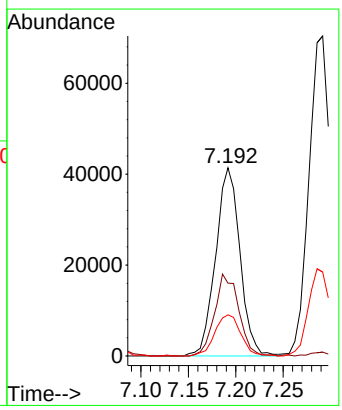


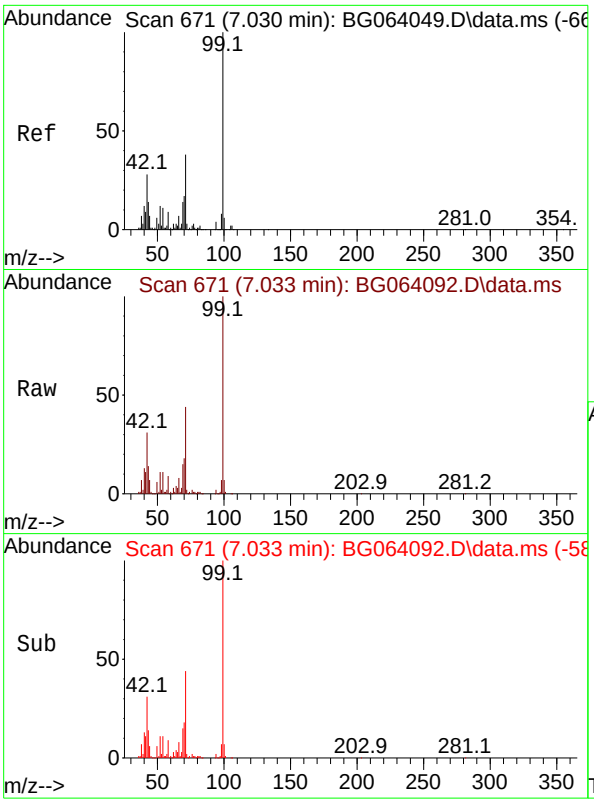




#6
Aniline
Concen: 22.091 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 93 Resp: 74023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.7 | 33.7 | 50.5 |
| 65 | 21.9 | 19.1 | 28.7 |



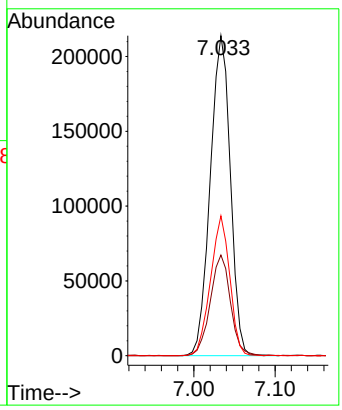


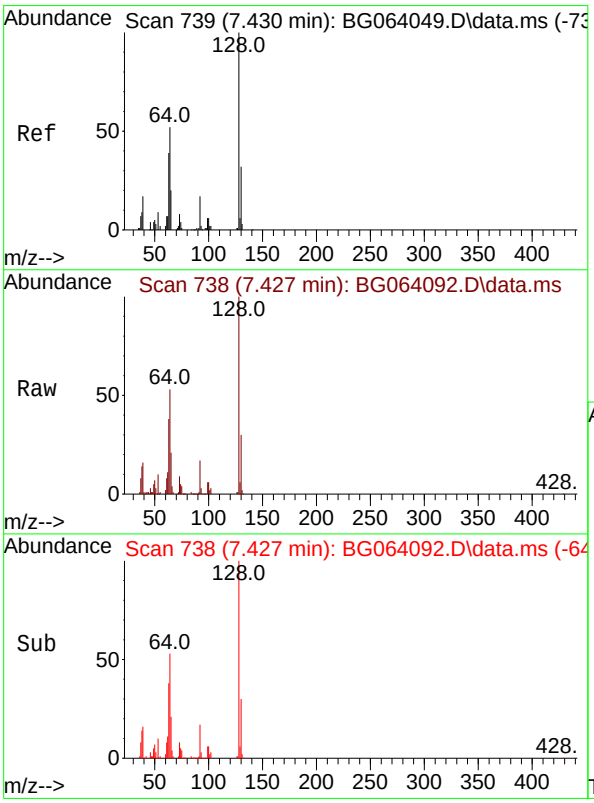

#7
Phenol-d6
Concen: 107.783 ng
RT: 7.033 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 99 Resp: 368058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 31.5 | 22.7 | 34.1 |
| 71 | 43.7 | 30.6 | 46.0 |

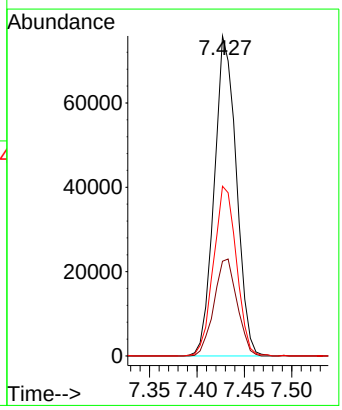


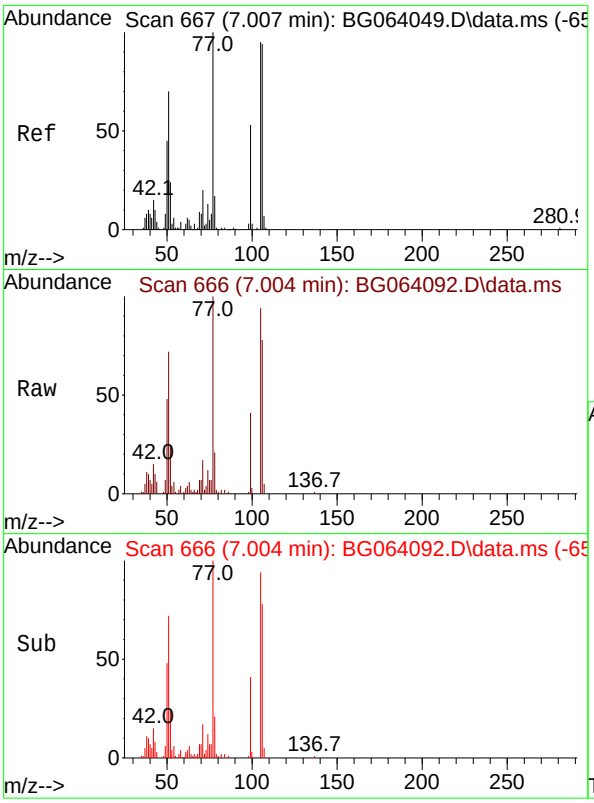




#8
2-Chlorophenol
Concen: 45.636 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:128 Resp: 123033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 29.6 | 12.3 | 52.3 |
| 64 | 53.1 | 37.0 | 77.0 |



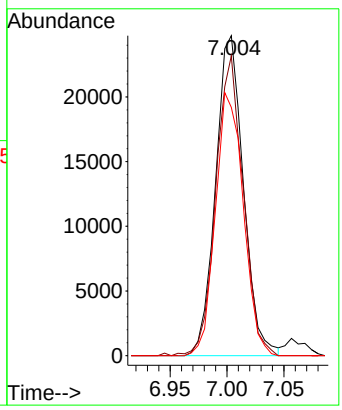


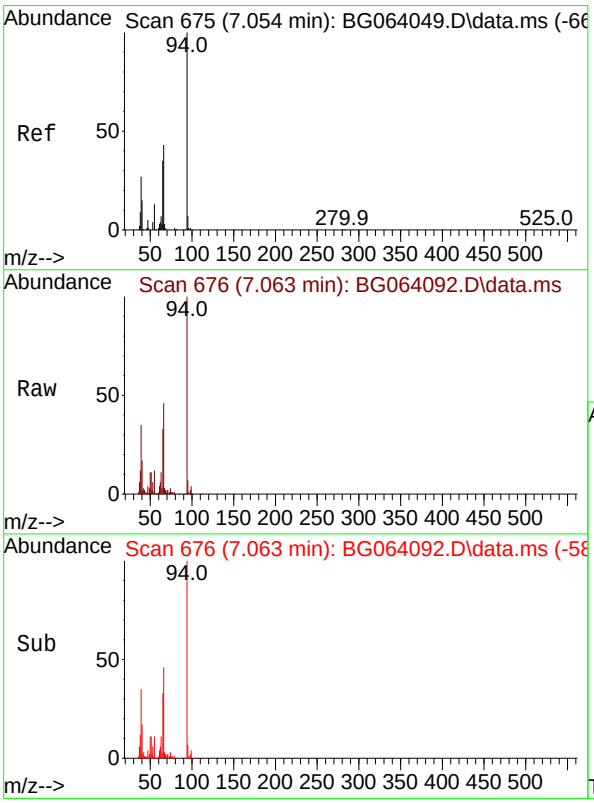

#9
Benzaldehyde
Concen: 21.213 ng
RT: 7.004 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 77 Resp: 42129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.7 | 75.5 | 115.5 |
| 106 | 77.6 | 74.2 | 114.2 |

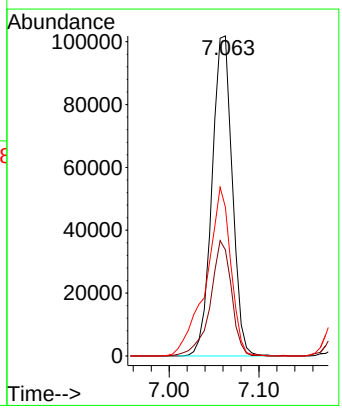


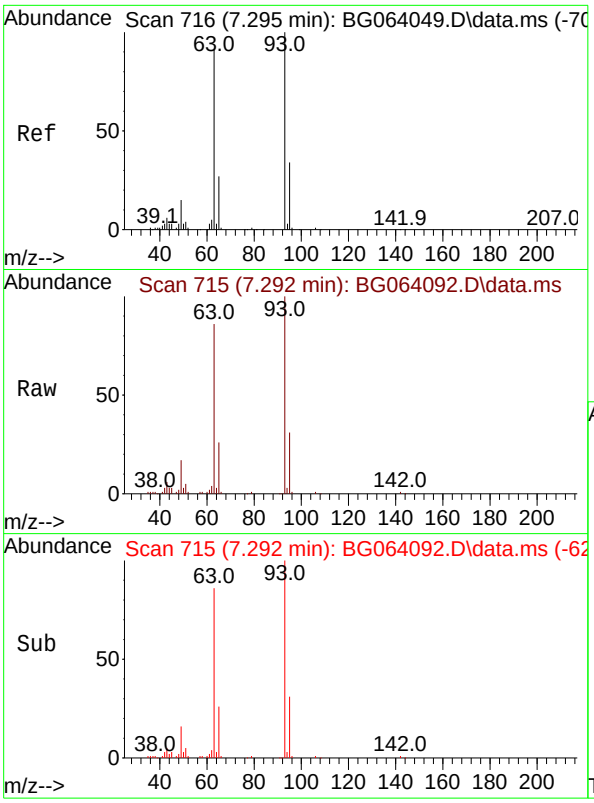




#10
Phenol
Concen: 45.629 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 94 Resp: 159529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.2 | 15.2 | 55.2 |
| 66 | 46.5 | 25.1 | 65.1 |



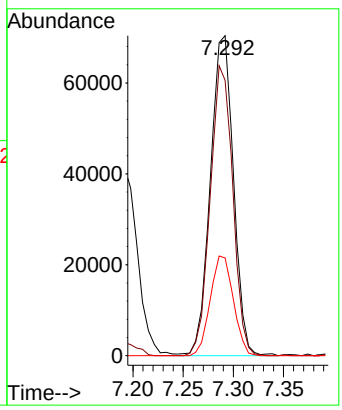


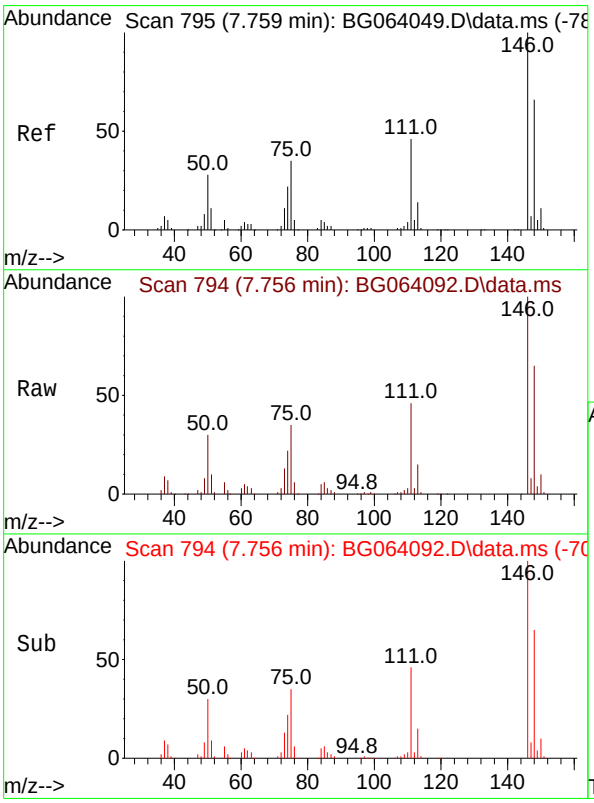

#11
bis(2-Chloroethyl)ether
Concen: 41.178 ng
RT: 7.292 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 93 Resp: 112869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 86.1 | 70.0 | 110.0 |
| 95 | 30.6 | 13.7 | 53.7 |

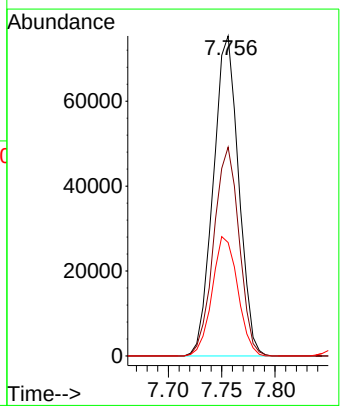


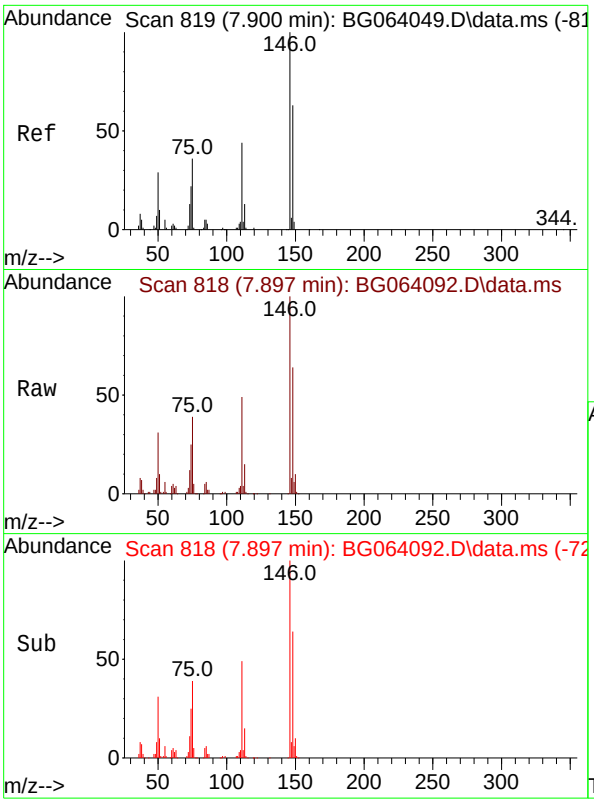




#12
1,3-Dichlorobenzene
Concen: 42.063 ng
RT: 7.756 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:146 Resp: 124528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 52.6 | 78.8 |
| 75 | 35.4 | 28.1 | 42.1 |



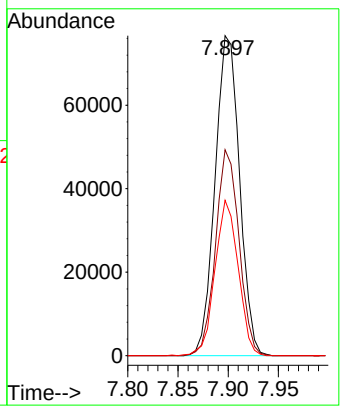


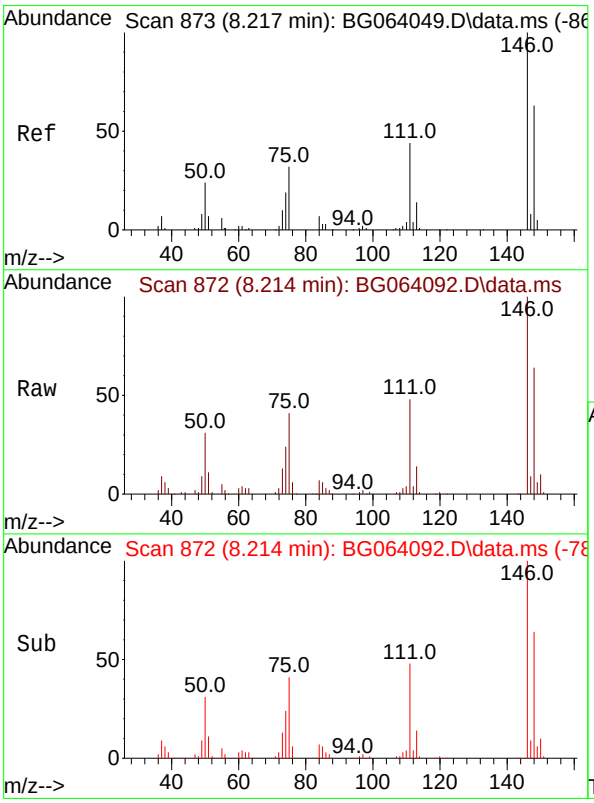

#13
1,4-Dichlorobenzene
Concen: 42.846 ng
RT: 7.897 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:146 Resp: 130015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 50.6 | 75.8 |
| 111 | 48.6 | 35.1 | 52.7 |

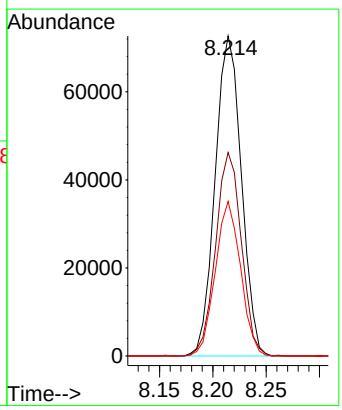


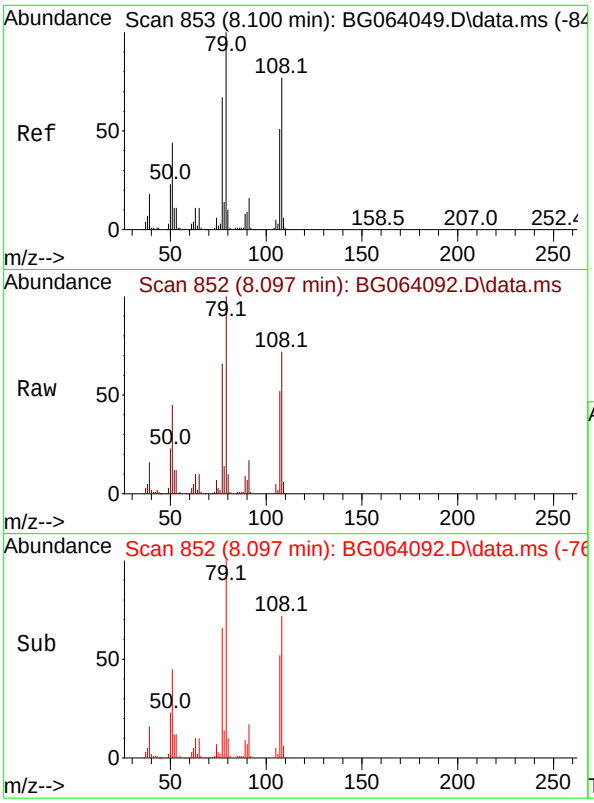




#14
1,2-Dichlorobenzene
Concen: 42.487 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:146 Resp: 124320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.2 | 75.2 |
| 111 | 48.3 | 36.4 | 54.6 |



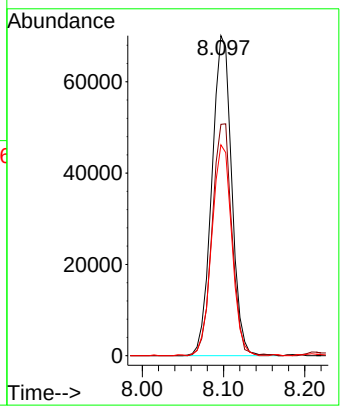


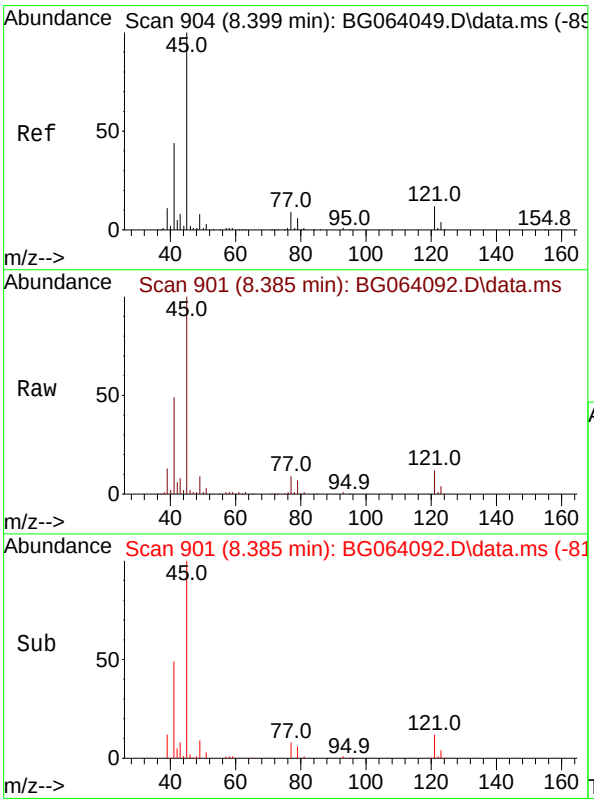

#15
Benzyl Alcohol
Concen: 45.092 ng
RT: 8.097 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 79 Resp: 118988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.3 | 61.7 | 92.5 |
| 77 | 65.9 | 53.9 | 80.9 |

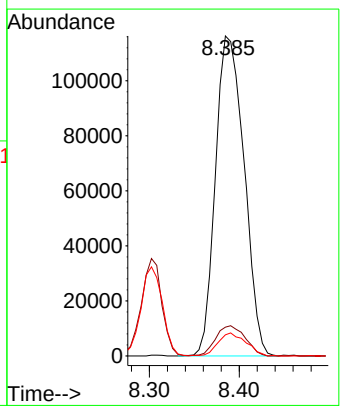


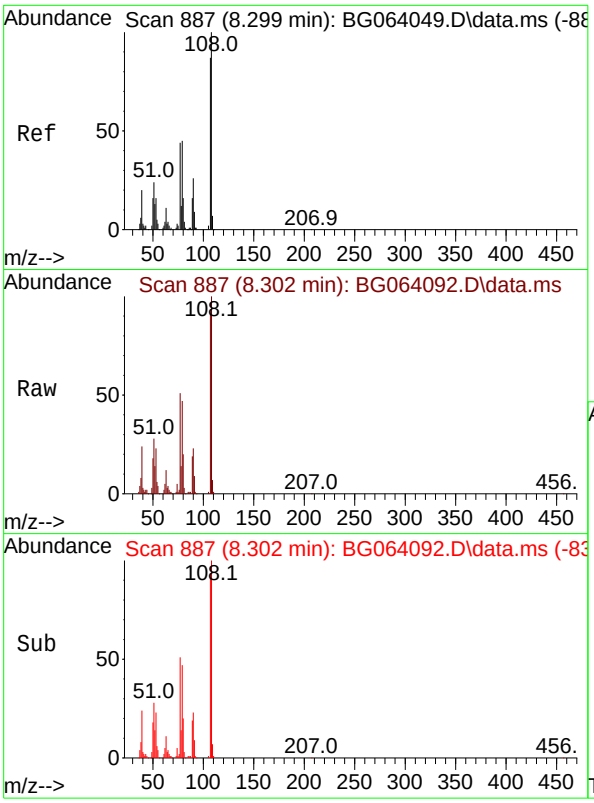




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.768 ng
RT: 8.385 min Scan# 901
Delta R.T. -0.015 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 45 Resp: 257430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.0 | 0.0 | 29.0 |
| 79 | 6.6 | 0.0 | 26.6 |



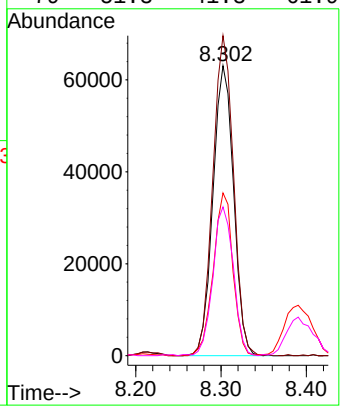


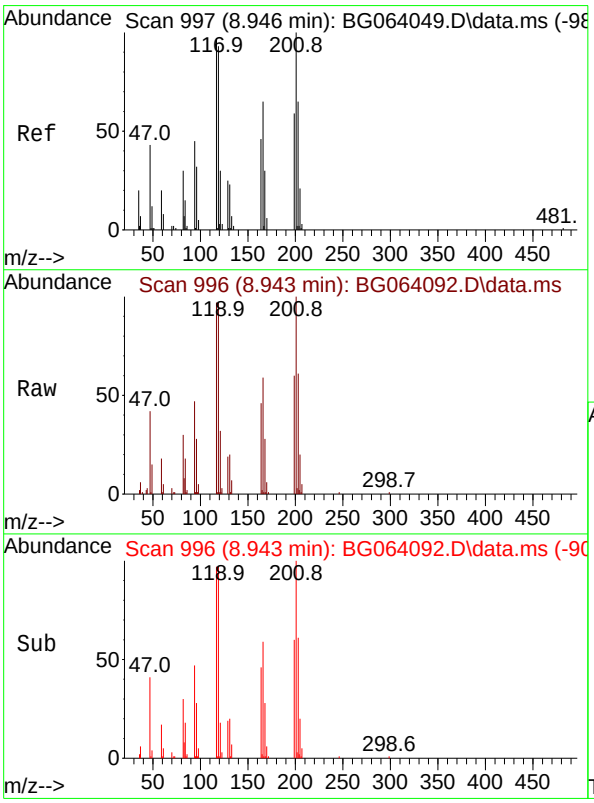

#17
2-Methylphenol
Concen: 45.835 ng
RT: 8.302 min Scan# 88
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:107 Resp: 106357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.4 | 92.5 | 138.7 |
| 77 | 56.1 | 40.5 | 60.7 |
| 79 | 51.3 | 41.3 | 61.9 |

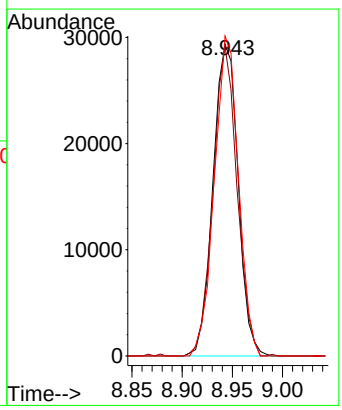


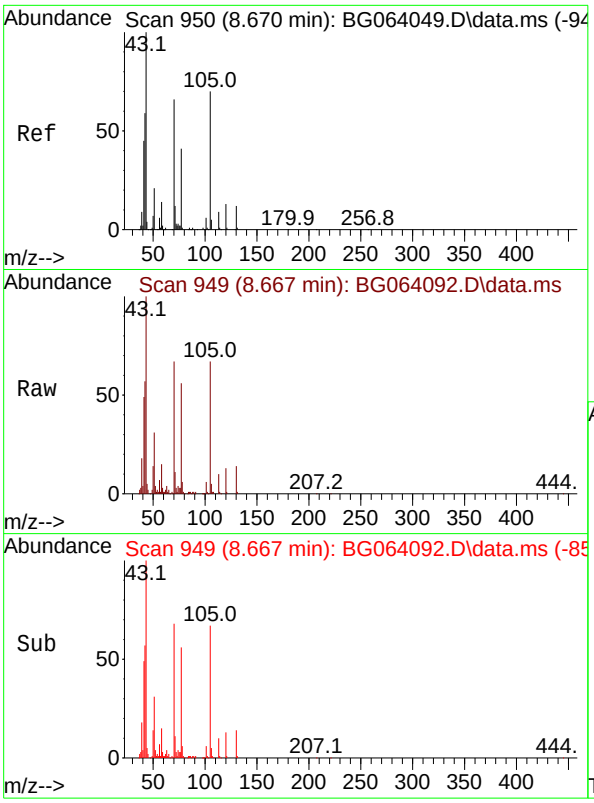




#18
Hexachloroethane
Concen: 47.775 ng
RT: 8.943 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:117 Resp: 50722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.3 | 76.2 | 114.2 |
| 201 | 102.6 | 81.5 | 122.3 |



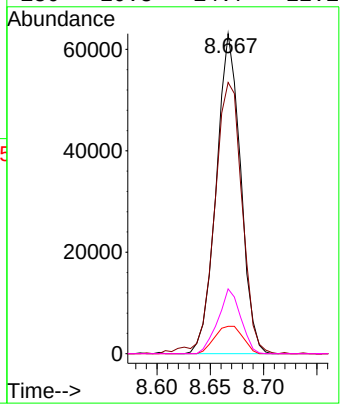


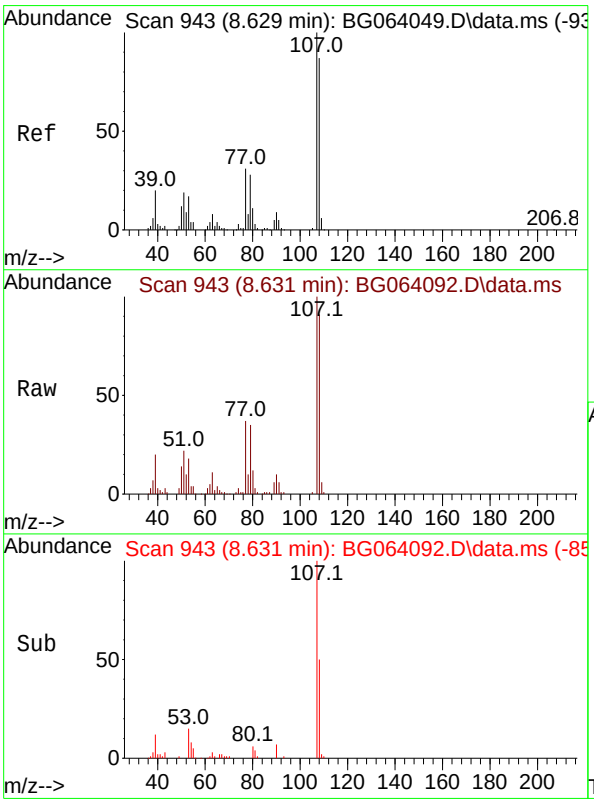

#19
n-Nitroso-di-n-propylamine
Concen: 41.633 ng
RT: 8.667 min Scan# 94
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 70 Resp: 99774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 84.8 | 72.1 | 108.1 |
| 101 | 8.6 | 7.2 | 10.8 |
| 130 | 20.3 | 14.7 | 22.1 |

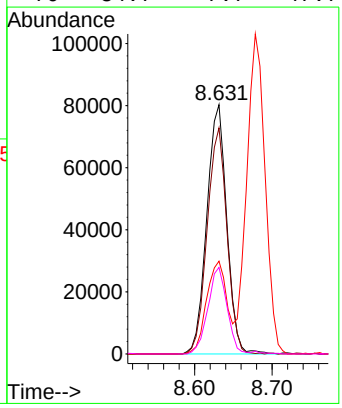


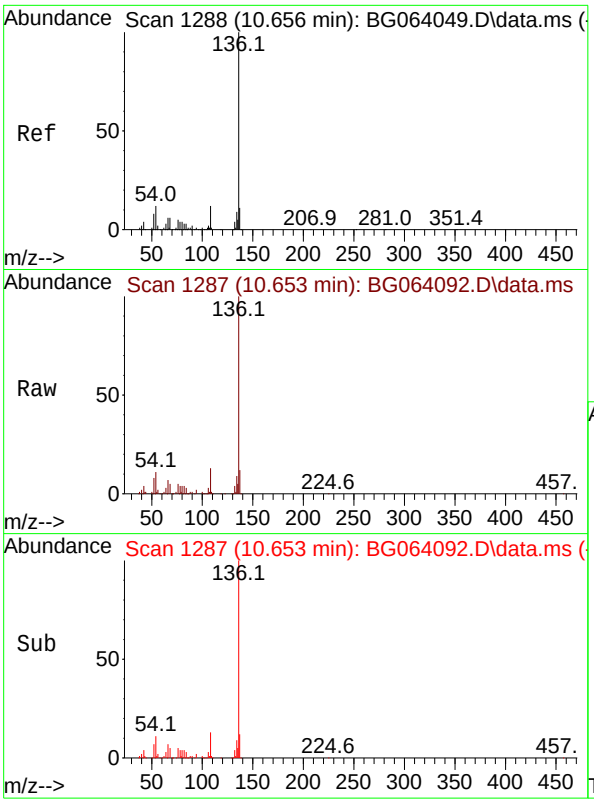




#20
3+4-Methylphenols
Concen: 44.895 ng
RT: 8.631 min Scan# 943
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:107 Resp: 143418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 67.0 | 107.0 |
| 77 | 37.2 | 11.2 | 51.2 |
| 79 | 34.7 | 7.7 | 47.7 |



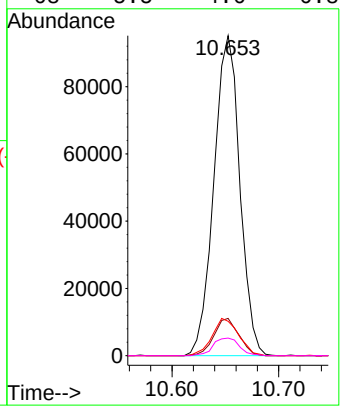


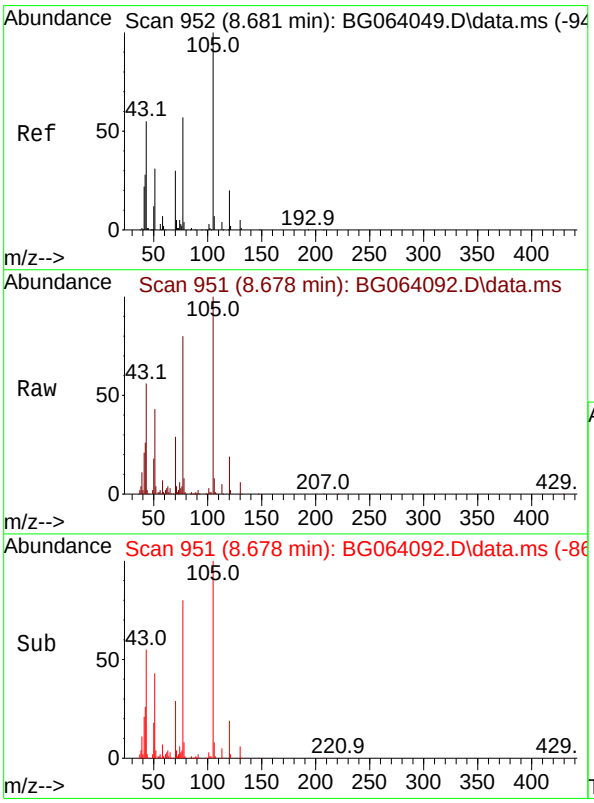

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.653 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:136 Resp: 160691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 8.5 | 12.7 |
| 54 | 10.7 | 9.9 | 14.9 |
| 68 | 5.5 | 4.6 | 6.8 |

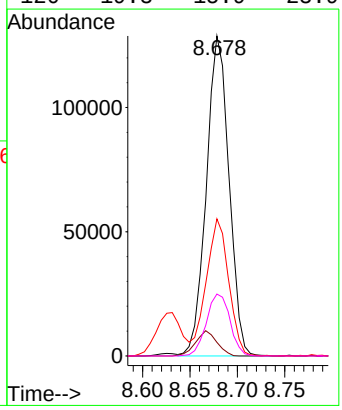


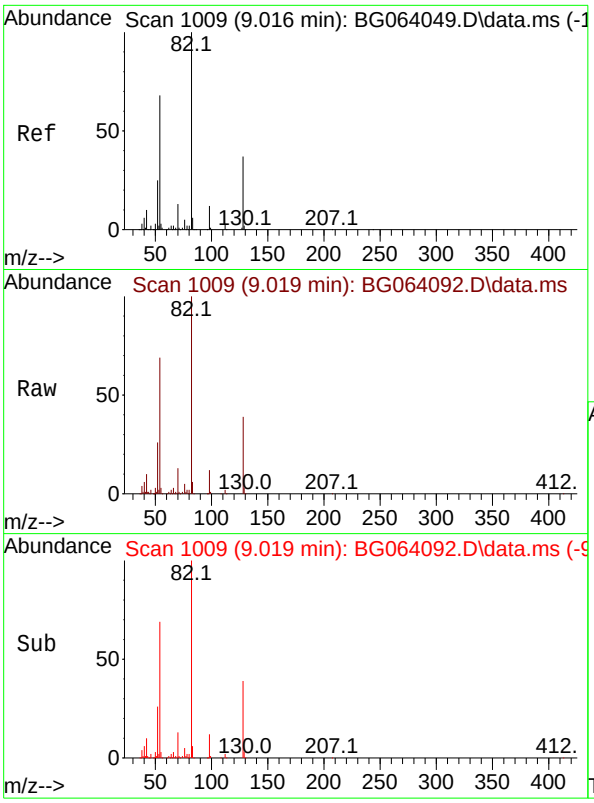




#22
Acetophenone
Concen: 48.598 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:105 Resp: 214115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.3 | 4.2 | 6.4 |
| 51 | 42.9 | 33.3 | 49.9 |
| 120 | 19.3 | 15.9 | 23.9 |



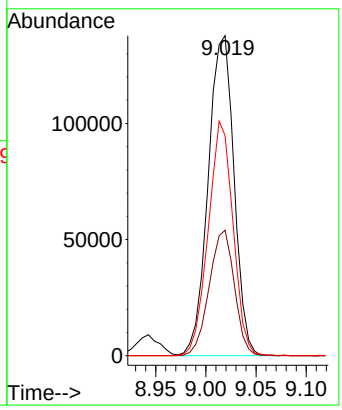


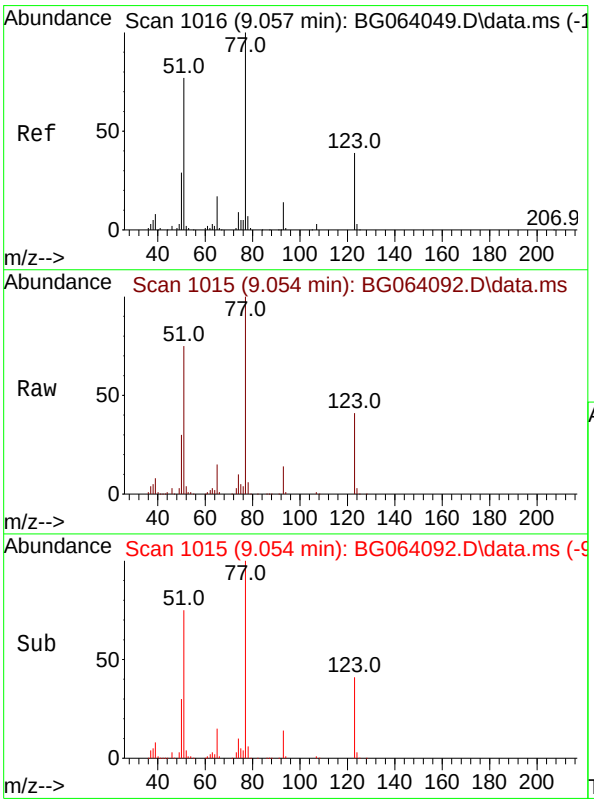

#23
Nitrobenzene-d5
Concen: 84.871 ng
RT: 9.019 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 82 Resp: 246787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.2 | 30.0 | 45.0 |
| 54 | 68.7 | 54.7 | 82.1 |

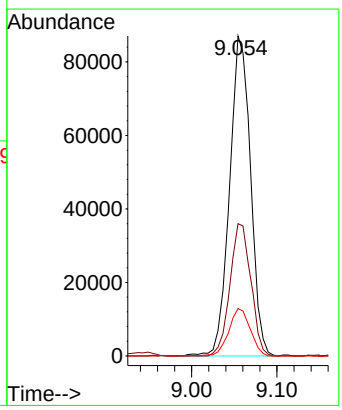


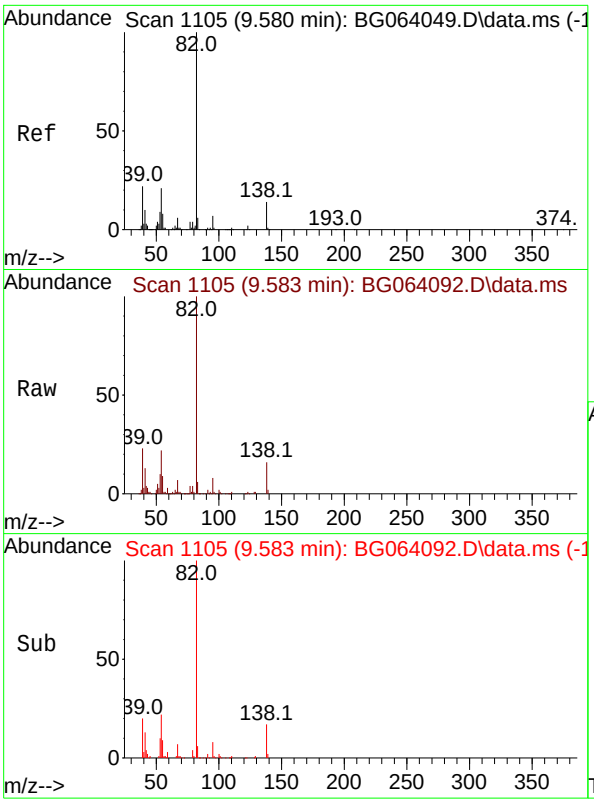




#24
Nitrobenzene
Concen: 49.586 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 77 Resp: 149011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.4 | 31.4 | 47.2 |
| 65 | 14.8 | 13.4 | 20.0 |



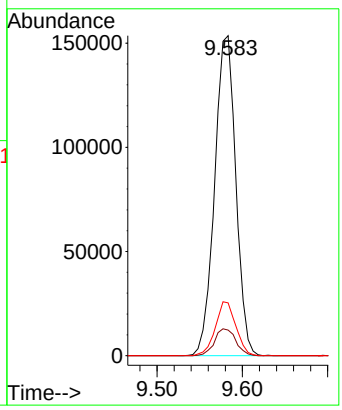


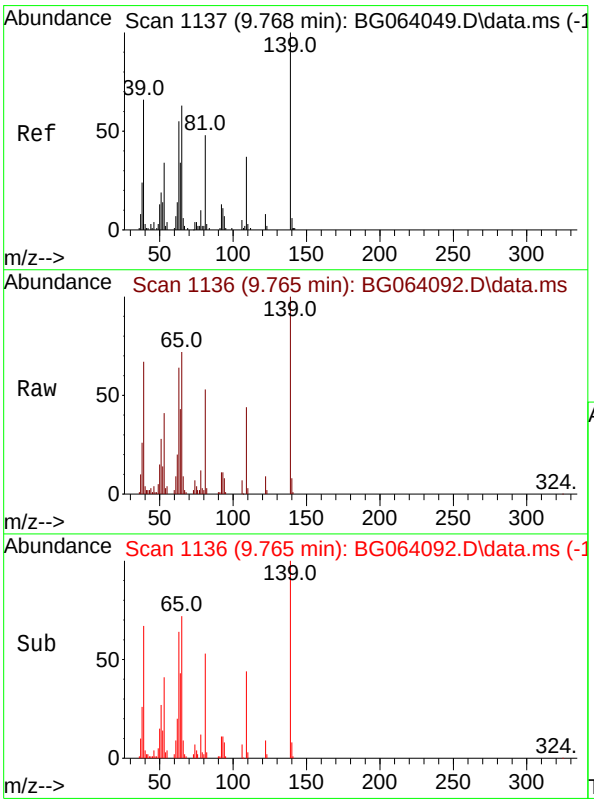

#25
Isophorone
Concen: 45.501 ng
RT: 9.583 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 82 Resp: 264823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.0 | 5.8 | 8.8 |
| 138 | 16.5 | 10.9 | 16.3# |

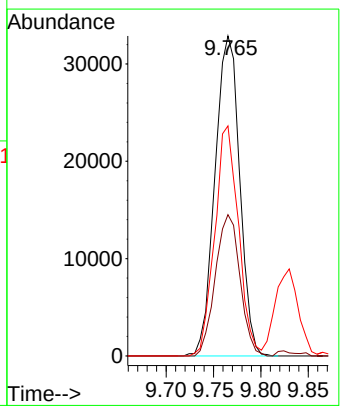


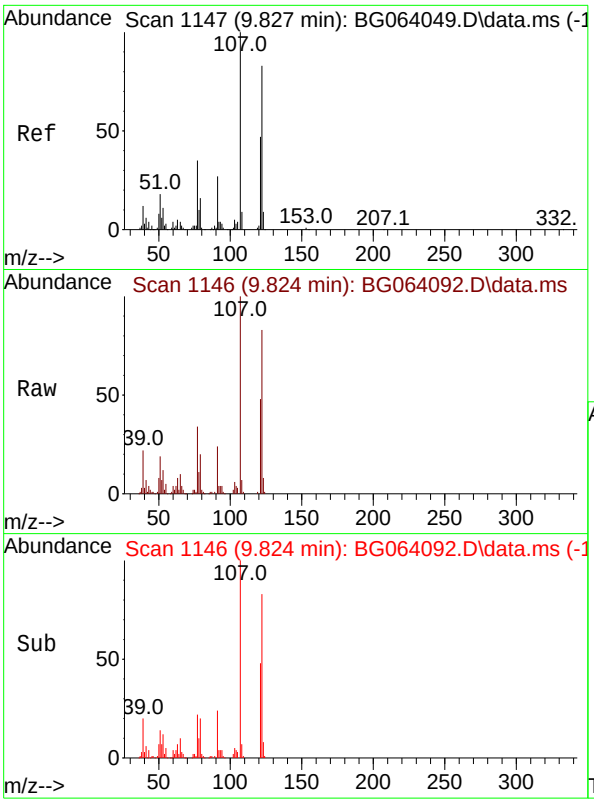




#26
2-Nitrophenol
Concen: 55.361 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:139 Resp: 59577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 44.2 | 29.9 | 44.9 |
| 65 | 71.9 | 50.6 | 76.0 |



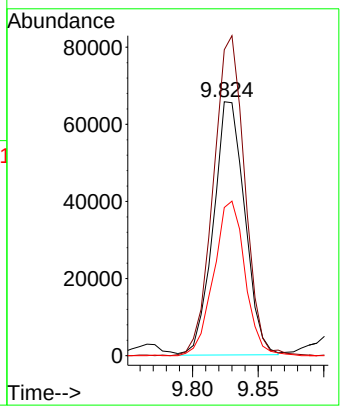


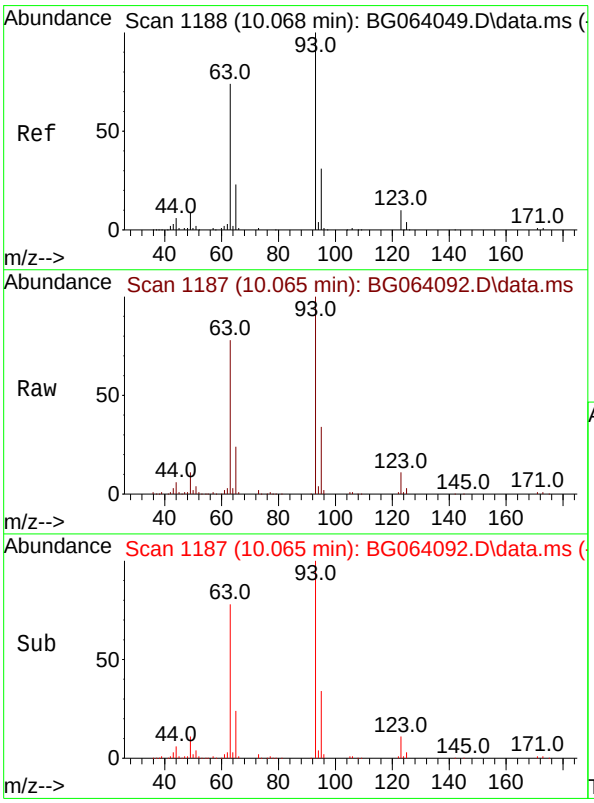

#27
2,4-Dimethylphenol
Concen: 62.602 ng
RT: 9.824 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:122 Resp: 109226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 120.4 | 95.4 | 143.0 |
| 121 | 58.4 | 44.9 | 67.3 |

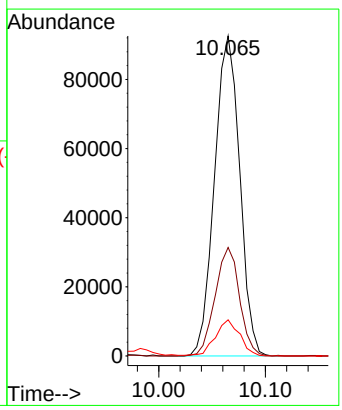


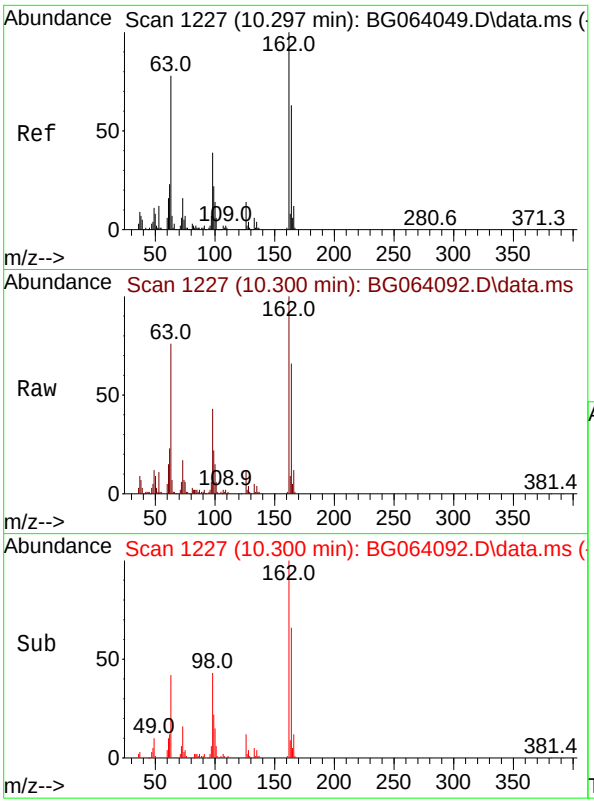




#28
bis(2-Chloroethoxy)methane
Concen: 43.022 ng
RT: 10.065 min Scan# 1187
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 93 Resp: 151807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.9 | 25.0 | 37.4 |
| 123 | 11.3 | 7.6 | 11.4 |



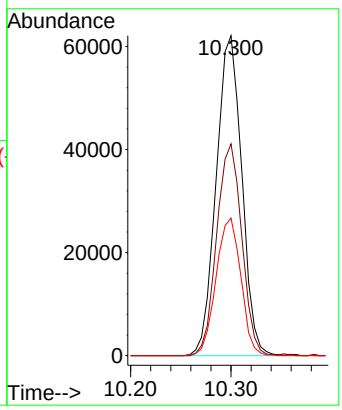


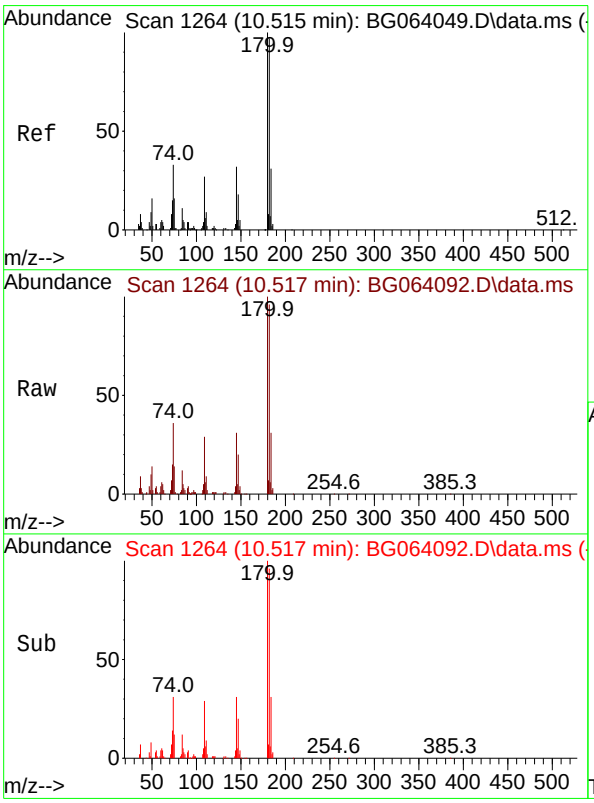

#29
2,4-Dichlorophenol
Concen: 49.885 ng
RT: 10.300 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:162 Resp: 109904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.2 | 42.8 | 82.8 |
| 98 | 43.0 | 19.1 | 59.1 |

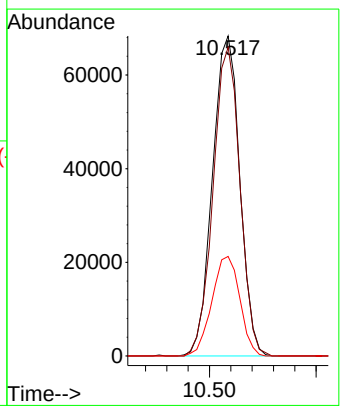


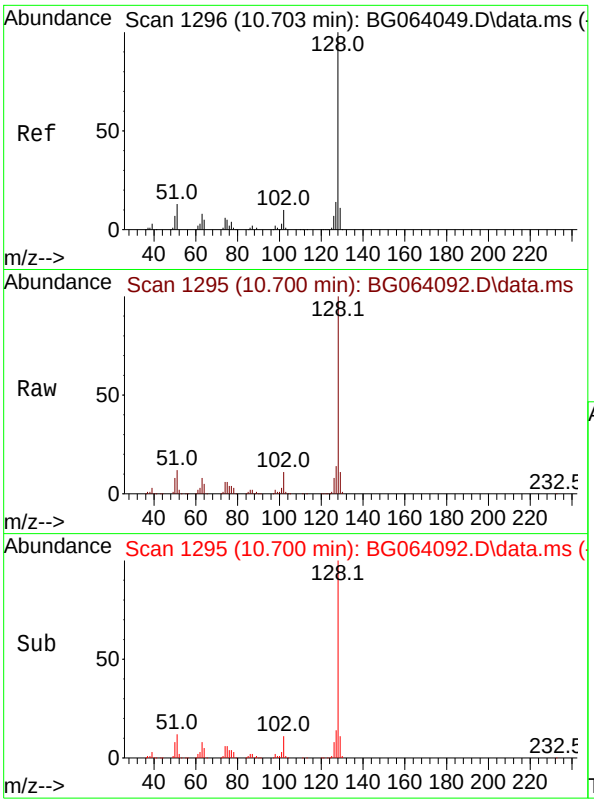




#30
1,2,4-Trichlorobenzene
Concen: 45.637 ng
RT: 10.517 min Scan# 1264
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:180 Resp: 121376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.5 | 77.3 | 115.9 |
| 145 | 31.1 | 25.2 | 37.8 |



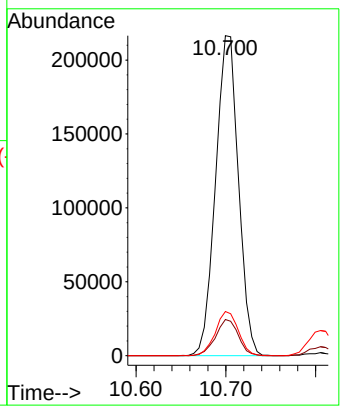


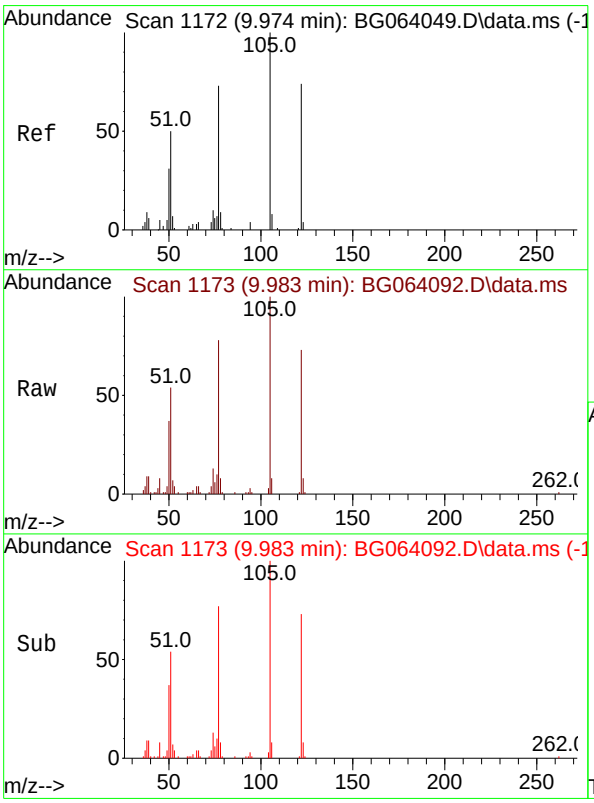

#31
Naphthalene
Concen: 44.148 ng
RT: 10.700 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:128 Resp: 382540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.4 | 12.6 |
| 127 | 13.8 | 11.1 | 16.7 |

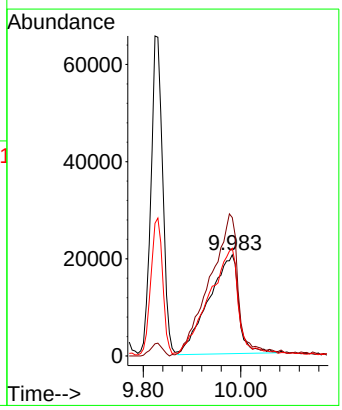


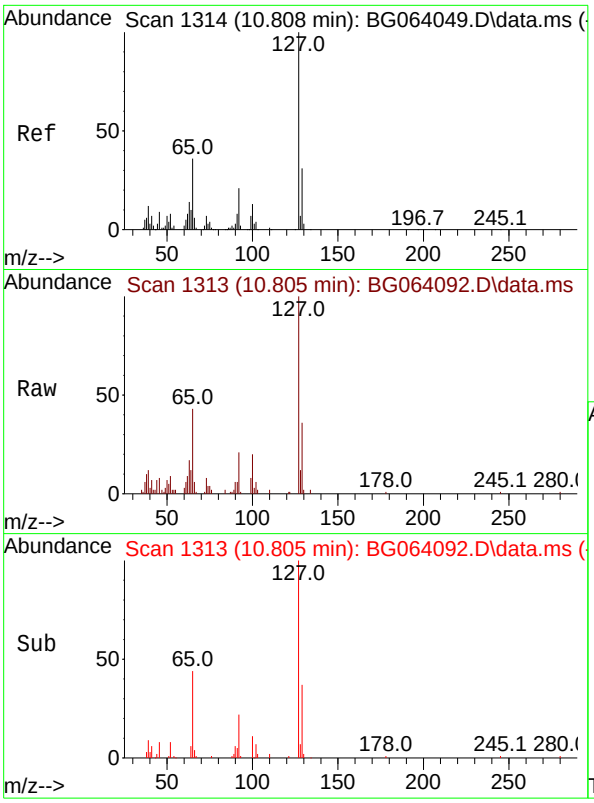




#32
Benzoic acid
Concen: 52.977 ng
RT: 9.983 min Scan# 1173
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:122 Resp: 86642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 136.8 | 115.0 | 155.0 |
| 77 | 106.5 | 80.9 | 120.9 |



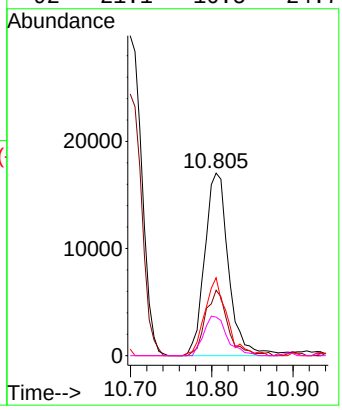


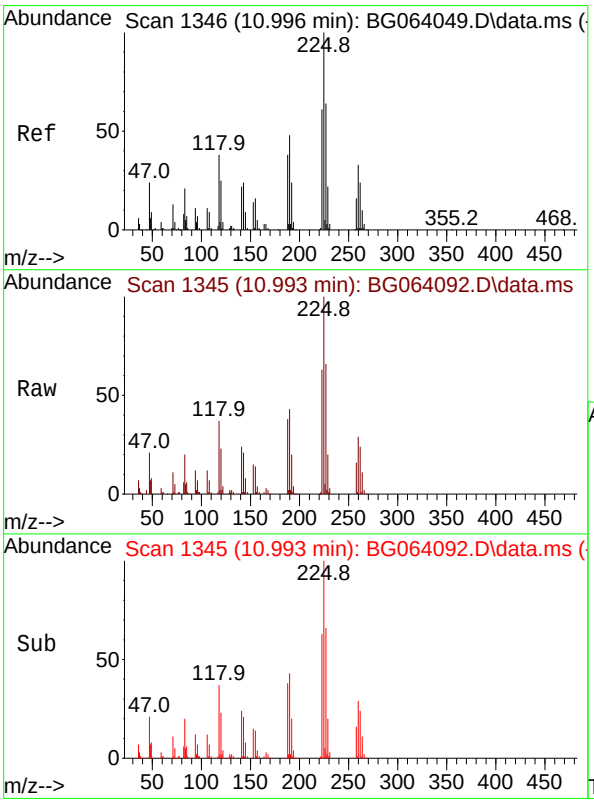

#33
4-Chloroaniline
Concen: 10.953 ng
RT: 10.805 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:127 Resp: 34687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 35.9 | 25.0 | 37.4 |
| 65 | 42.7 | 28.5 | 42.7 |
| 92 | 21.1 | 16.5 | 24.7 |

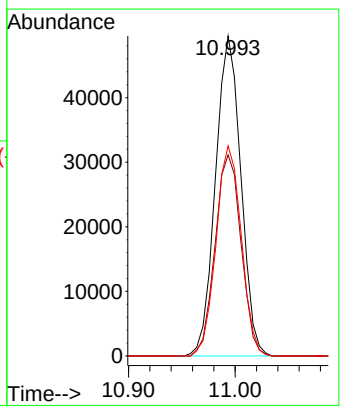


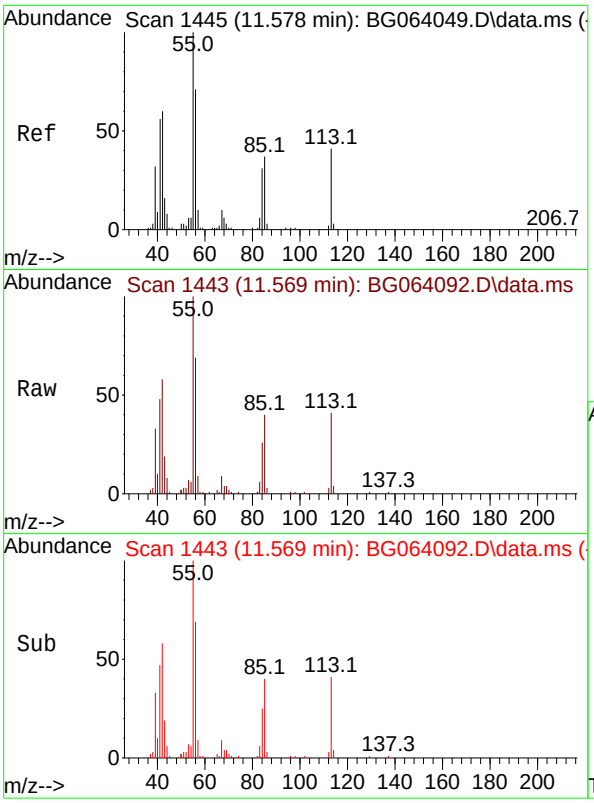




#34
Hexachlorobutadiene
Concen: 46.995 ng
RT: 10.993 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:225 Resp: 81925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.9 | 48.5 | 72.7 |
| 227 | 65.7 | 51.0 | 76.6 |



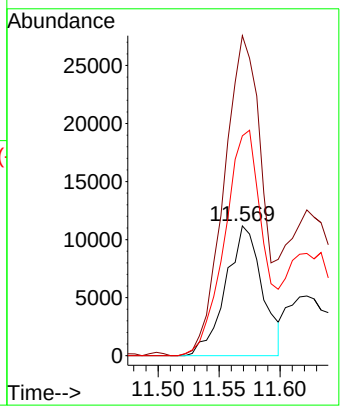


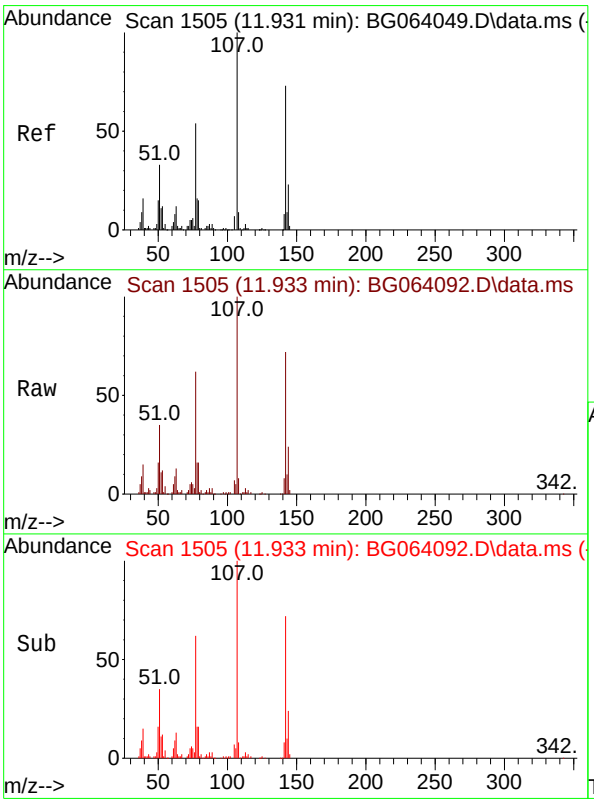

#35
Caprolactam
Concen: 27.570 ng
RT: 11.569 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:113 Resp: 23277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 246.7 | 225.2 | 265.2 |
| 56 | 169.5 | 153.4 | 193.4 |

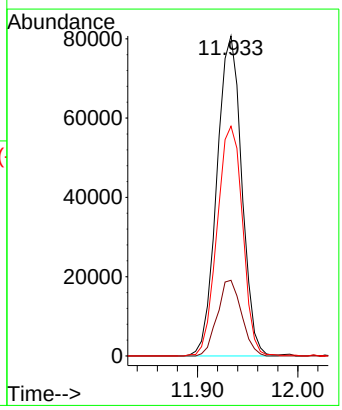


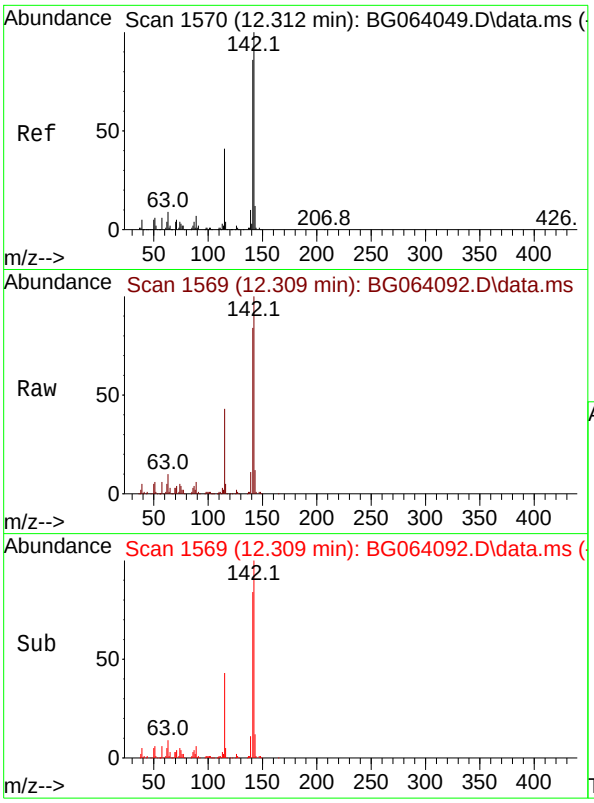




#36
4-Chloro-3-methylphenol
Concen: 48.060 ng
RT: 11.933 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:107 Resp: 138793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.6 | 18.6 | 28.0 |
| 142 | 71.8 | 58.0 | 87.0 |



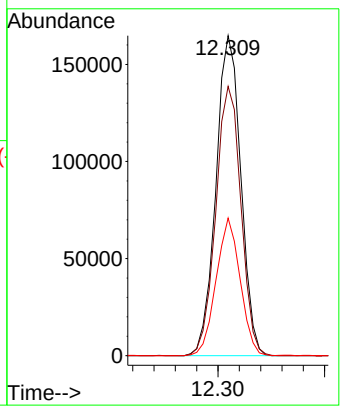


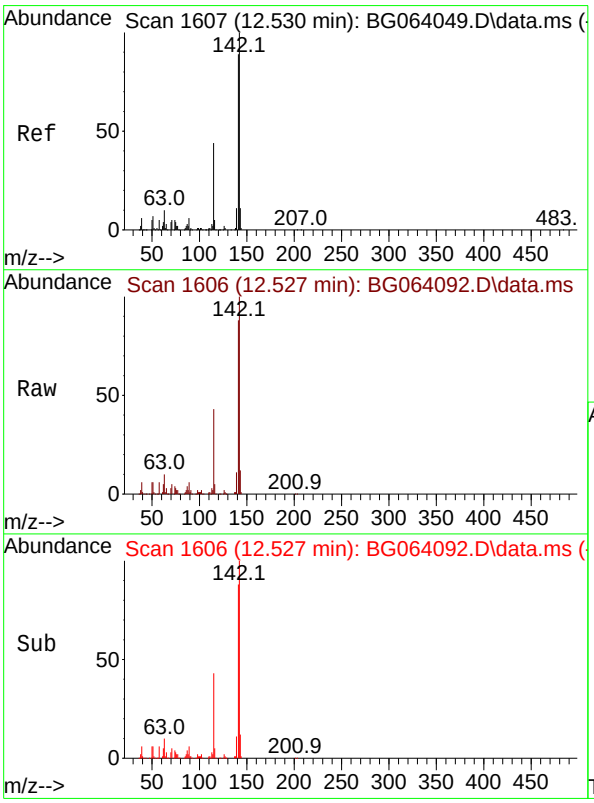

#37
2-Methylnaphthalene
Concen: 43.626 ng
RT: 12.309 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:142 Resp: 266863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 84.2 | 68.6 | 103.0 |
| 115 | 43.0 | 32.8 | 49.2 |

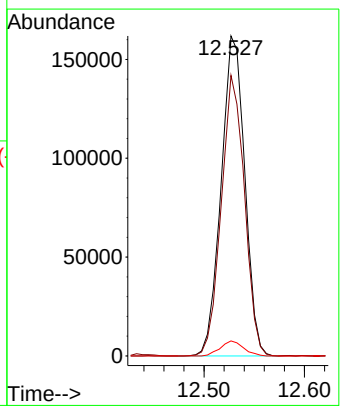


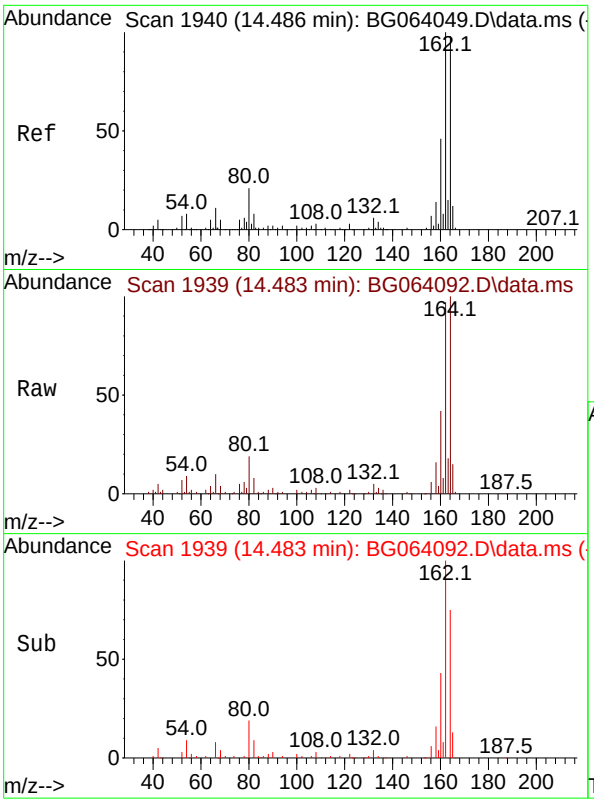




#38
1-Methylnaphthalene
Concen: 44.197 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:142 Resp: 264868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 71.2 | 106.8 |
| 116 | 4.7 | 3.6 | 5.4 |



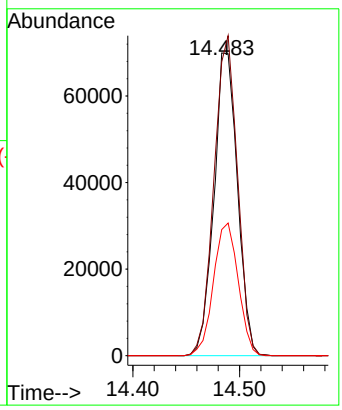


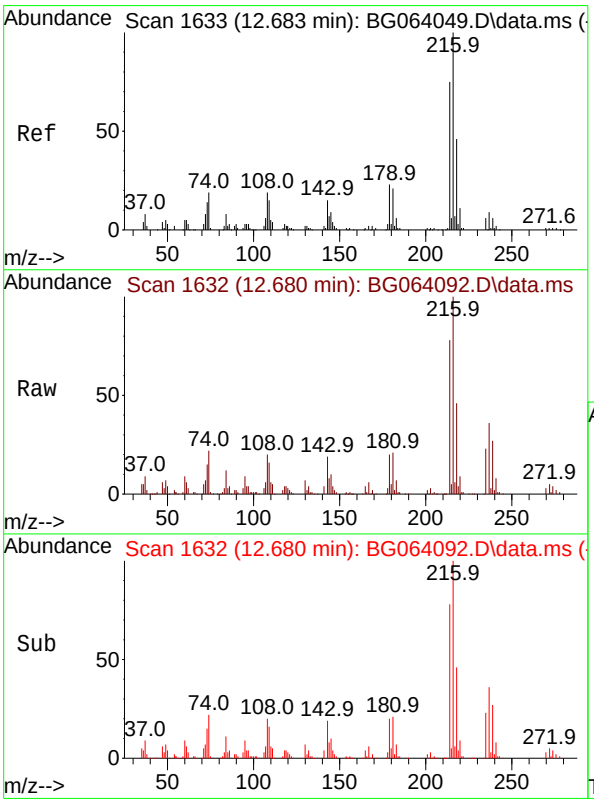

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:164 Resp: 107519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.0 | 81.4 | 122.0 |
| 160 | 41.7 | 37.0 | 55.6 |

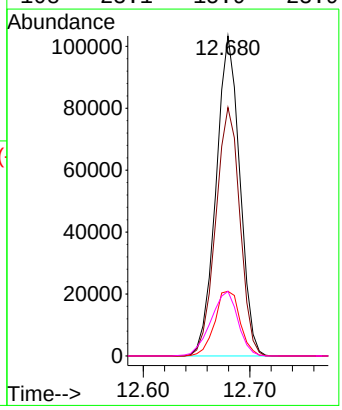


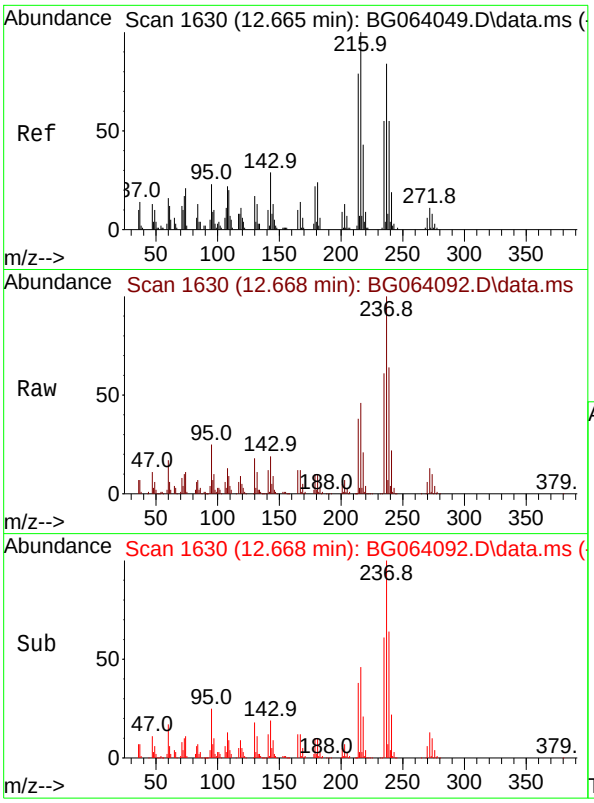




#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.011 ng
RT: 12.680 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:216 Resp: 159651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.8 | 61.7 | 92.5 |
| 179 | 21.6 | 17.9 | 26.9 |
| 108 | 23.1 | 15.9 | 23.9 |



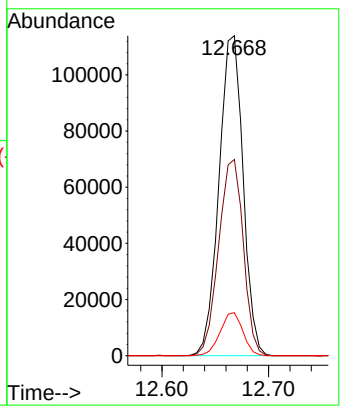


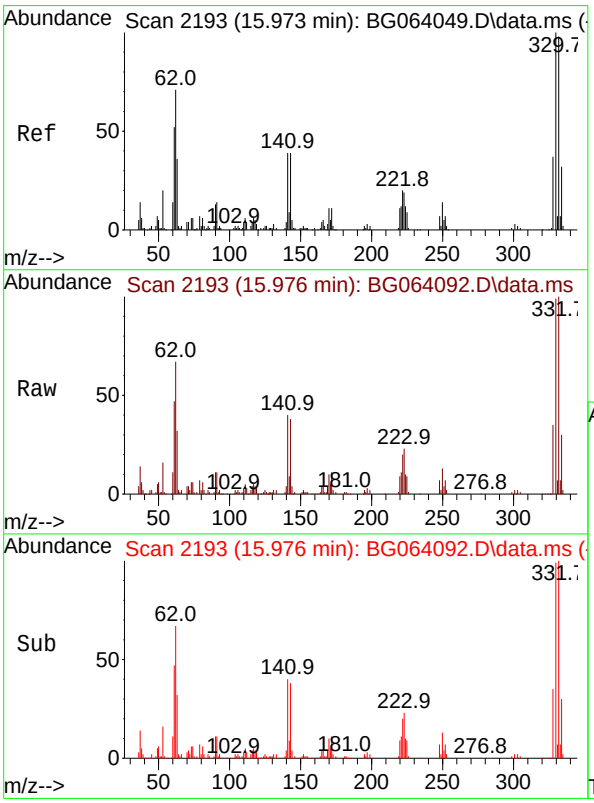

#41
Hexachlorocyclopentadiene
Concen: 206.986 ng
RT: 12.668 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:237 Resp: 178824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.3 | 46.0 | 86.0 |
| 272 | 13.5 | 0.0 | 32.8 |

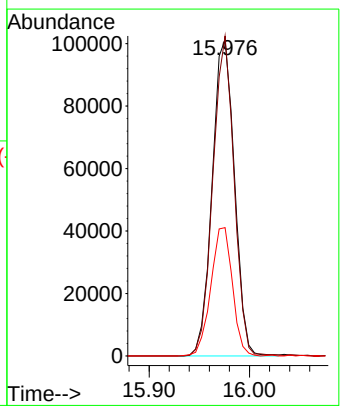


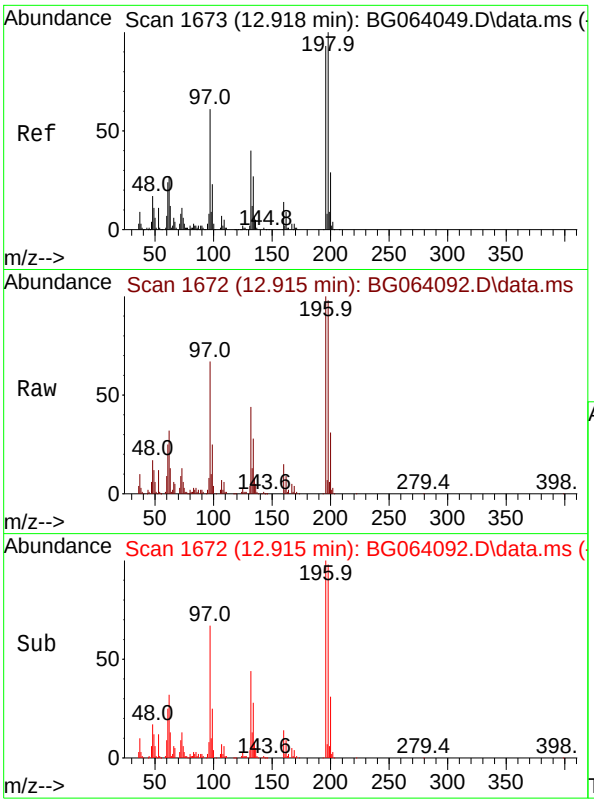




#42
2,4,6-Tribromophenol
Concen: 130.472 ng
RT: 15.976 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:330 Resp: 155934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 76.7 | 115.1 |
| 141 | 39.4 | 29.7 | 44.5 |



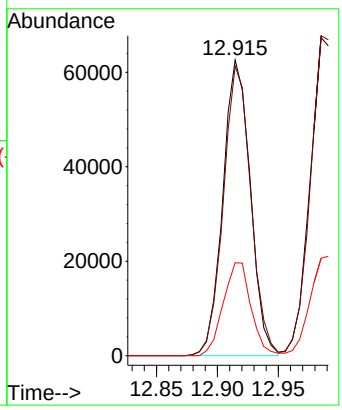


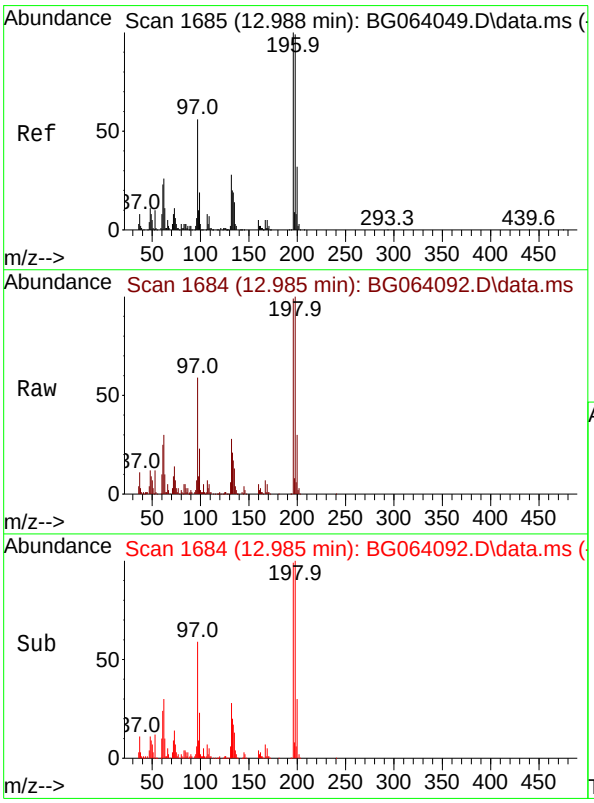

#43
2,4,6-Trichlorophenol
Concen: 54.266 ng
RT: 12.915 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:196 Resp: 98174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.9 | 85.6 | 128.4 |
| 200 | 31.5 | 24.6 | 37.0 |

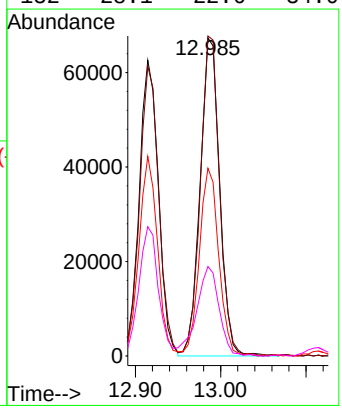


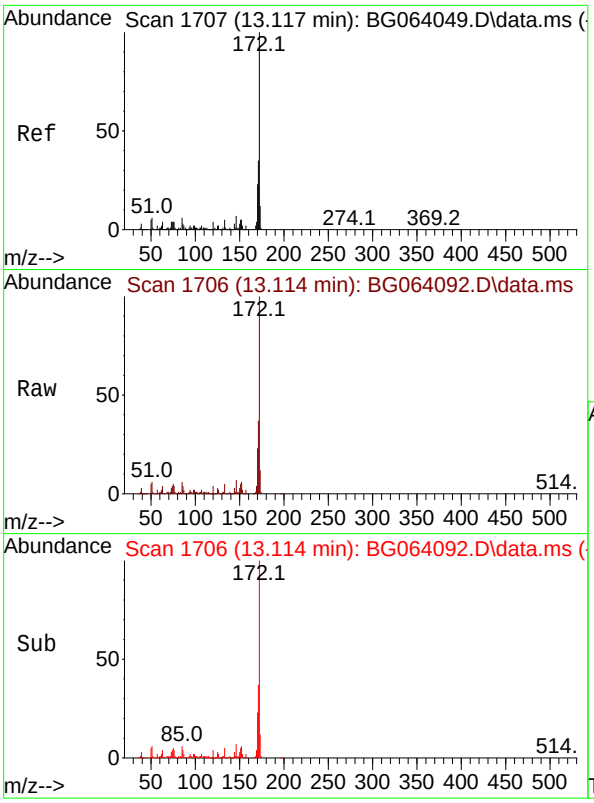




#44
2,4,5-Trichlorophenol
Concen: 53.400 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:196 Resp: 107343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.6 | 79.5 | 119.3 |
| 97 | 59.0 | 45.2 | 67.8 |
| 132 | 28.1 | 22.6 | 34.0 |



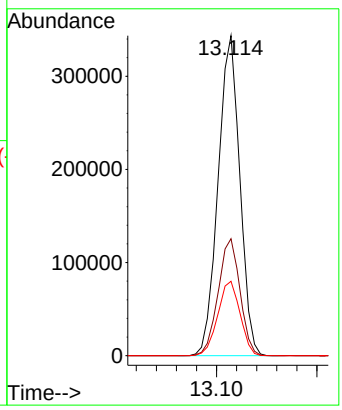


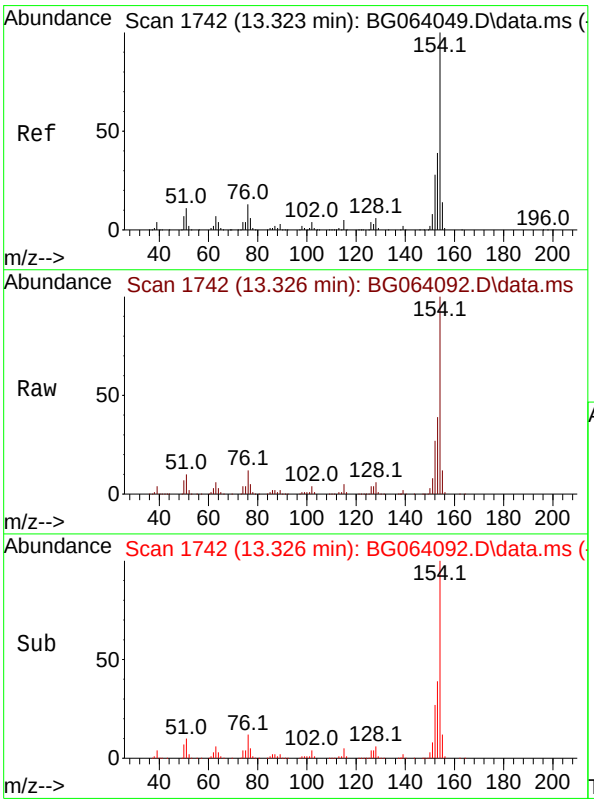

#45
2-Fluorobiphenyl
Concen: 72.752 ng
RT: 13.114 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:172 Resp: 515336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 28.0 | 42.0 |
| 170 | 23.2 | 18.7 | 28.1 |

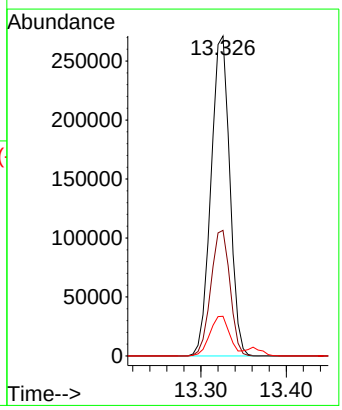


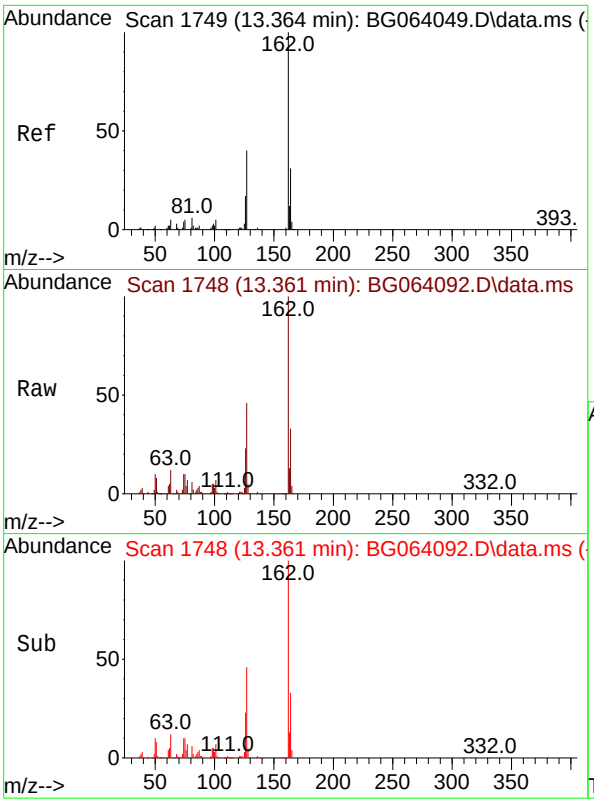




#46
1,1'-Biphenyl
Concen: 51.030 ng
RT: 13.326 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:154 Resp: 414526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.2 | 19.5 | 59.5 |
| 76 | 12.4 | 0.0 | 33.5 |



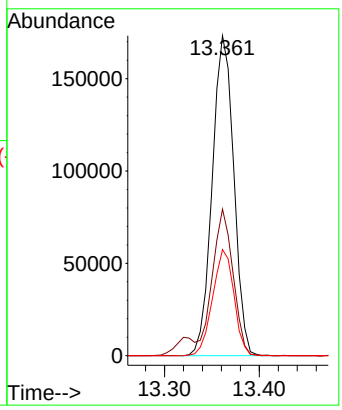


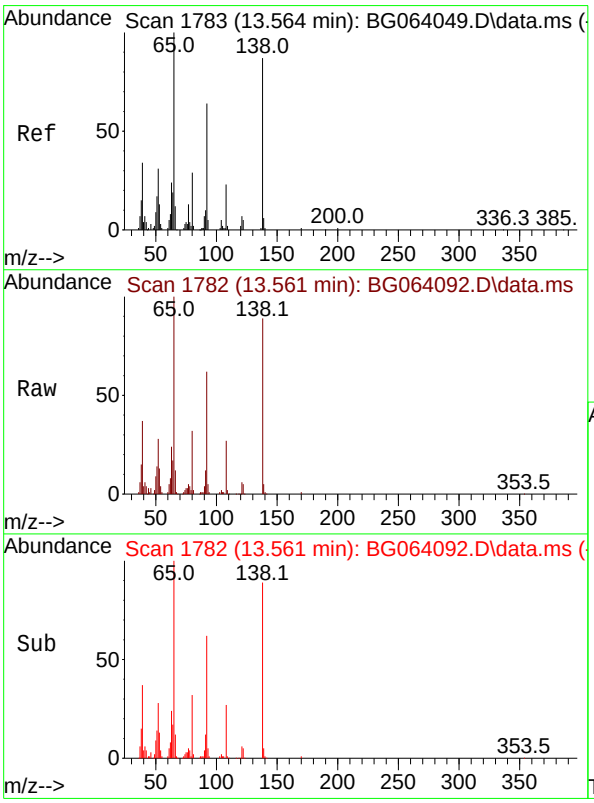

#47
2-Chloronaphthalene
Concen: 46.260 ng
RT: 13.361 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:162 Resp: 274065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 45.8 | 35.0 | 52.4 |
| 164 | 33.2 | 25.0 | 37.6 |

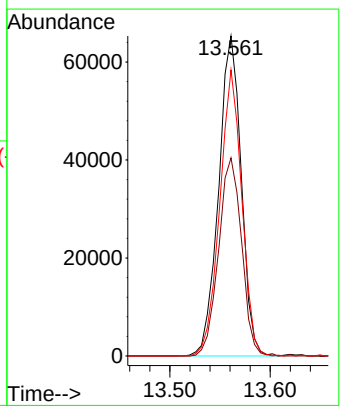


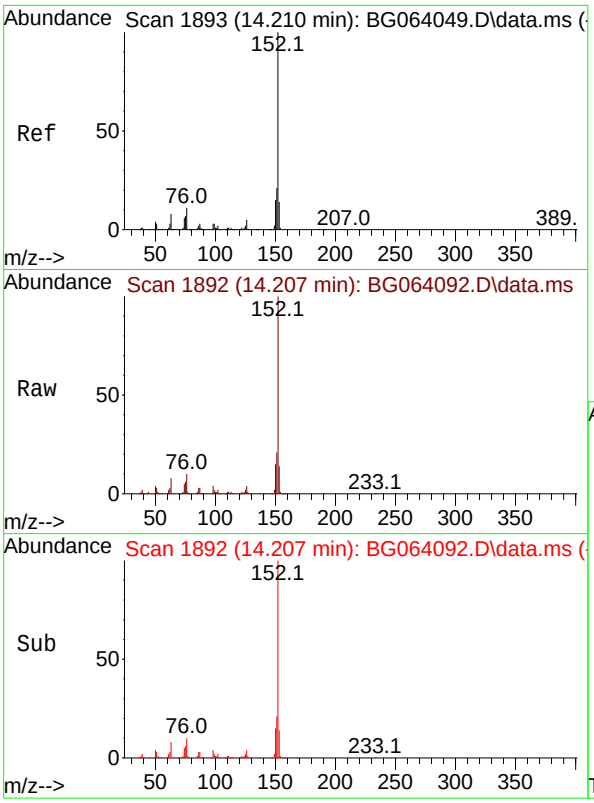




#48
2-Nitroaniline
Concen: 51.158 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 65 Resp: 102004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 61.9 | 51.2 | 76.8 |
| 138 | 89.4 | 69.4 | 104.2 |



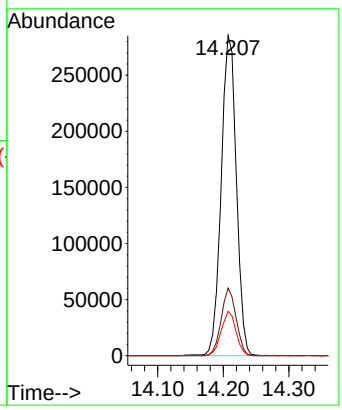


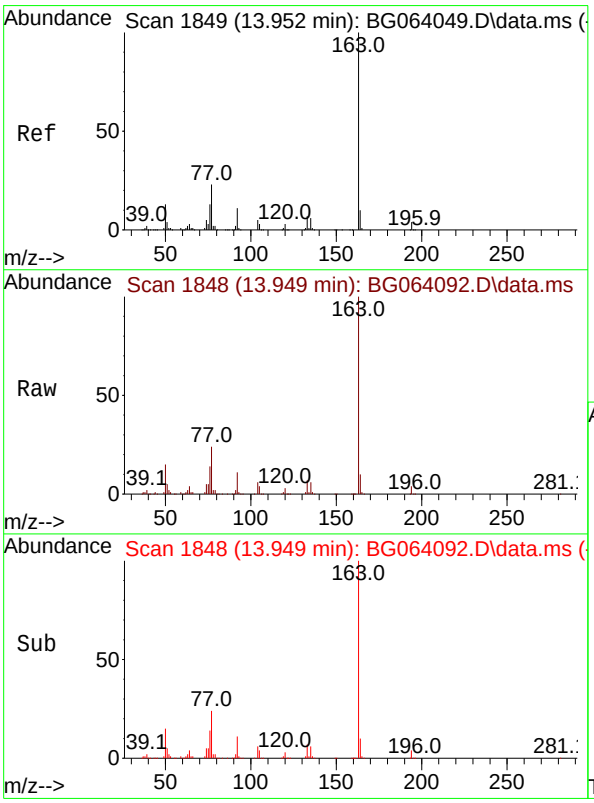

#49
Acenaphthylene
Concen: 48.661 ng
RT: 14.207 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:152 Resp: 455993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.2 | 16.4 | 24.6 |
| 153 | 13.8 | 10.9 | 16.3 |

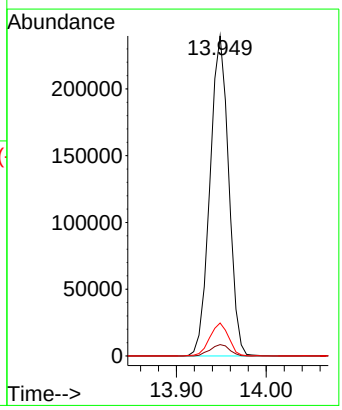


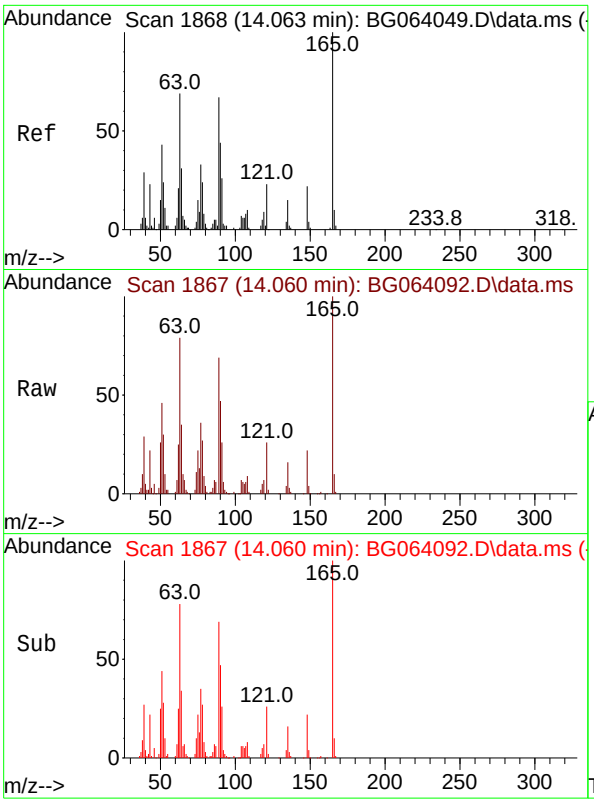




#50
Dimethylphthalate
Concen: 43.716 ng
RT: 13.949 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:163 Resp: 346968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 2.8 | 4.2 |
| 164 | 10.3 | 8.2 | 12.2 |



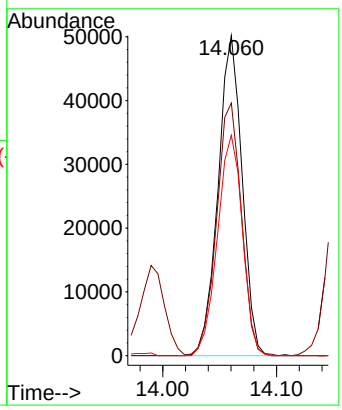


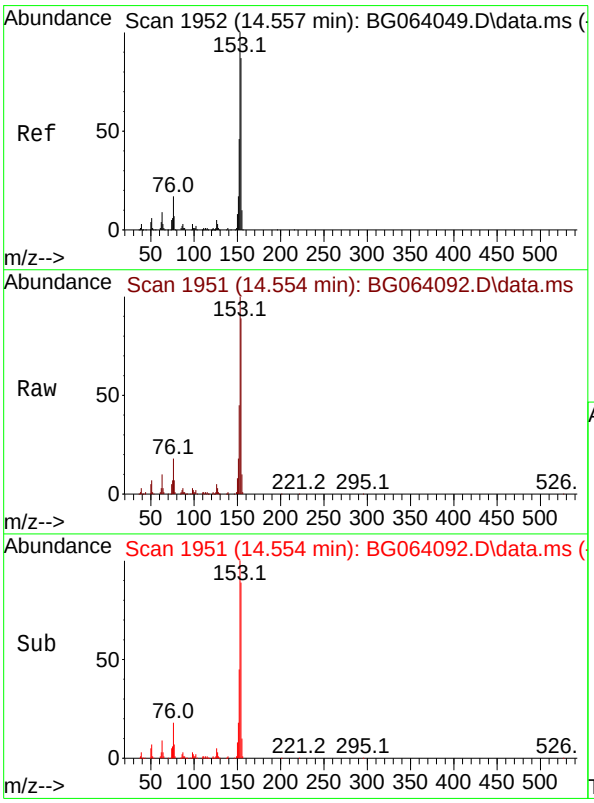

#51
2,6-Dinitrotoluene
Concen: 45.805 ng
RT: 14.060 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:165 Resp: 73488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 79.0 | 56.7 | 85.1 |
| 89 | 68.9 | 53.7 | 80.5 |

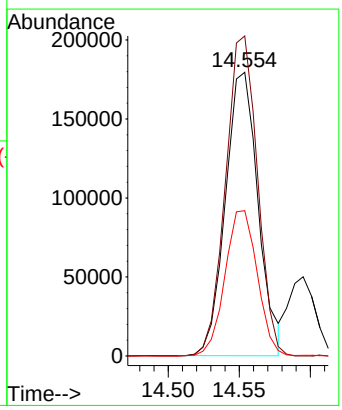


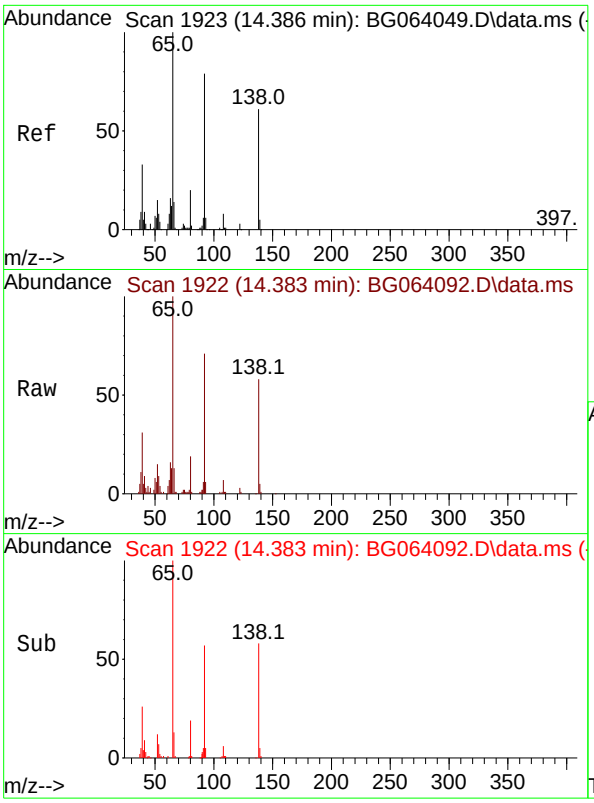




#52
Acenaphthene
Concen: 45.803 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:154 Resp: 288048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.8 | 91.6 | 137.4 |
| 152 | 51.2 | 42.5 | 63.7 |



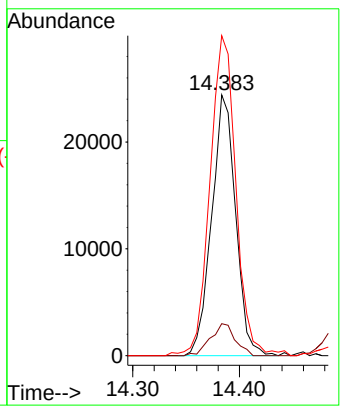


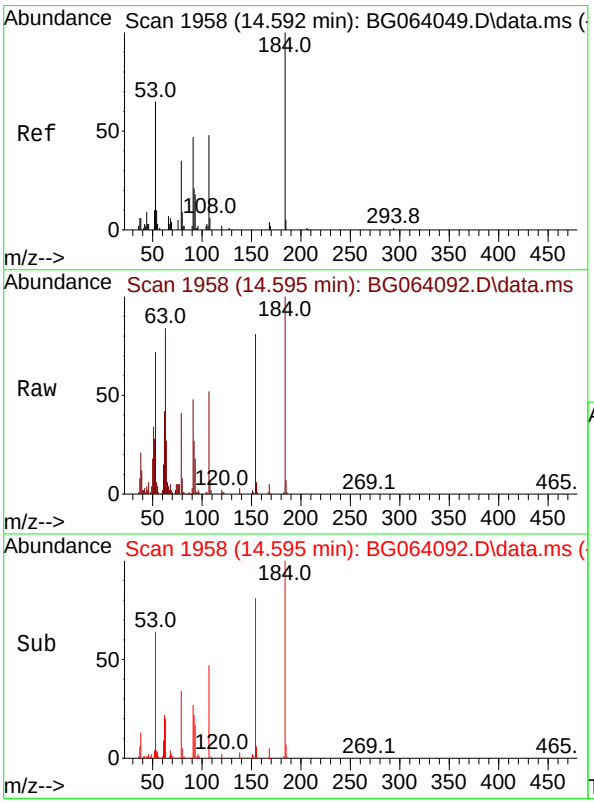

#53
3-Nitroaniline
Concen: 24.804 ng
RT: 14.383 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:138 Resp: 38048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.2 | 10.1 | 15.1 |
| 92 | 122.7 | 104.1 | 156.1 |

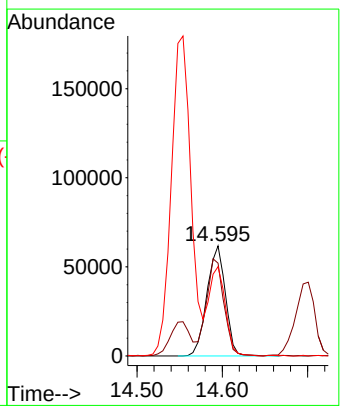


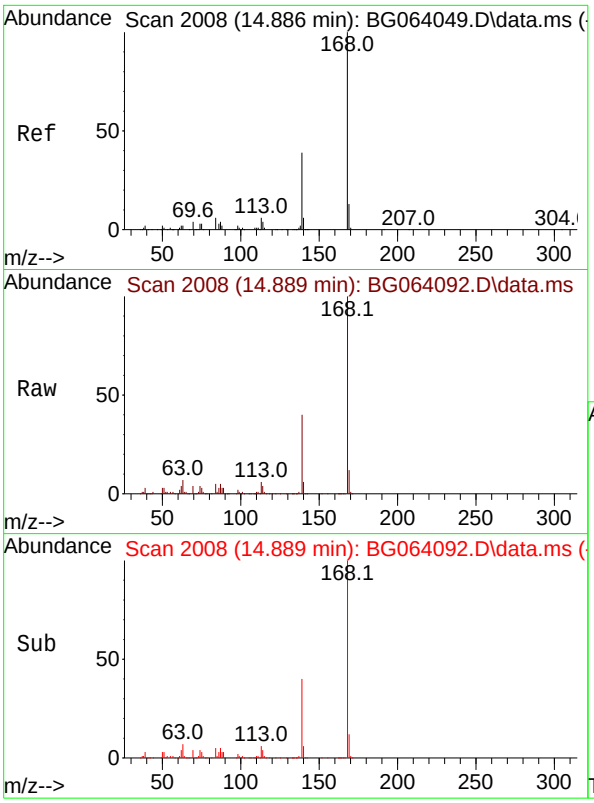




#54
2,4-Dinitrophenol
Concen: 132.308 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:184 Resp: 92660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 84.3 | 57.5 | 86.3 |
| 154 | 81.2 | 52.3 | 78.5# |



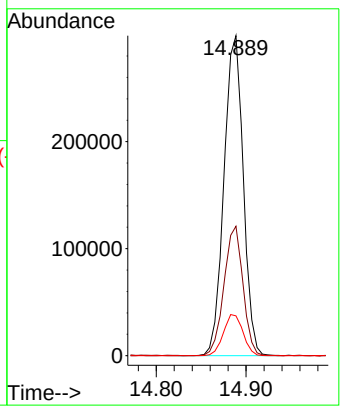


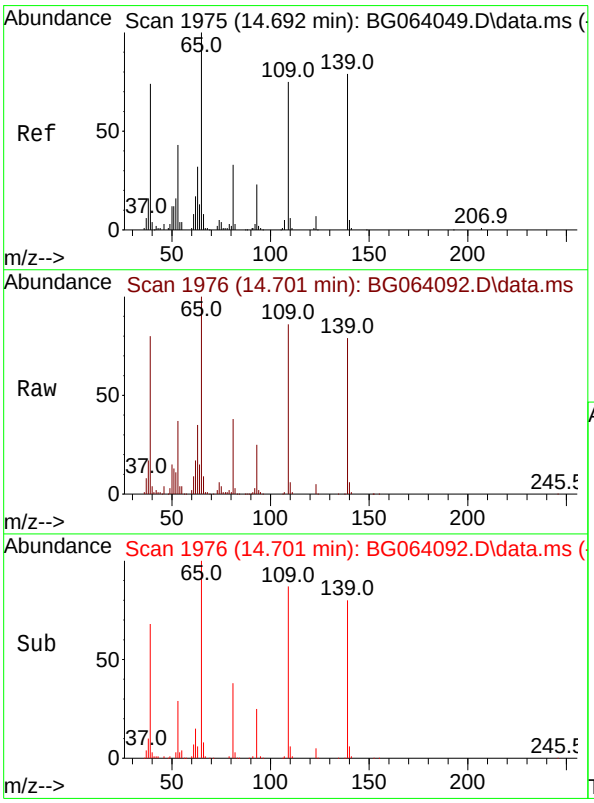

#55
Dibenzofuran
Concen: 43.753 ng
RT: 14.889 min Scan# 2(
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:168 Resp: 445755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.5 | 31.1 | 46.7 |
| 169 | 12.5 | 10.5 | 15.7 |

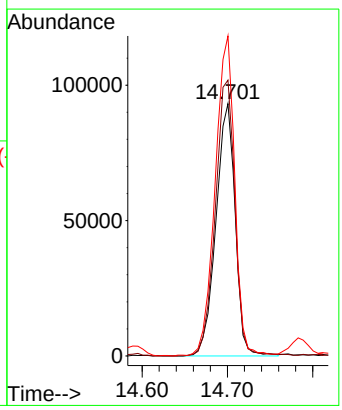


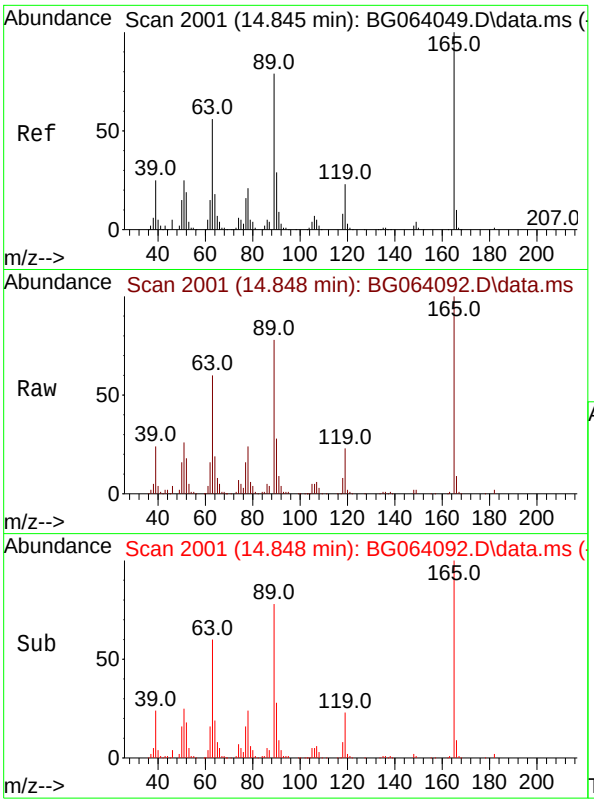




#56
4-Nitrophenol
Concen: 114.038 ng
RT: 14.701 min Scan# 1976
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:139 Resp: 146708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 109.3 | 74.9 | 114.9 |
| 65 | 126.8 | 106.8 | 146.8 |



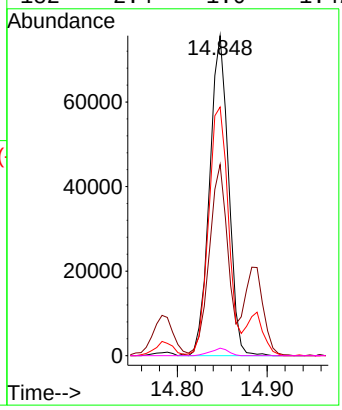


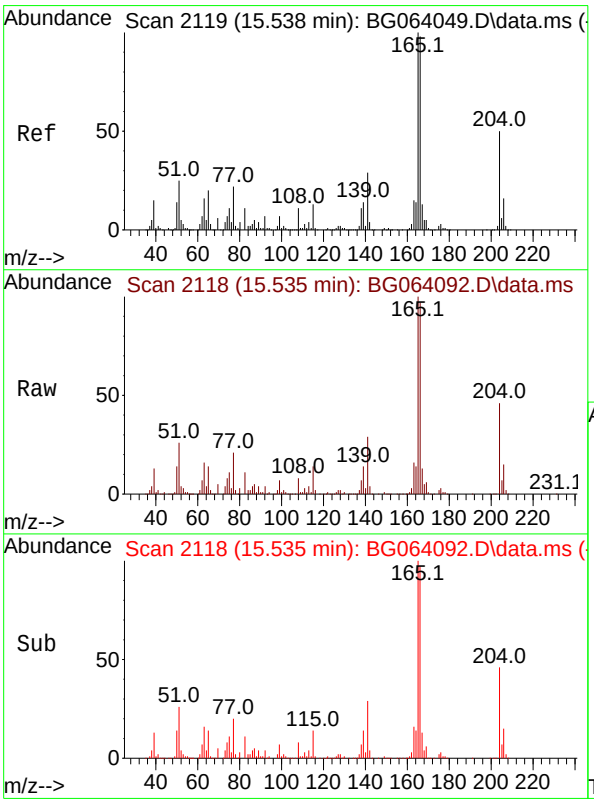

#57
2,4-Dinitrotoluene
Concen: 49.726 ng
RT: 14.848 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:165 Resp: 110792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.8 | 45.0 | 67.6 |
| 89 | 77.7 | 63.1 | 94.7 |
| 182 | 2.4 | 1.0 | 1.4# |

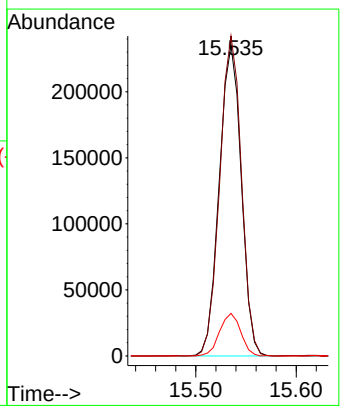


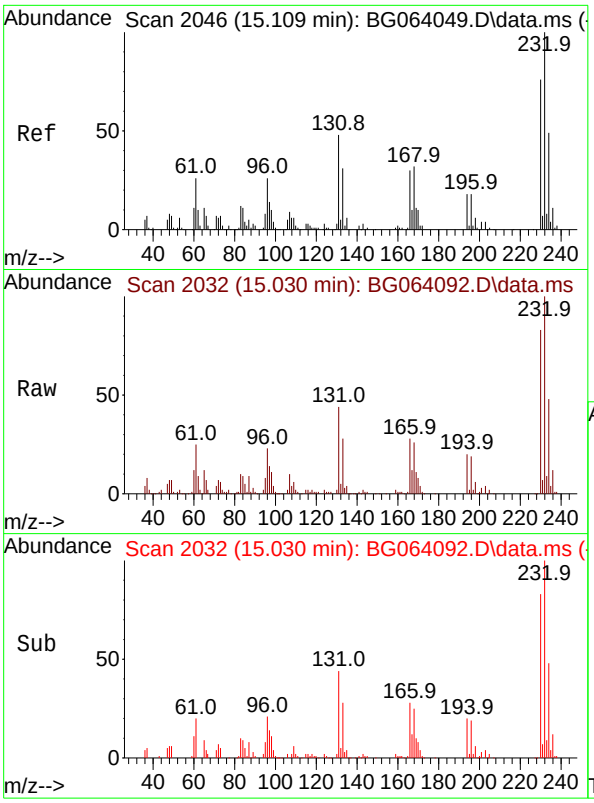




#58
Fluorene
Concen: 45.074 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:166 Resp: 357656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 103.0 | 81.8 | 122.8 |
| 167 | 13.7 | 10.8 | 16.2 |



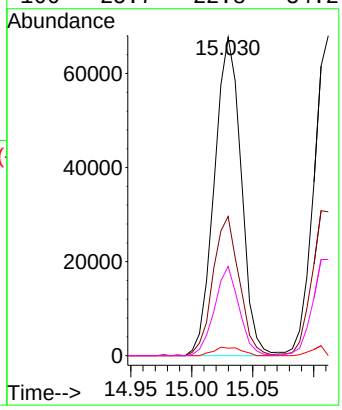


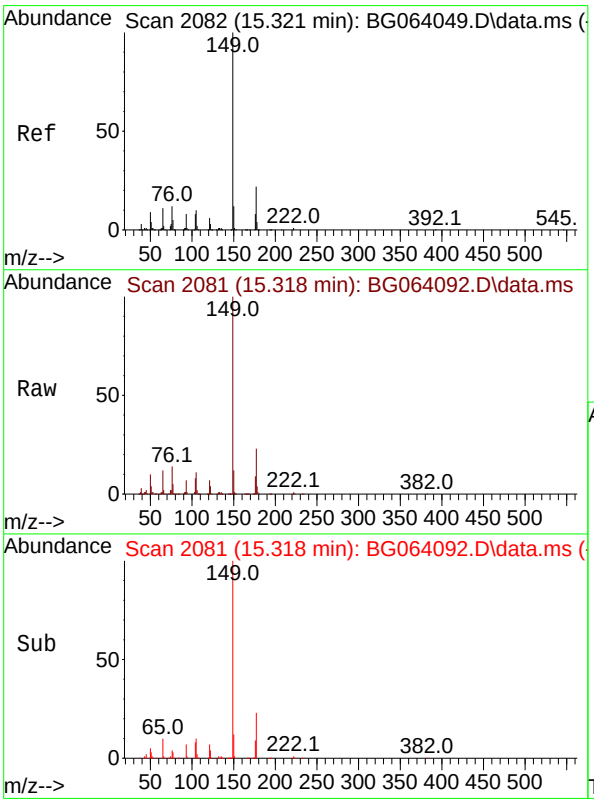

#59
2,3,4,6-Tetrachlorophenol
Concen: 52.918 ng
RT: 15.030 min Scan# 2
Delta R.T. -0.079 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:232 Resp: 103703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 36.3 | 54.5 |
| 130 | 2.8 | 1.9 | 2.9 |
| 166 | 25.7 | 22.8 | 34.2 |

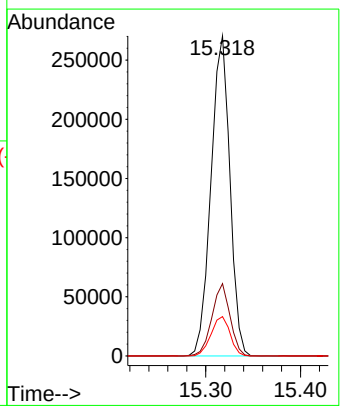


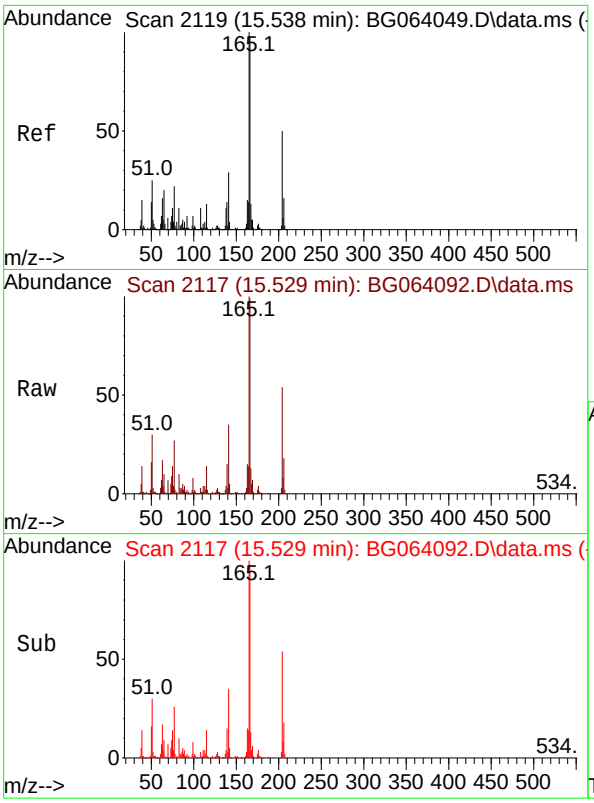




#60
Diethylphthalate
Concen: 43.365 ng
RT: 15.318 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:149 Resp: 373637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 17.4 | 26.2 |
| 150 | 12.3 | 9.4 | 14.2 |



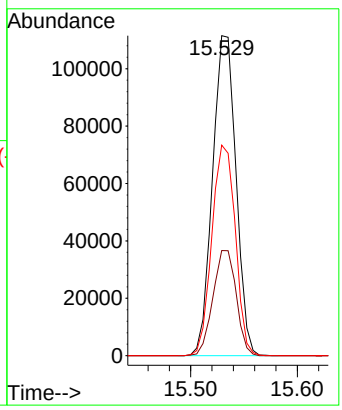


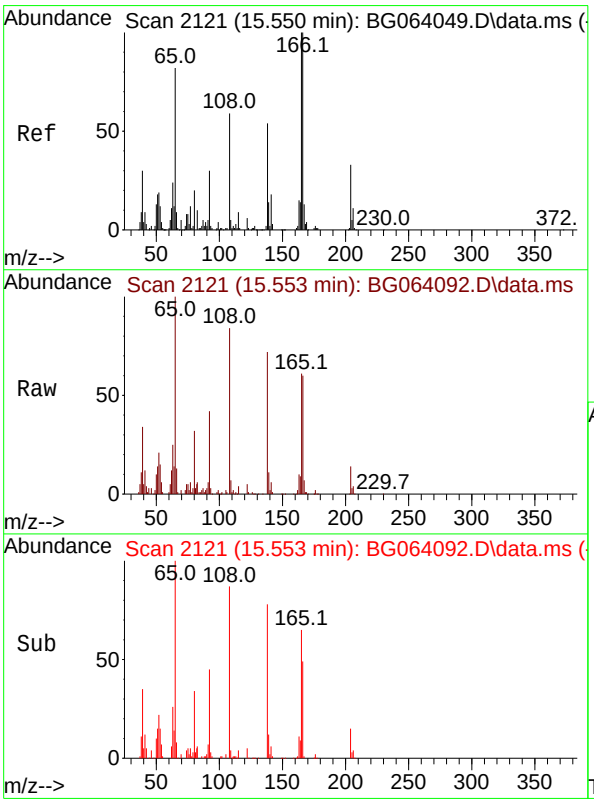

#61
4-Chlorophenyl-phenylether
Concen: 43.184 ng
RT: 15.529 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:204 Resp: 170283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 25.5 | 38.3 |
| 141 | 65.8 | 45.4 | 68.0 |

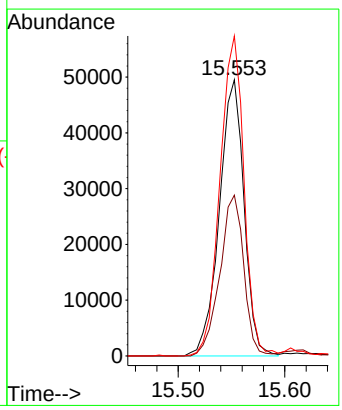


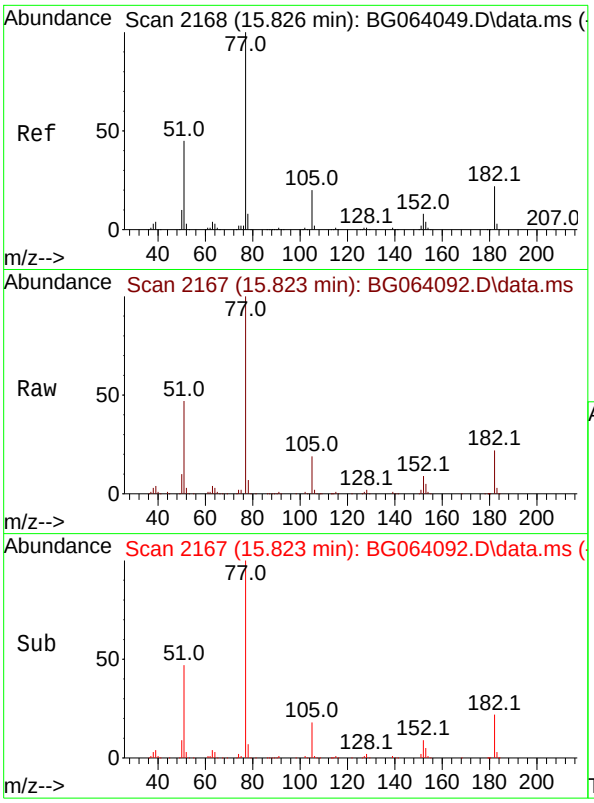




#62
4-Nitroaniline
Concen: 48.169 ng
RT: 15.553 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:138 Resp: 79774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 58.2 | 36.1 | 76.1 |
| 108 | 115.9 | 87.9 | 127.9 |



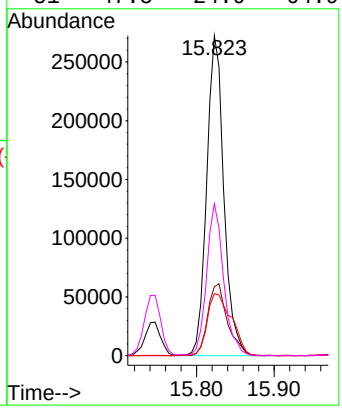


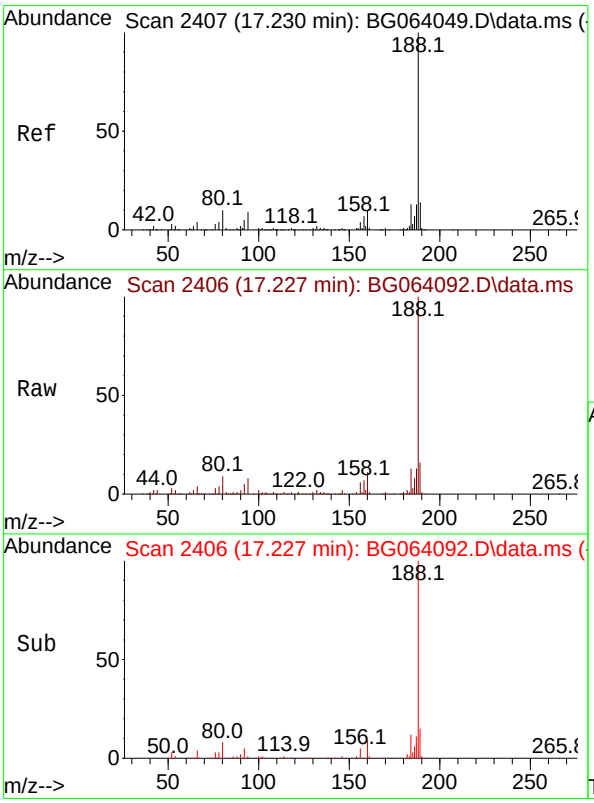

#63
Azobenzene
Concen: 45.535 ng
RT: 15.823 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion: 77 Resp: 418658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 21.5 | 2.4 | 42.4 |
| 105 | 19.4 | 0.0 | 40.0 |
| 51 | 47.5 | 24.9 | 64.9 |

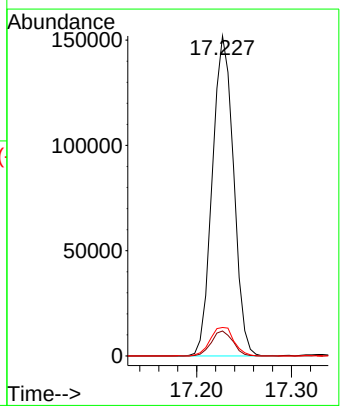


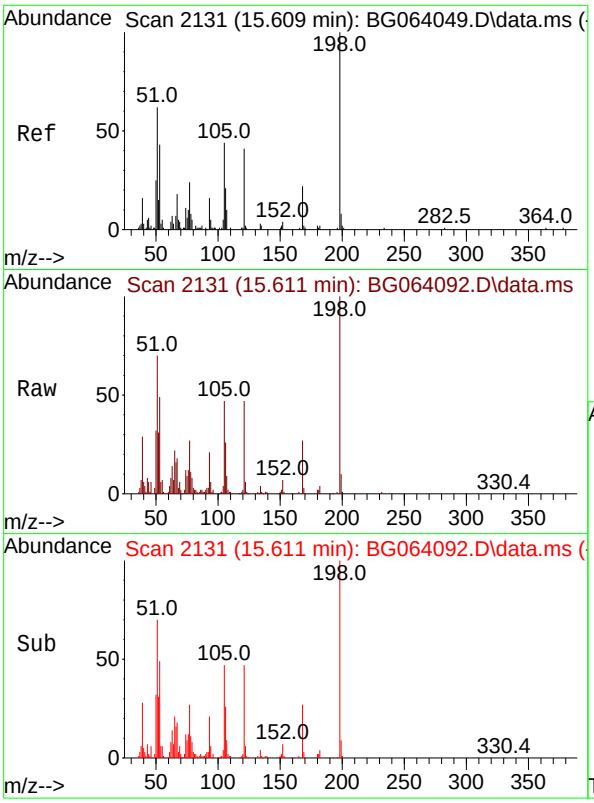




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:188 Resp: 237040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 6.9 | 10.3 |
| 80 | 8.9 | 8.1 | 12.1 |



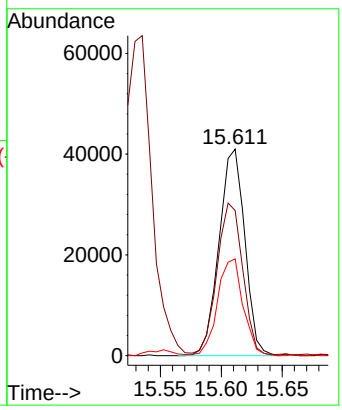


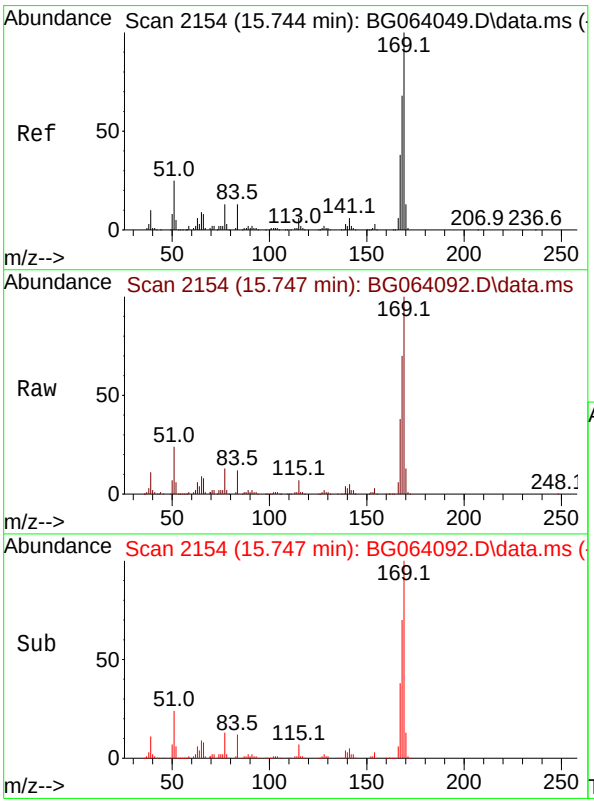

#65
4,6-Dinitro-2-methylphenol
Concen: 57.074 ng
RT: 15.611 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:198 Resp: 60354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 70.3 | 45.6 | 85.6 |
| 105 | 46.9 | 25.3 | 65.3 |

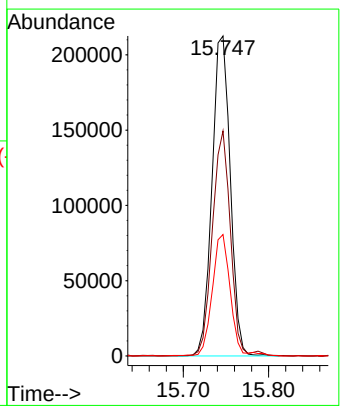


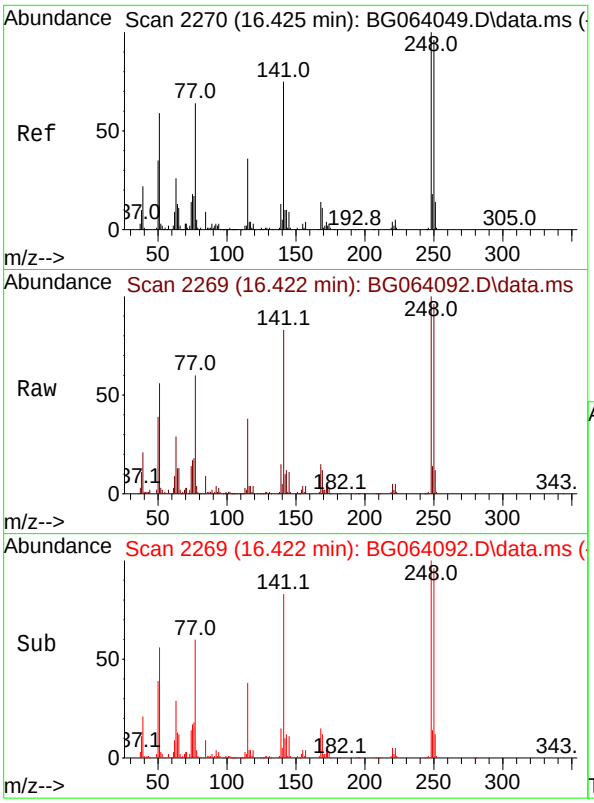




#66
n-Nitrosodiphenylamine
Concen: 47.268 ng
RT: 15.747 min Scan# 2154
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:169 Resp: 317154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.3 | 54.1 | 81.1 |
| 167 | 38.0 | 30.3 | 45.5 |



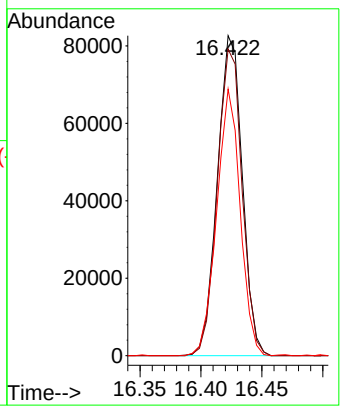


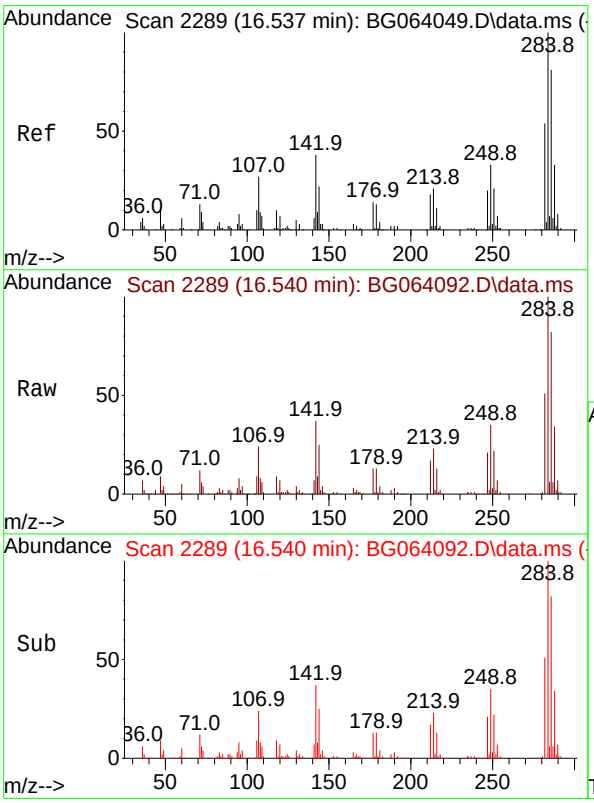

#67
4-Bromophenyl-phenylether
Concen: 48.460 ng
RT: 16.422 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:248 Resp: 117648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.8 | 77.1 | 115.7 |
| 141 | 83.3 | 59.8 | 89.8 |

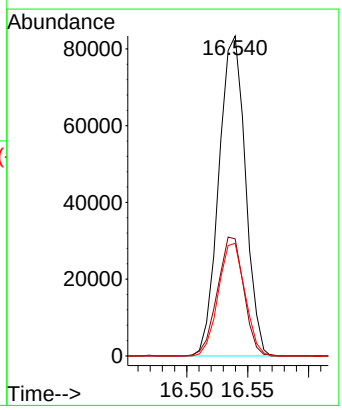


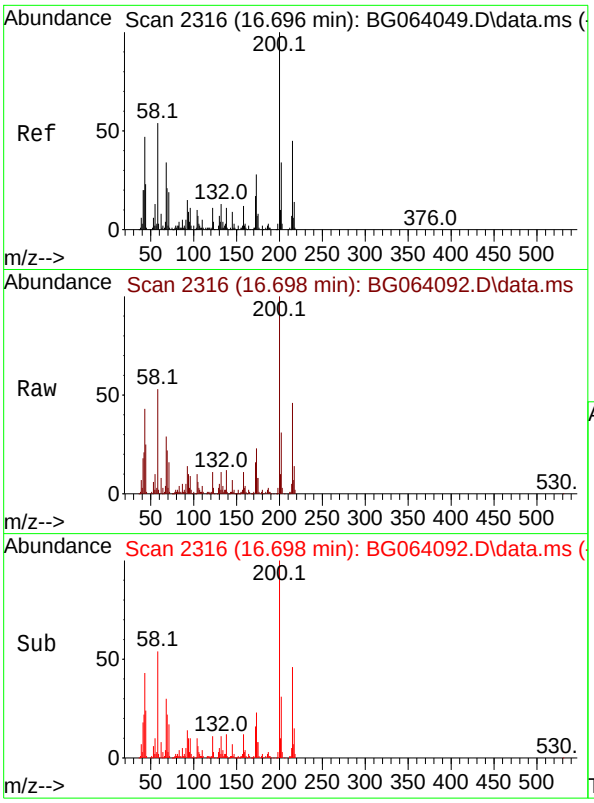




#68
Hexachlorobenzene
Concen: 46.475 ng
RT: 16.540 min Scan# 2289
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:284 Resp: 126317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.6 | 30.6 | 45.8 |
| 249 | 35.2 | 26.6 | 39.8 |



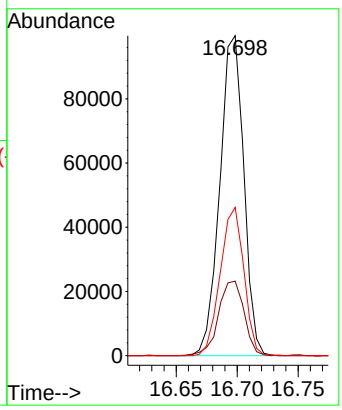


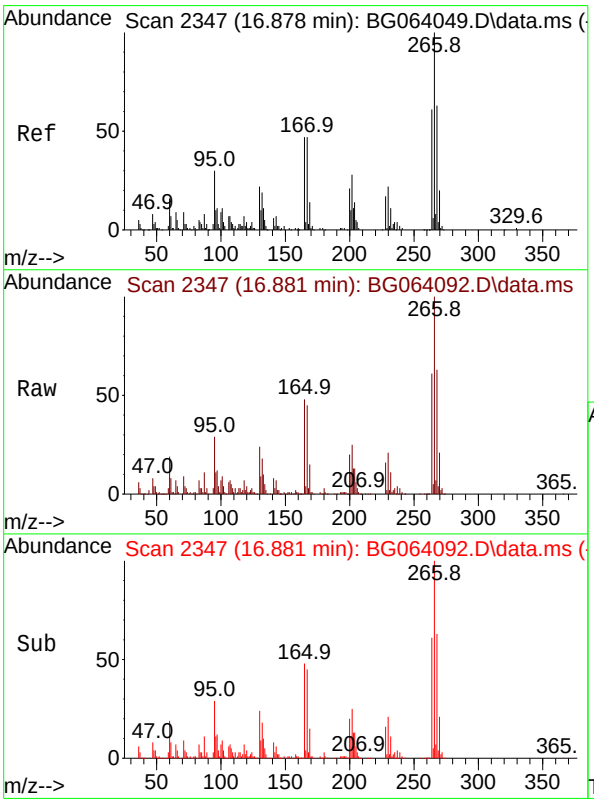

#69
Atrazine
Concen: 69.153 ng
RT: 16.698 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:200 Resp: 136521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.3 | 8.2 | 48.2 |
| 215 | 46.3 | 25.5 | 65.5 |

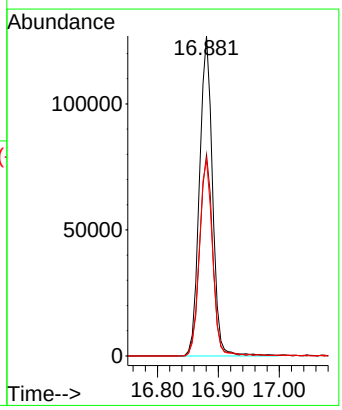


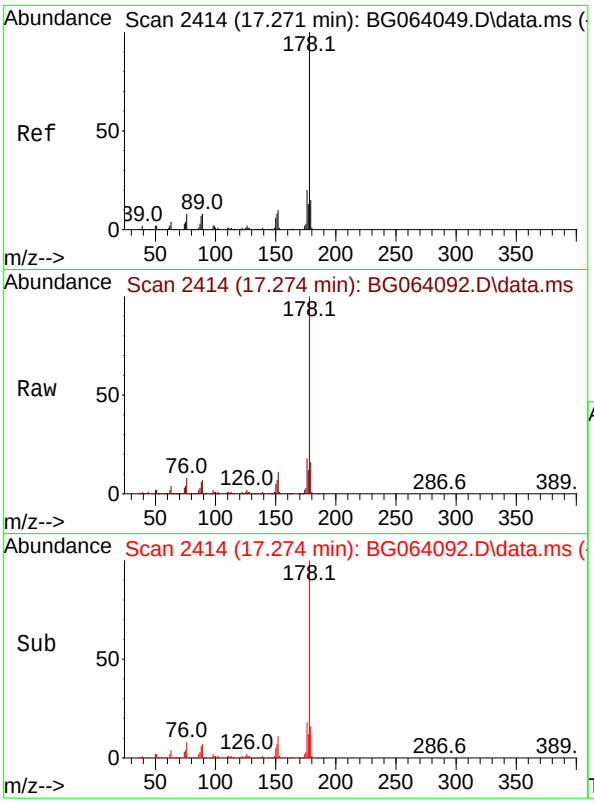




#70
Pentachlorophenol
Concen: 111.368 ng
RT: 16.881 min Scan# 2347
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:266 Resp: 187939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.0 | 50.2 | 75.4 |
| 264 | 61.3 | 48.9 | 73.3 |



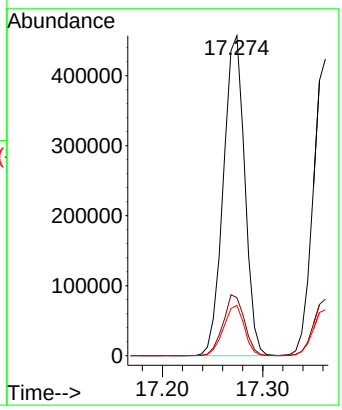


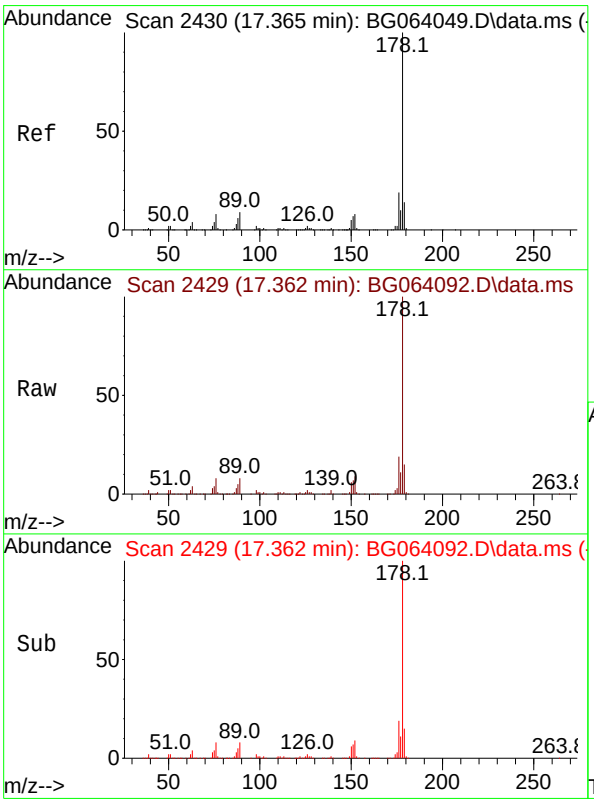

#71
Phenanthrene
Concen: 53.408 ng
RT: 17.274 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:178 Resp: 675251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 15.9 | 23.9 |
| 179 | 15.7 | 12.2 | 18.2 |

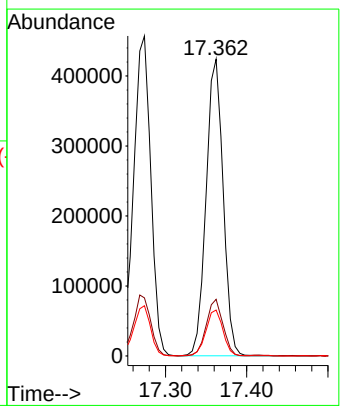


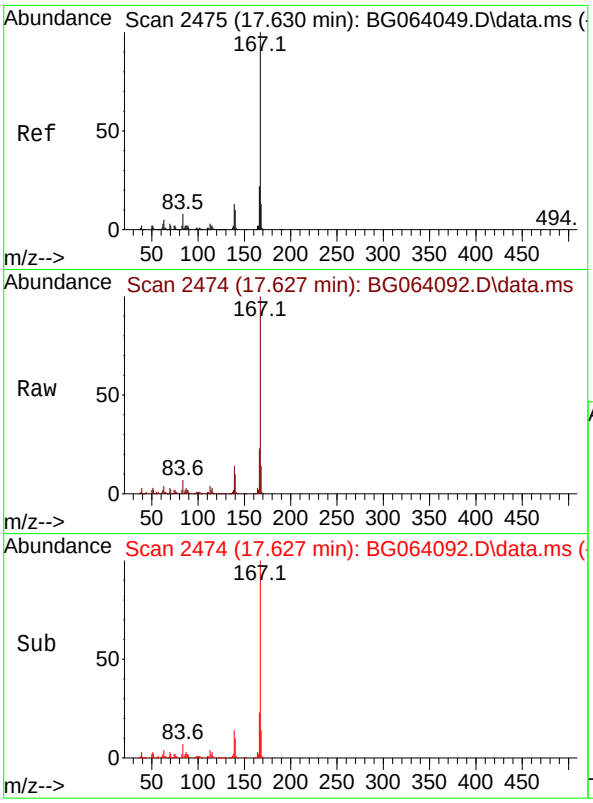




#72
Anthracene
Concen: 48.999 ng
RT: 17.362 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:178 Resp: 616012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 14.8 | 22.2 |
| 179 | 15.5 | 11.5 | 17.3 |



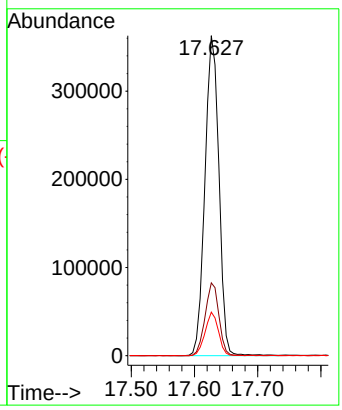


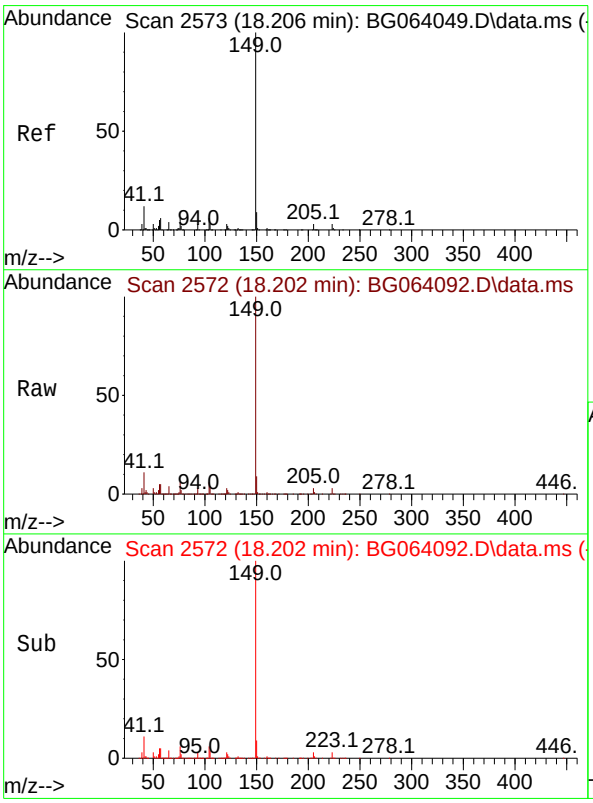

#73
Carbazole
Concen: 47.456 ng
RT: 17.627 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:167 Resp: 557030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.7 | 18.0 | 27.0 |
| 139 | 13.6 | 10.6 | 15.8 |

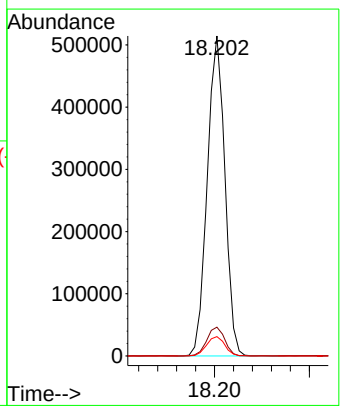


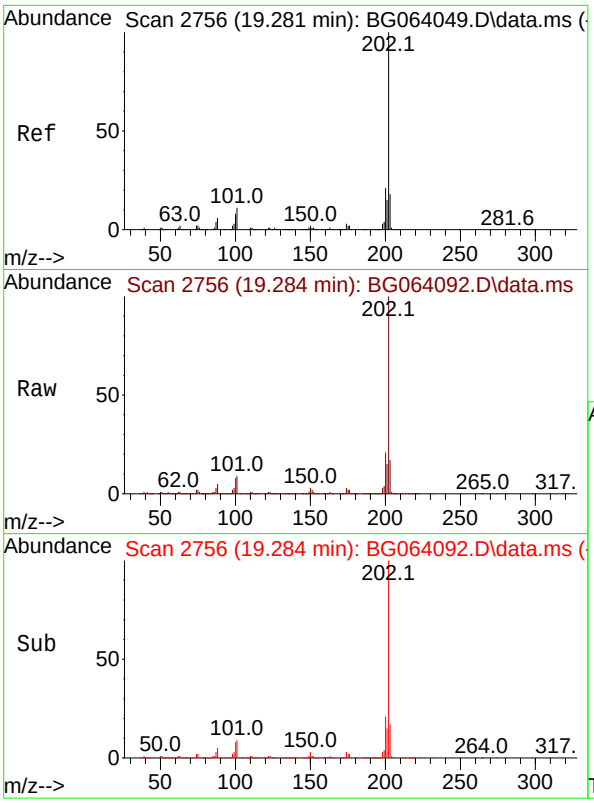




#74
Di-n-butylphthalate
Concen: 47.938 ng
RT: 18.202 min Scan# 2572
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:149 Resp: 662348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.4 | 11.0 |
| 104 | 6.0 | 5.0 | 7.6 |



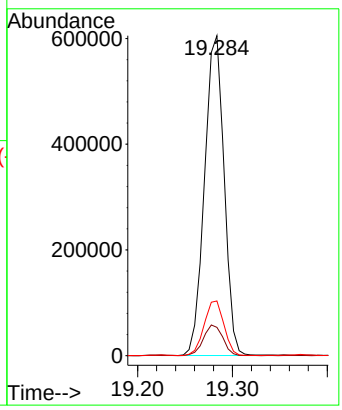


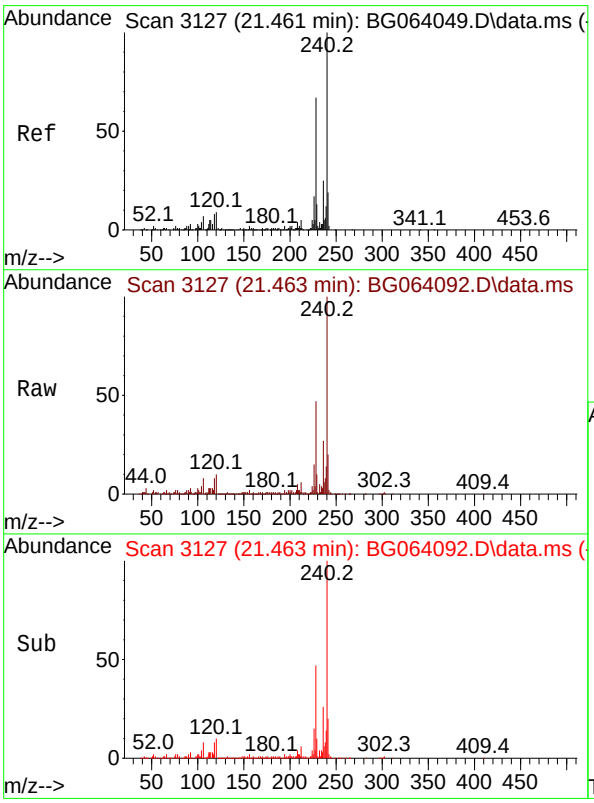

#75
Fluoranthene
Concen: 56.878 ng
RT: 19.284 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:202 Resp: 866951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.9 | 0.0 | 30.5 |
| 203 | 17.1 | 0.0 | 38.3 |

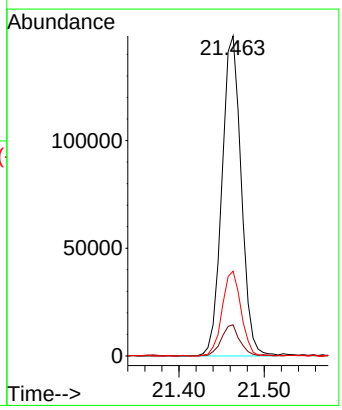


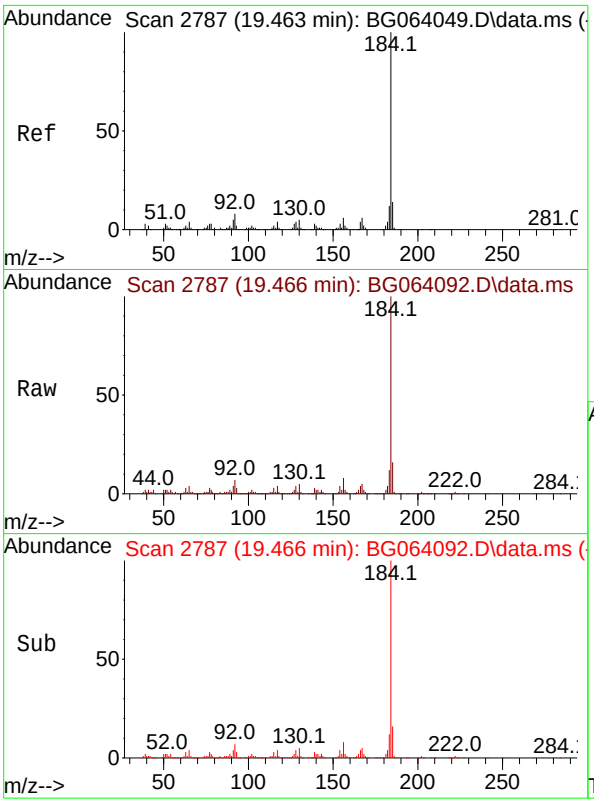




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:240 Resp: 233261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.8 | 7.2 | 10.8 |
| 236 | 26.5 | 20.2 | 30.2 |



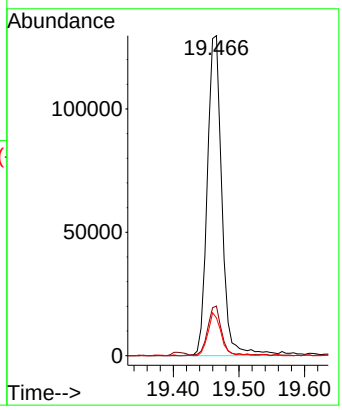


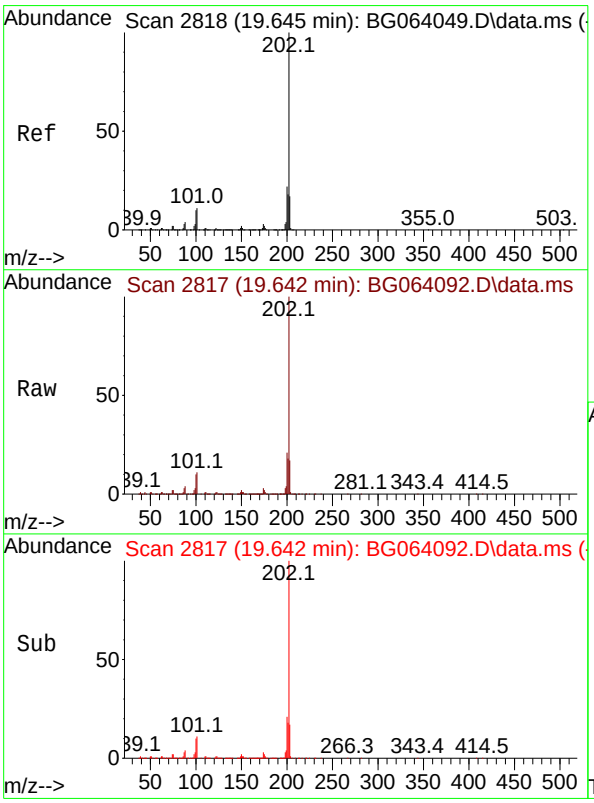

#77
Benzidine
Concen: 62.130 ng
RT: 19.466 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:184 Resp: 200679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.5 | 11.3 | 16.9 |
| 183 | 11.8 | 9.5 | 14.3 |

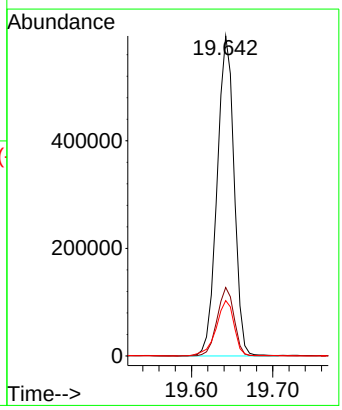


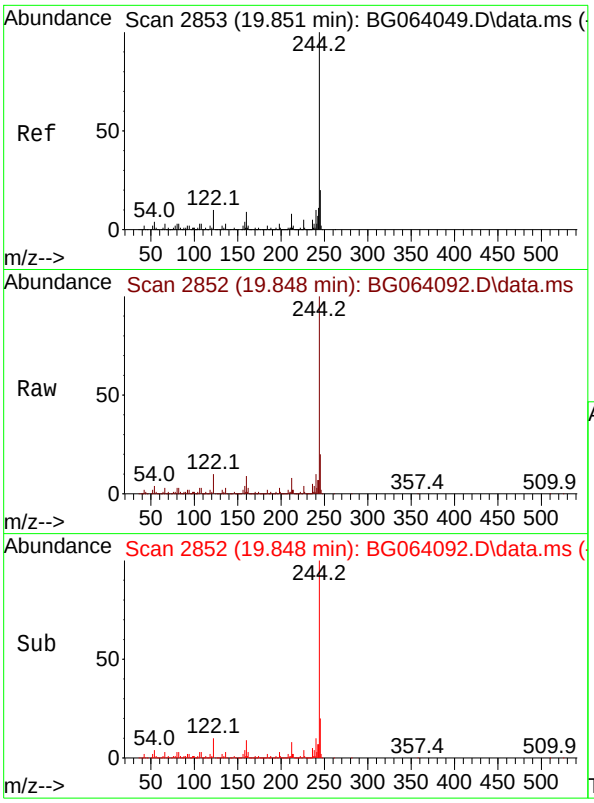




#78
Pyrene
Concen: 57.690 ng
RT: 19.642 min Scan# 2817
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:202 Resp: 867448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.3 | 25.9 |
| 203 | 17.3 | 13.6 | 20.4 |



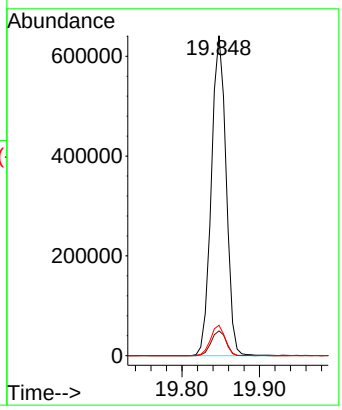


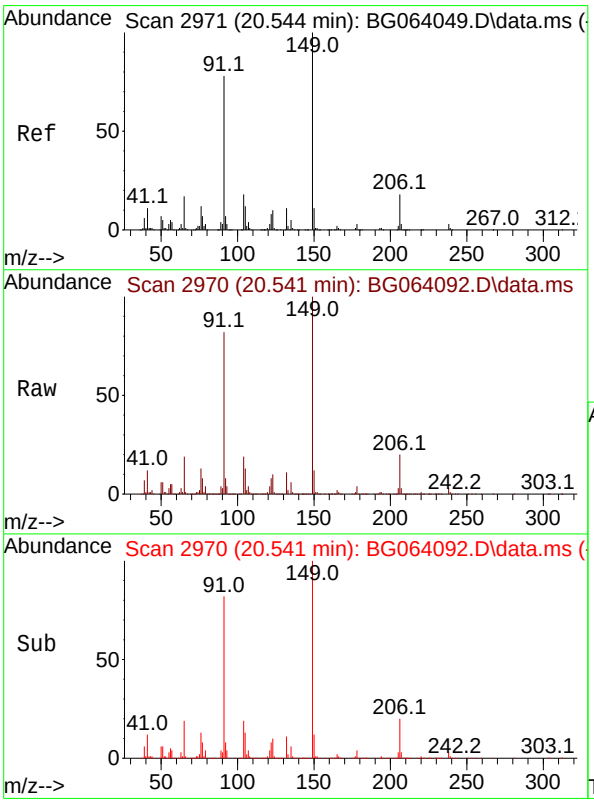

#79
Terphenyl-d14
Concen: 73.473 ng
RT: 19.848 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:244 Resp: 847600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.2 | 9.4 |
| 122 | 9.5 | 8.0 | 12.0 |

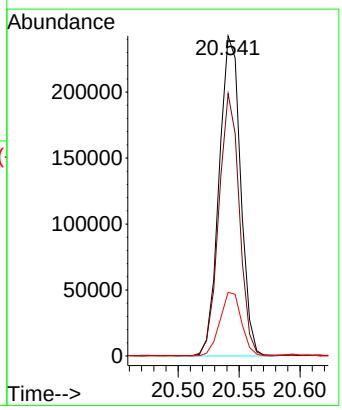


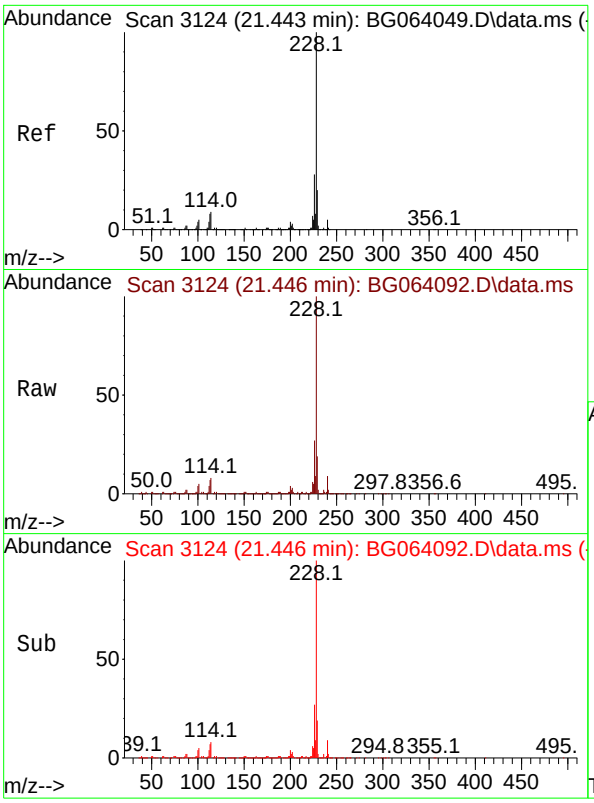




#80
Butylbenzylphthalate
Concen: 52.193 ng
RT: 20.541 min Scan# 2970
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:149 Resp: 296430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 82.0 | 62.0 | 93.0 |
| 206 | 19.9 | 14.6 | 21.8 |



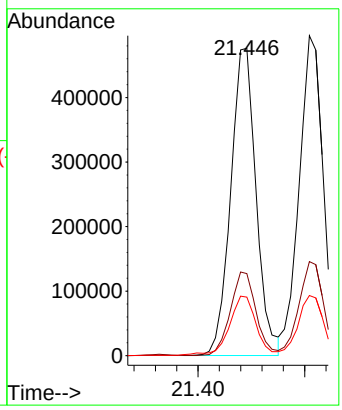


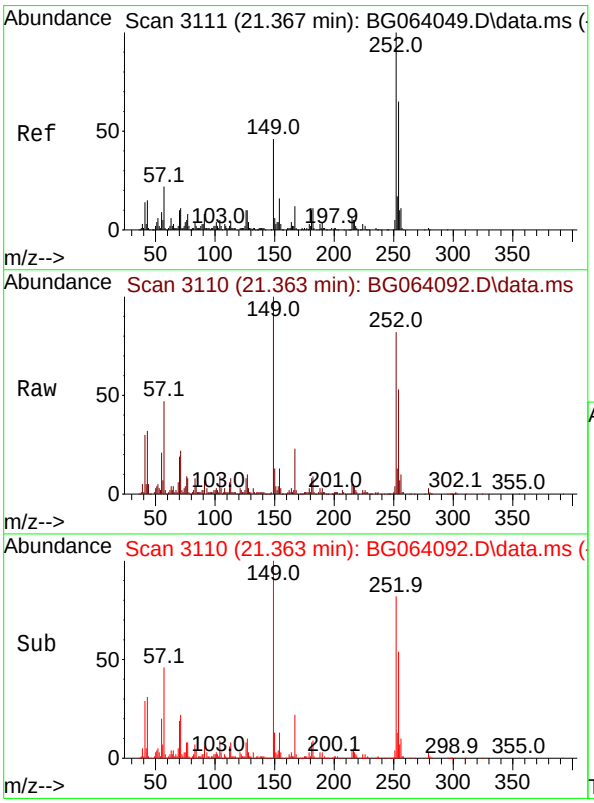

#81
Benzo(a)anthracene
Concen: 52.902 ng
RT: 21.446 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:228 Resp: 790467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 22.2 | 33.2 |
| 229 | 19.0 | 16.4 | 24.6 |

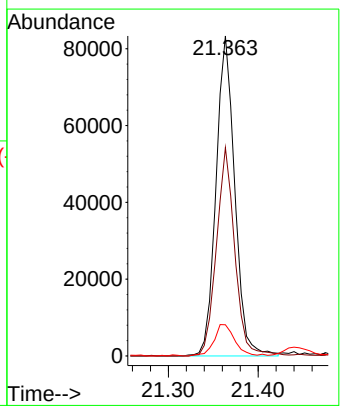


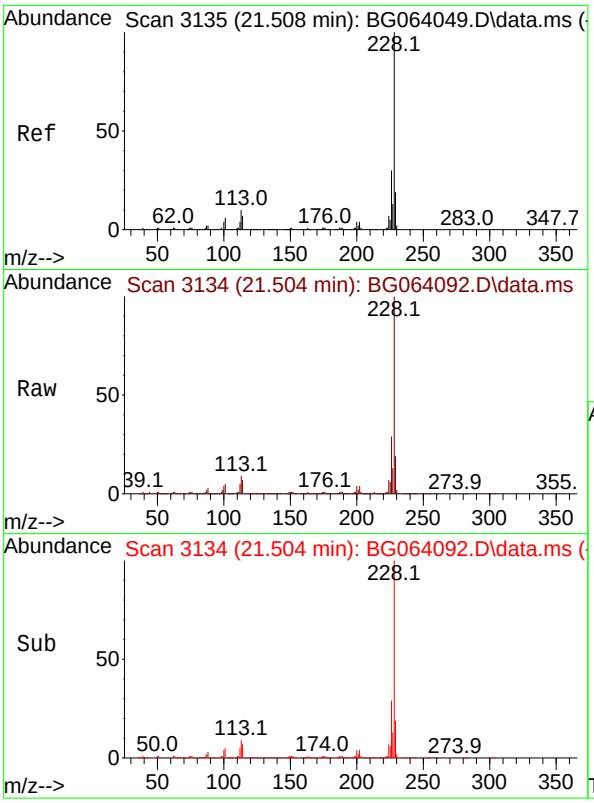




#82
3,3'-Dichlorobenzidine
Concen: 24.972 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:252 Resp: 120757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 52.1 | 78.1 |
| 126 | 9.8 | 7.8 | 11.8 |



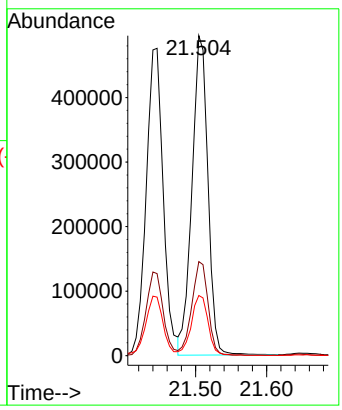


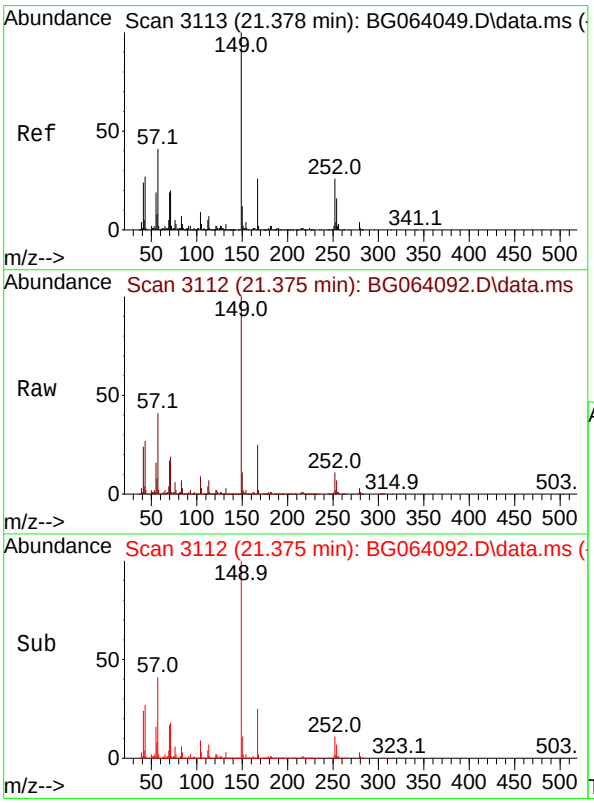

#83
Chrysene
Concen: 51.753 ng
RT: 21.504 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:228 Resp: 771266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.4 | 23.9 | 35.9 |
| 229 | 18.8 | 15.3 | 22.9 |

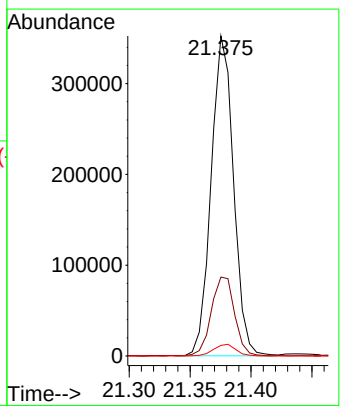


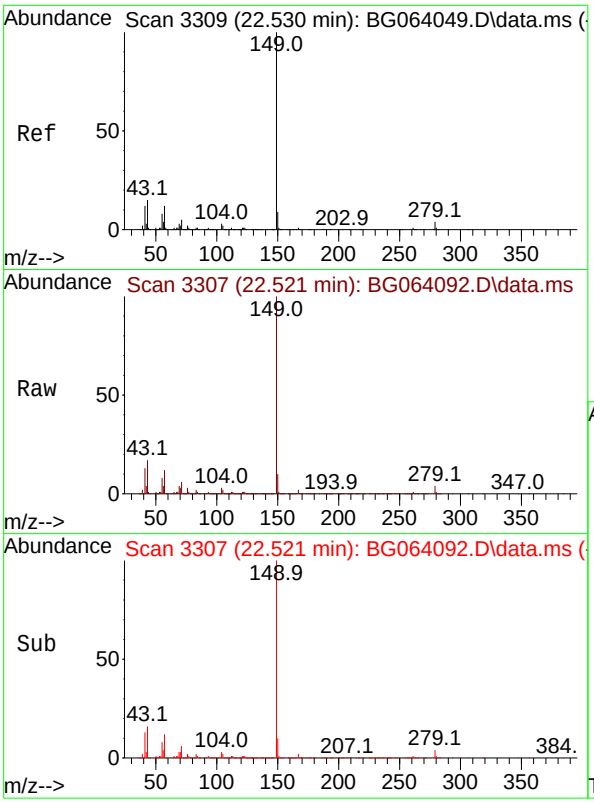




#84
Bis(2-ethylhexyl)phthalate
Concen: 55.741 ng
RT: 21.375 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:149 Resp: 450435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.6 | 21.0 | 31.6 |
| 279 | 3.3 | 2.8 | 4.2 |



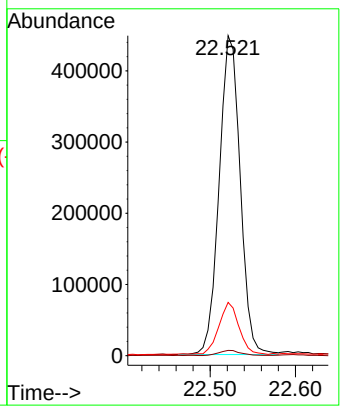


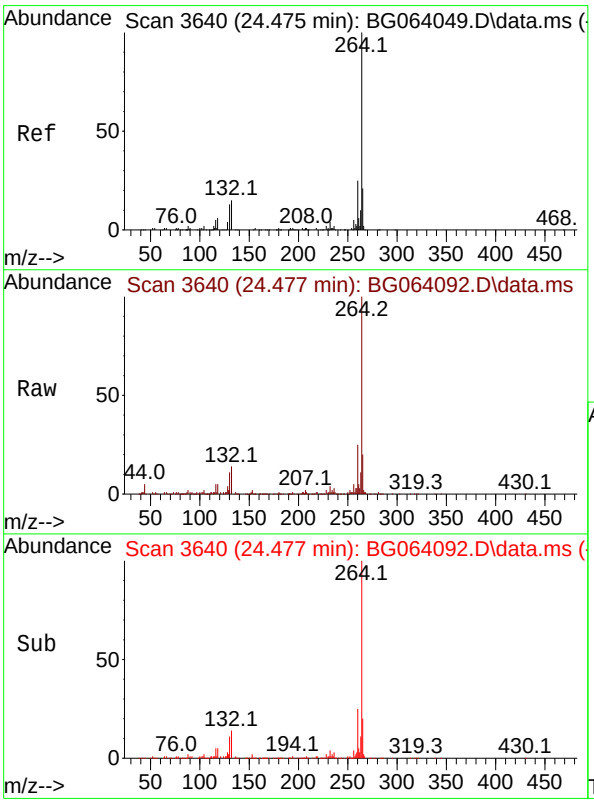

#85
Di-n-octyl phthalate
Concen: 55.036 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:149 Resp: 767109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 15.9 | 12.6 | 19.0 |

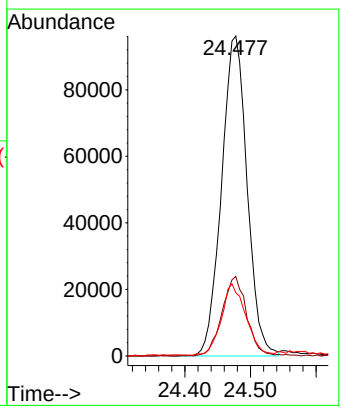


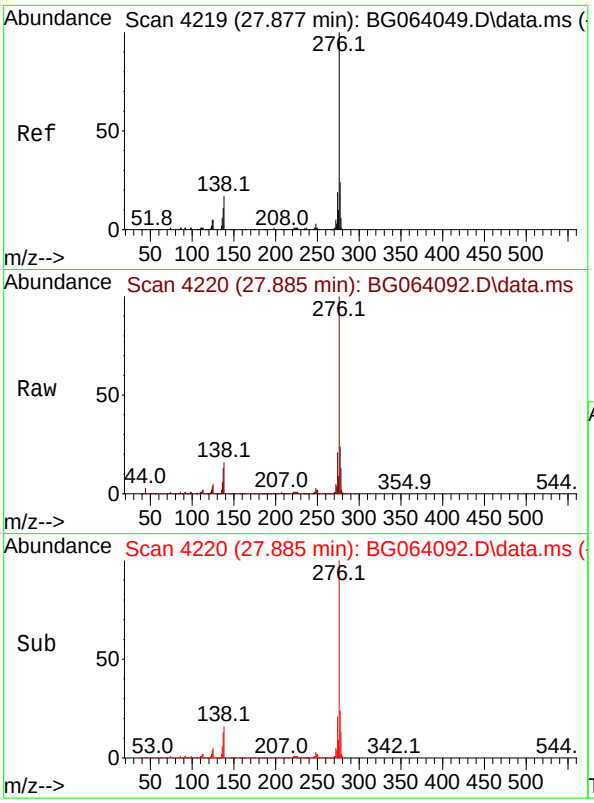




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3640
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:264 Resp: 259948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 19.6 | 29.4 |
| 265 | 19.8 | 16.6 | 25.0 |



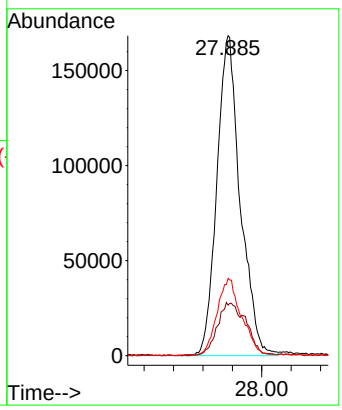


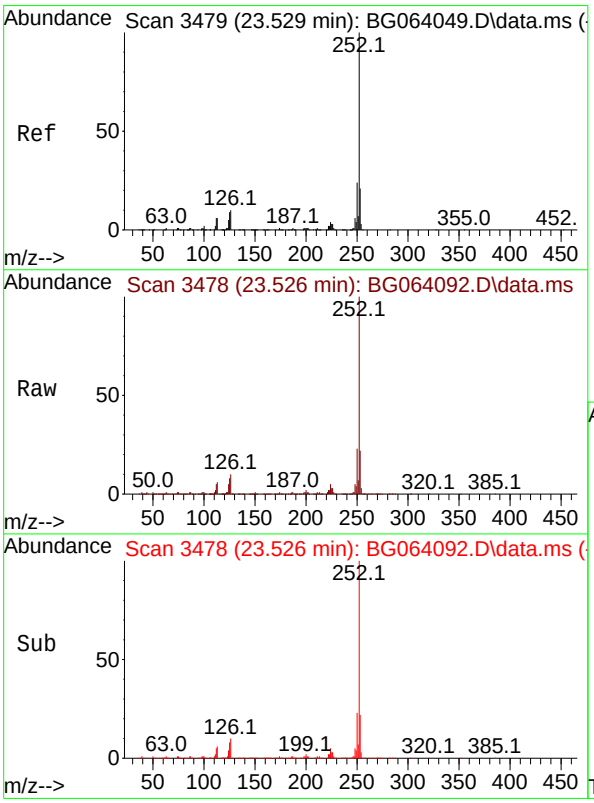

#87
Indeno(1,2,3-cd)pyrene
Concen: 53.481 ng
RT: 27.885 min Scan# 4
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:276 Resp: 930176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 14.7 | 12.1 | 18.1 |
| 277 | 24.8 | 20.0 | 30.0 |

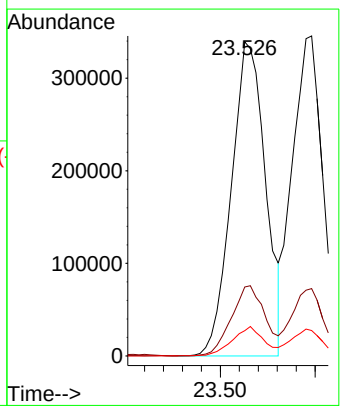


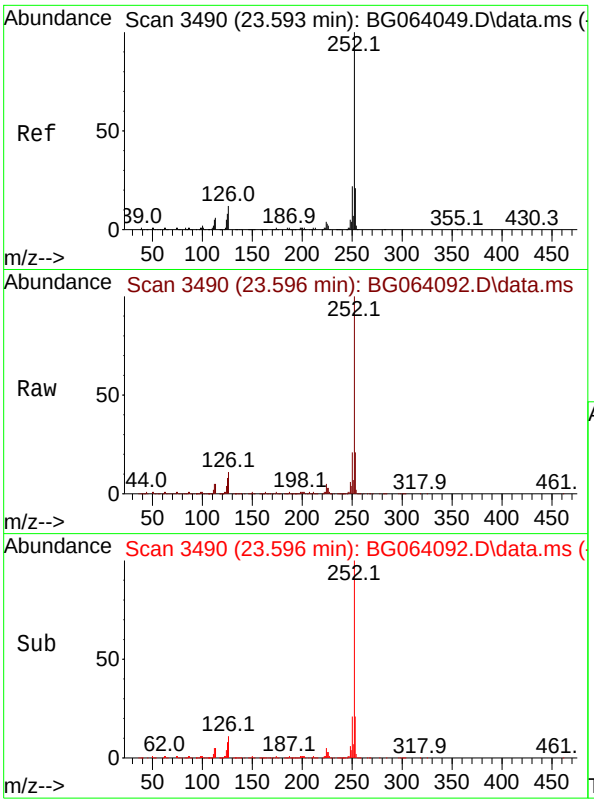




#88
Benzo(b)fluoranthene
Concen: 54.042 ng
RT: 23.526 min Scan# 3478
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:252 Resp: 849260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.0 | 25.4 |
| 125 | 8.1 | 7.4 | 11.2 |



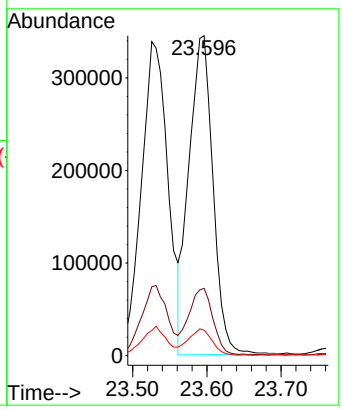


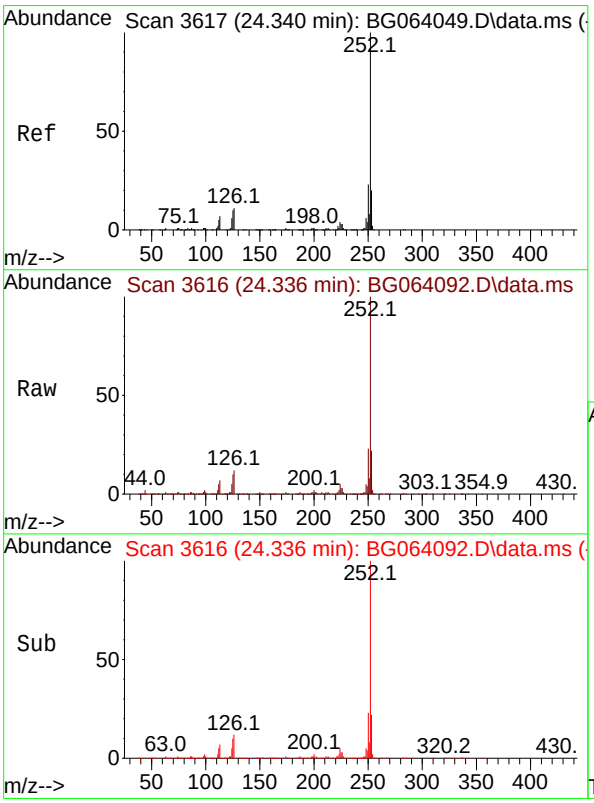

#89
Benzo(k)fluoranthene
Concen: 49.186 ng
RT: 23.596 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:252 Resp: 775418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.0 | 16.8 | 25.2 |
| 125 | 8.0 | 6.9 | 10.3 |

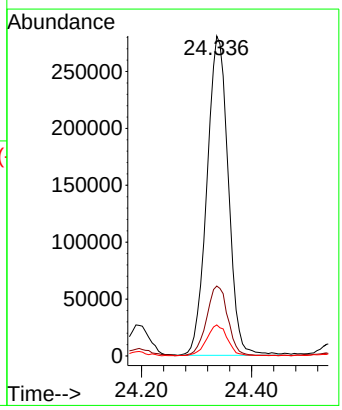


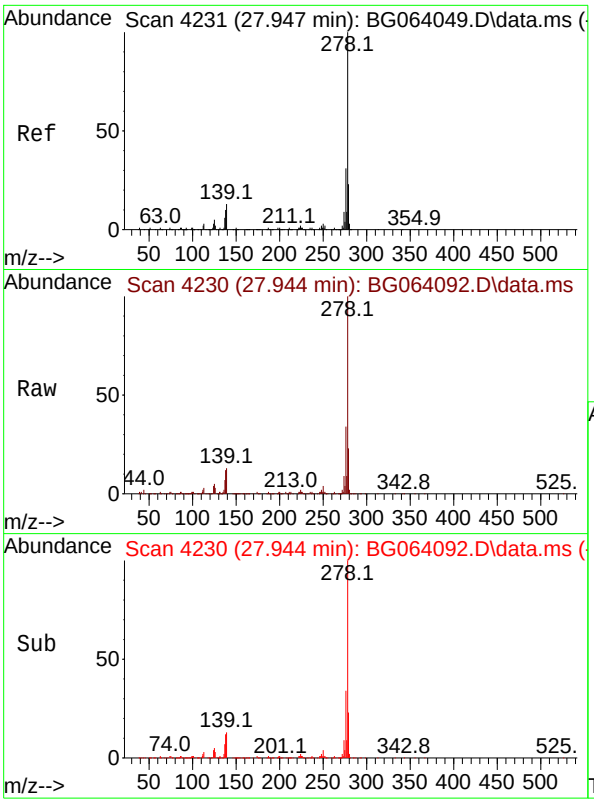




#90
Benzo(a)pyrene
Concen: 53.955 ng
RT: 24.336 min Scan# 3616
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:252 Resp: 755131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 16.2 | 24.2 |
| 125 | 9.7 | 7.8 | 11.6 |



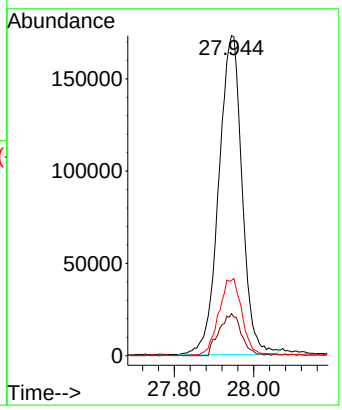


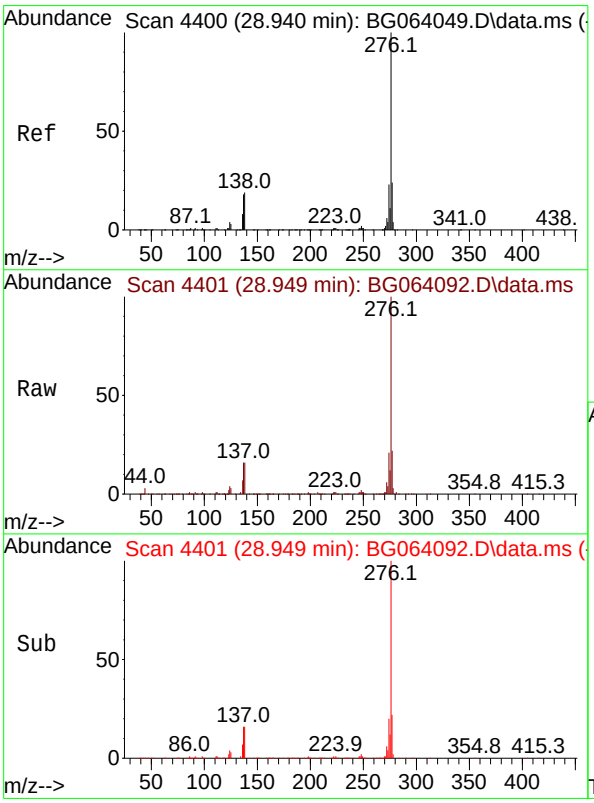

#91
Dibenzo(a,h)anthracene
Concen: 48.834 ng
RT: 27.944 min Scan# 4
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

**Instrument :**
BNA_G
**ClientSampleId :**
VNJ-241MSD

Tgt Ion:278 Resp: 704145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.2 | 10.2 | 15.2 |
| 279 | 23.5 | 18.1 | 27.1 |




#92
Benzo(g,h,i)perylene
Concen: 49.133 ng
RT: 28.949 min Scan# 4401
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:276 Resp: 727372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 21.9 | 19.5 | 29.3 |
| 138 | 15.8 | 15.4 | 23.0 |