Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064963.D
Acq On : 16 Dec 2025 19:57
Operator : RC/JU
Sample : PB170956BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 17 05:57:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 17 05:53:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.041 | 152 | 45135 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.844 | 136 | 186760 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.657 | 164 | 149281 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.389 | 188 | 345692 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.637 | 240 | 370700 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.804 | 264 | 413458 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.603 | 112 | 409769 | 146.404 | ng | 0.00 |
| 7) Phenol-d6 | 7.189 | 99 | 557114 | 142.208 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.199 | 82 | 314606 | 100.043 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.132 | 330 | 283988 | 146.621 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.288 | 172 | 924640 | 92.171 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.998 | 244 | 1833788 | 93.266 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.382 | 88 | 53 | 0.047 | ng | # 1 |
| 4) n-Nitrosodimethylamine | 3.817 | 42 | 121 | 0.068 | ng | # 1 |
| 6) Aniline | 7.189 | 93 | 58 | 0.011 | ng | # 1 |
| 9) Benzaldehyde | 7.189 | 77 | 1079 | 0.370 | ng | # 4 |
| 10) Phenol | 7.195 | 94 | 72 | 0.017 | ng | # 1 |
| 11) bis(2-Chloroethyl)ether | 7.189 | 93 | 58 | 0.018 | ng | # 1 |
| 15) Benzyl Alcohol | 8.035 | 79 | 1332 | 0.406 | ng | # 46 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.082 | 45 | 80 | 0.010 | ng | 78 |
| 19) n-Nitroso-di-n-propyla... | 9.199 | 70 | 43498 | 14.492 | ng | # 74 |
| 22) Acetophenone | 8.646 | 105 | 62 | 0.012 | ng | # 48 |
| 24) Nitrobenzene | 9.199 | 77 | 1183 | 0.346 | ng | # 42 |
| 25) Isophorone | 9.651 | 82 | 117 | 0.015 | ng | # 67 |
| 28) bis(2-Chloroethoxy)met... | 10.691 | 93 | 60 | 0.014 | ng | # 51 |
| 46) 1,1'-Biphenyl | 13.288 | 154 | 1659 | 0.154 | ng | # 1 |
| 48) 2-Nitroaniline | 13.740 | 65 | 54 | 2.993 | ng | # 9 |
| 49) Acenaphthylene | 14.381 | 152 | 57 | 0.004 | ng | # 59 |
| 51) 2,6-Dinitrotoluene | 14.657 | 165 | 18633 | 12.557 | ng | # 22 |
| 52) Acenaphthene | 14.657 | 154 | 479 | 0.055 | ng | # 5 |
| 57) 2,4-Dinitrotoluene | 14.657 | 165 | 18633 | 9.743 | ng | # 21 |
| 58) Fluorene | 16.132 | 166 | 10406 | 0.944 | ng | # 81 |
| 60) Diethylphthalate | 15.474 | 149 | 62 | 0.005 | ng | # 59 |
| 63) Azobenzene | 16.137 | 77 | 1614 | 0.147 | ng | # 12 |
| 65) 4,6-Dinitro-2-methylph... | 16.132 | 198 | 1046 | 6.268 | ng | # 1 |
| 66) n-Nitrosodiphenylamine | 16.132 | 169 | 8667 | 0.868 | ng | # 47 |
| 67) 4-Bromophenyl-phenylether | 16.132 | 248 | 18985 | 4.757 | ng | # 1 |
| 69) Atrazine | 16.837 | 200 | 75 | 0.019 | ng | # 35 |
| 71) Phenanthrene | 17.430 | 178 | 121 | 0.006 | ng | # 59 |
| 72) Anthracene | 17.524 | 178 | 62 | 0.003 | ng | # 61 |
| 73) Carbazole | 17.783 | 167 | 864 | 0.049 | ng | # 58 |
| 74) Di-n-butylphthalate | 18.358 | 149 | 1537 | 0.071 | ng | # 74 |
| 75) Fluoranthene | 19.428 | 202 | 1396 | 0.061 | ng | 87 |
| 77) Benzidine | 19.610 | 184 | 4274 | 0.415 | ng | # 88 |
| 78) Pyrene | 19.792 | 202 | 1916 | 0.080 | ng | 95 |
| 80) Butylbenzylphthalate | 20.679 | 149 | 1178 | 0.123 | ng | # 55 |
| 81) Benzo(a)anthracene | 21.625 | 228 | 3343 | 0.132 | ng | # 85 |
| 82) 3,3'-Dichlorobenzidine | 21.531 | 252 | 561 | 0.063 | ng | # 88 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064963.D
Acq On : 16 Dec 2025 19:57
Operator : RC/JU
Sample : PB170956BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 17 05:57:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 17 05:53:31 2025
Response via : Initial Calibration

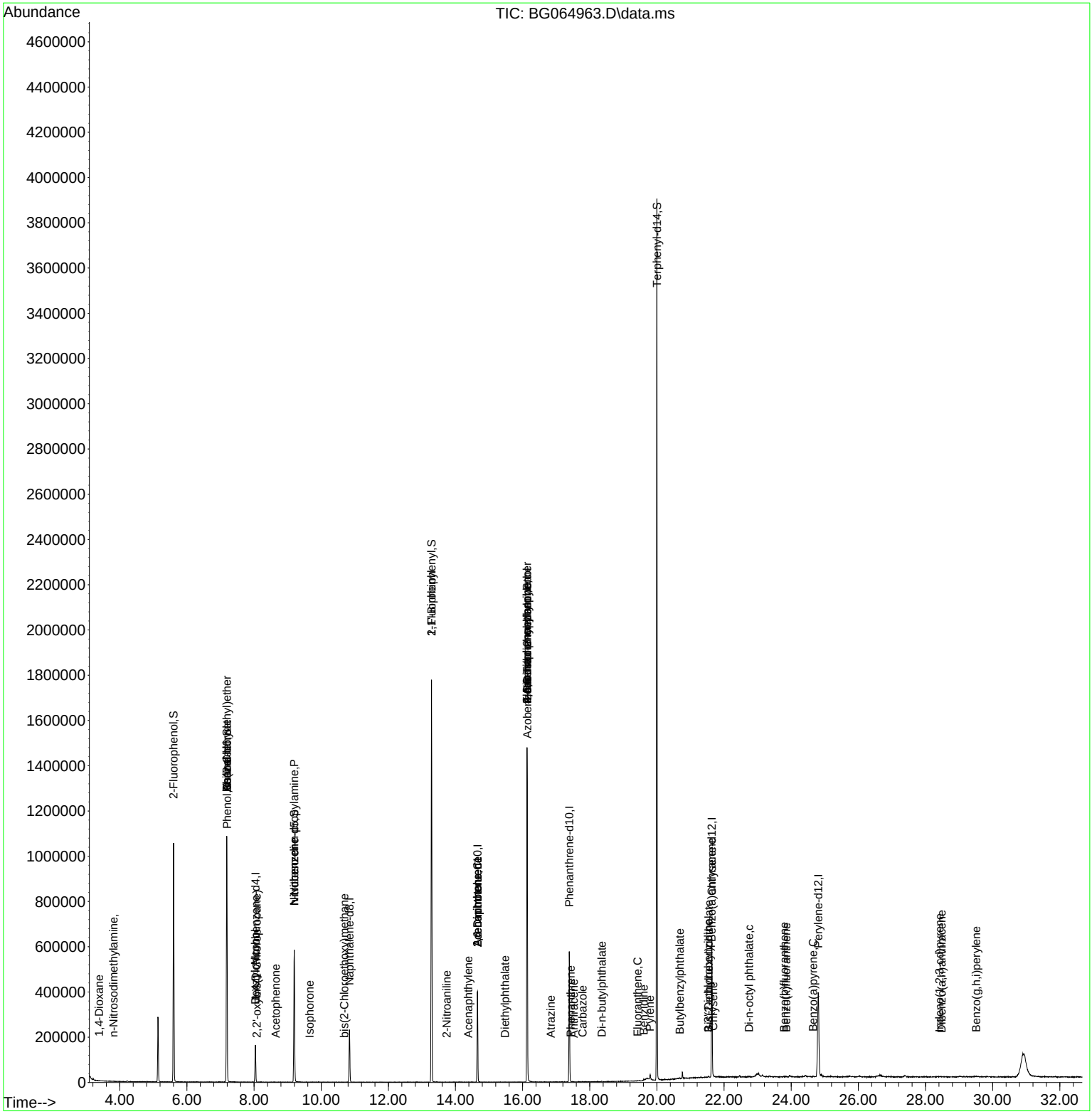
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 83) Chrysene | 21.678 | 228 | 1963 | 0.081 | ng | # | 87 |
| 84) Bis(2-ethylhexyl)phtha... | 21.543 | 149 | 2228 | 0.152 | ng | # | 93 |
| 85) Di-n-octyl phthalate | 22.742 | 149 | 2723 | 0.108 | ng | # | 91 |
| 87) Indeno(1,2,3-cd)pyrene | 28.417 | 276 | 795 | 0.026 | ng | # | 83 |
| 88) Benzo(b)fluoranthene | 23.787 | 252 | 2030 | 0.080 | ng | # | 90 |
| 89) Benzo(k)fluoranthene | 23.852 | 252 | 444 | 0.017 | ng | # | 85 |
| 90) Benzo(a)pyrene | 24.651 | 252 | 1947 | 0.081 | ng | # | 85 |
| 91) Dibenzo(a,h)anthracene | 28.482 | 278 | 1200 | 0.047 | ng | # | 57 |
| 92) Benzo(g,h,i)perylene | 29.510 | 276 | 743 | 0.030 | ng | # | 55 |

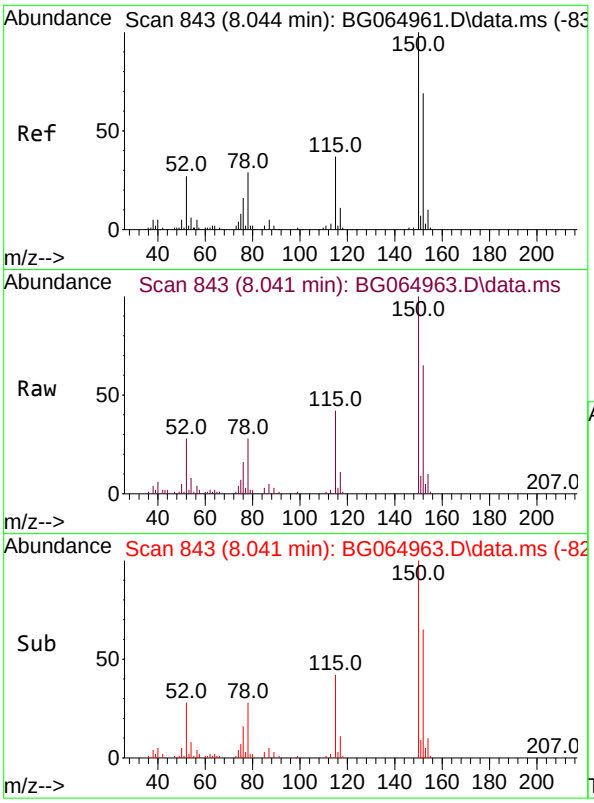
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064963.D
Acq On : 16 Dec 2025 19:57
Operator : RC/JU
Sample : PB170956BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 17 05:57:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 17 05:53:31 2025
Response via : Initial Calibration



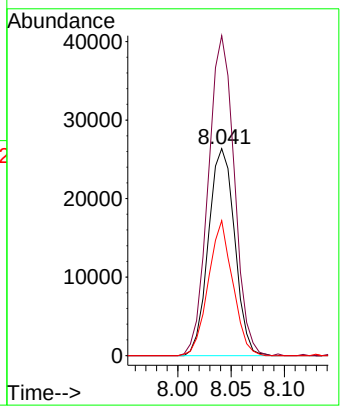


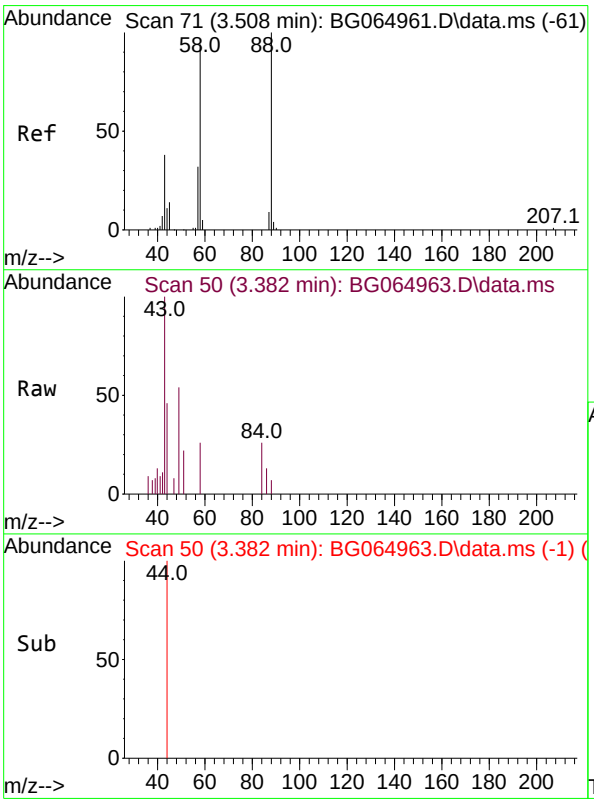

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.041 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:152 Resp: 45135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.6 | 126.0 | 189.0 |
| 115 | 65.2 | 49.0 | 73.4 |

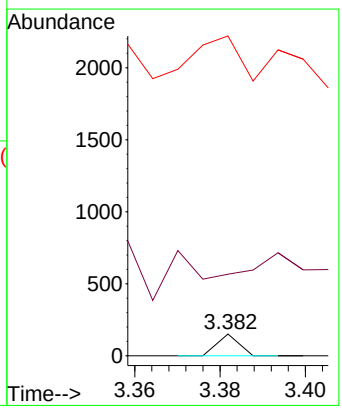


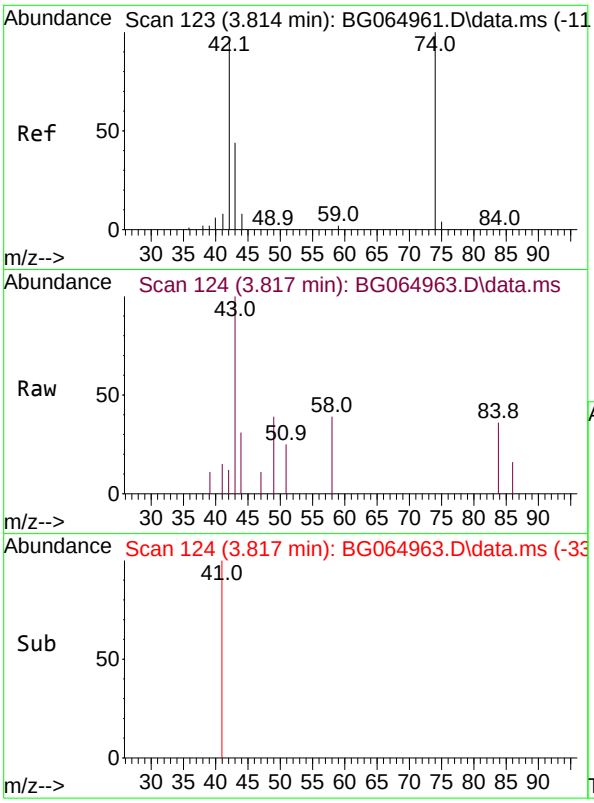




#2
1,4-Dioxane
Concen: 0.047 ng
RT: 3.382 min Scan# 50
Delta R.T. -0.126 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 88 Resp: 53

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 1369.8 | 81.2 | 121.8# |
| 43 | 0.0 | 32.7 | 49.1# |



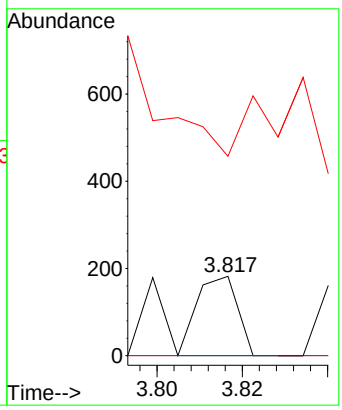


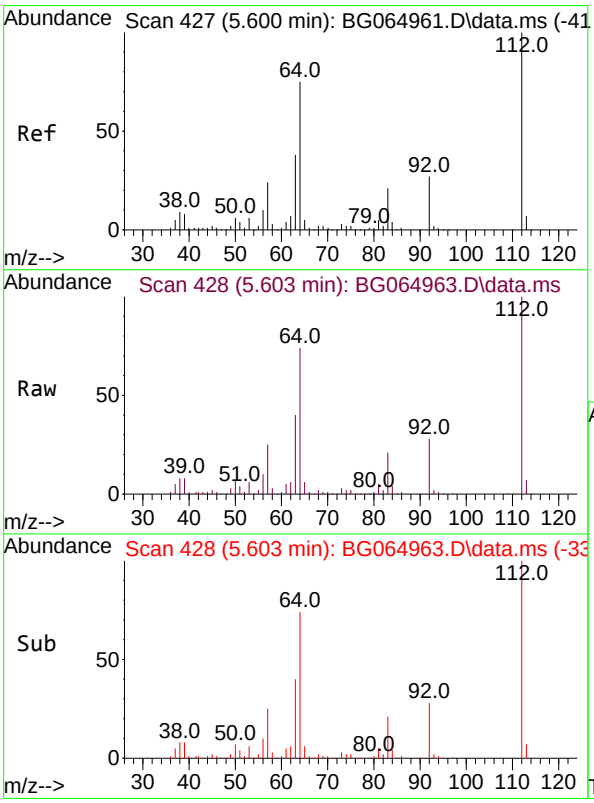

#4
n-Nitrosodimethylamine
Concen: 0.068 ng
RT: 3.817 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion: 42 Resp: 121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 82.9 | 124.3# |
| 44 | 251.1 | 7.4 | 11.2# |

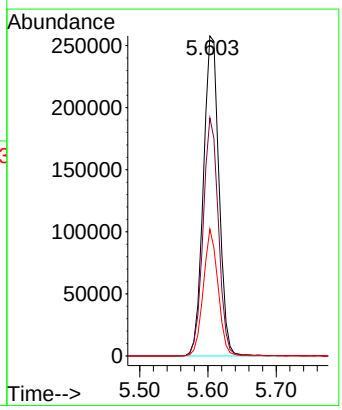


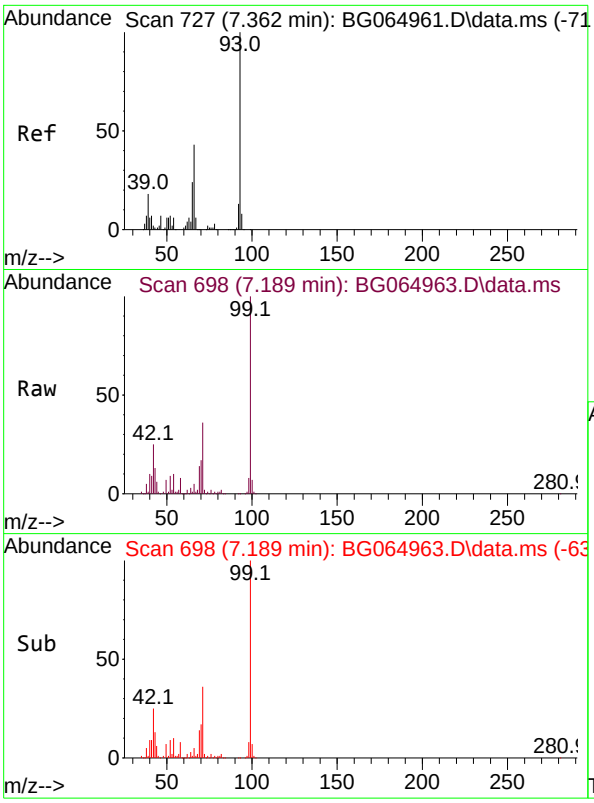




#5
2-Fluorophenol
Concen: 146.404 ng
RT: 5.603 min Scan# 428
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:112 Resp: 409769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.4 | 57.5 | 86.3 |
| 63 | 39.6 | 28.6 | 43.0 |



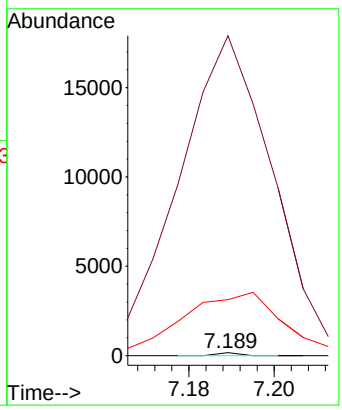


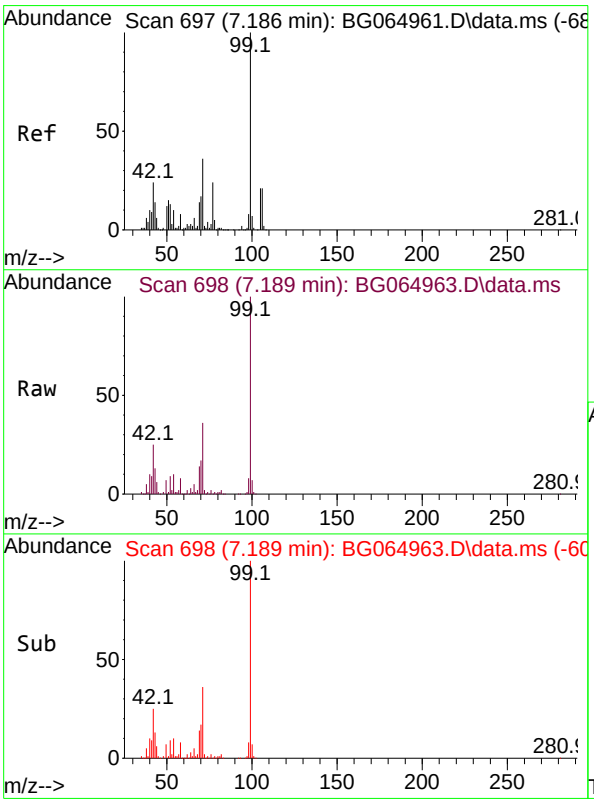

#6
Aniline
Concen: 0.011 ng
RT: 7.189 min Scan# 69
Delta R.T. -0.173 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion: 93 Resp: 58

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 10922.0 | 34.8 | 52.2# |
| 65 | 1910.4 | 16.6 | 25.0# |

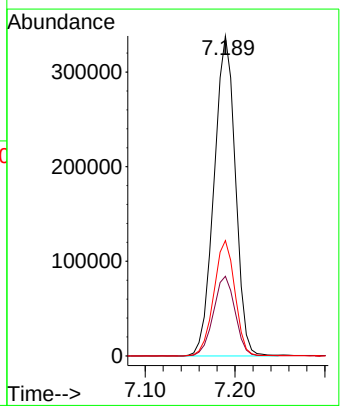


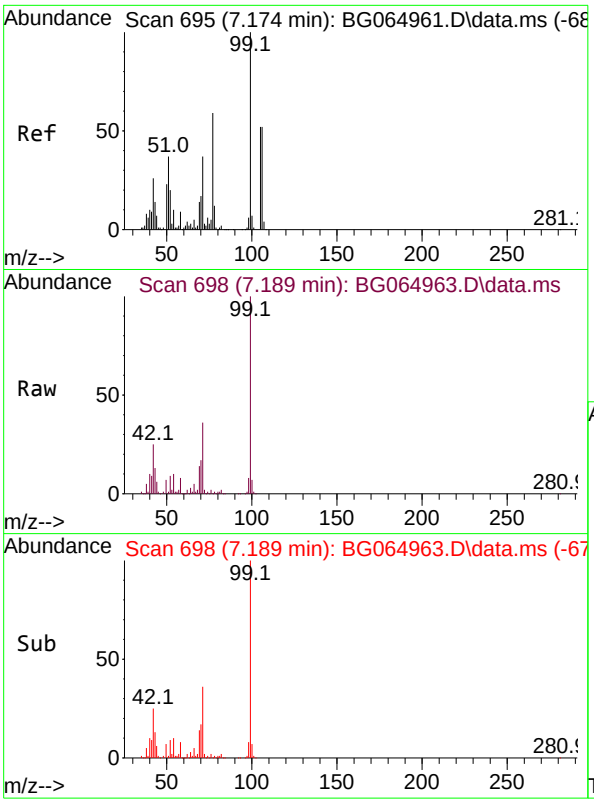




#7
Phenol-d6
Concen: 142.208 ng
RT: 7.189 min Scan# 698
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 99 Resp: 557114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.9 | 19.4 | 29.0 |
| 71 | 36.0 | 28.3 | 42.5 |



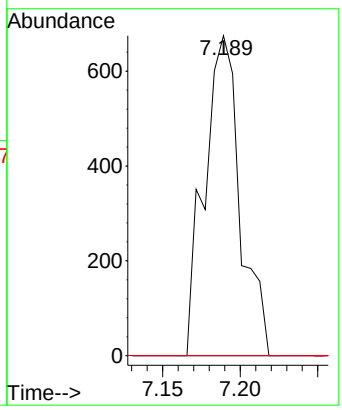


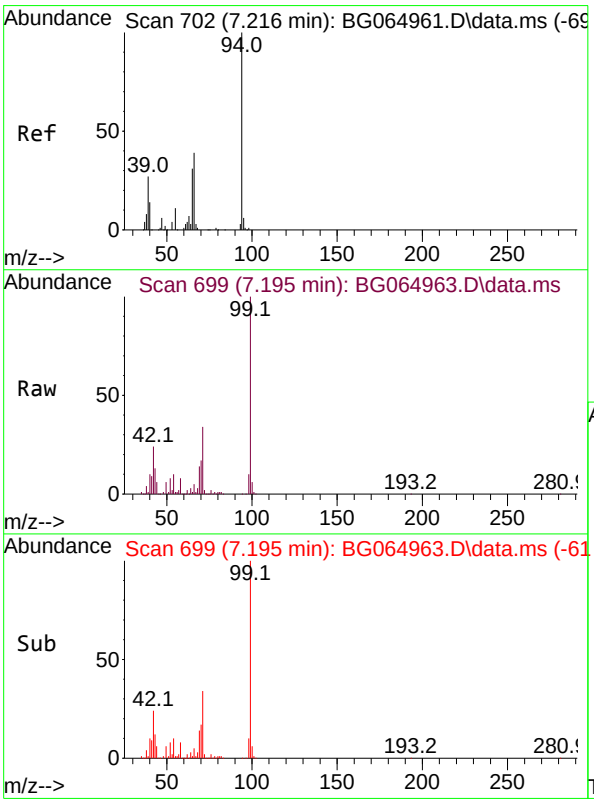

#9
Benzaldehyde
Concen: 0.370 ng
RT: 7.189 min Scan# 69
Delta R.T. 0.015 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion: 77 Resp: 1079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 75.1 | 115.1# |
| 106 | 0.0 | 67.0 | 107.0# |

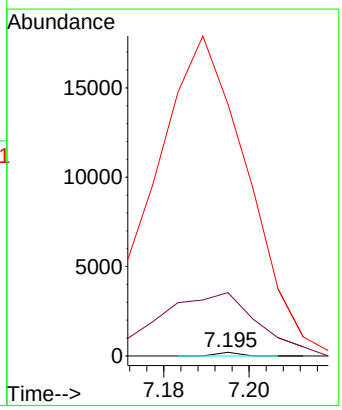


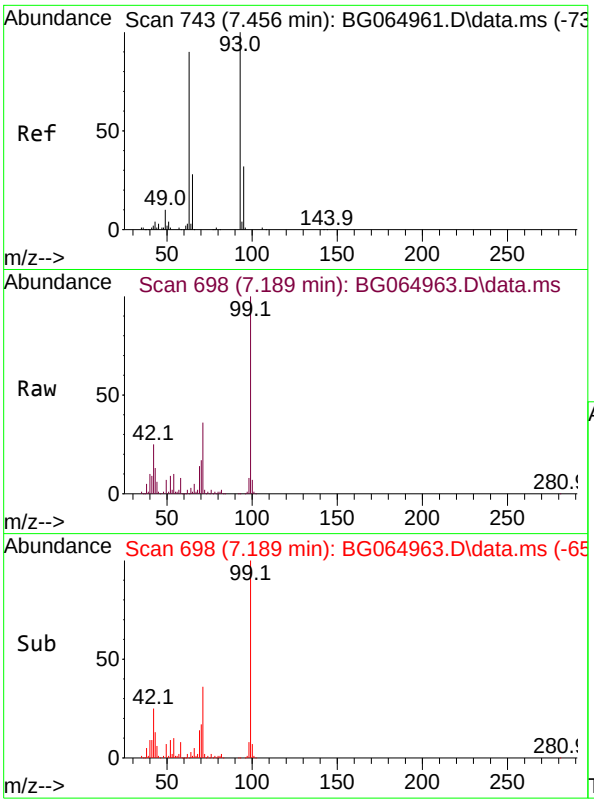




#10
Phenol
Concen: 0.017 ng
RT: 7.195 min Scan# 699
Delta R.T. -0.021 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 94 Resp: 72

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 1743.3 | 12.7 | 52.7# |
| 66 | 6942.9 | 21.4 | 61.4# |



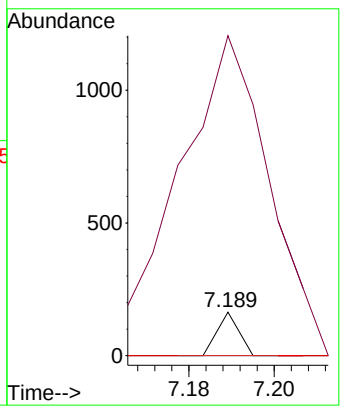


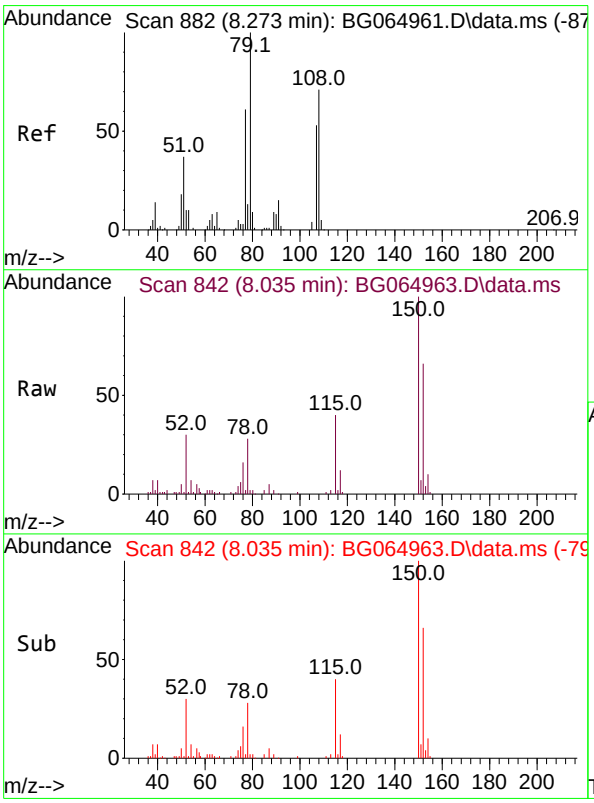

#11
bis(2-Chloroethyl)ether
Concen: 0.018 ng
RT: 7.189 min Scan# 6
Delta R.T. -0.267 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion: 93 Resp: 58

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 735.4 | 70.1 | 110.1# |
| 95 | 0.0 | 11.1 | 51.1# |

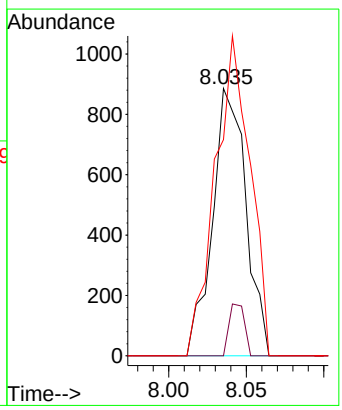


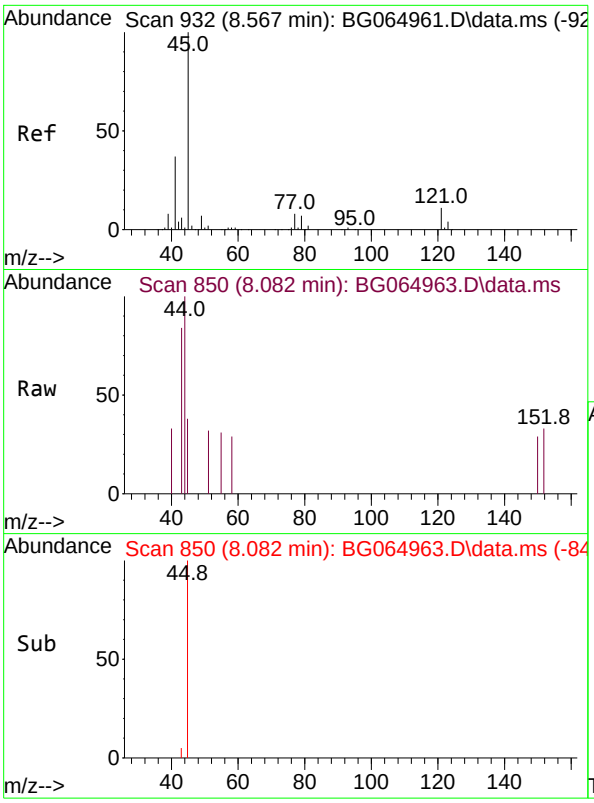




#15
Benzyl Alcohol
Concen: 0.406 ng
RT: 8.035 min Scan# 842
Delta R.T. -0.238 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 79 Resp: 1332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 0.0 | 57.4 | 86.0# |
| 77 | 80.8 | 52.3 | 78.5# |



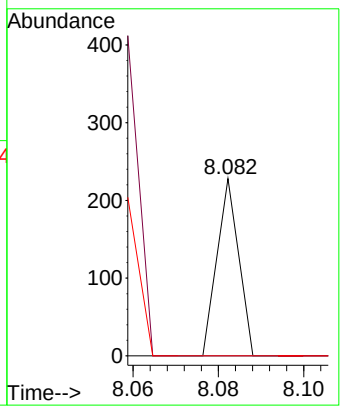


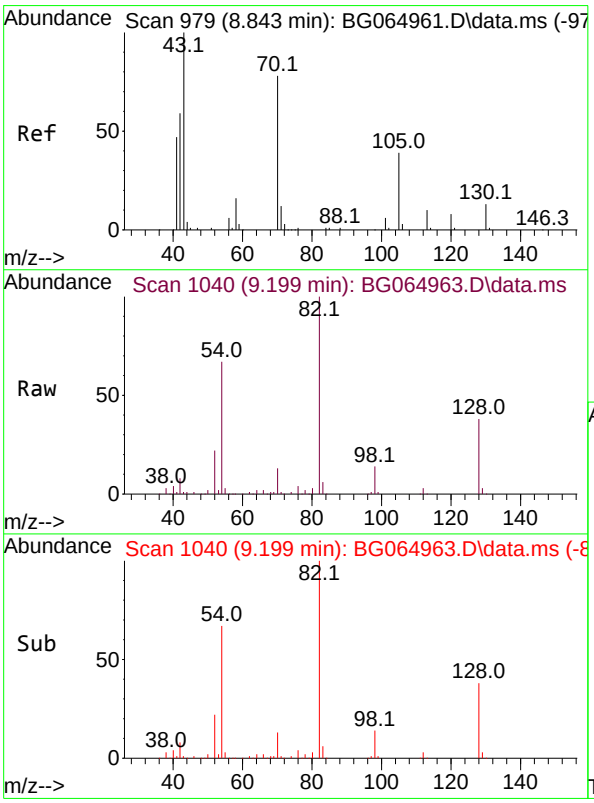

#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.082 min Scan# 8
Delta R.T. -0.485 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion: 45 Resp: 80

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 0.0 | 0.0 | 29.1 |
| 79 | 0.0 | 0.0 | 26.3 |

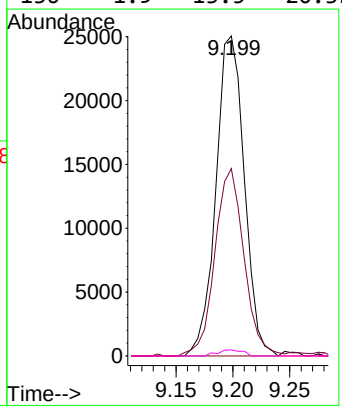


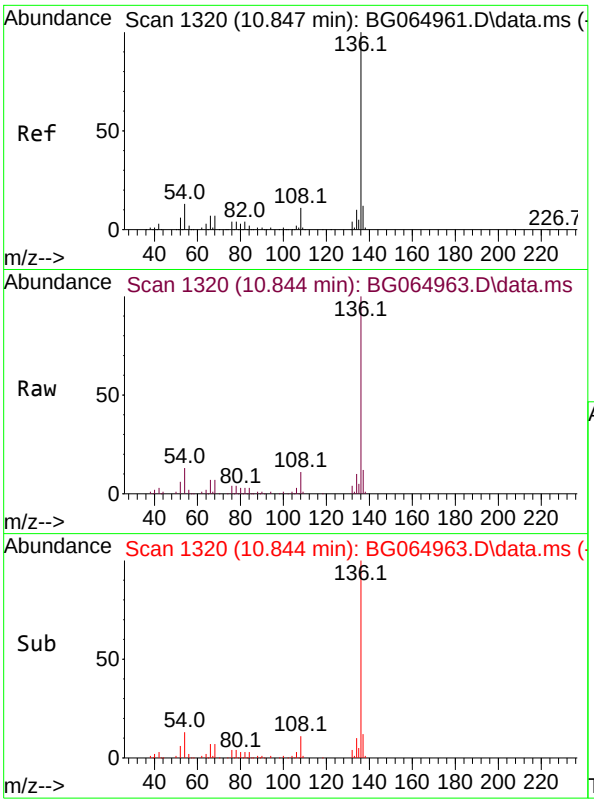




#19
n-Nitroso-di-n-propylamine
Concen: 14.492 ng
RT: 9.199 min Scan# 1040
Delta R.T. 0.355 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 70 Resp: 43498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 58.5 | 63.6 | 95.4# |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 1.9 | 13.5 | 20.3# |



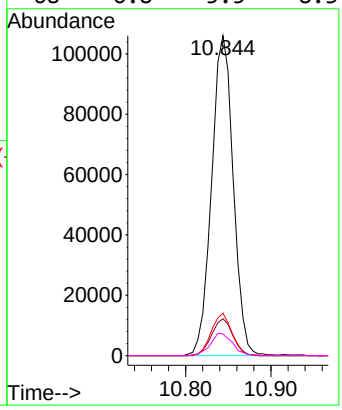


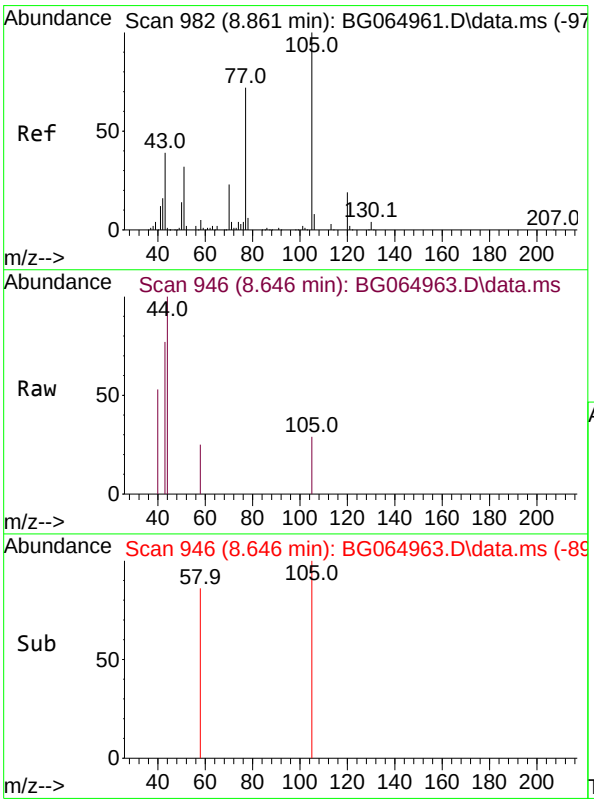

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.844 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:136 Resp: 186760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.0 | 13.6 |
| 54 | 13.2 | 9.6 | 14.4 |
| 68 | 6.8 | 5.5 | 8.3 |

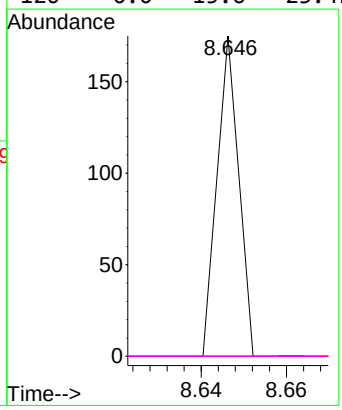


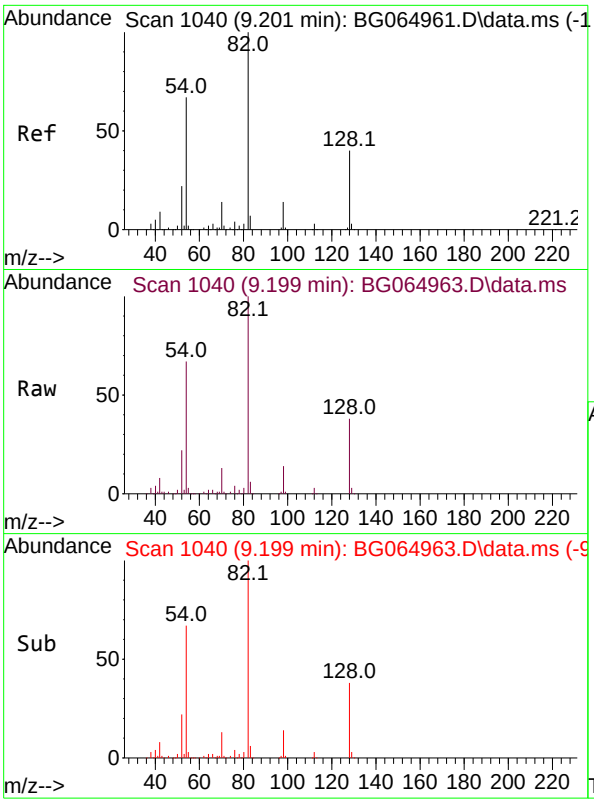




#22
Acetophenone
Concen: 0.012 ng
RT: 8.646 min Scan# 946
Delta R.T. -0.214 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:105 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 2.2 | 3.4# |
| 51 | 0.0 | 28.3 | 42.5# |
| 120 | 0.0 | 15.6 | 23.4# |



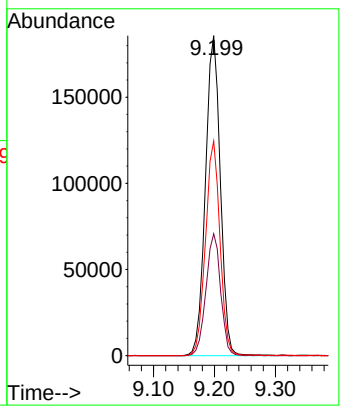


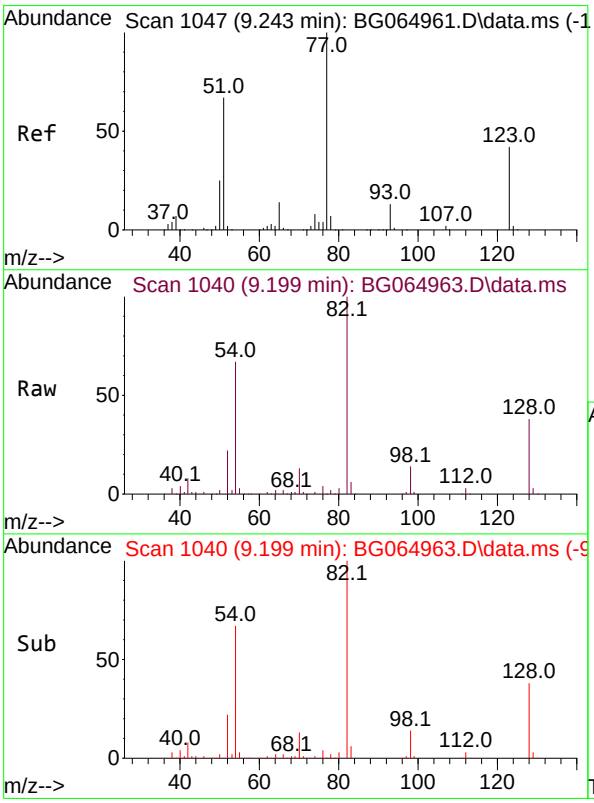

#23
Nitrobenzene-d5
Concen: 100.043 ng
RT: 9.199 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion: 82 Resp: 314606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.1 | 29.9 | 44.9 |
| 54 | 67.0 | 51.5 | 77.3 |

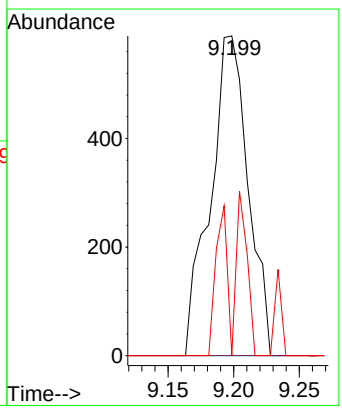


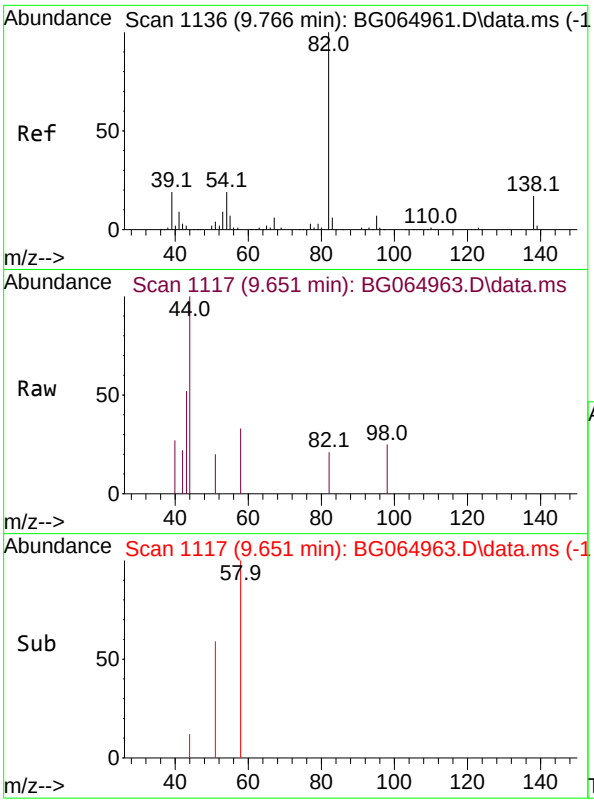




#24
Nitrobenzene
Concen: 0.346 ng
RT: 9.199 min Scan# 1040
Delta R.T. -0.044 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 77 Resp: 1183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 32.8 | 49.2# |
| 65 | 0.0 | 11.2 | 16.8# |



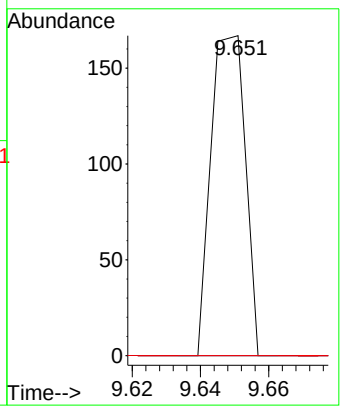


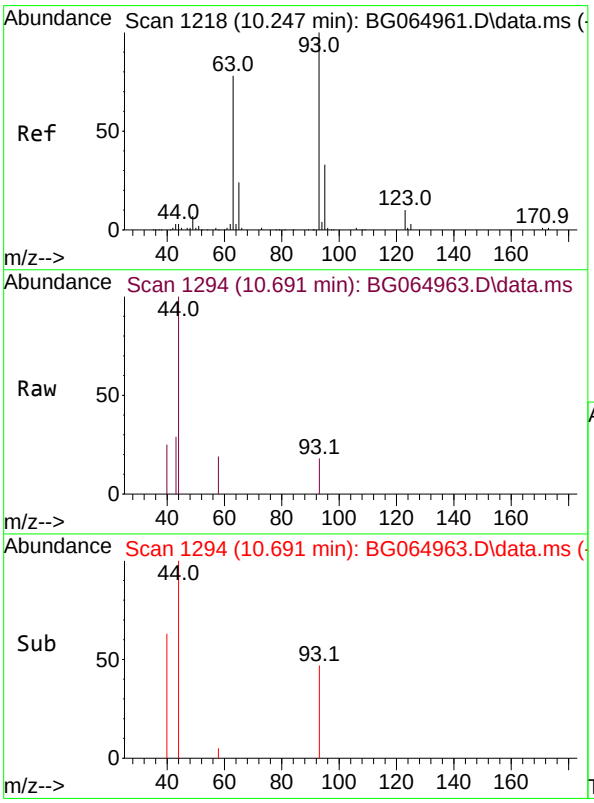

#25
Isophorone
Concen: 0.015 ng
RT: 9.651 min Scan# 11
Delta R.T. -0.115 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion: 82 Resp: 117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.4 | 8.2# |
| 138 | 0.0 | 13.1 | 19.7# |

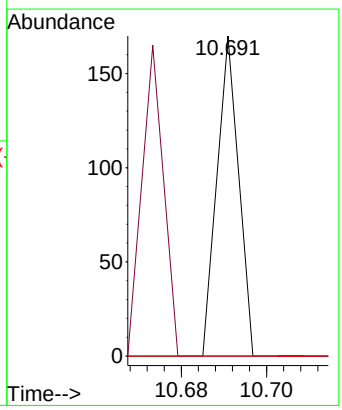


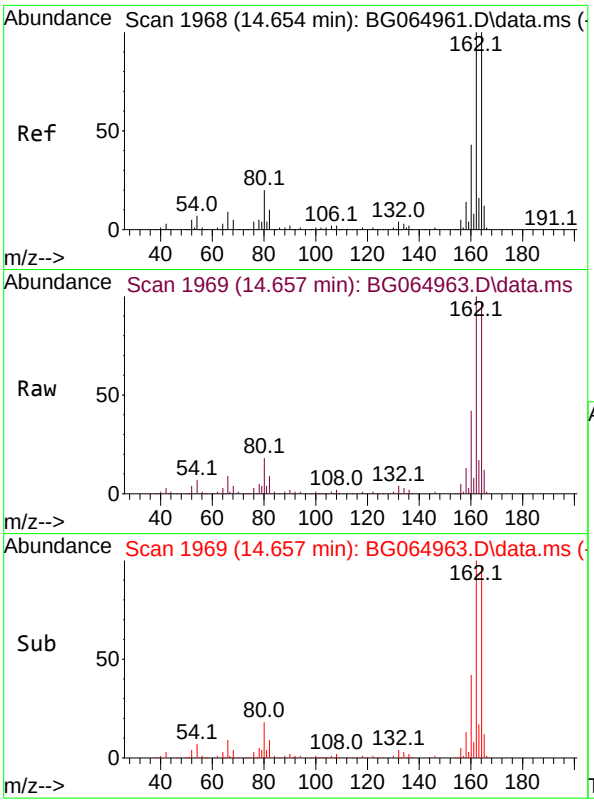




#28
bis(2-Chloroethoxy)methane
Concen: 0.014 ng
RT: 10.691 min Scan# 1294
Delta R.T. 0.444 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 93 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 0.0 | 24.4 | 36.6# |
| 123 | 0.0 | 8.5 | 12.7# |



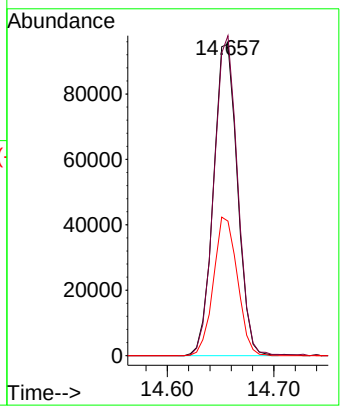


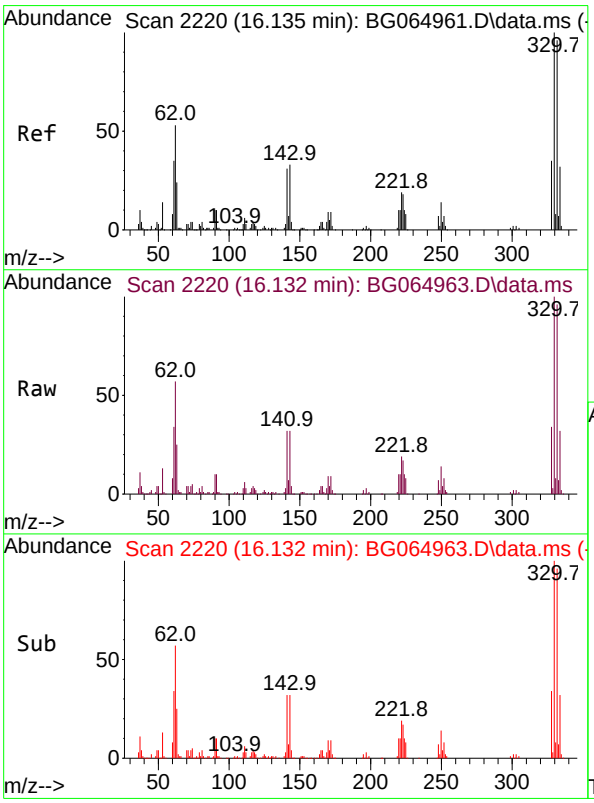

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.657 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:164 Resp: 149281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.7 | 77.9 | 116.9 |
| 160 | 43.2 | 35.0 | 52.6 |

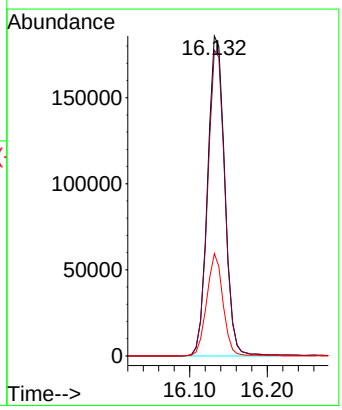


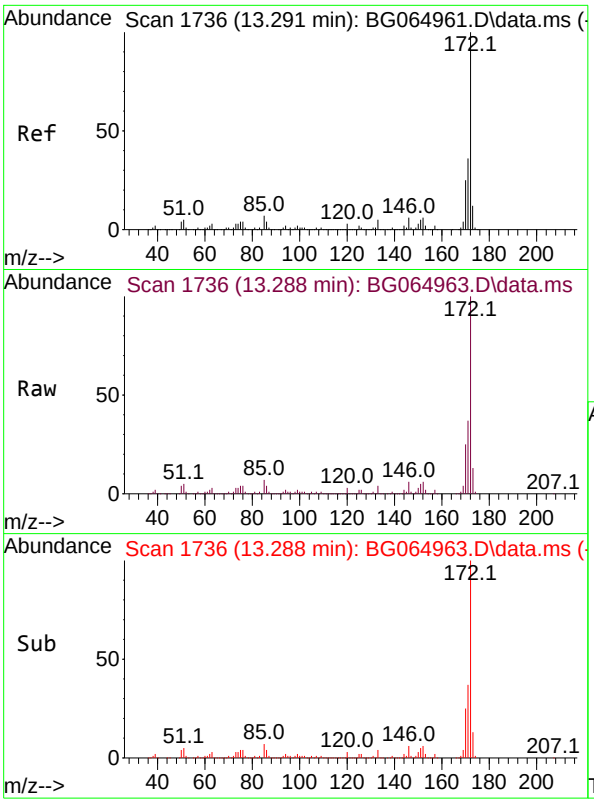




#42
2,4,6-Tribromophenol
Concen: 146.621 ng
RT: 16.132 min Scan# 2220
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:330 Resp: 283988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 76.8 | 115.2 |
| 141 | 30.5 | 25.4 | 38.0 |



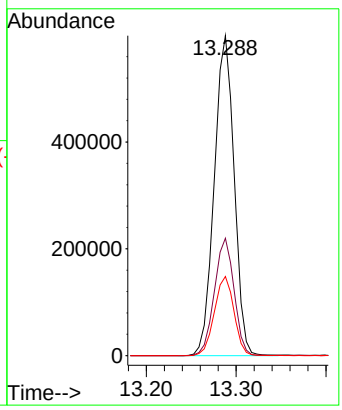


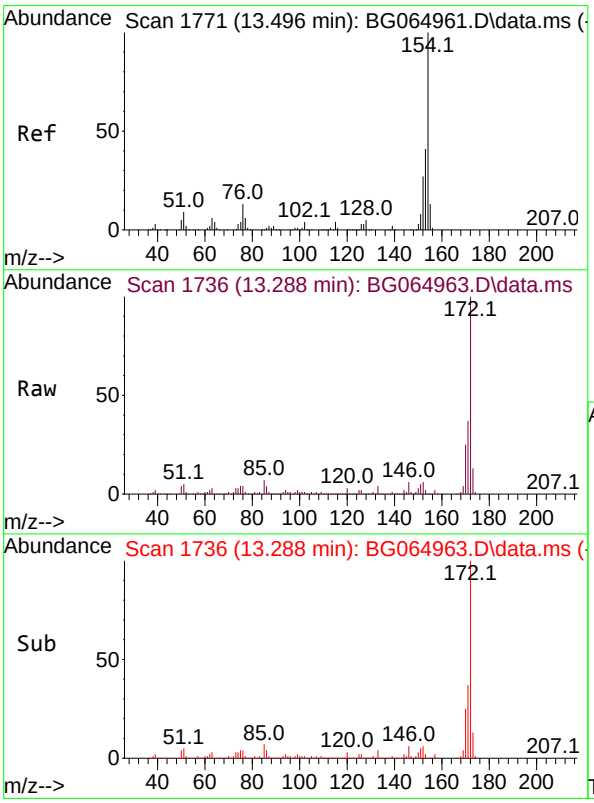

#45
2-Fluorobiphenyl
Concen: 92.171 ng
RT: 13.288 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:172 Resp: 924640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 28.6 | 42.8 |
| 170 | 24.7 | 19.9 | 29.9 |

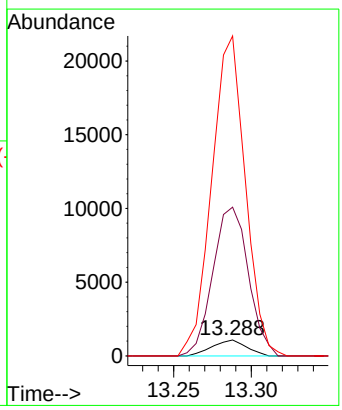


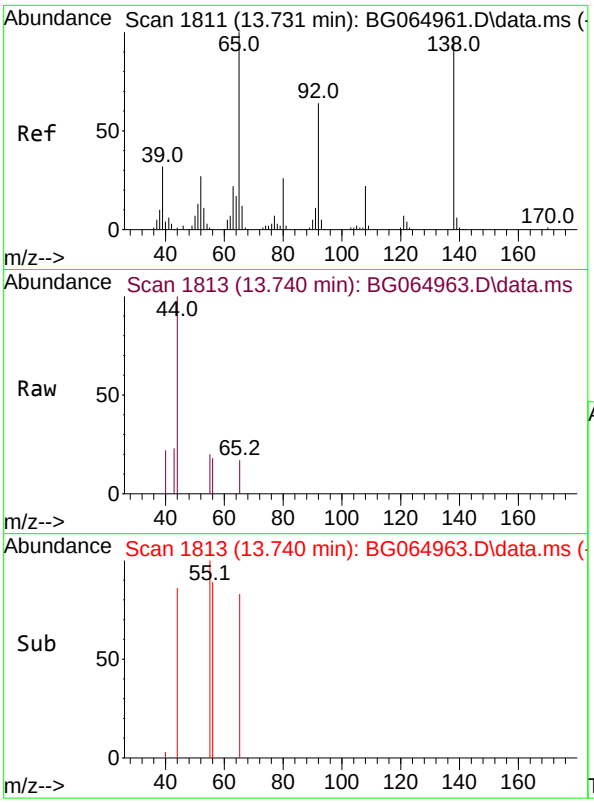




#46
1,1'-Biphenyl
Concen: 0.154 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.209 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:154 Resp: 1659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 934.8 | 20.4 | 60.4# |
| 76 | 2011.5 | 0.0 | 34.2# |



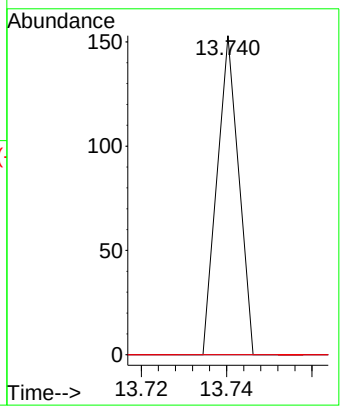


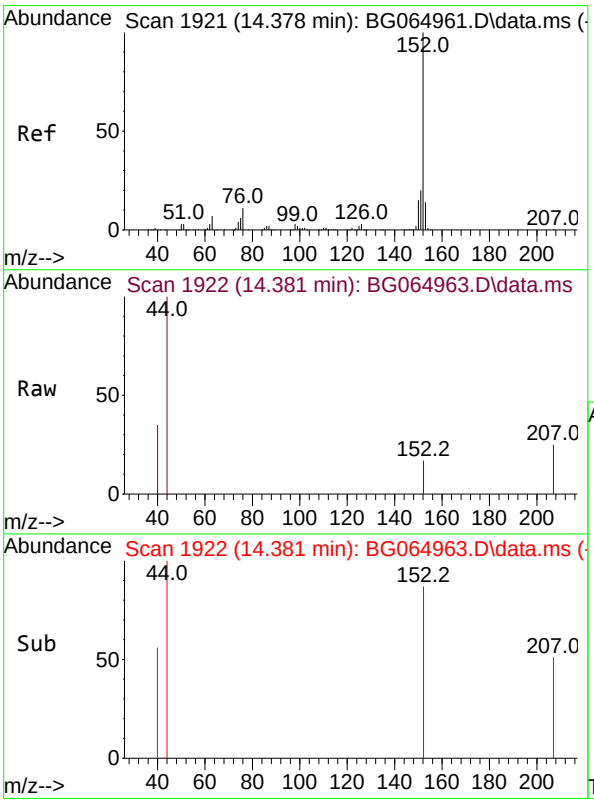

#48
2-Nitroaniline
Concen: 2.993 ng
RT: 13.740 min Scan# 18
Delta R.T. 0.009 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion: 65 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 49.2 | 73.8# |
| 138 | 0.0 | 75.8 | 113.6# |

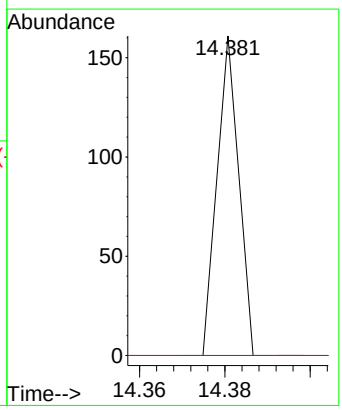


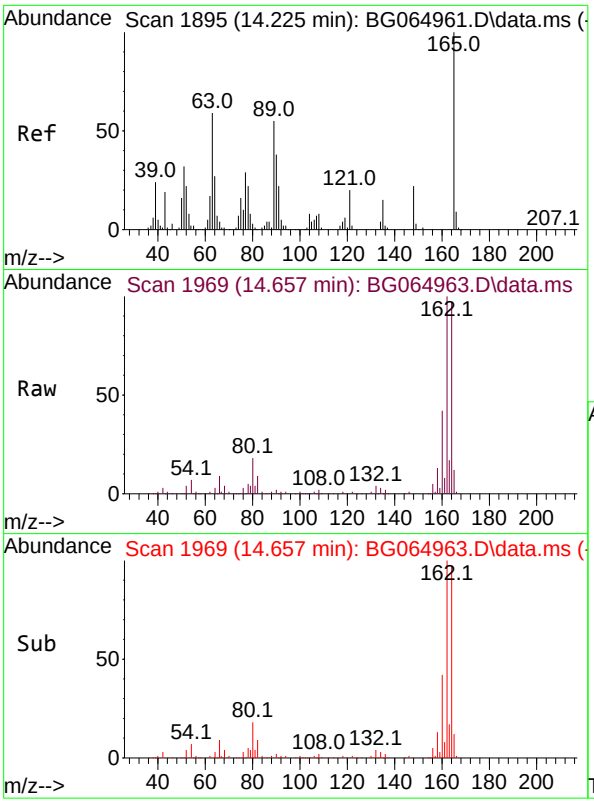




#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.381 min Scan# 1922
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:152 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 17.0 | 25.6# |
| 153 | 0.0 | 11.0 | 16.6# |



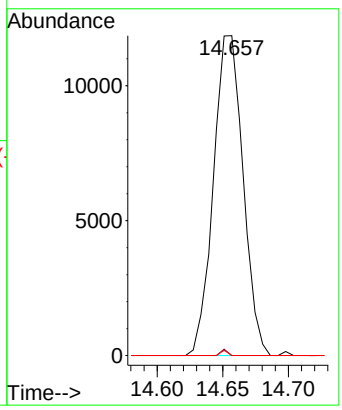


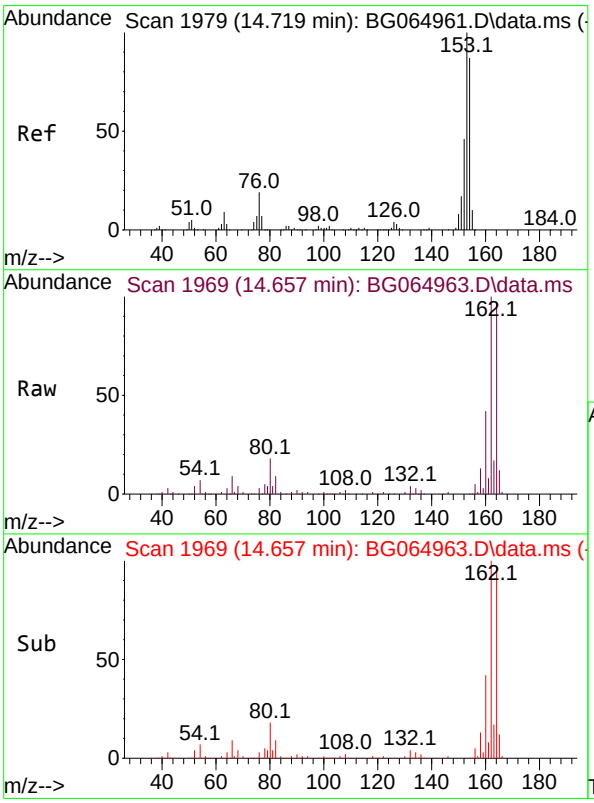

#51
2,6-Dinitrotoluene
Concen: 12.557 ng
RT: 14.657 min Scan# 19
Delta R.T. 0.432 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:165 Resp: 18633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 49.4 | 74.2# |
| 89 | 0.0 | 44.2 | 66.2# |

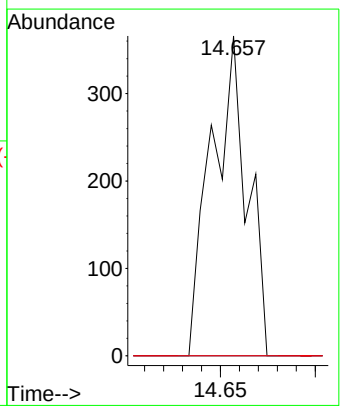


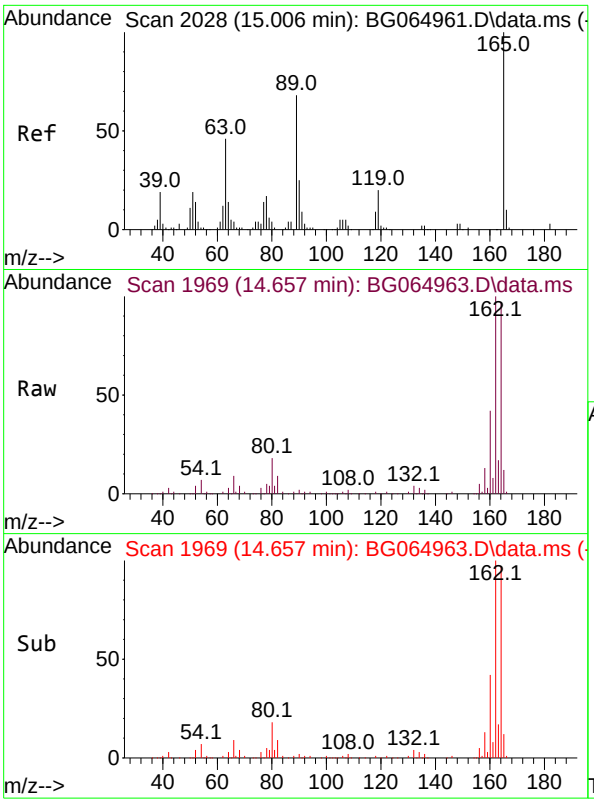




#52
Acenaphthene
Concen: 0.055 ng
RT: 14.657 min Scan# 1969
Delta R.T. -0.062 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:154 Resp: 479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 88.4 | 132.6# |
| 152 | 0.0 | 42.1 | 63.1# |



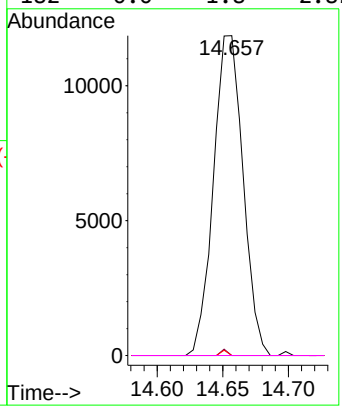


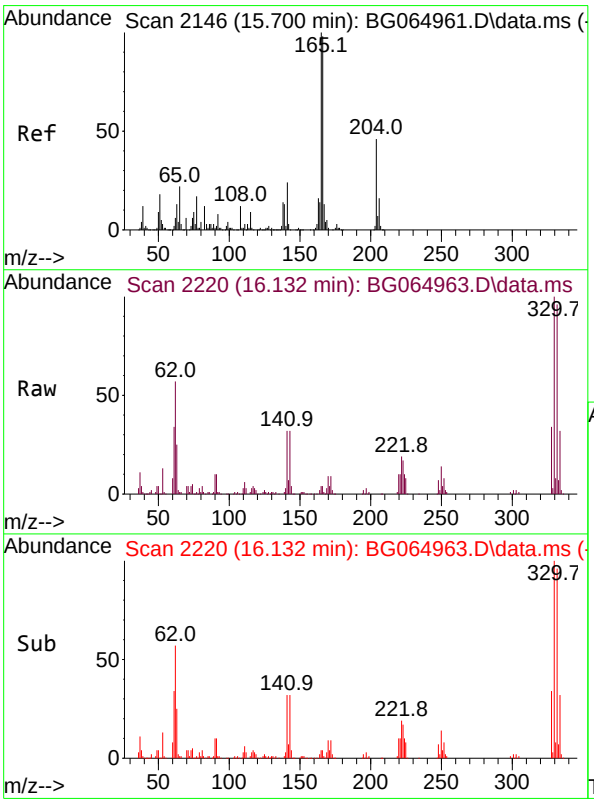

#57
2,4-Dinitrotoluene
Concen: 9.743 ng
RT: 14.657 min Scan# 19
Delta R.T. -0.349 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:165 Resp: 18633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 36.9 | 55.3# |
| 89 | 0.0 | 59.4 | 89.0# |
| 182 | 0.0 | 1.8 | 2.8# |

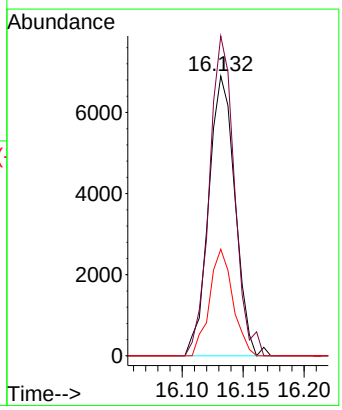


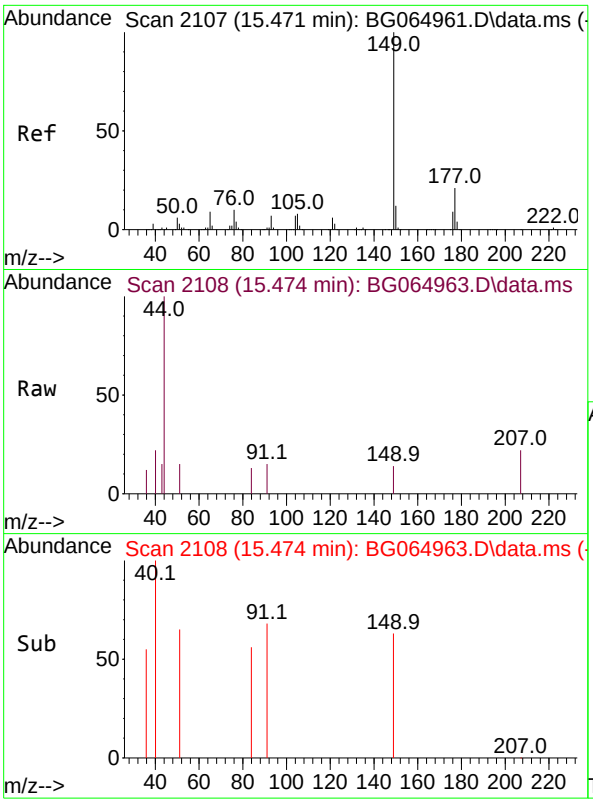




#58
Fluorene
Concen: 0.944 ng
RT: 16.132 min Scan# 2220
Delta R.T. 0.432 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:166 Resp: 10406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 114.4 | 81.0 | 121.6 |
| 167 | 38.1 | 10.3 | 15.5# |



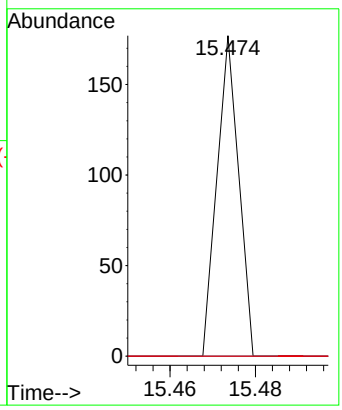


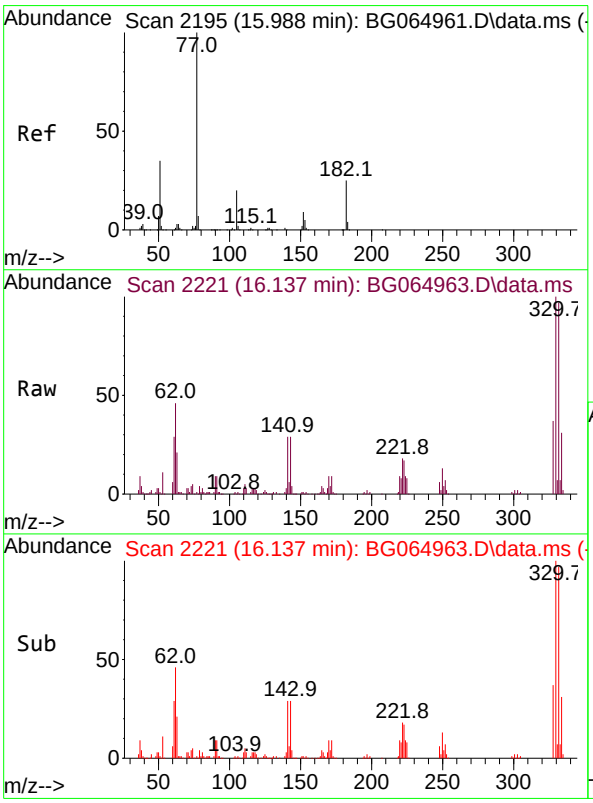

#60
Diethylphthalate
Concen: 0.005 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:149 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 0.0 | 17.5 | 26.3# |
| 150 | 0.0 | 10.2 | 15.2# |

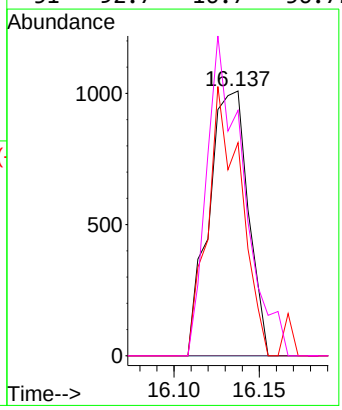


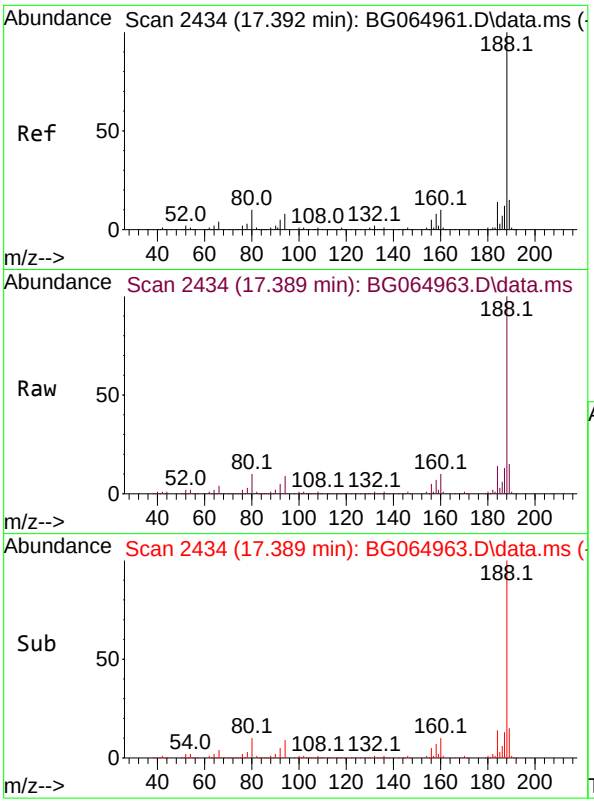




#63
Azobenzene
Concen: 0.147 ng
RT: 16.137 min Scan# 2221
Delta R.T. 0.150 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 77 Resp: 1614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 5.7 | 45.7# |
| 105 | 80.5 | 1.9 | 41.9# |
| 51 | 92.7 | 16.7 | 56.7# |



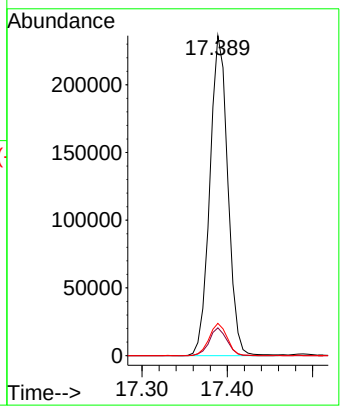


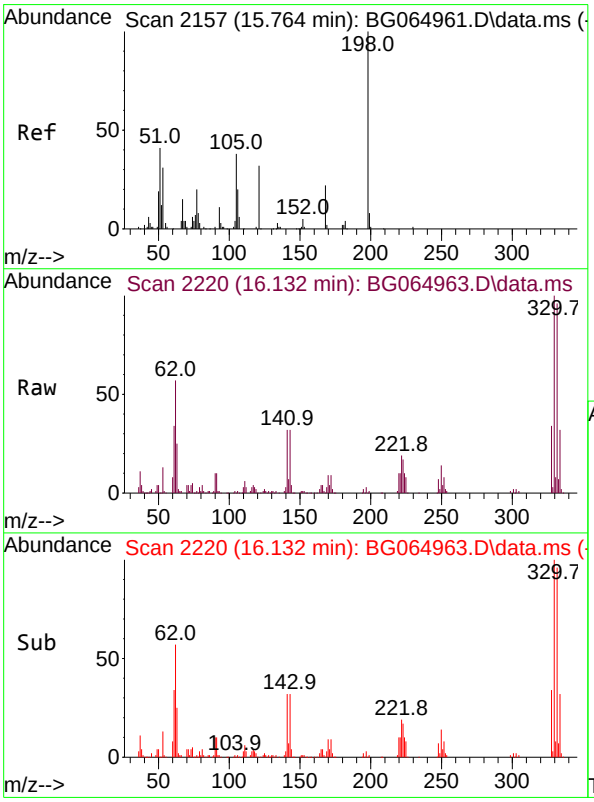

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:188 Resp: 345692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.6 | 10.0 |
| 80 | 10.1 | 7.9 | 11.9 |

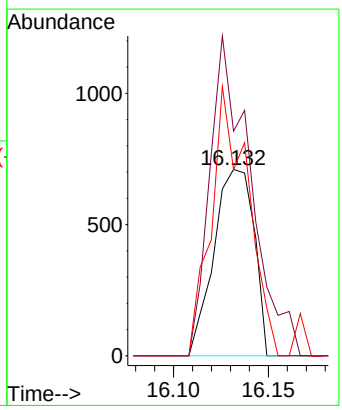


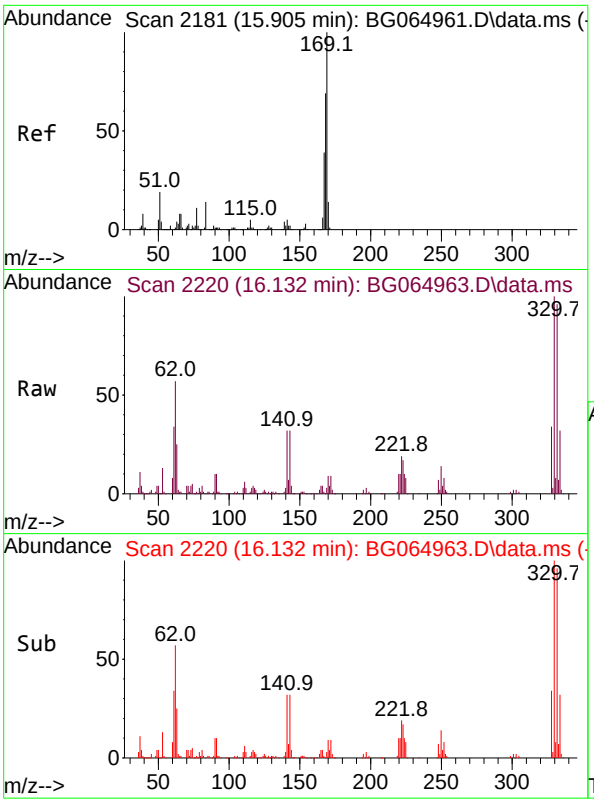




#65
4,6-Dinitro-2-methylphenol
Concen: 6.268 ng
RT: 16.132 min Scan# 2220
Delta R.T. 0.368 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:198 Resp: 1046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 120.6 | 23.5 | 63.5# |
| 105 | 99.9 | 15.8 | 55.8# |



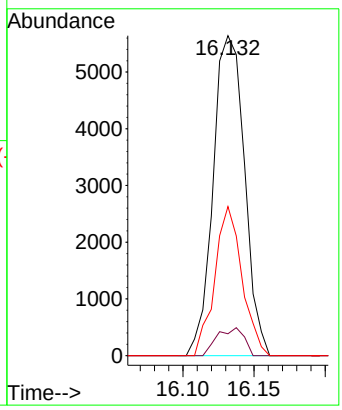


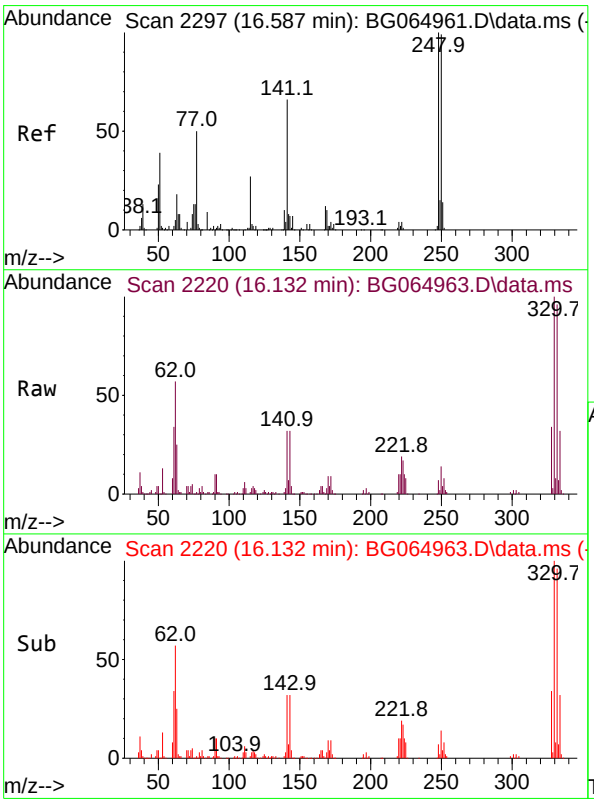

#66
n-Nitrosodiphenylamine
Concen: 0.868 ng
RT: 16.132 min Scan# 2
Delta R.T. 0.226 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:169 Resp: 8667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 6.8 | 55.6 | 83.4# |
| 167 | 46.6 | 31.6 | 47.4 |

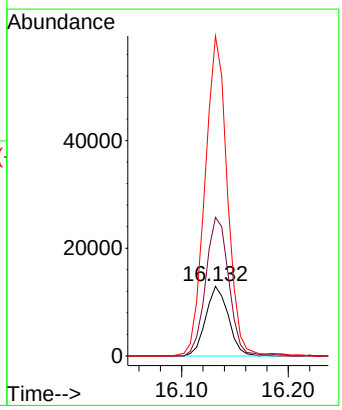


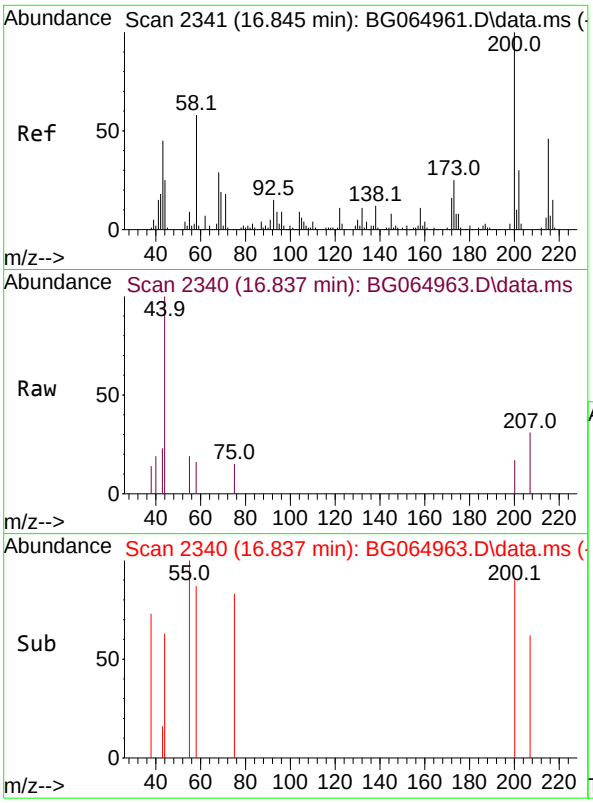




#67
4-Bromophenyl-phenylether
Concen: 4.757 ng
RT: 16.132 min Scan# 2220
Delta R.T. -0.455 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:248 Resp: 18985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 198.9 | 78.1 | 117.1# |
| 141 | 459.7 | 52.4 | 78.6# |



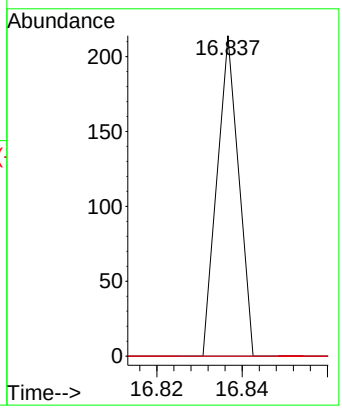


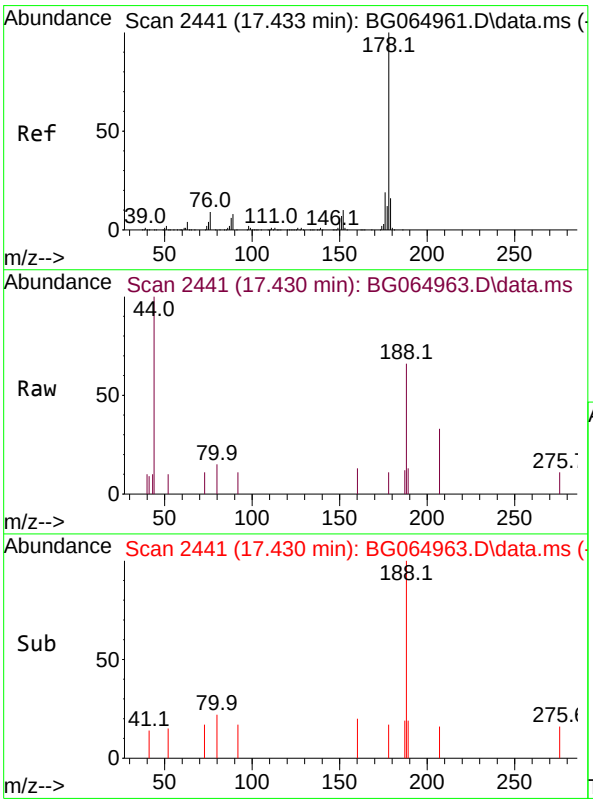

#69
Atrazine
Concen: 0.019 ng
RT: 16.837 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:200 Resp: 75

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 6.5 | 46.5# |
| 215 | 0.0 | 28.7 | 68.7# |

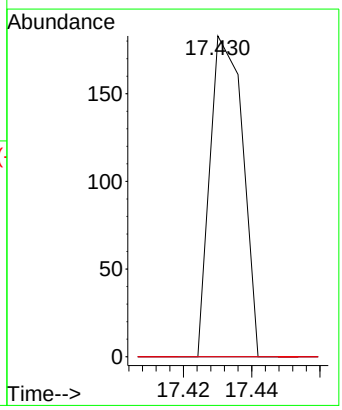


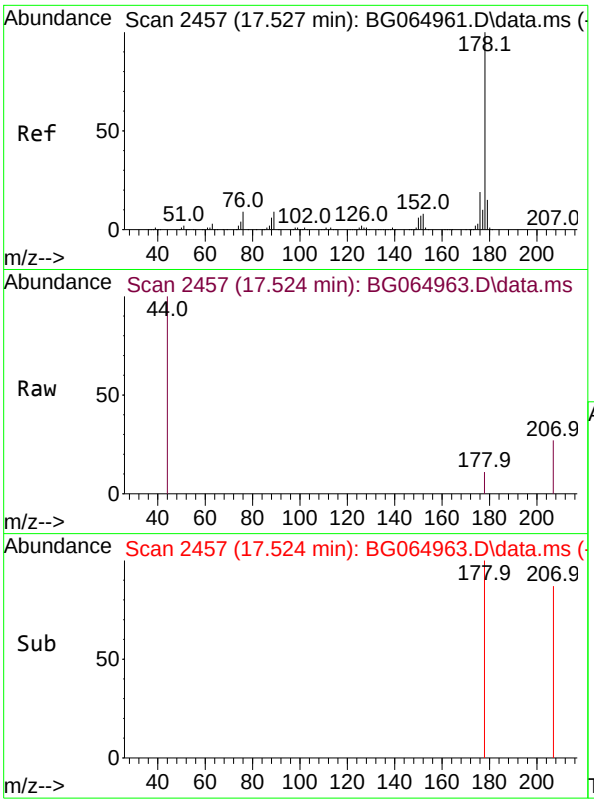




#71
Phenanthrene
Concen: 0.006 ng
RT: 17.430 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:178 Resp: 121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.9 | 23.9# |
| 179 | 0.0 | 12.6 | 18.8# |



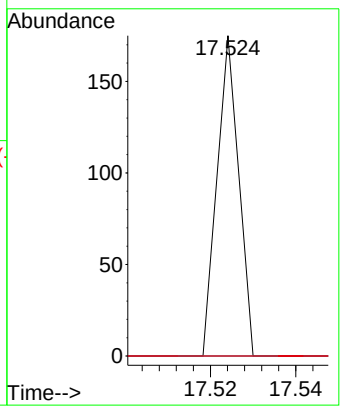


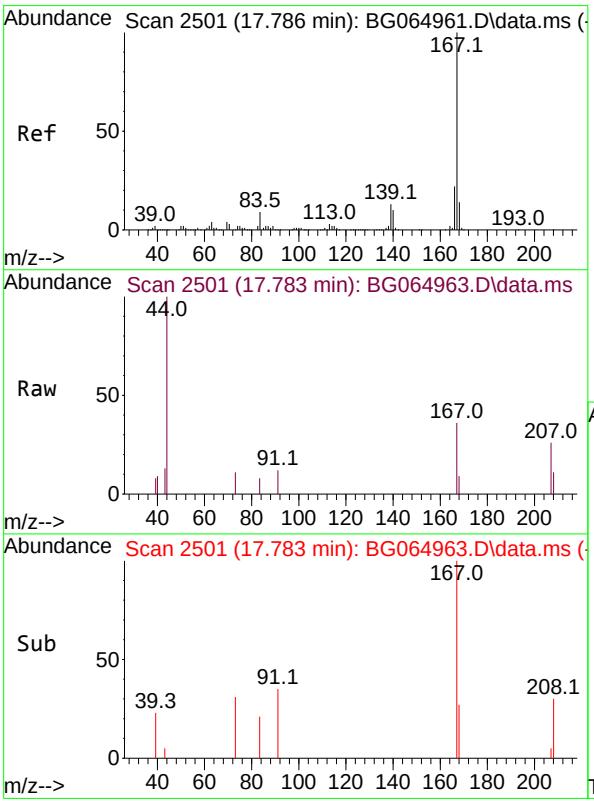

#72
Anthracene
Concen: 0.003 ng
RT: 17.524 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:178 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.1 | 22.7# |
| 179 | 0.0 | 12.0 | 18.0# |

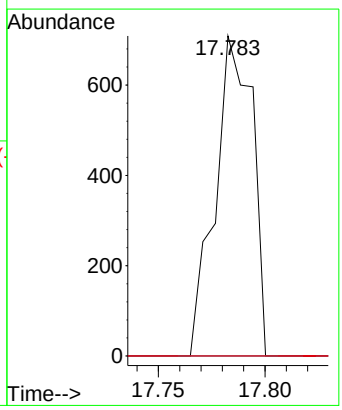


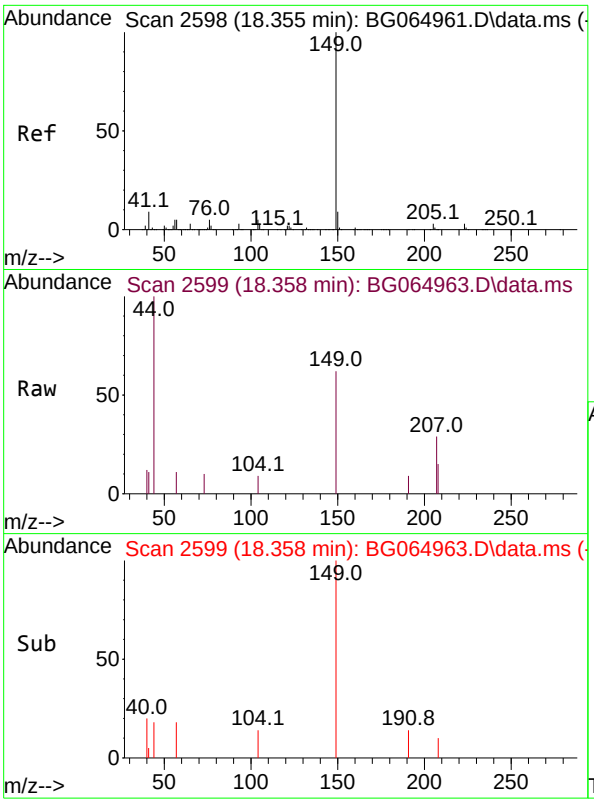




#73
Carbazole
Concen: 0.049 ng
RT: 17.783 min Scan# 2501
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:167 Resp: 864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 0.0 | 18.7 | 28.1# |
| 139 | 0.0 | 10.2 | 15.2# |



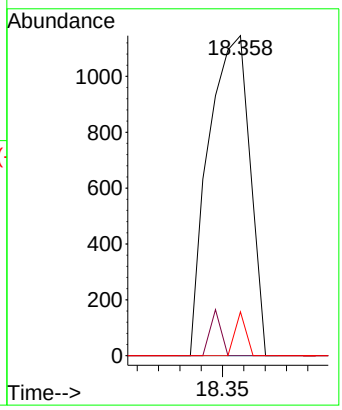


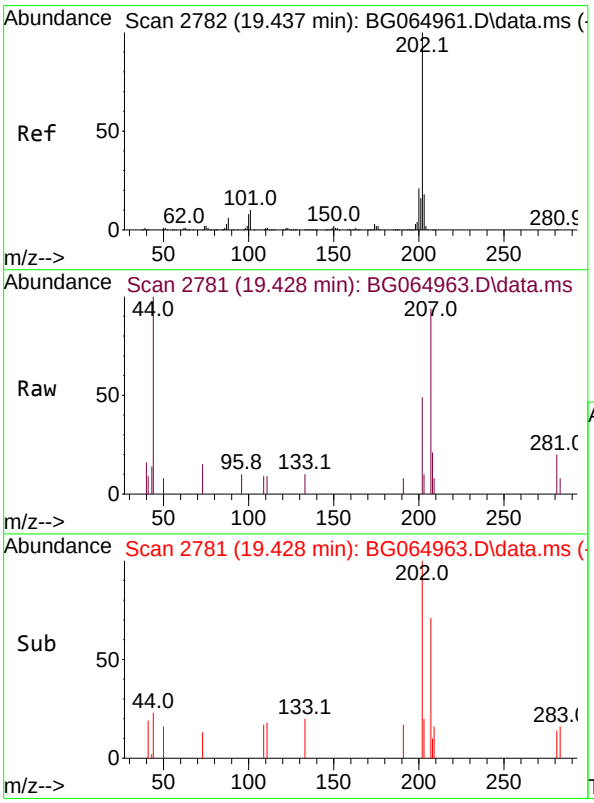

#74
Di-n-butylphthalate
Concen: 0.071 ng
RT: 18.358 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:149 Resp: 1537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.5 | 11.3# |
| 104 | 13.7 | 4.0 | 6.0# |

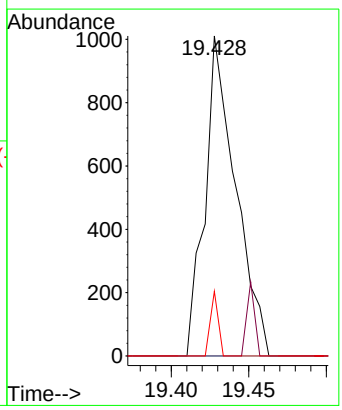


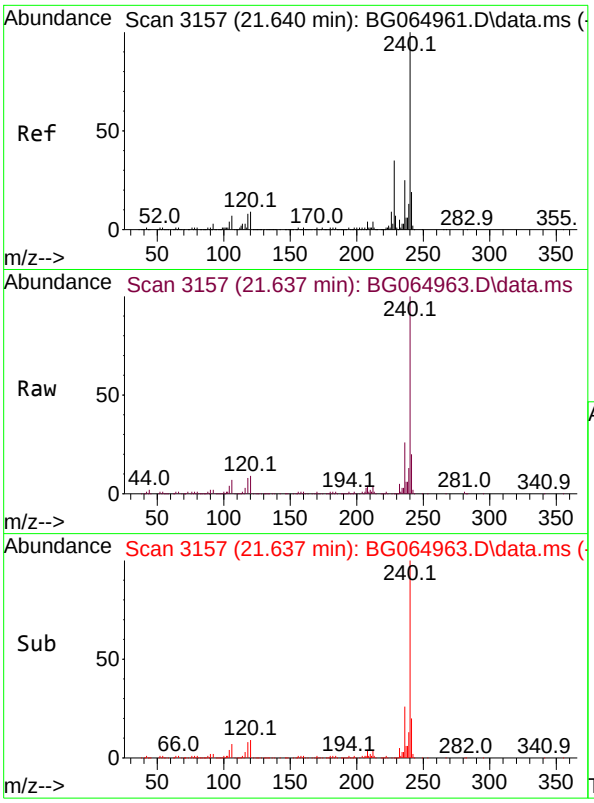




#75
Fluoranthene
Concen: 0.061 ng
RT: 19.428 min Scan# 2781
Delta R.T. -0.009 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:202 Resp: 1396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 0.0 | 30.6 |
| 203 | 20.2 | 0.0 | 38.3 |



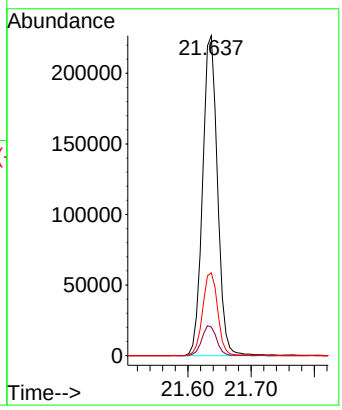


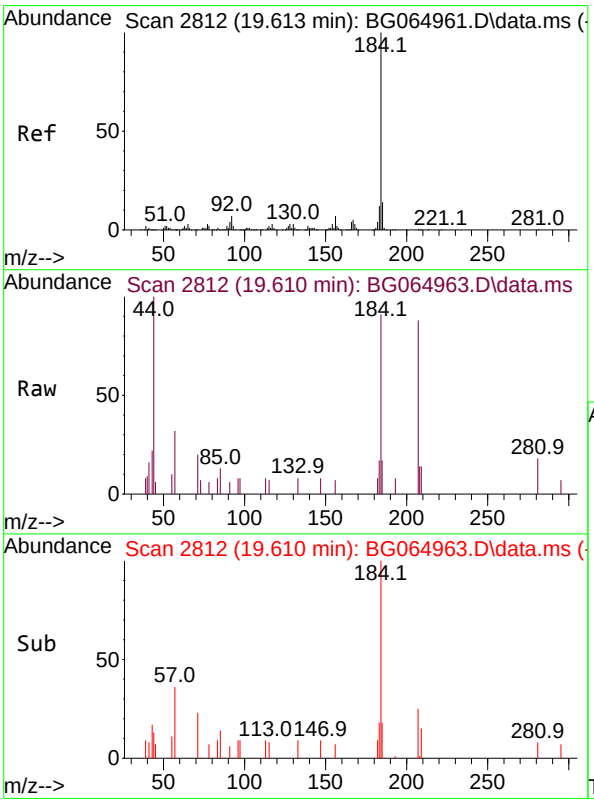

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:240 Resp: 370700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.9 | 6.9 | 10.3 |
| 236 | 25.9 | 20.8 | 31.2 |

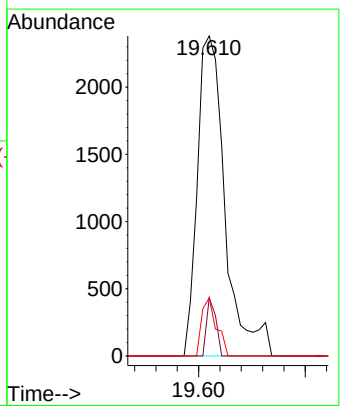


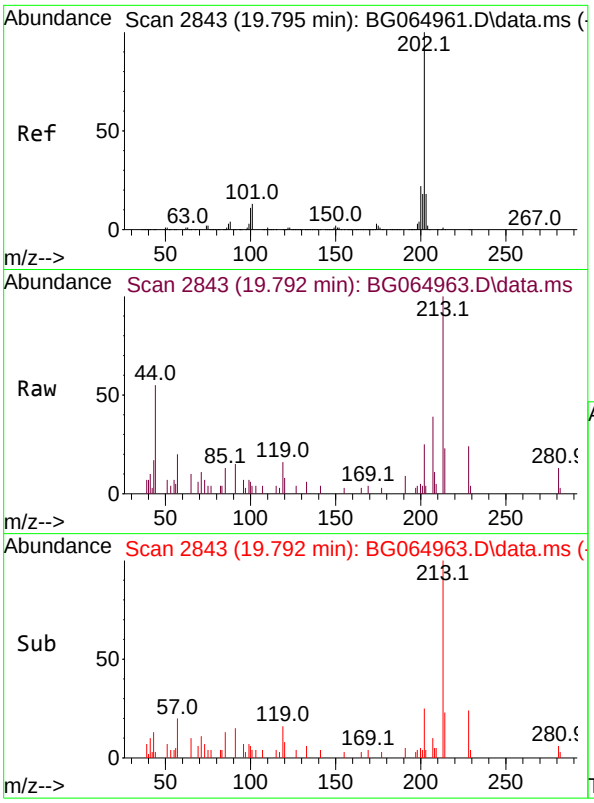




#77
Benzidine
Concen: 0.415 ng
RT: 19.610 min Scan# 2812
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:184 Resp: 4274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 18.2 | 11.1 | 16.7# |
| 183 | 18.1 | 9.9 | 14.9# |



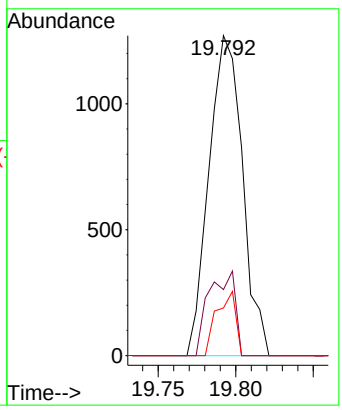


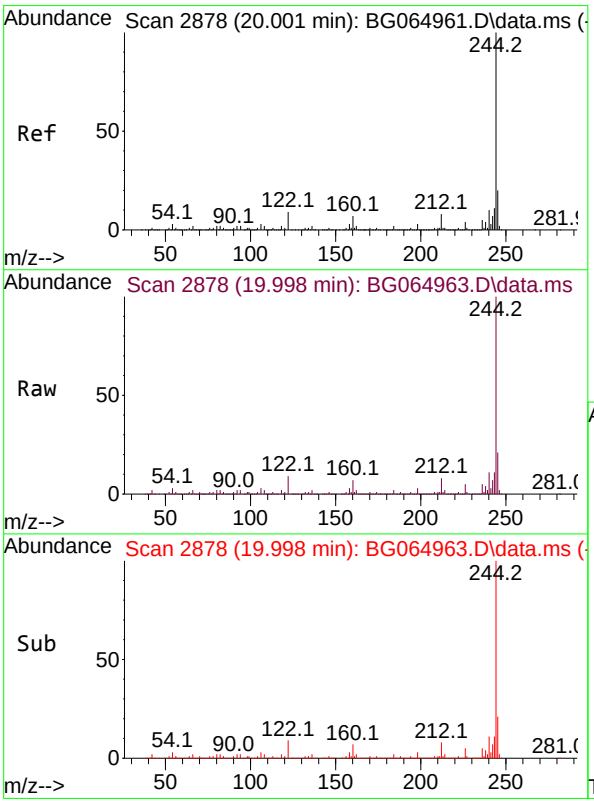

#78
Pyrene
Concen: 0.080 ng
RT: 19.792 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:202 Resp: 1916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 17.8 | 26.8 |
| 203 | 14.9 | 14.2 | 21.4 |

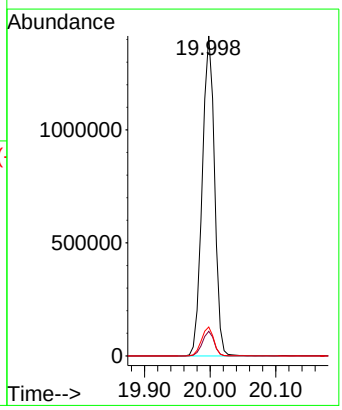


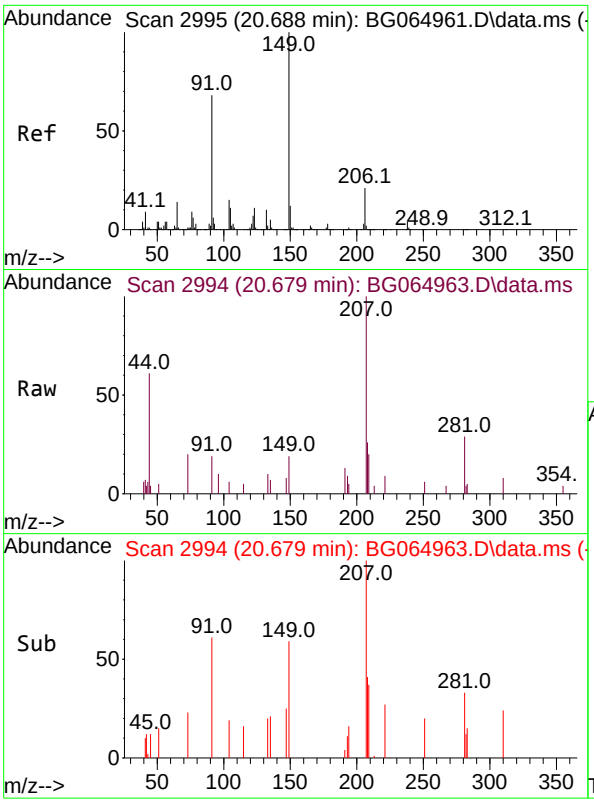




#79
Terphenyl-d14
Concen: 93.266 ng
RT: 19.998 min Scan# 2878
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:244 Resp: 1833788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.2 | 9.2 |
| 122 | 9.0 | 7.0 | 10.4 |



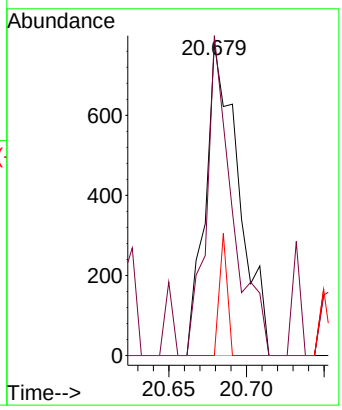


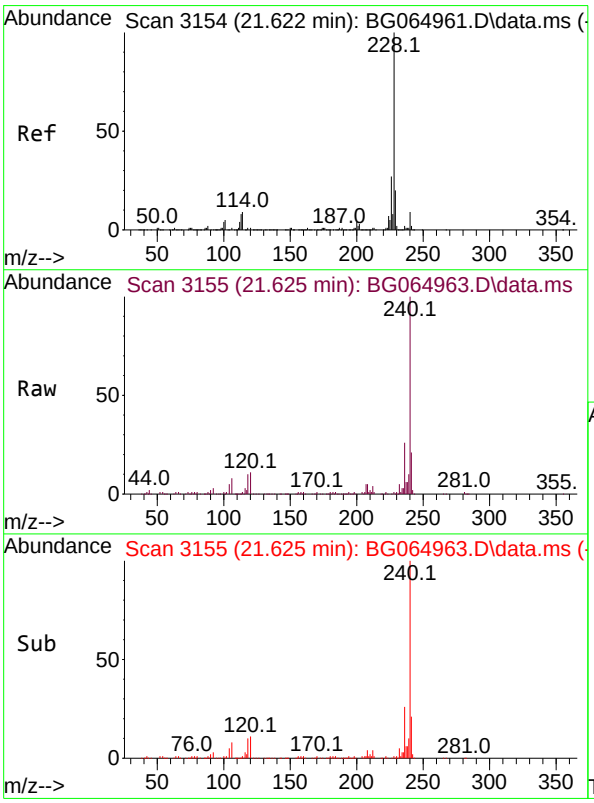

#80
Butylbenzylphthalate
Concen: 0.123 ng
RT: 20.679 min Scan# 29
Delta R.T. -0.009 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:149 Resp: 1178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 102.6 | 53.0 | 79.6# |
| 206 | 0.0 | 16.2 | 24.2# |

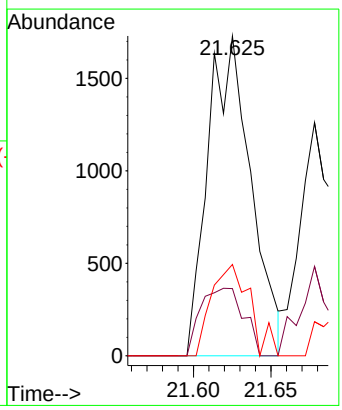


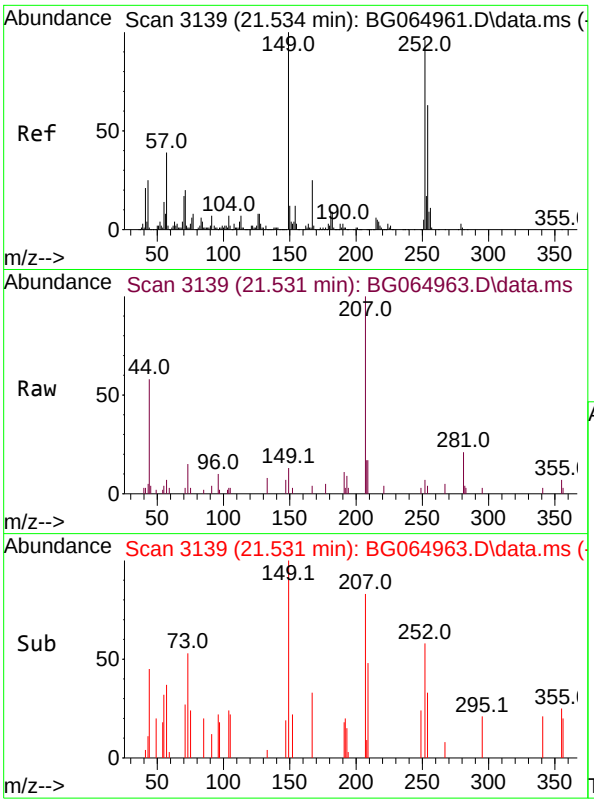




#81
Benzo(a)anthracene
Concen: 0.132 ng
RT: 21.625 min Scan# 3155
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:228 Resp: 3343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 21.0 | 22.2 | 33.4# |
| 229 | 28.6 | 16.0 | 24.0# |



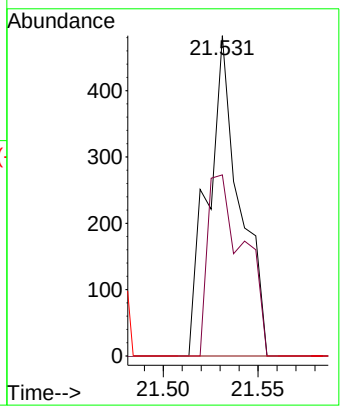


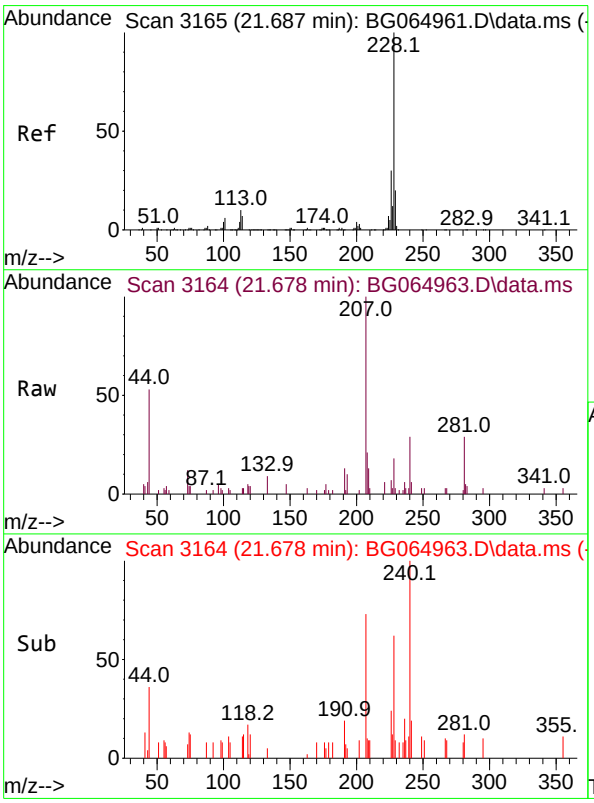

#82
3,3'-Dichlorobenzidine
Concen: 0.063 ng
RT: 21.531 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:252 Resp: 561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 56.5 | 51.3 | 76.9 |
| 126 | 0.0 | 7.4 | 11.2# |

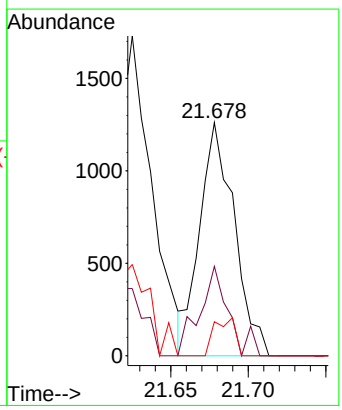


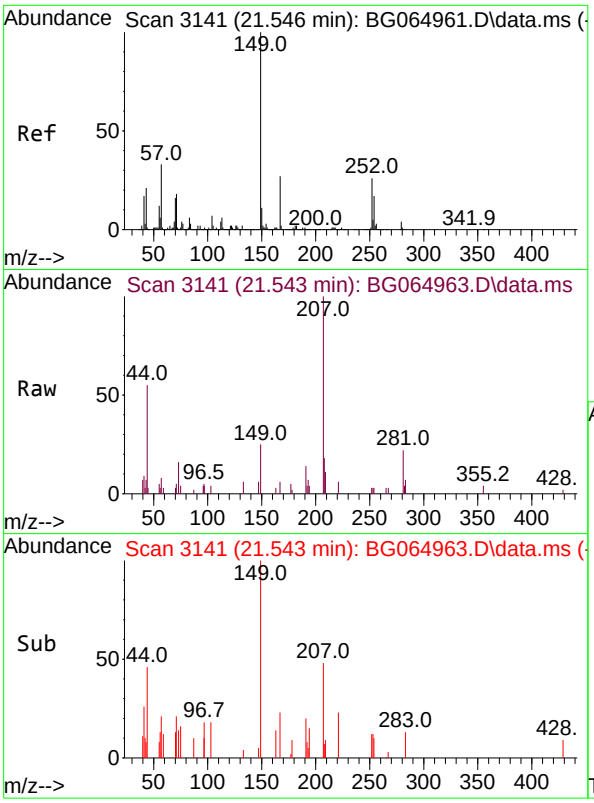




#83
Chrysene
Concen: 0.081 ng
RT: 21.678 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:228 Resp: 1963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 38.4 | 24.2 | 36.4# |
| 229 | 14.7 | 15.8 | 23.8# |



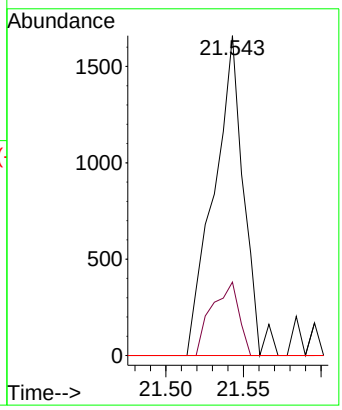


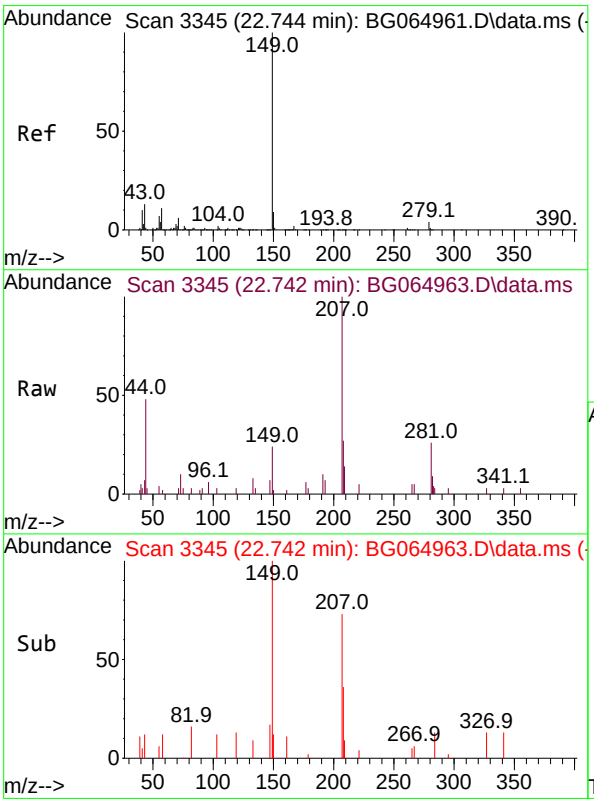

#84
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.543 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:149 Resp: 2228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 23.0 | 21.0 | 31.4 |
| 279 | 0.0 | 3.0 | 4.4# |

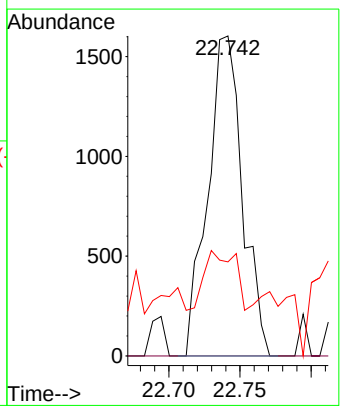


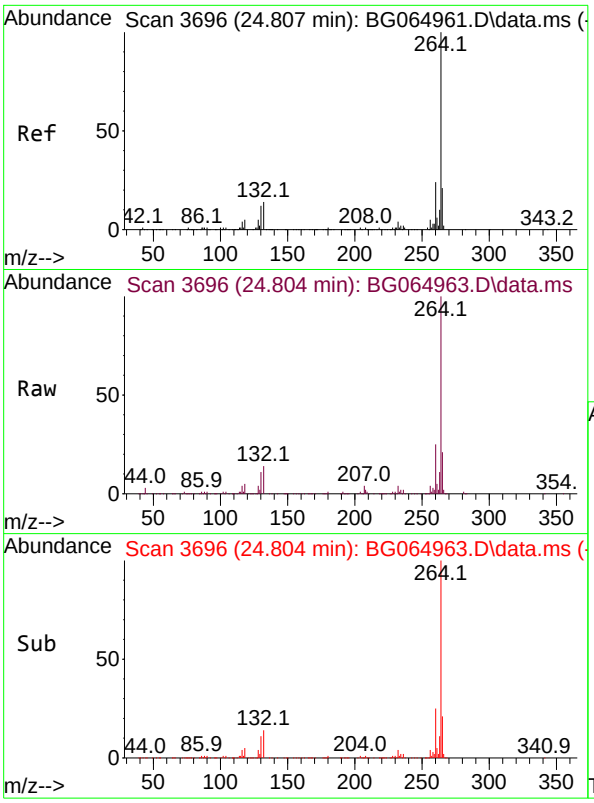




#85
Di-n-octyl phthalate
Concen: 0.108 ng
RT: 22.742 min Scan# 3345
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:149 Resp: 2723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.2 | 1.8# |
| 43 | 16.6 | 10.2 | 15.4# |



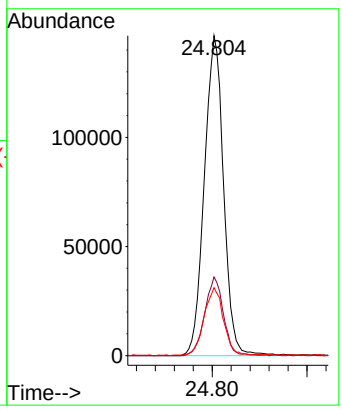


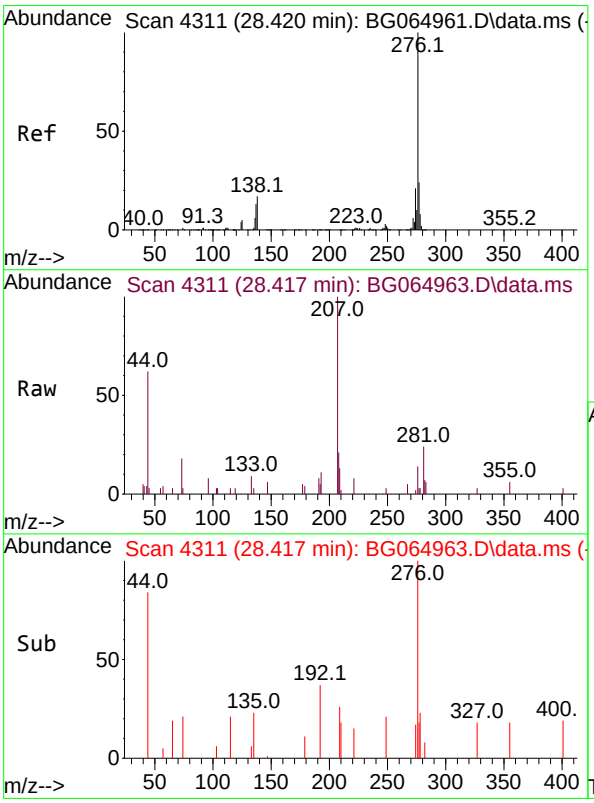

#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:264 Resp: 413458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 19.3 | 28.9 |
| 265 | 21.2 | 17.8 | 26.8 |

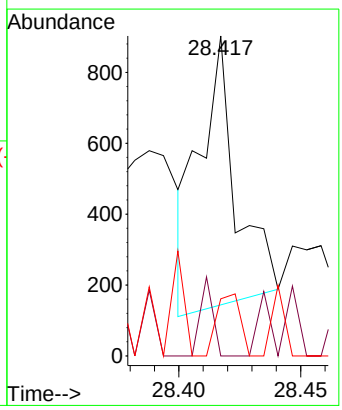


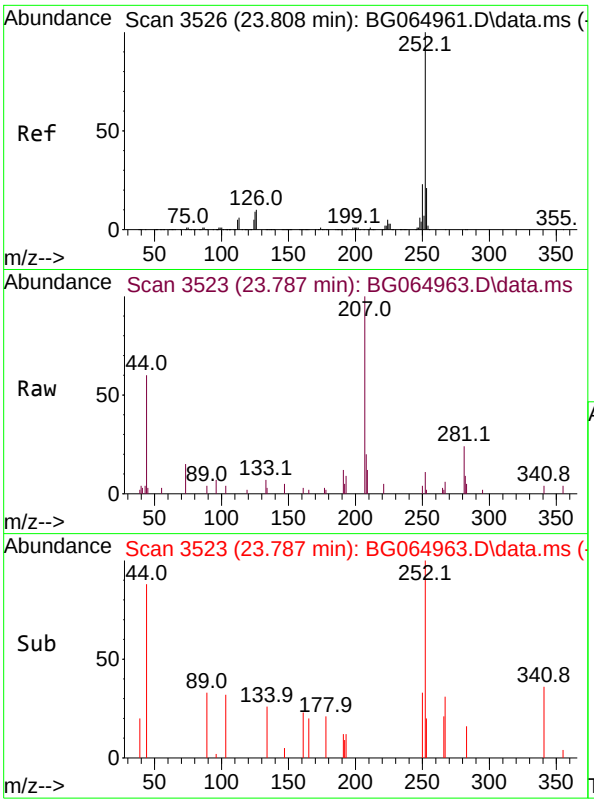




#87
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 28.417 min Scan# 4311
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:276 Resp: 795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.9 | 11.3 | 16.9# |
| 277 | 14.8 | 20.1 | 30.1# |



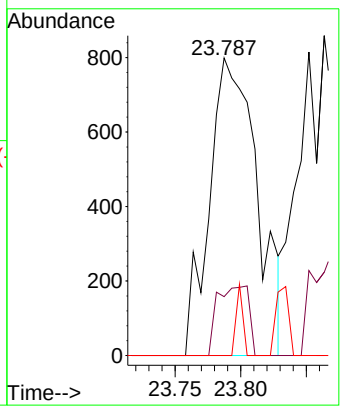


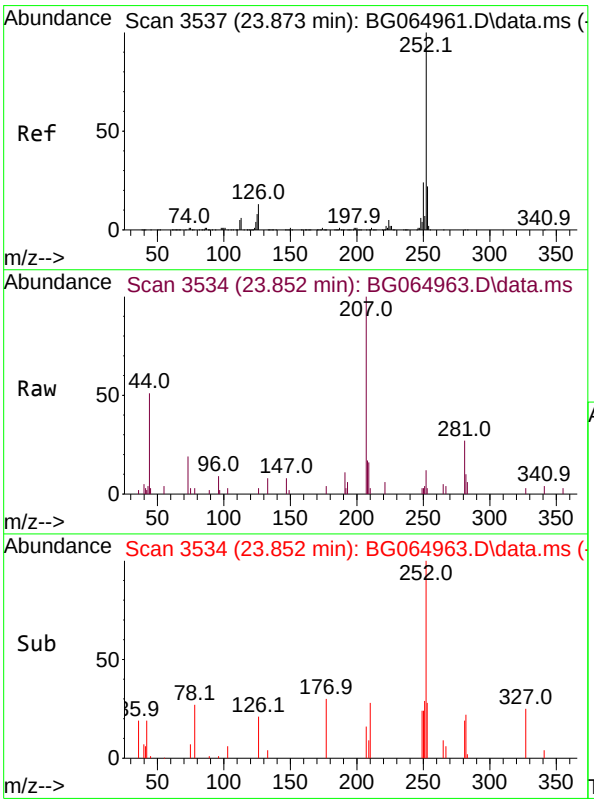

#88
Benzo(b)fluoranthene
Concen: 0.080 ng
RT: 23.787 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:252 Resp: 2030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 19.8 | 17.8 | 26.6 |
| 125 | 0.0 | 6.6 | 10.0# |

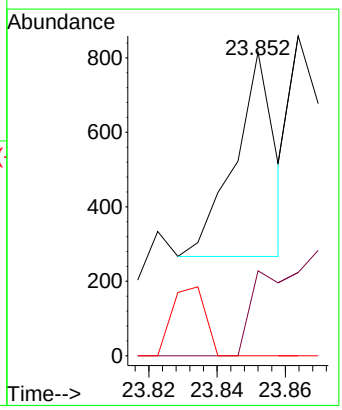


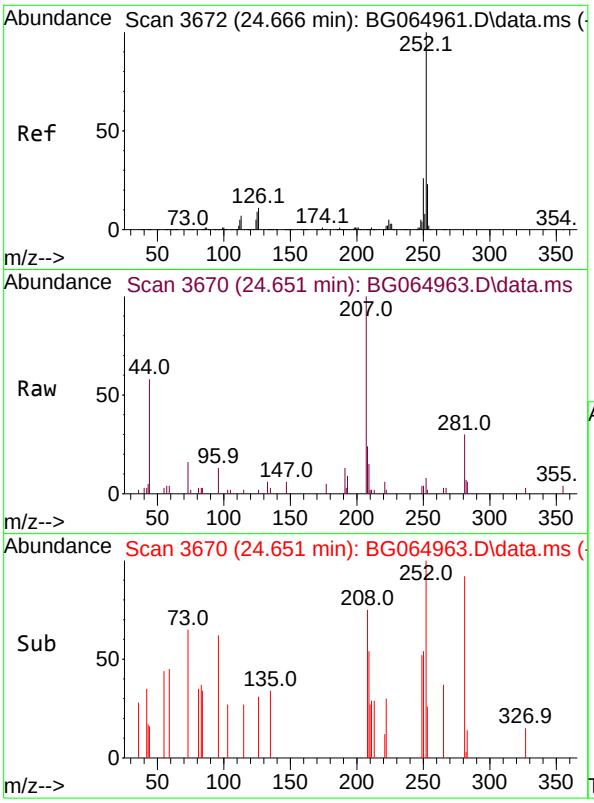




#89
Benzo(k)fluoranthene
Concen: 0.017 ng
RT: 23.852 min Scan# 3534
Delta R.T. -0.021 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:252 Resp: 444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.0 | 17.8 | 26.6# |
| 125 | 0.0 | 6.9 | 10.3# |



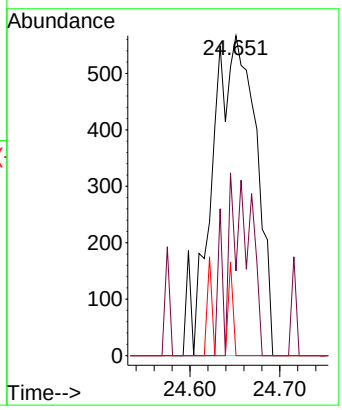


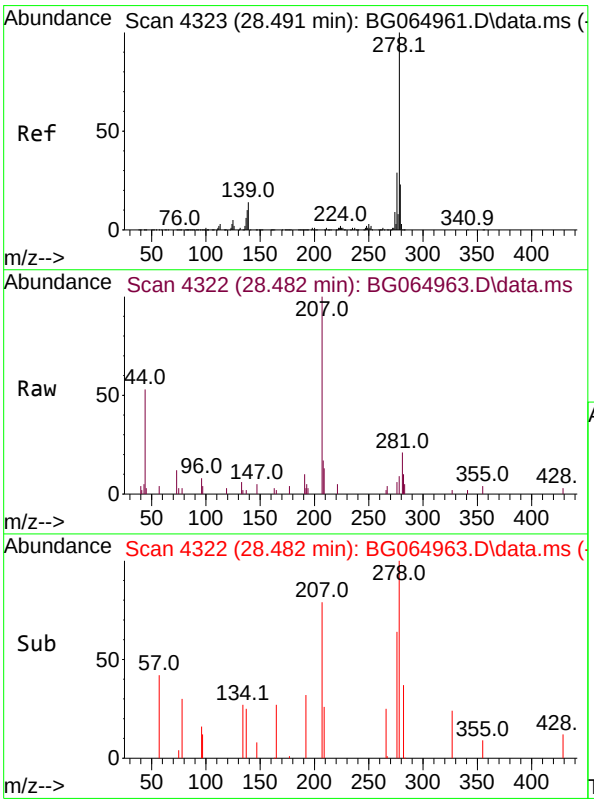

#90
Benzo(a)pyrene
Concen: 0.081 ng
RT: 24.651 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:252 Resp: 1947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.5 | 17.0 | 25.4# |
| 125 | 0.0 | 7.2 | 10.8# |

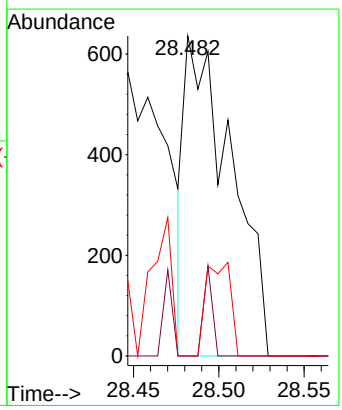


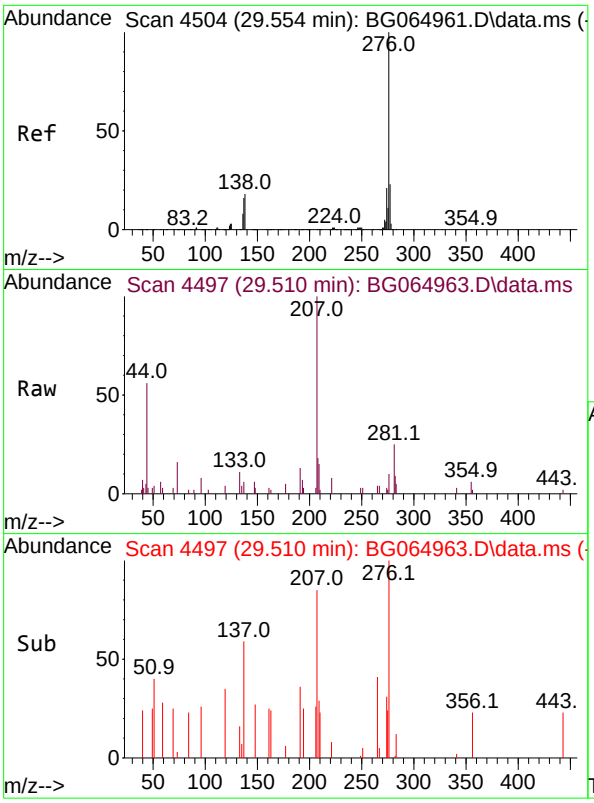




#91
Dibenzo(a,h)anthracene
Concen: 0.047 ng
RT: 28.482 min Scan# 4322
Delta R.T. -0.009 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:278 Resp: 1200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 10.6 | 15.8# |
| 279 | 0.0 | 19.0 | 28.6# |






#92
Benzo(g,h,i)perylene
Concen: 0.030 ng
RT: 29.510 min Scan# 44
Delta R.T. -0.044 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

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

Tgt Ion:276 Resp: 743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 0.0 | 18.2 | 27.2# |
| 138 | 0.0 | 15.0 | 22.4# |