Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137071.D
Acq On : 15 Jan 2024 19:06
Operator : CG\JU
Sample : P1140-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Quant Time: Jan 16 02:02:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.787 | 152 | 46052 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.063 | 136 | 160331 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.816 | 164 | 74091 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.310 | 188 | 142544 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.974 | 240 | 135428 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.463 | 264 | 131630 | 20.000 | ng | | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 237425 | 80.442 | ng | | 0.00 |
| 7) Phenol-d6 | 6.434 | 99 | 283218 | 74.055 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.345 | 82 | 171181 | 54.634 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.616 | 330 | 74873 | 85.806 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.139 | 172 | 329643 | 59.841 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.904 | 244 | 410858 | 42.396 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.599 | 88 | 51255 | 41.678 | ng | | 94 |
| 3) Pyridine | 3.363 | 79 | 114843 | 38.274 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.328 | 42 | 61629 | 38.462 | ng | | 97 |
| 6) Aniline | 6.451 | 93 | 82360 | 21.539 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.581 | 128 | 124598 | 38.576 | ng | | 90 |
| 9) Benzaldehyde | 6.345 | 77 | 17097 | 7.859 | ng | | 97 |
| 10) Phenol | 6.451 | 94 | 149023 | 36.502 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.522 | 93 | 117074 | 37.708 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.728 | 146 | 136730 | 38.805 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.804 | 146 | 138178 | 38.380 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 6.951 | 146 | 130395 | 38.923 | ng | | 97 |
| 15) Benzyl Alcohol | 6.934 | 79 | 98244 | 38.077 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063 | 45 | 183350 | 36.120 | ng | | 93 |
| 17) 2-Methylphenol | 7.051 | 107 | 95246 | 35.596 | ng | | 94 |
| 18) Hexachloroethane | 7.287 | 117 | 48744 | 37.280 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.198 | 70 | 84353 | 36.385 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.204 | 107 | 120502 | 36.047 | ng | # | 57 |
| 22) Acetophenone | 7.192 | 105 | 172636 | 42.958 | ng | # | 87 |
| 24) Nitrobenzene | 7.369 | 77 | 121015 | 38.556 | ng | | 91 |
| 25) Isophorone | 7.604 | 82 | 218813 | 38.380 | ng | | 99 |
| 26) 2-Nitrophenol | 7.681 | 139 | 60738 | 40.447 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.722 | 122 | 90517 | 49.511 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 7.810 | 93 | 137142 | 39.573 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.928 | 162 | 92749 | 39.406 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.004 | 180 | 105193 | 40.113 | ng | | 99 |
| 31) Naphthalene | 8.081 | 128 | 350206 | 39.759 | ng | | 99 |
| 32) Benzoic acid | 7.857 | 122 | 58386 | 33.007 | ng | | 98 |
| 33) 4-Chloroaniline | 8.139 | 127 | 31738 | 9.759 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.192 | 225 | 62775 | 39.400 | ng | | 98 |
| 35) Caprolactam | 8.504 | 113 | 29487 | 37.976 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.634 | 107 | 95485 | 36.036 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.775 | 142 | 212106 | 37.417 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.875 | 142 | 202793 | 36.464 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.939 | 216 | 105747 | 46.086 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.922 | 237 | 25342 | 37.416 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.063 | 196 | 61123 | 41.537 | ng | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137071.D
Acq On : 15 Jan 2024 19:06
Operator : CG\JU
Sample : P1140-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Quant Time: Jan 16 02:02:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

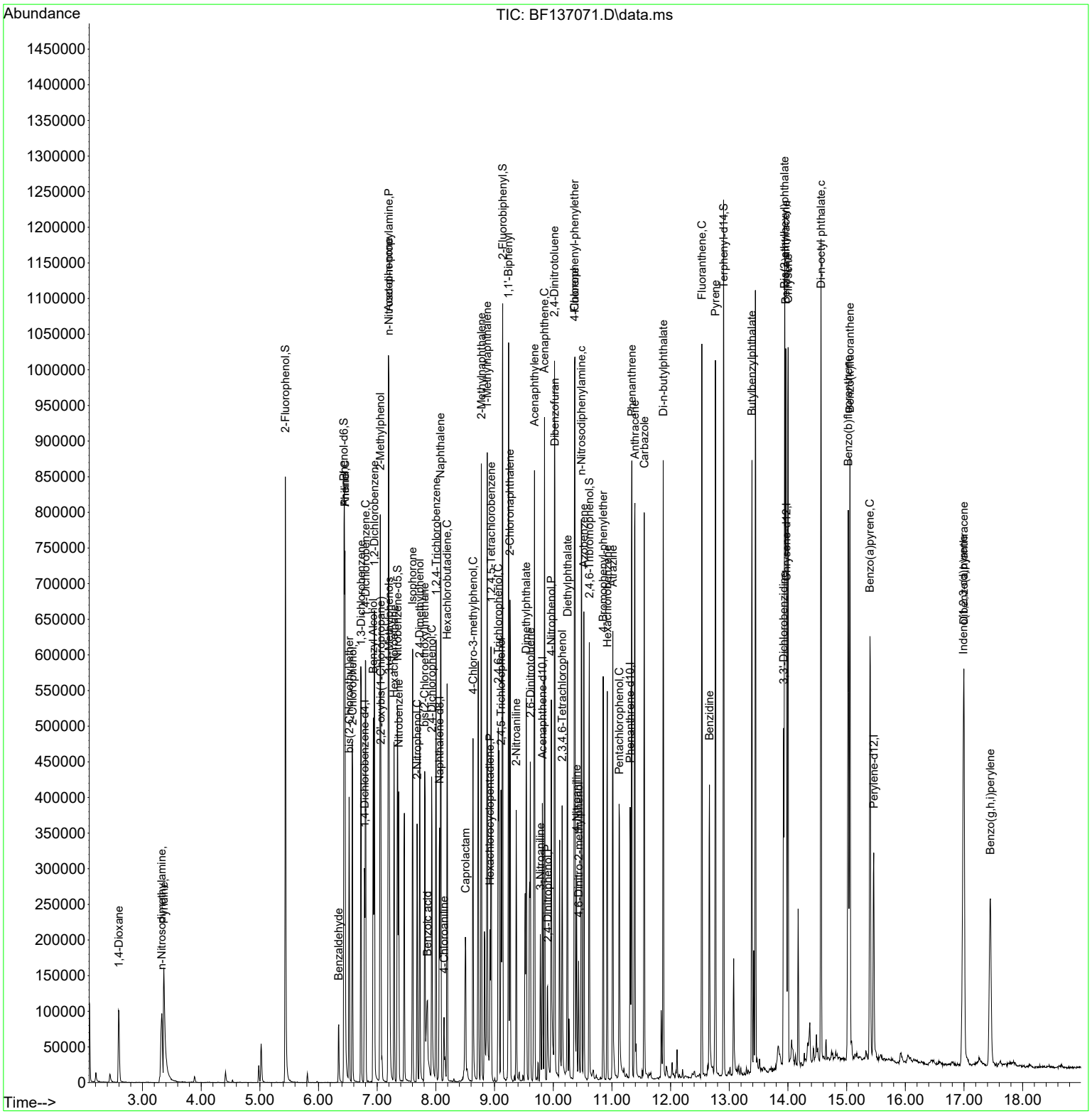
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.110 | 196 | 64971 | 39.621 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.239 | 154 | 276997 | 44.552 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.263 | 162 | 196798 | 41.637 | ng | 100 |
| 48) 2-Nitroaniline | 9.369 | 65 | 56990 | 38.504 | ng | 92 |
| 49) Acenaphthylene | 9.681 | 152 | 325835 | 45.102 | ng | 99 |
| 50) Dimethylphthalate | 9.539 | 163 | 225633 | 41.693 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.610 | 165 | 49381 | 40.206 | ng | 93 |
| 52) Acenaphthene | 9.851 | 154 | 182752 | 40.808 | ng | 97 |
| 53) 3-Nitroaniline | 9.781 | 138 | 30228 | 23.233 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.904 | 184 | 24303 | 37.771 | ng | 94 |
| 55) Dibenzofuran | 10.028 | 168 | 279576 | 41.184 | ng | 98 |
| 56) 4-Nitrophenol | 9.969 | 139 | 51677 | 58.838 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 10.022 | 165 | 61406 | 38.512 | ng | 95 |
| 58) Fluorene | 10.369 | 166 | 225603 | 41.884 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232 | 52343 | 41.466 | ng | 94 |
| 60) Diethylphthalate | 10.245 | 149 | 229063 | 40.794 | ng | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204 | 109475 | 41.814 | ng | 94 |
| 62) 4-Nitroaniline | 10.398 | 138 | 42827 | 34.146 | ng | 89 |
| 63) Azobenzene | 10.522 | 77 | 208372 | 39.732 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.433 | 198 | 21516 | 26.338 | ng | 93 |
| 66) n-Nitrosodiphenylamine | 10.480 | 169 | 195151 | 42.145 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.851 | 248 | 63938 | 40.389 | ng | 100 |
| 68) Hexachlorobenzene | 10.922 | 284 | 71366 | 40.453 | ng | 100 |
| 69) Atrazine | 11.016 | 200 | 61823 | 52.200 | ng | 97 |
| 70) Pentachlorophenol | 11.128 | 266 | 55583 | 67.594 | ng | 97 |
| 71) Phenanthrene | 11.339 | 178 | 318220 | 43.508 | ng | 99 |
| 72) Anthracene | 11.392 | 178 | 327438 | 44.206 | ng | 99 |
| 73) Carbazole | 11.551 | 167 | 305122 | 43.691 | ng | 99 |
| 74) Di-n-butylphthalate | 11.875 | 149 | 403116 | 47.305 | ng | 99 |
| 75) Fluoranthene | 12.533 | 202 | 385617 | 49.290 | ng | 96 |
| 77) Benzidine | 12.663 | 184 | 171651 | 42.986 | ng | 99 |
| 78) Pyrene | 12.763 | 202 | 409603 | 30.810 | ng | 100 |
| 80) Butylbenzylphthalate | 13.386 | 149 | 188135 | 38.891 | ng | 96 |
| 81) Benzo(a)anthracene | 13.963 | 228 | 398974 | 42.426 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.927 | 252 | 103752 | 38.849 | ng | 97 |
| 83) Chrysene | 14.004 | 228 | 371538 | 40.402 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149 | 289711 | 47.599 | ng | 96 |
| 85) Di-n-octyl phthalate | 14.563 | 149 | 523645 | 55.619 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.992 | 276 | 295854 | 31.130 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.027 | 252 | 373068 | 42.434 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.057 | 252 | 348658 | 41.970 | ng | 99 |
| 90) Benzo(a)pyrene | 15.398 | 252 | 304627 | 41.049 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.998 | 278 | 249097 | 31.948 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.451 | 276 | 220313 | 27.588 | ng | 99 |

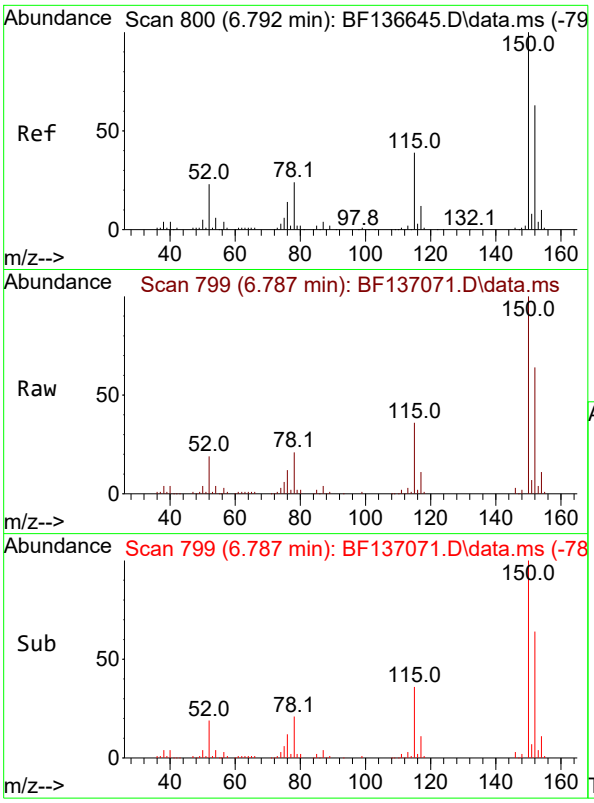
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137071.D
Acq On : 15 Jan 2024 19:06
Operator : CG\JU
Sample : P1140-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Quant Time: Jan 16 02:02:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



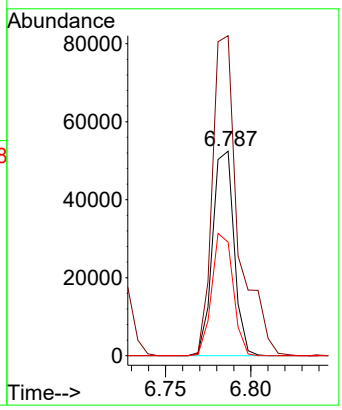


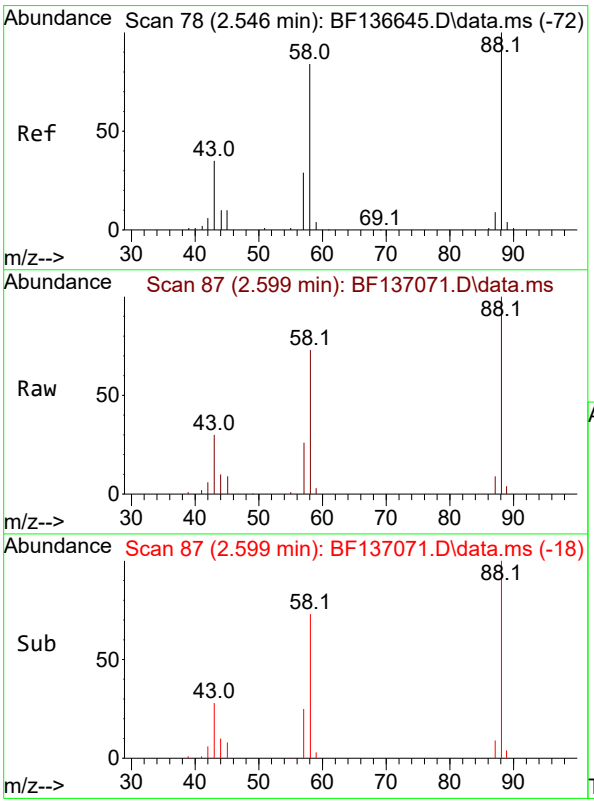

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:152 Resp: 46052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 127.0 | 190.6 |
| 115 | 55.6 | 49.0 | 73.4 |

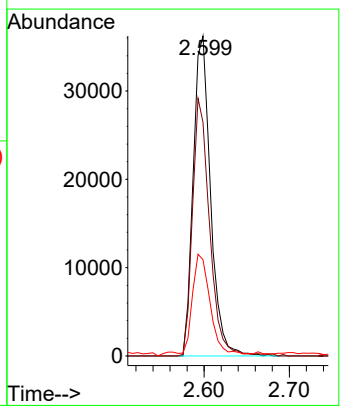


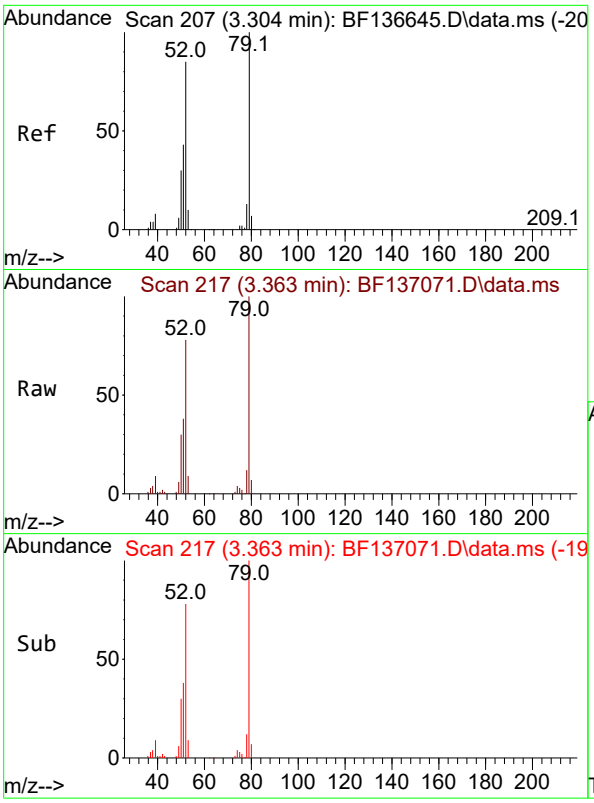




#2
1,4-Dioxane
Concen: 41.678 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.053 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion: 88 Resp: 51255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.6 | 67.4 | 101.0 |
| 43 | 31.8 | 27.7 | 41.5 |



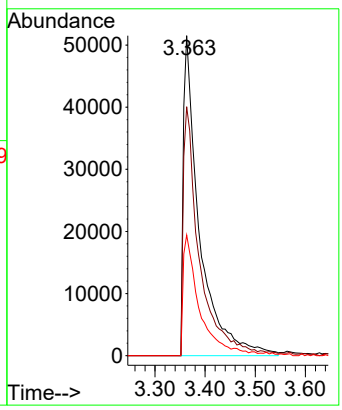


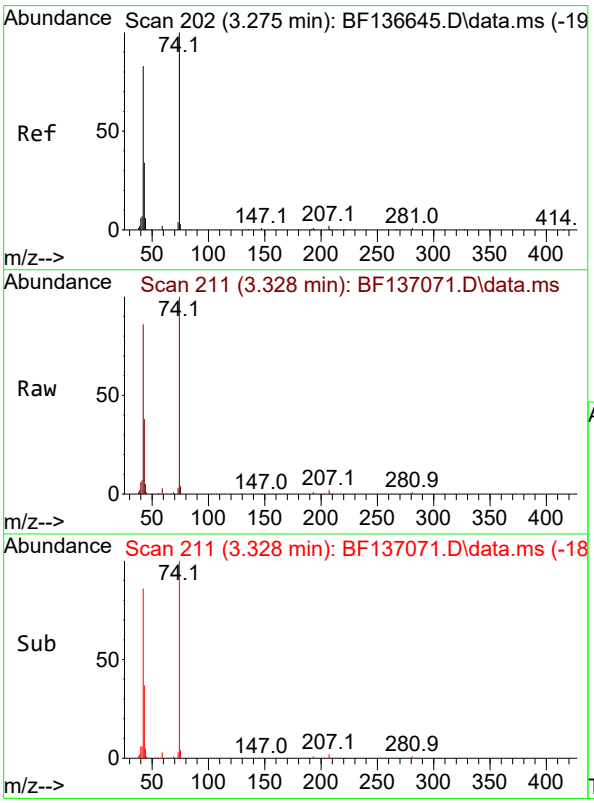

#3
Pyridine
Concen: 38.274 ng
RT: 3.363 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 79 Resp: 114843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 77.8 | 67.7 | 101.5 |
| 51 | 37.7 | 34.0 | 51.0 |

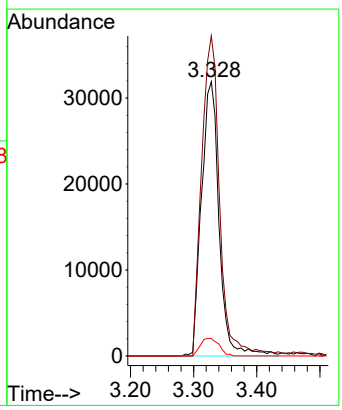


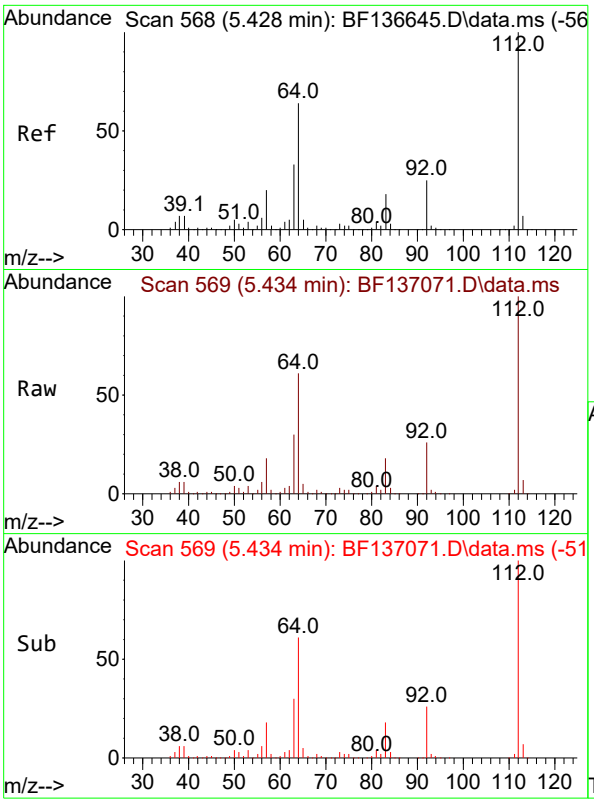




#4
n-Nitrosodimethylamine
Concen: 38.462 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion: 42 Resp: 61629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 116.7 | 96.0 | 144.0 |
| 44 | 6.4 | 5.4 | 8.2 |



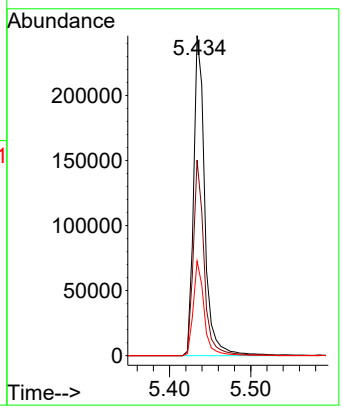


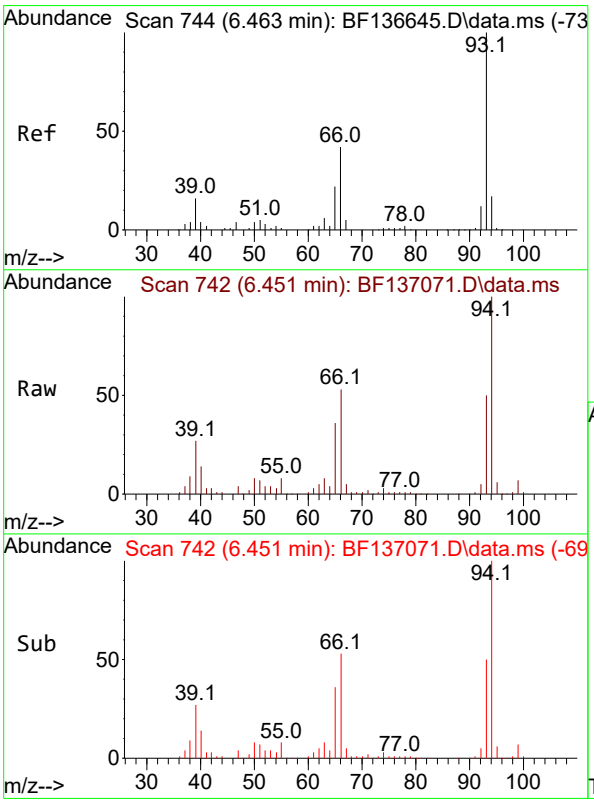

#5
2-Fluorophenol
Concen: 80.442 ng
RT: 5.434 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:112 Resp: 237425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.1 | 51.1 | 76.7 |
| 63 | 29.5 | 26.1 | 39.1 |

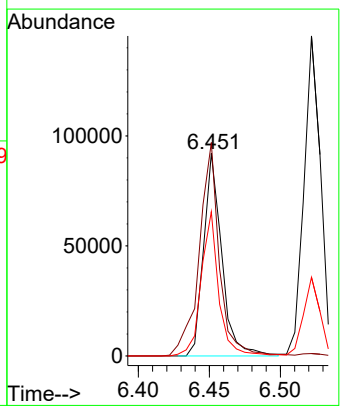


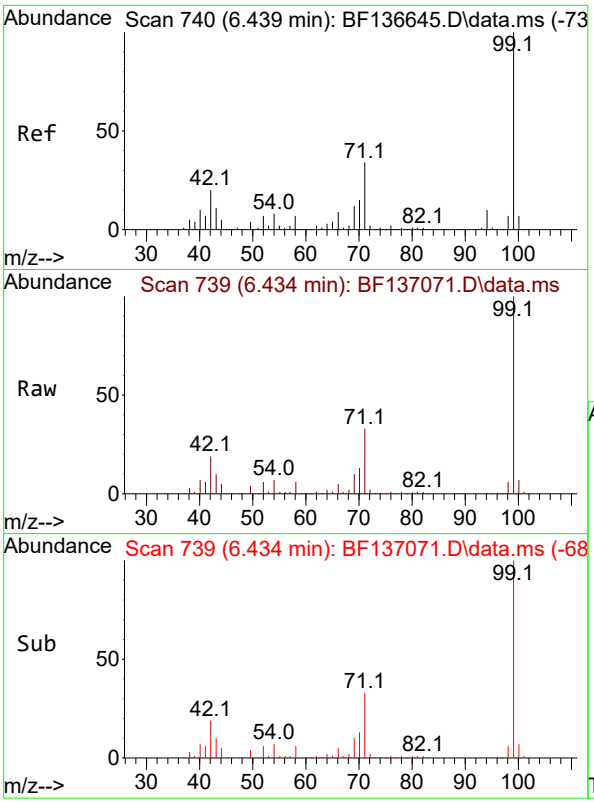




#6
Aniline
Concen: 21.539 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion: 93 Resp: 82360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 105.4 | 34.6 | 51.8# |
| 65 | 71.2 | 17.8 | 26.8# |



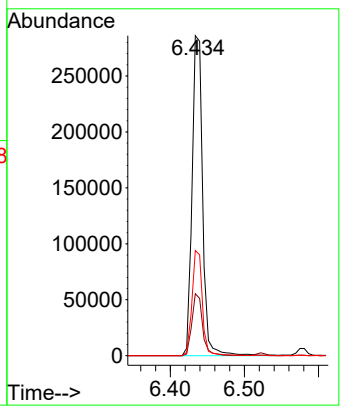


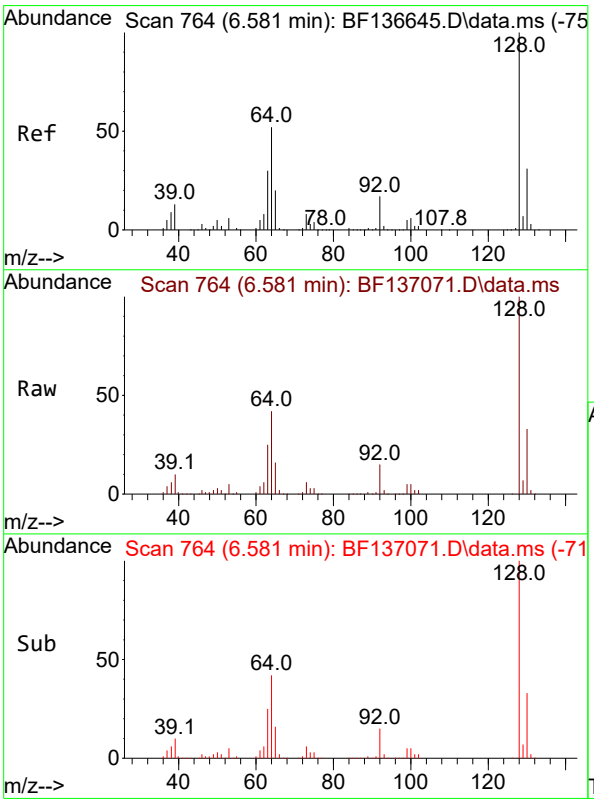

#7
Phenol-d6
Concen: 74.055 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 99 Resp: 283218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.4 | 16.1 | 24.1 |
| 71 | 32.8 | 27.4 | 41.2 |

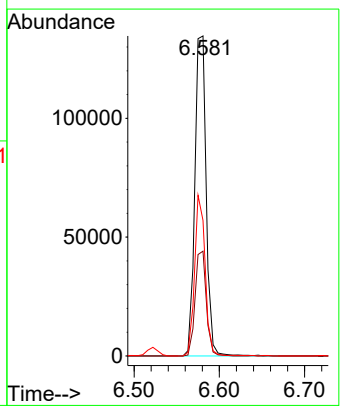


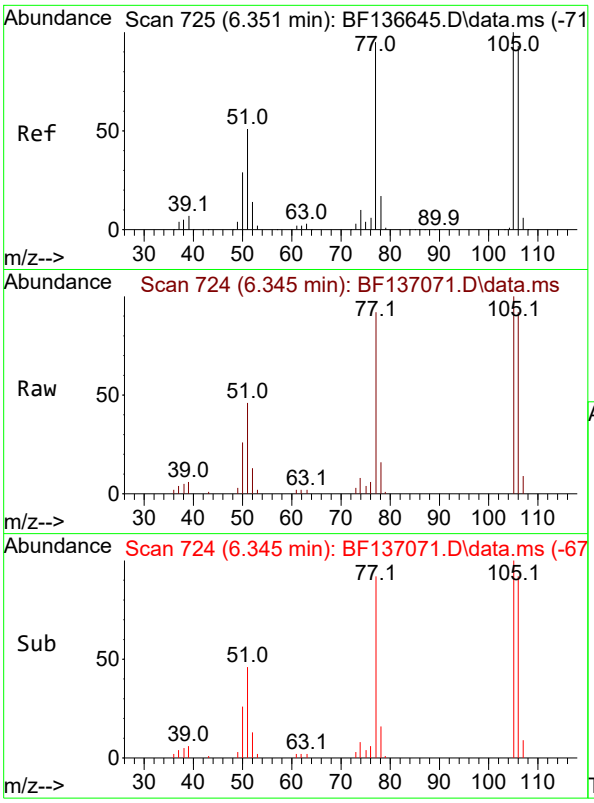




#8
2-Chlorophenol
Concen: 38.576 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:128 Resp: 124598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 11.3 | 51.3 |
| 64 | 42.4 | 32.5 | 72.5 |



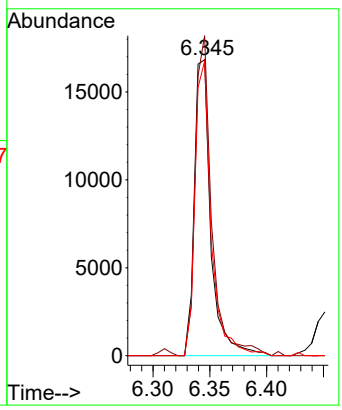


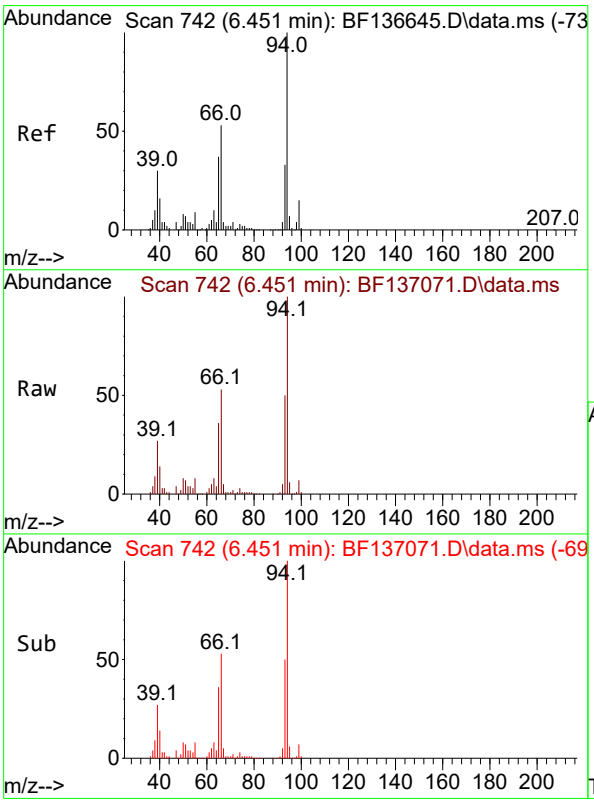

#9
Benzaldehyde
Concen: 7.859 ng
RT: 6.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 77 Resp: 17097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 108.1 | 84.8 | 124.8 |
| 106 | 99.5 | 77.8 | 117.8 |

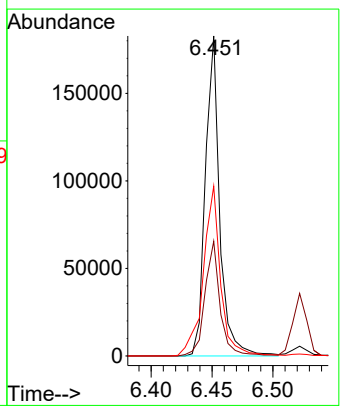


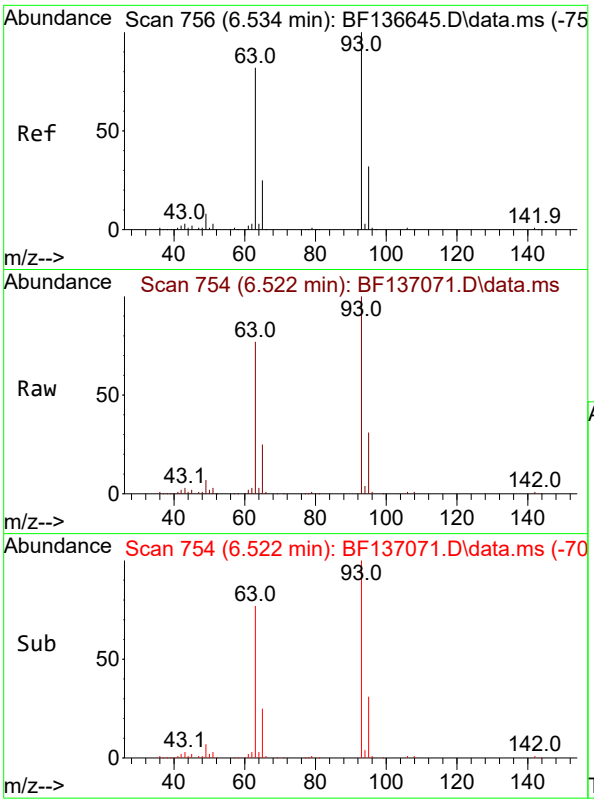




#10
Phenol
Concen: 36.502 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion: 94 Resp: 149023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.8 | 16.6 | 56.6 |
| 66 | 53.1 | 32.6 | 72.6 |



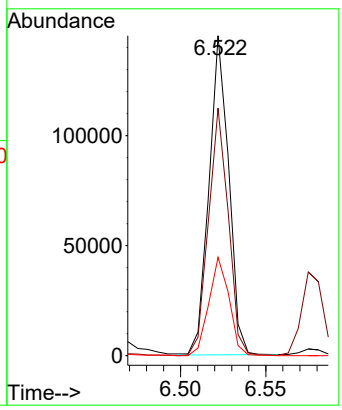


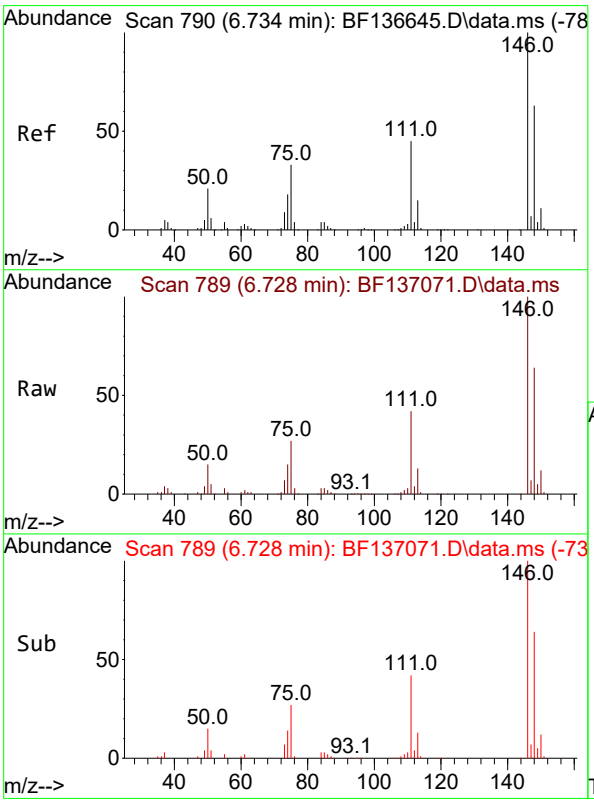

#11
bis(2-Chloroethyl)ether
Concen: 37.708 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 93 Resp: 117074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.4 | 61.2 | 101.2 |
| 95 | 30.8 | 11.6 | 51.6 |

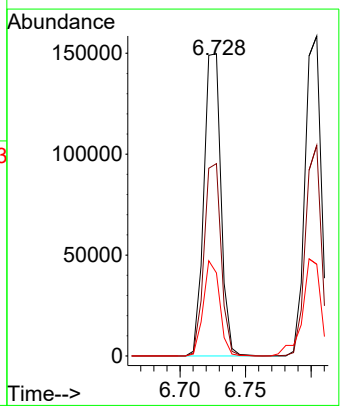


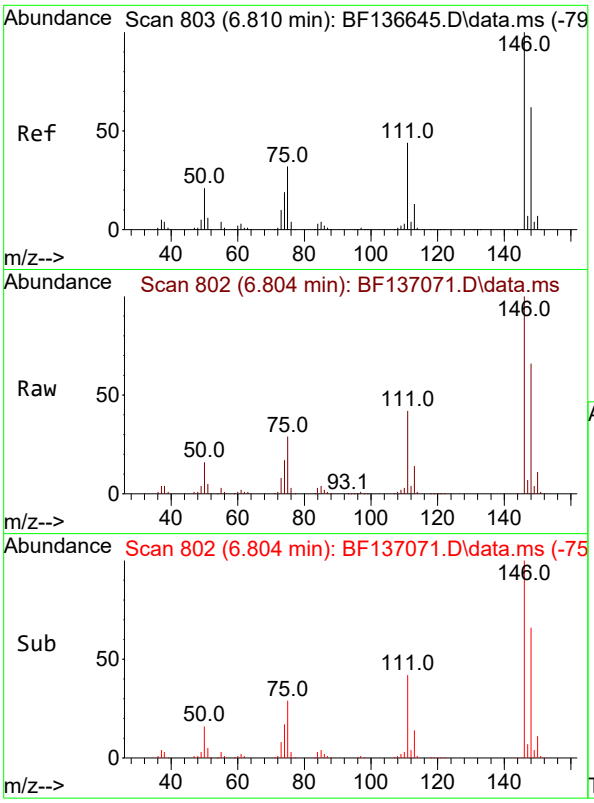




#12
1,3-Dichlorobenzene
Concen: 38.805 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:146 Resp: 136730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.5 | 75.7 |
| 75 | 27.5 | 26.2 | 39.4 |



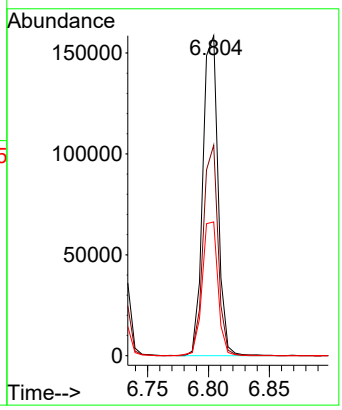


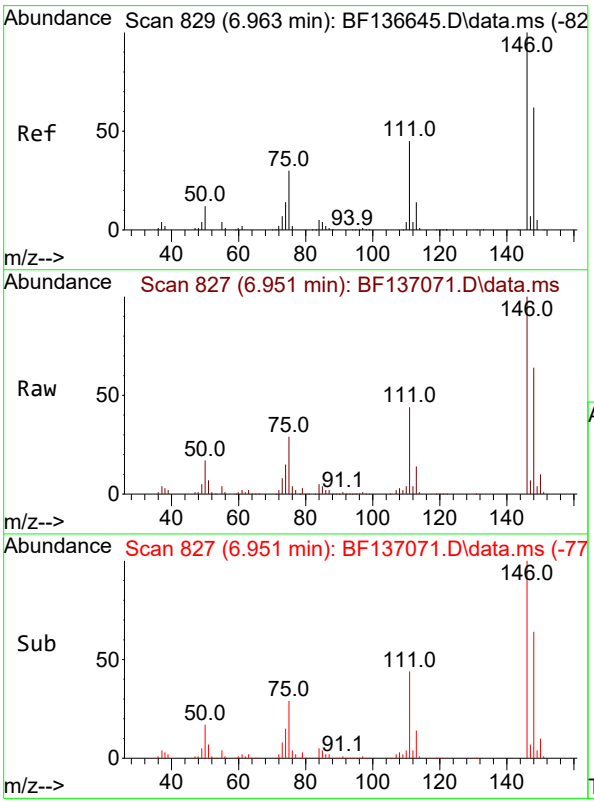

#13
1,4-Dichlorobenzene
Concen: 38.380 ng
RT: 6.804 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:146 Resp: 138178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.8 | 49.2 | 73.8 |
| 111 | 41.8 | 35.2 | 52.8 |

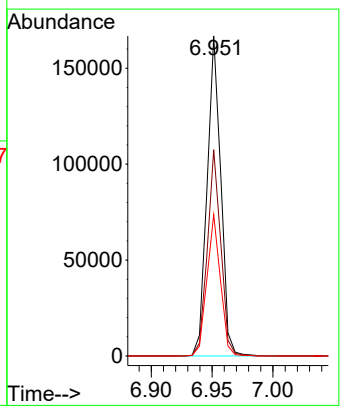


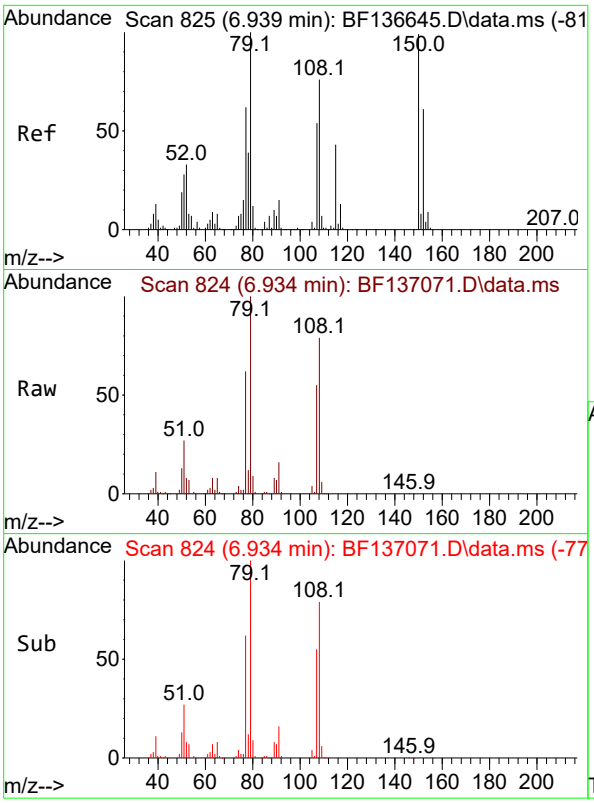




#14
1,2-Dichlorobenzene
Concen: 38.923 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:146 Resp: 130395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 49.6 | 74.4 |
| 111 | 44.1 | 36.2 | 54.2 |



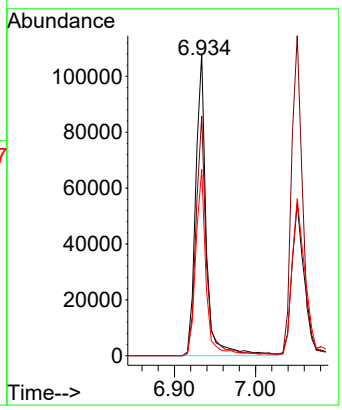


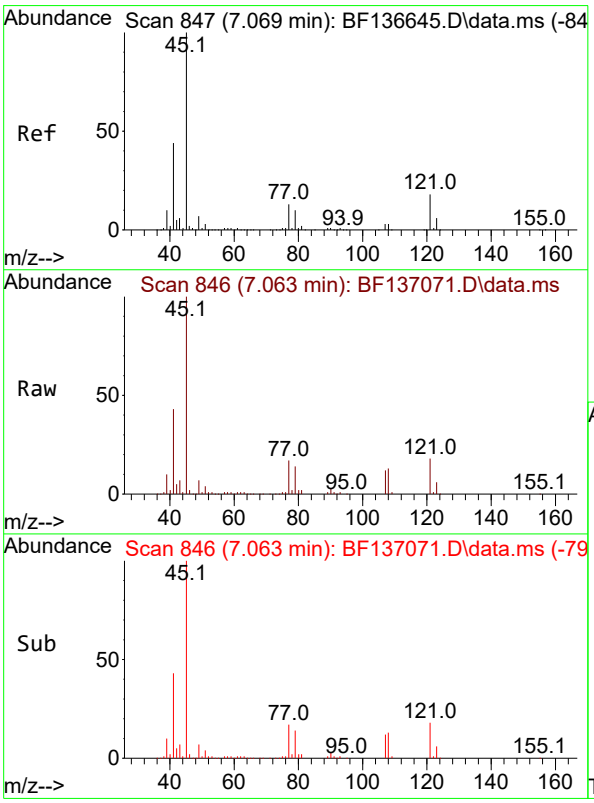

#15
Benzyl Alcohol
Concen: 38.077 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 79 Resp: 98244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.3 | 61.0 | 91.6 |
| 77 | 61.6 | 49.8 | 74.8 |

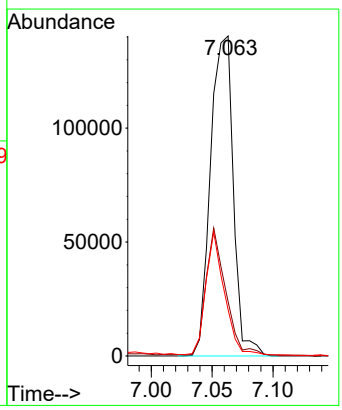


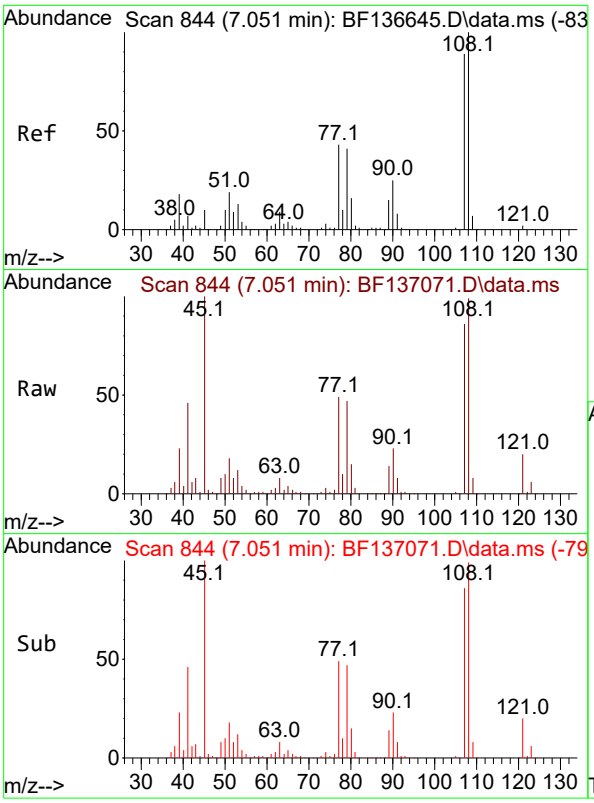




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.120 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion: 45 Resp: 183350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 17.0 | 0.0 | 34.3 |
| 79 | 14.4 | 0.0 | 31.4 |



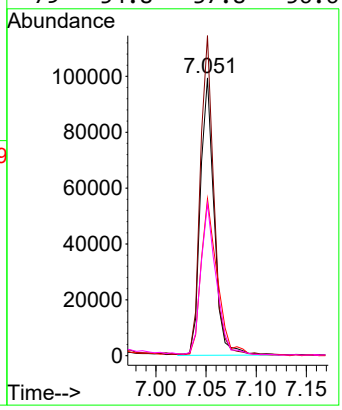


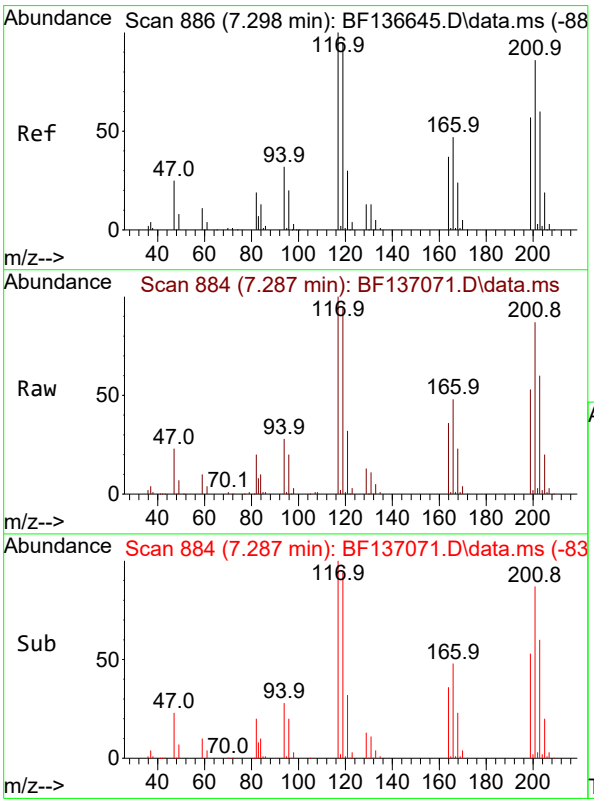

#17
2-Methylphenol
Concen: 35.596 ng
RT: 7.051 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:107 Resp: 95246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.2 | 90.3 | 135.5 |
| 77 | 56.5 | 38.7 | 58.1 |
| 79 | 54.8 | 37.8 | 56.6 |

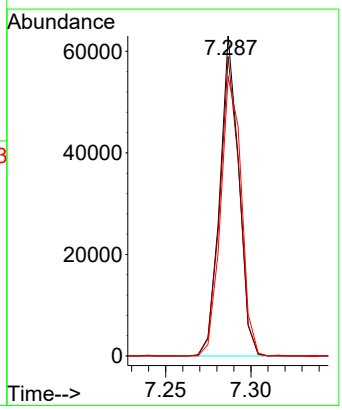


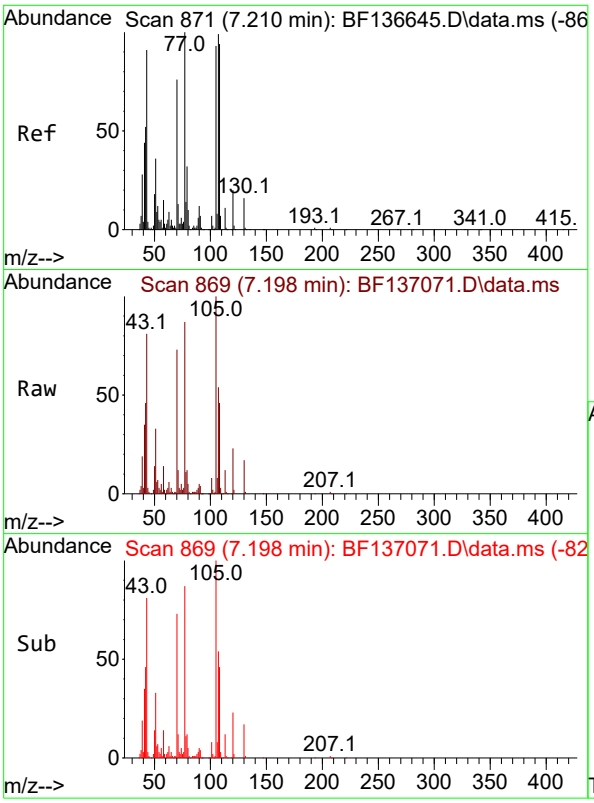




#18
Hexachloroethane
Concen: 37.280 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:117 Resp: 48744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.5 | 75.8 | 113.6 |
| 201 | 87.2 | 69.1 | 103.7 |



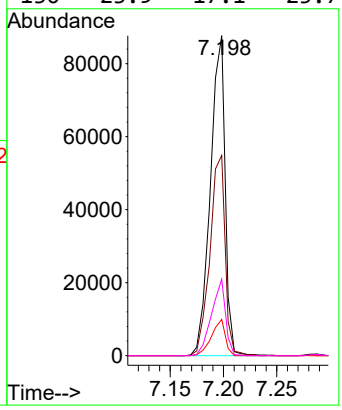


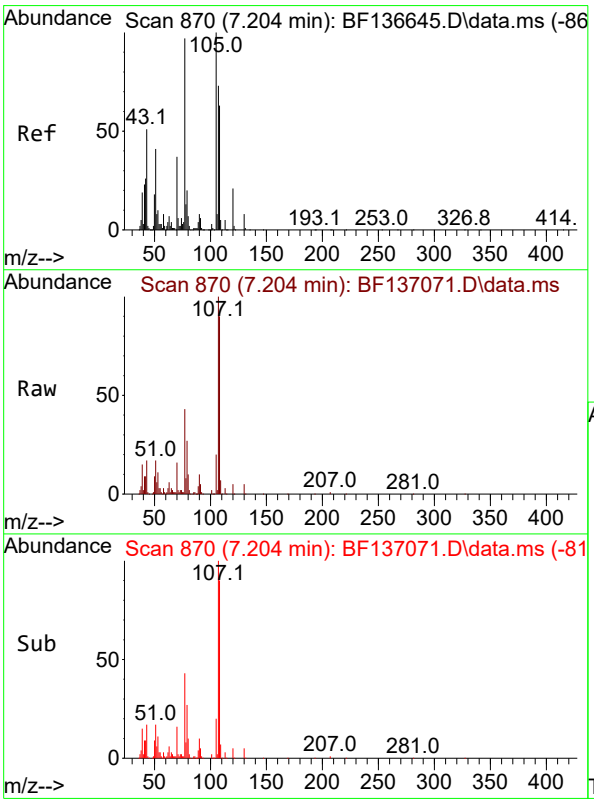

#19
n-Nitroso-di-n-propylamine
Concen: 36.385 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 70 Resp: 84353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.6 | 54.2 | 81.4 |
| 101 | 11.3 | 7.6 | 11.4 |
| 130 | 23.9 | 17.1 | 25.7 |

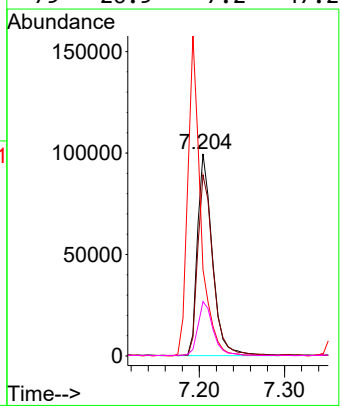


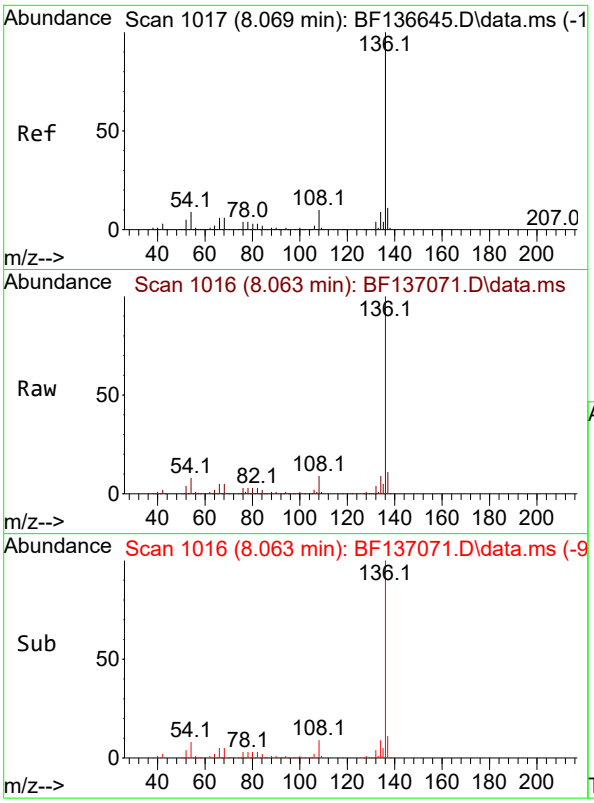




#20
3+4-Methylphenols
Concen: 36.047 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:107 Resp: 120502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.5 | 66.0 | 106.0 |
| 77 | 42.7 | 114.2 | 154.2# |
| 79 | 26.9 | 7.2 | 47.2 |



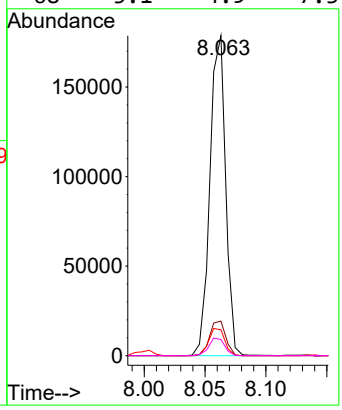


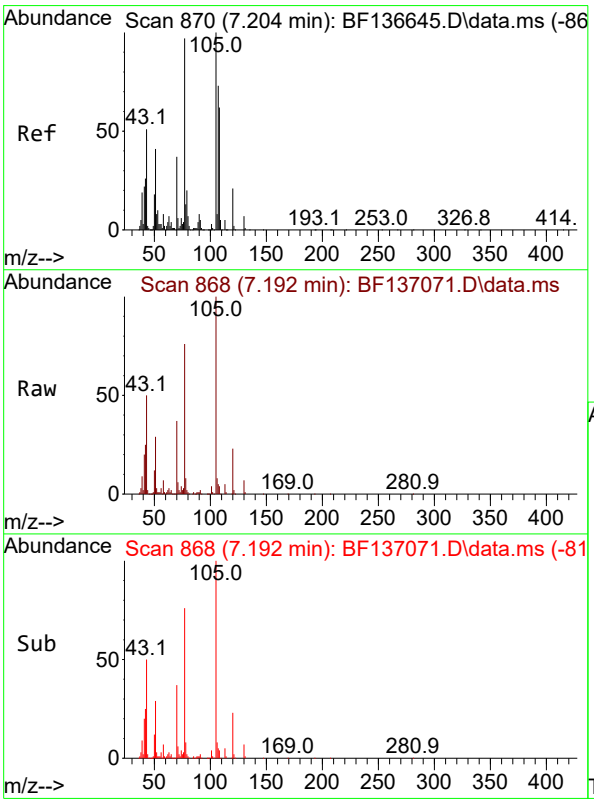

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:136 Resp: 160331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.0 | 13.4 |
| 54 | 8.1 | 7.2 | 10.8 |
| 68 | 5.1 | 4.9 | 7.3 |

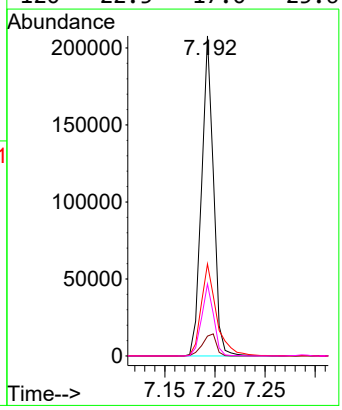


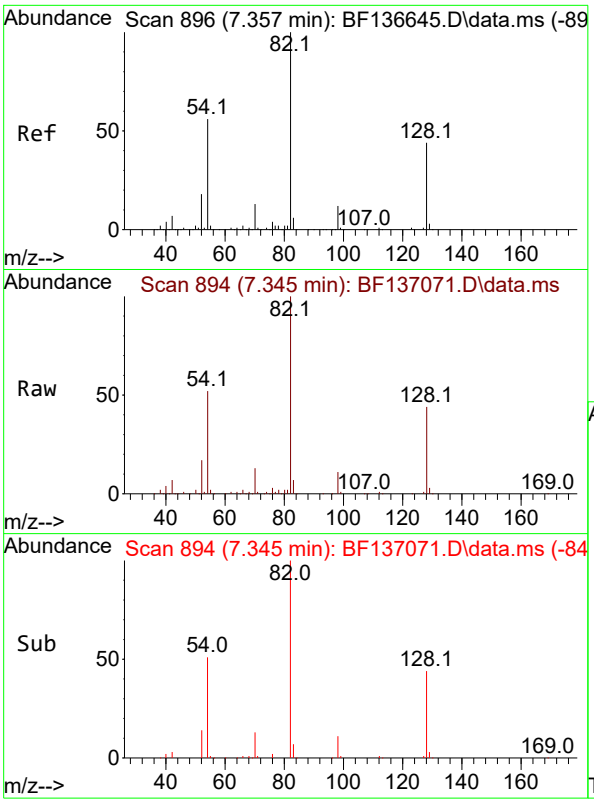




#22
Acetophenone
Concen: 42.958 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:105 Resp: 172636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.2 | 4.8 | 7.2 |
| 51 | 28.8 | 32.8 | 49.2# |
| 120 | 22.5 | 17.0 | 25.6 |



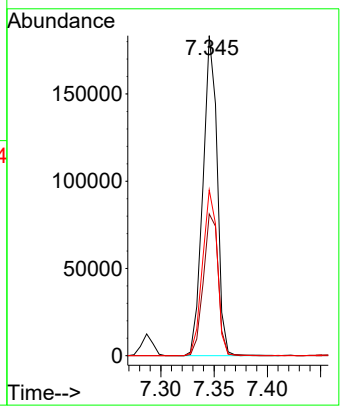


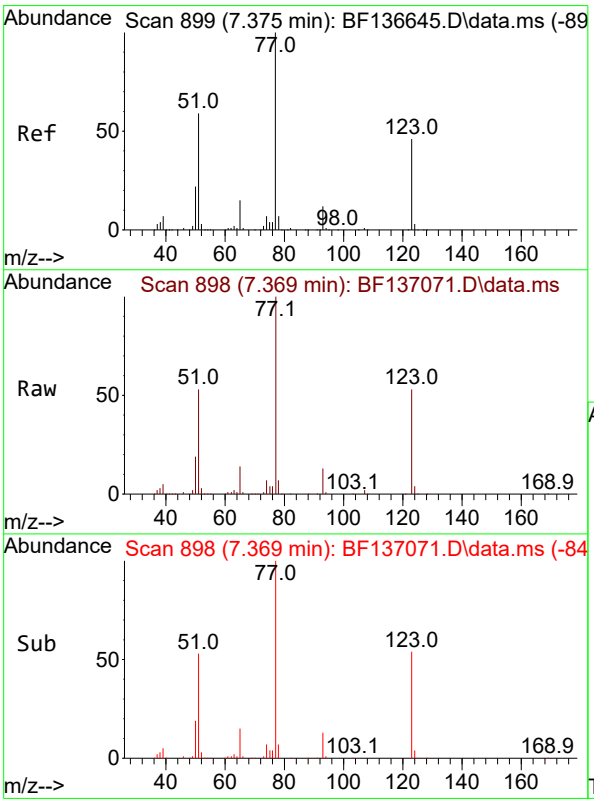

#23
Nitrobenzene-d5
Concen: 54.634 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 82 Resp: 171181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.3 | 35.3 | 52.9 |
| 54 | 51.8 | 44.5 | 66.7 |

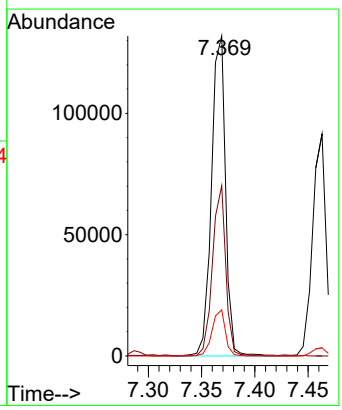


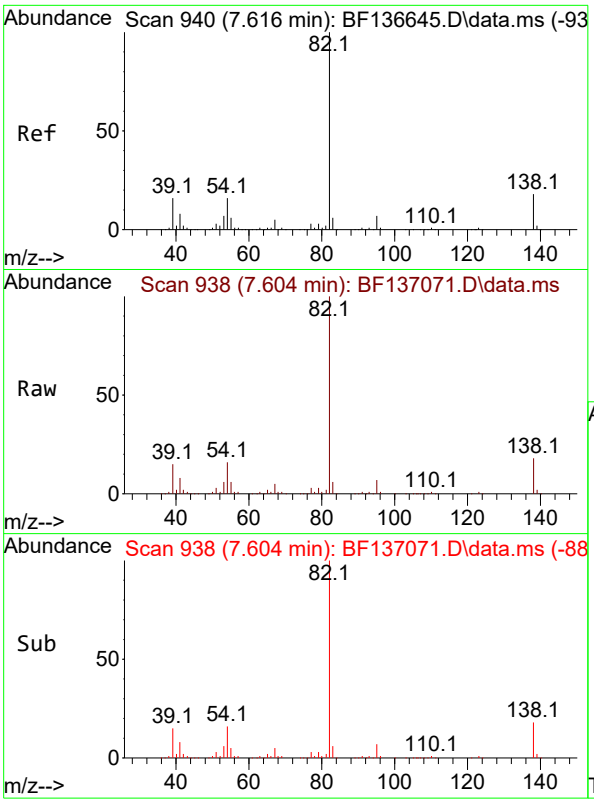




#24
Nitrobenzene
Concen: 38.556 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion: 77 Resp: 121015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 53.2 | 36.7 | 55.1 |
| 65 | 14.4 | 11.8 | 17.6 |



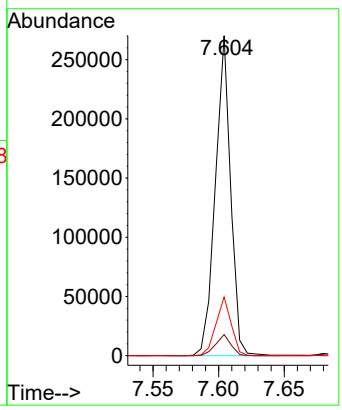


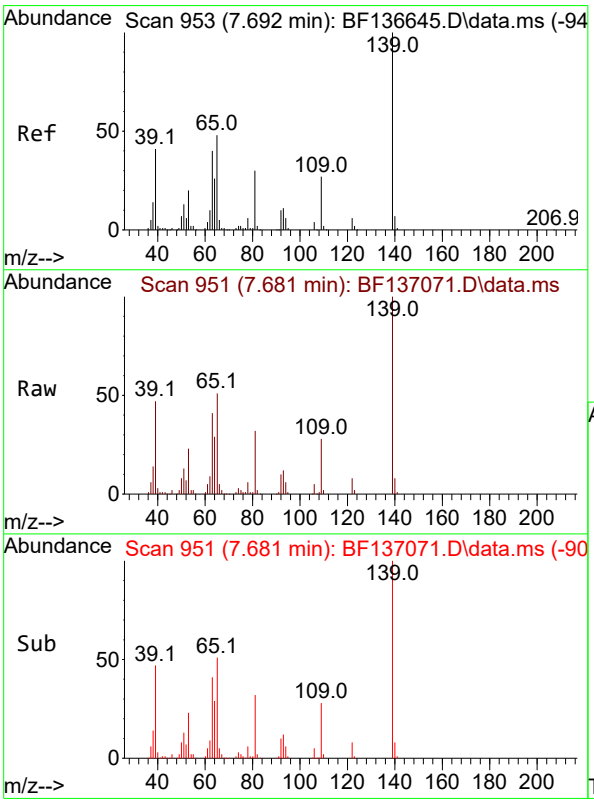

#25
Isophorone
Concen: 38.380 ng
RT: 7.604 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 82 Resp: 218813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.6 | 5.5 | 8.3 |
| 138 | 18.4 | 14.5 | 21.7 |

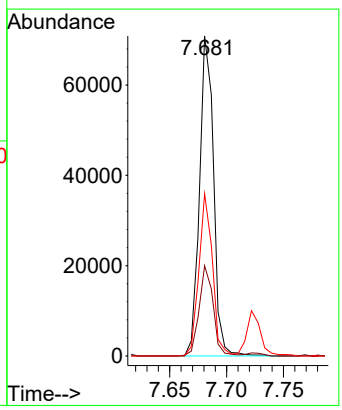


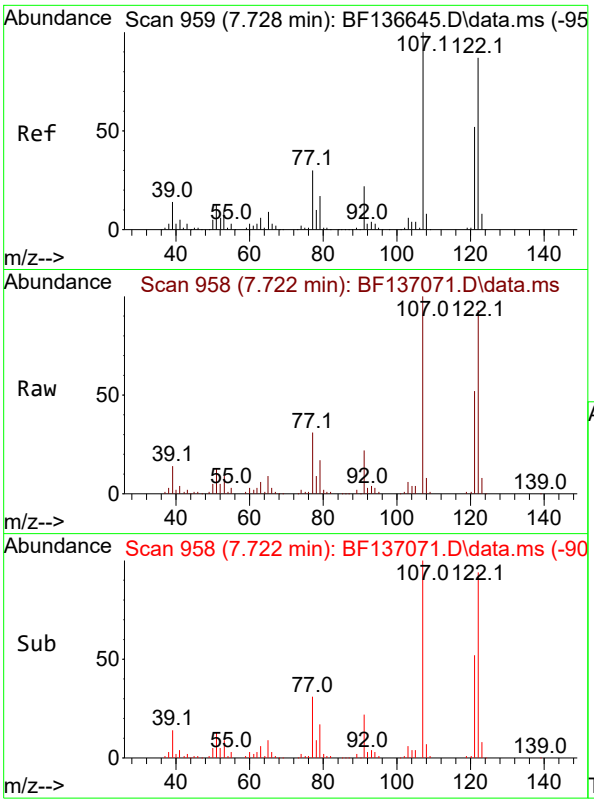




#26
2-Nitrophenol
Concen: 40.447 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:139 Resp: 60738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.2 | 21.9 | 32.9 |
| 65 | 50.7 | 38.6 | 58.0 |



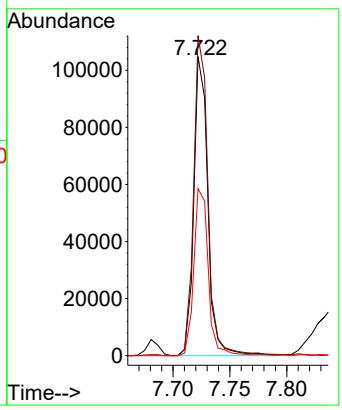


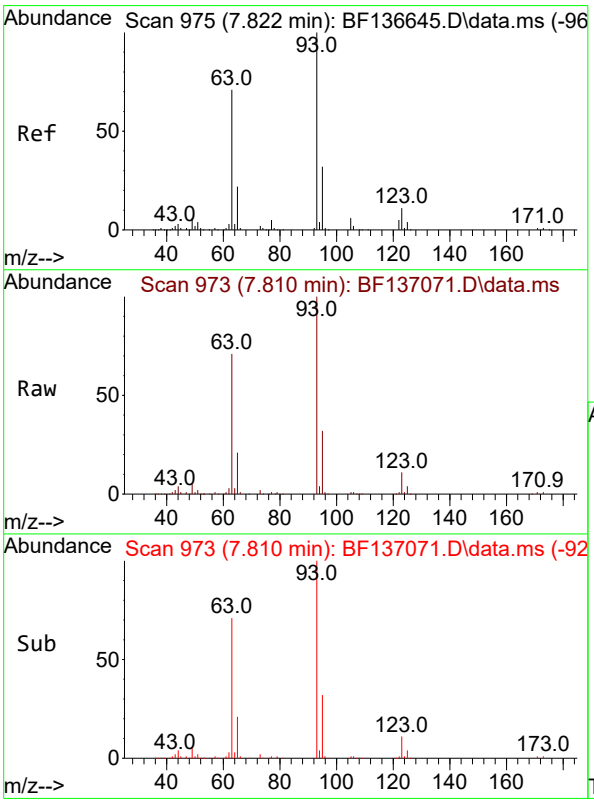

#27
2,4-Dimethylphenol
Concen: 49.511 ng
RT: 7.722 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:122 Resp: 90517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 107.0 | 92.0 | 138.0 |
| 121 | 55.9 | 47.5 | 71.3 |

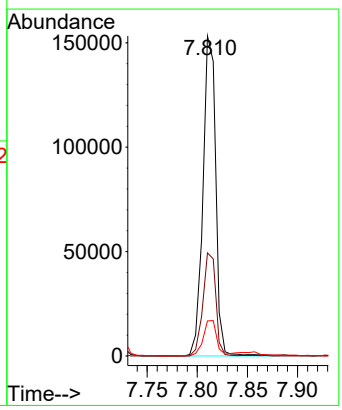


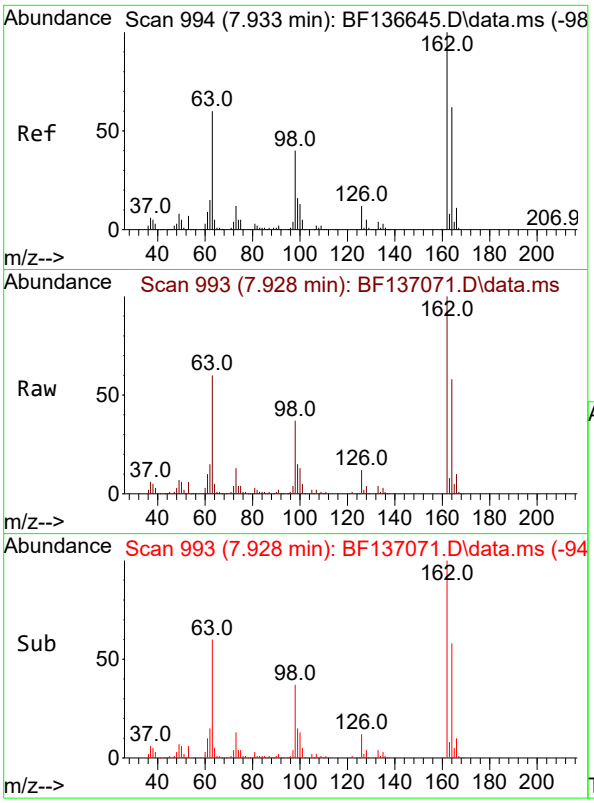




#28
bis(2-Chloroethoxy)methane
Concen: 39.573 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion: 93 Resp: 137142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.5 | 38.3 |
| 123 | 11.0 | 9.2 | 13.8 |



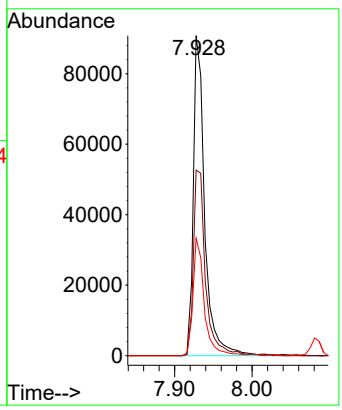


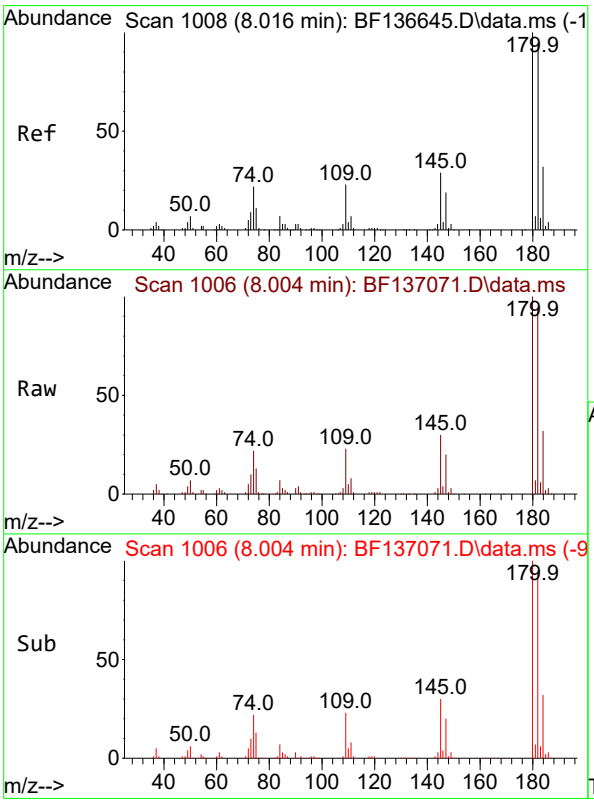

#29
2,4-Dichlorophenol
Concen: 39.406 ng
RT: 7.928 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:162 Resp: 92749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 58.0 | 41.7 | 81.7 |
| 98 | 36.7 | 19.5 | 59.5 |

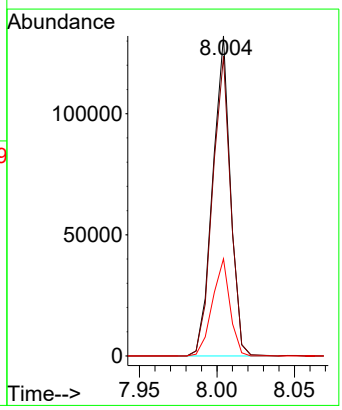


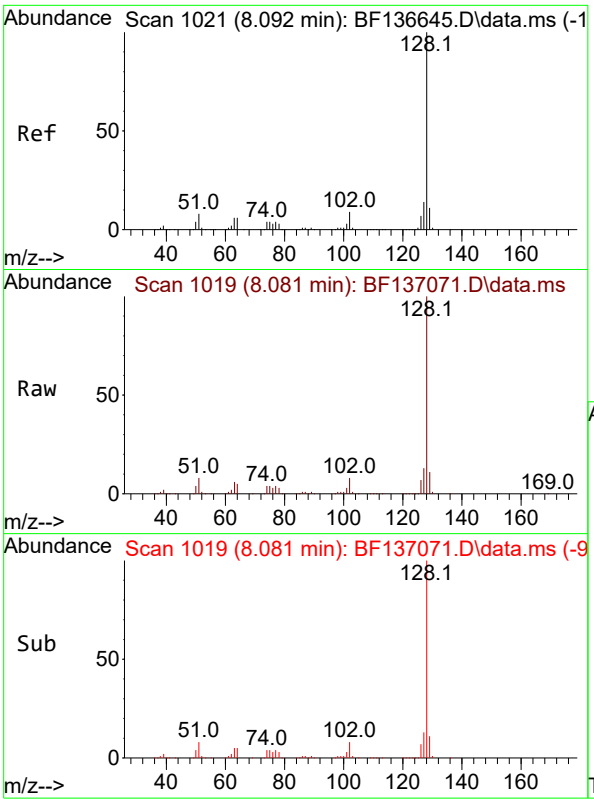




#30
1,2,4-Trichlorobenzene
Concen: 40.113 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:180 Resp: 105193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 75.4 | 113.0 |
| 145 | 30.4 | 23.1 | 34.7 |



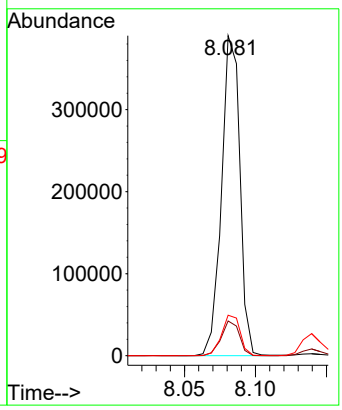


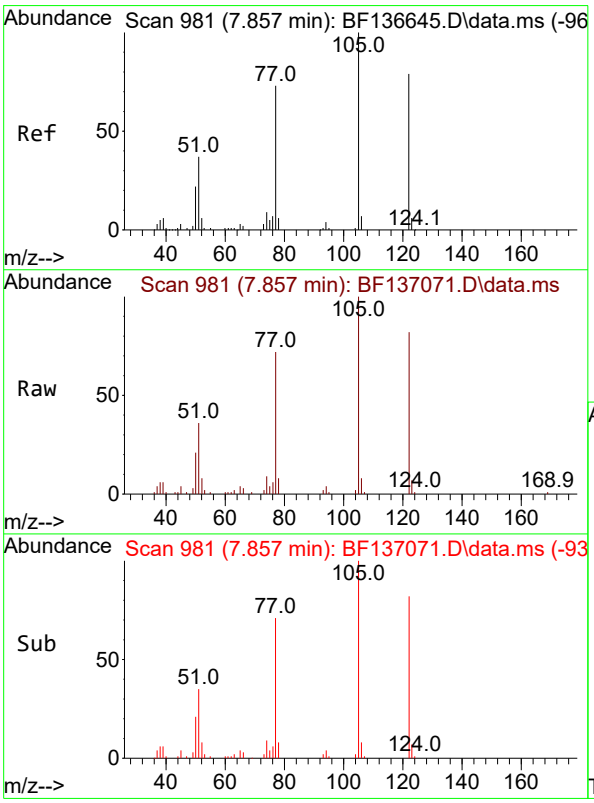

#31
Naphthalene
Concen: 39.759 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:128 Resp: 350206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.7 | 13.1 |
| 127 | 12.7 | 10.8 | 16.2 |

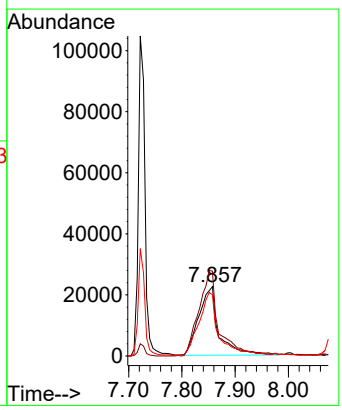


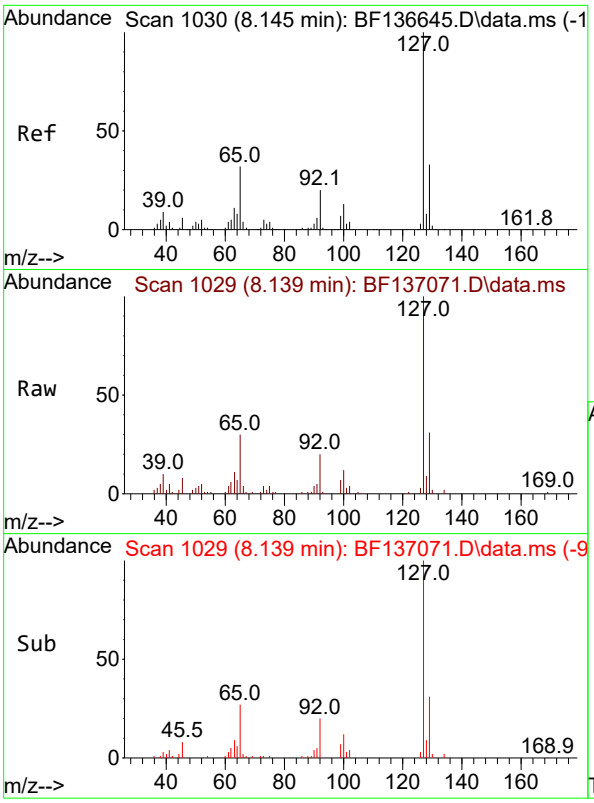




#32
Benzoic acid
Concen: 33.007 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:122 Resp: 58386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.5 | 100.8 | 140.8 |
| 77 | 88.4 | 70.9 | 110.9 |



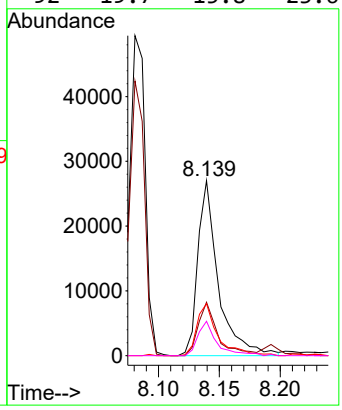


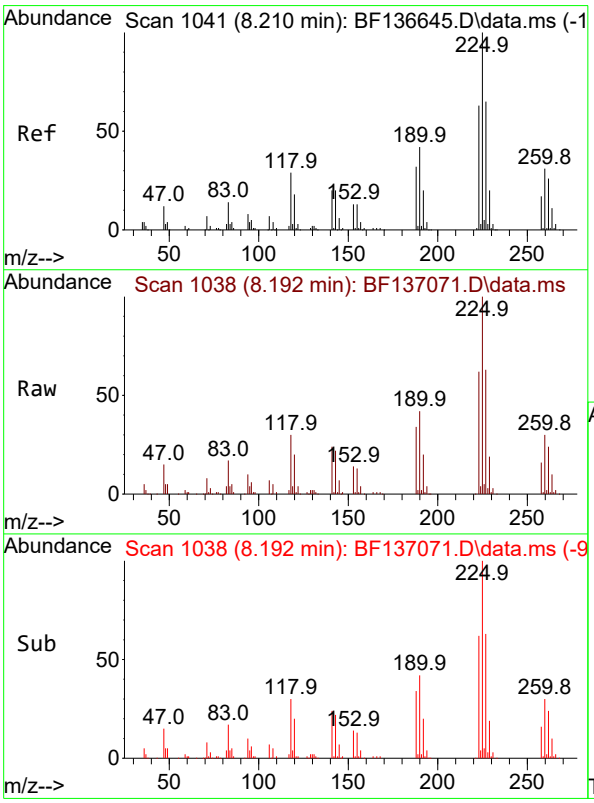

#33
4-Chloroaniline
Concen: 9.759 ng
RT: 8.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:127 Resp: 31738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.5 | 26.3 | 39.5 |
| 65 | 29.7 | 25.8 | 38.8 |
| 92 | 19.7 | 15.8 | 23.6 |

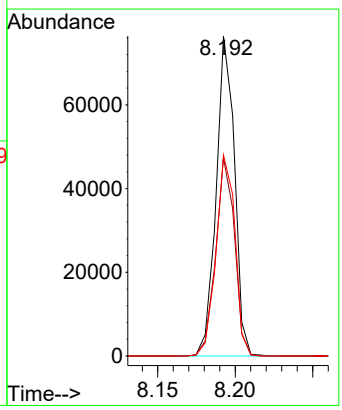


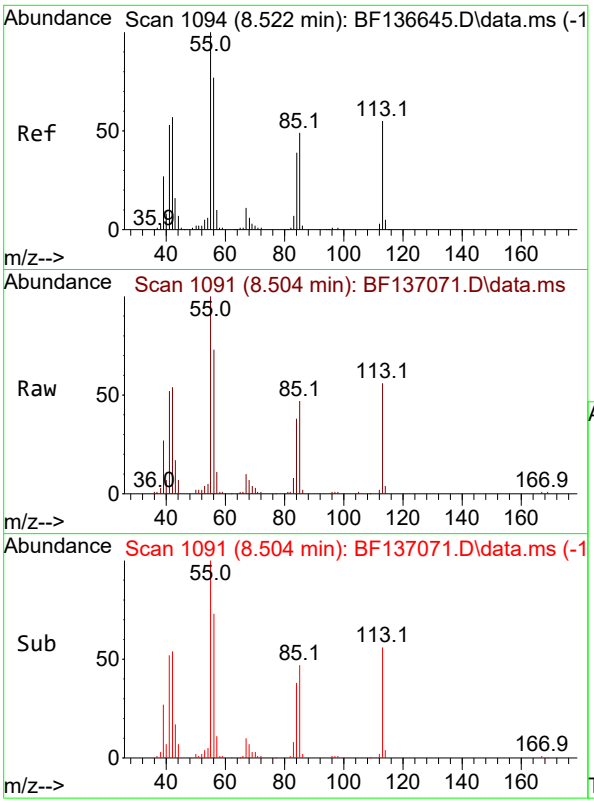




#34
Hexachlorobutadiene
Concen: 39.400 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:225 Resp: 62775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.9 | 50.6 | 76.0 |
| 227 | 62.8 | 51.9 | 77.9 |



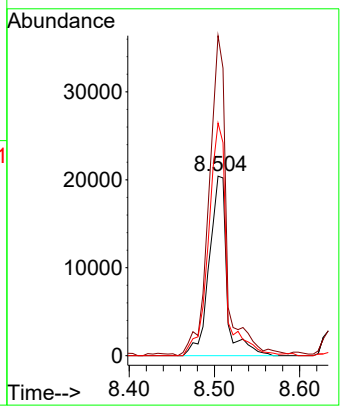


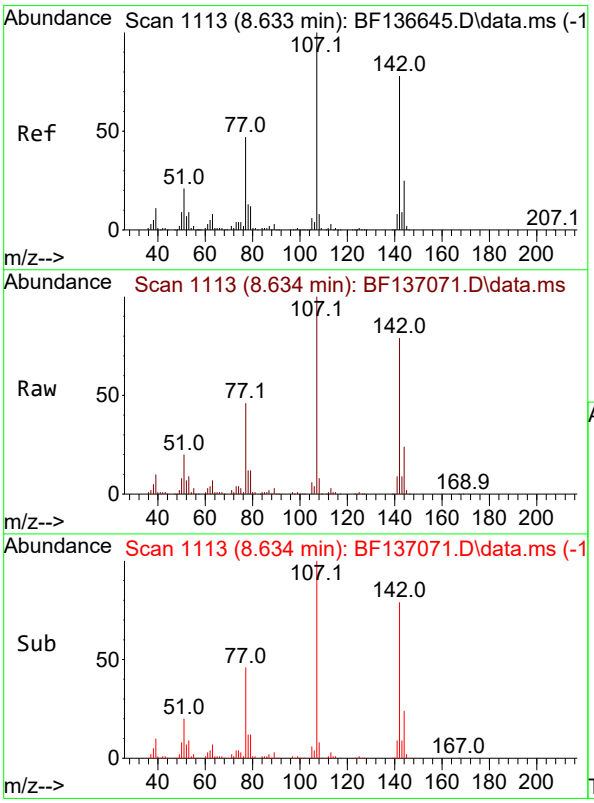

#35
Caprolactam
Concen: 37.976 ng
RT: 8.504 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:113 Resp: 29487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 178.3 | 163.1 | 203.1 |
| 56 | 129.6 | 121.7 | 161.7 |

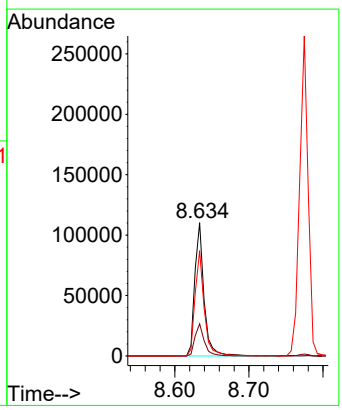


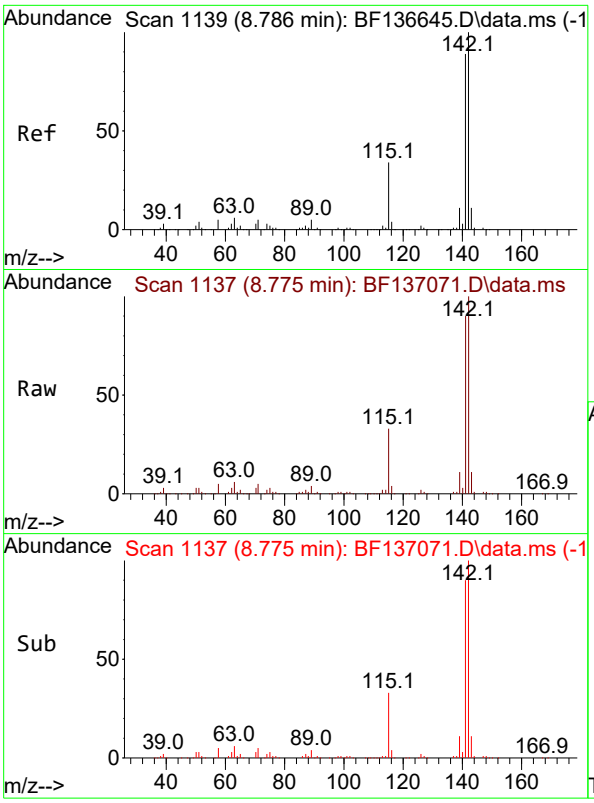




#36
4-Chloro-3-methylphenol
Concen: 36.036 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:107 Resp: 95485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.2 | 20.2 | 30.2 |
| 142 | 79.0 | 62.3 | 93.5 |



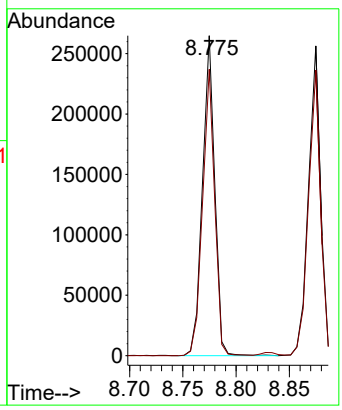


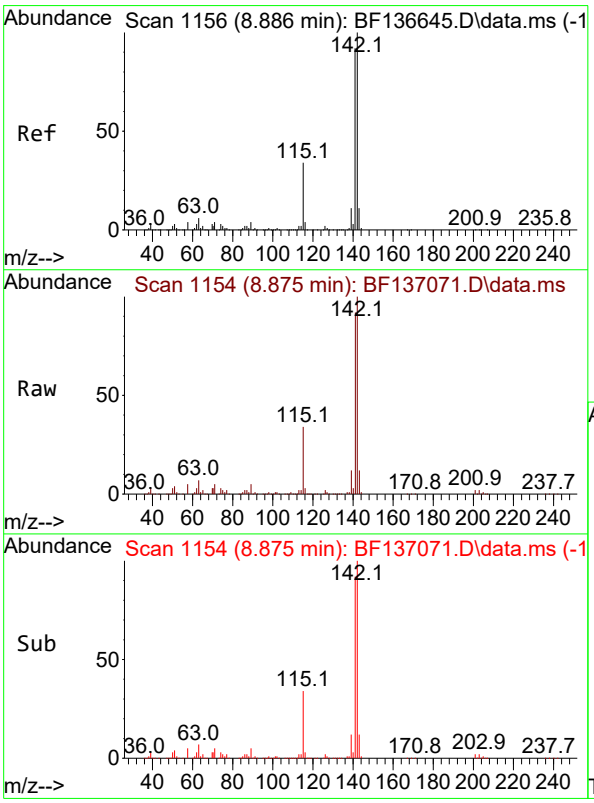

#37
2-Methylnaphthalene
Concen: 37.417 ng
RT: 8.775 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:142 Resp: 212106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 71.1 | 106.7 |

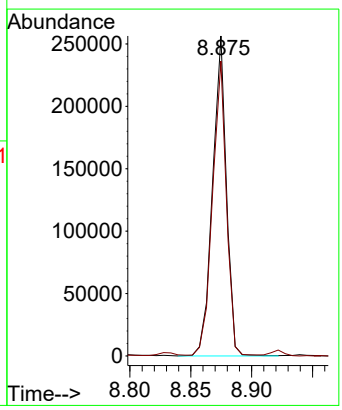


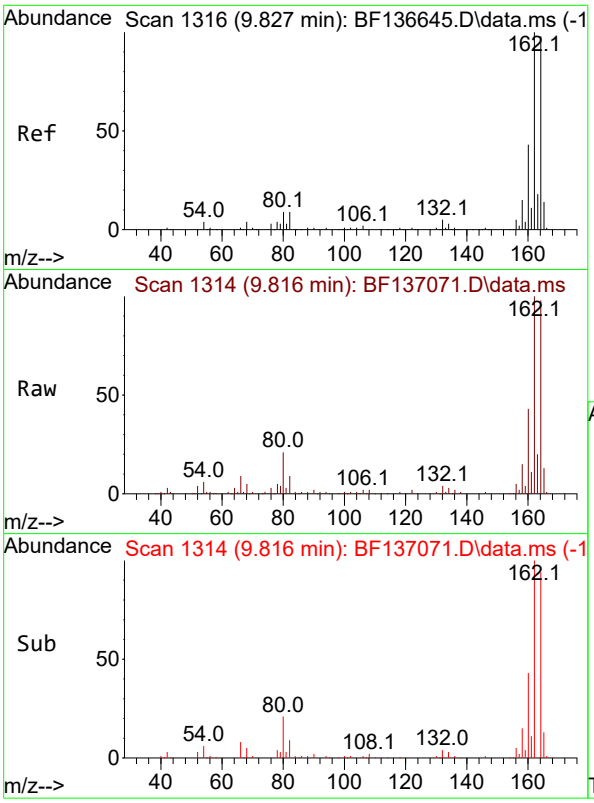




#38
1-Methylnaphthalene
Concen: 36.464 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:142 Resp: 202793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 73.6 | 110.4 |



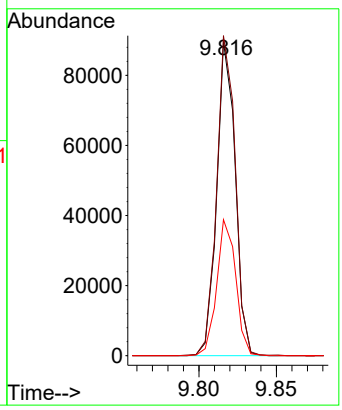


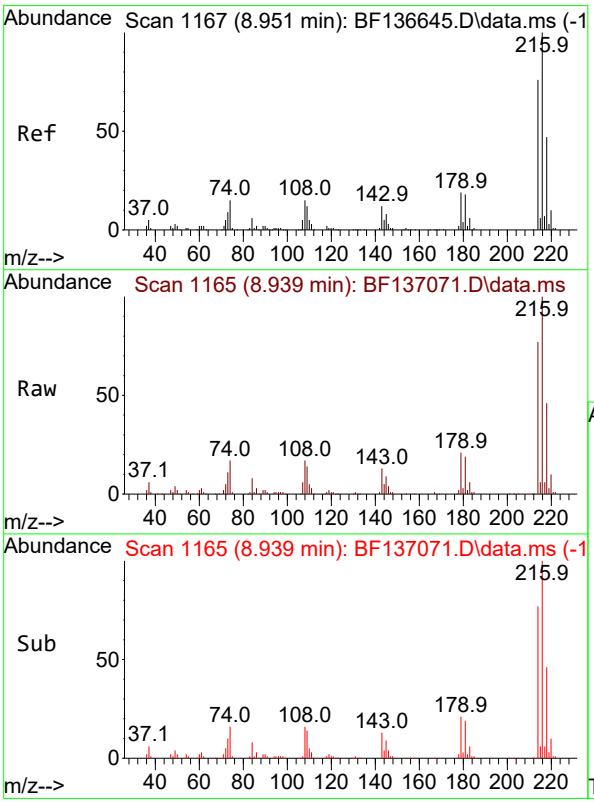

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:164 Resp: 74091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.9 | 81.6 | 122.4 |
| 160 | 43.3 | 34.9 | 52.3 |

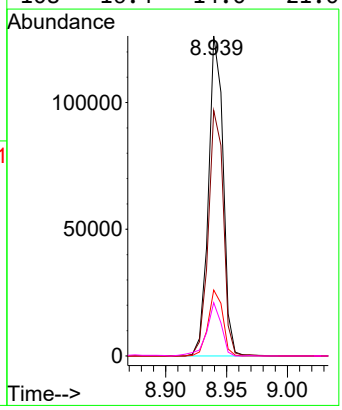


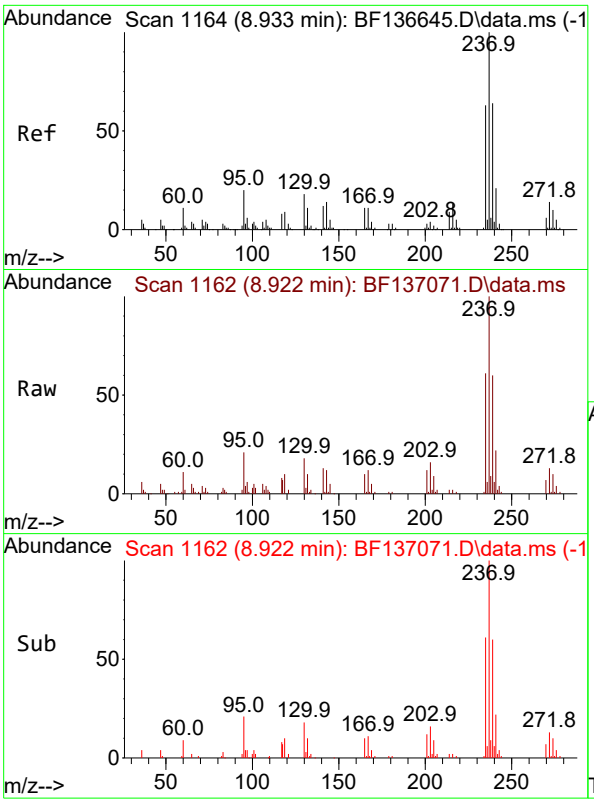




#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.086 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:216 Resp: 105747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 62.3 | 93.5 |
| 179 | 20.5 | 16.4 | 24.6 |
| 108 | 16.4 | 14.0 | 21.0 |



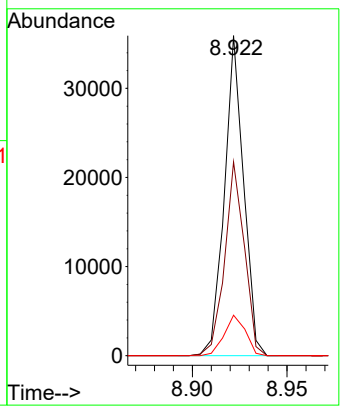


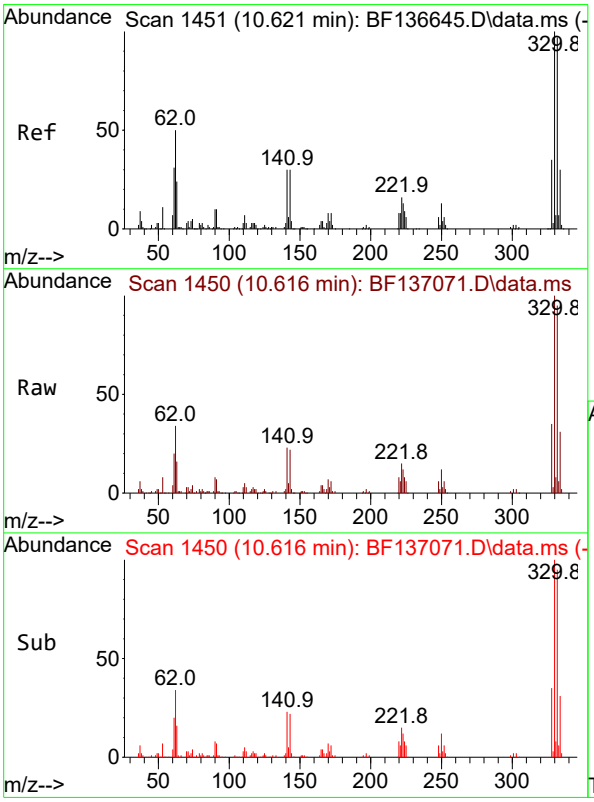

#41
Hexachlorocyclopentadiene
Concen: 37.416 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:237 Resp: 25342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.5 | 43.2 | 83.2 |
| 272 | 12.7 | 0.0 | 34.2 |

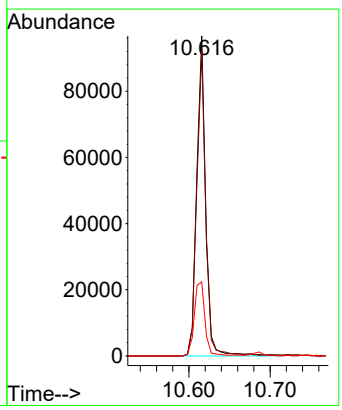


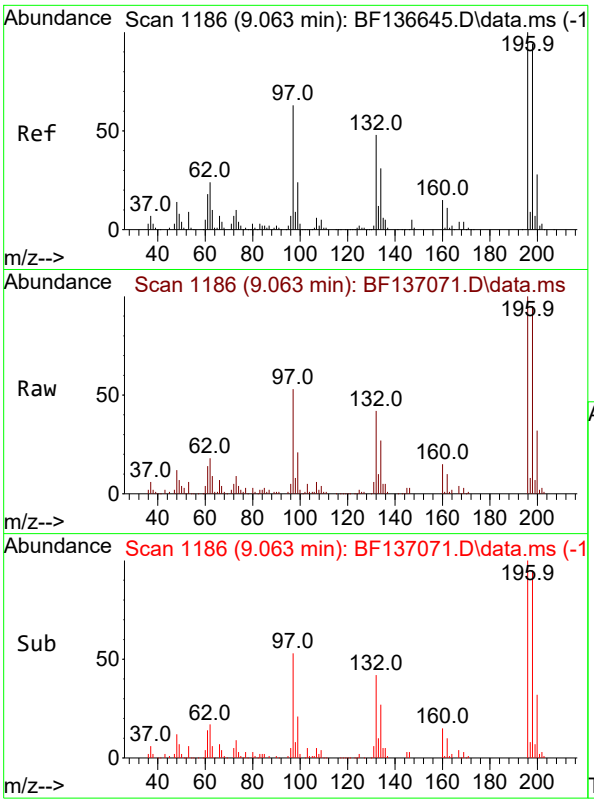




#42
2,4,6-Tribromophenol
Concen: 85.806 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:330 Resp: 74873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 77.4 | 116.0 |
| 141 | 27.4 | 23.4 | 35.2 |



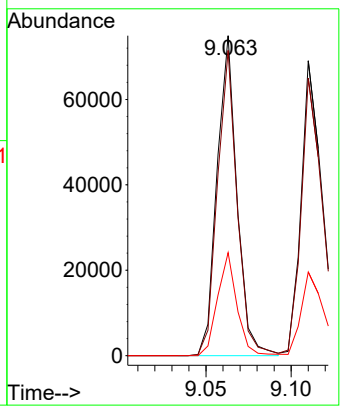


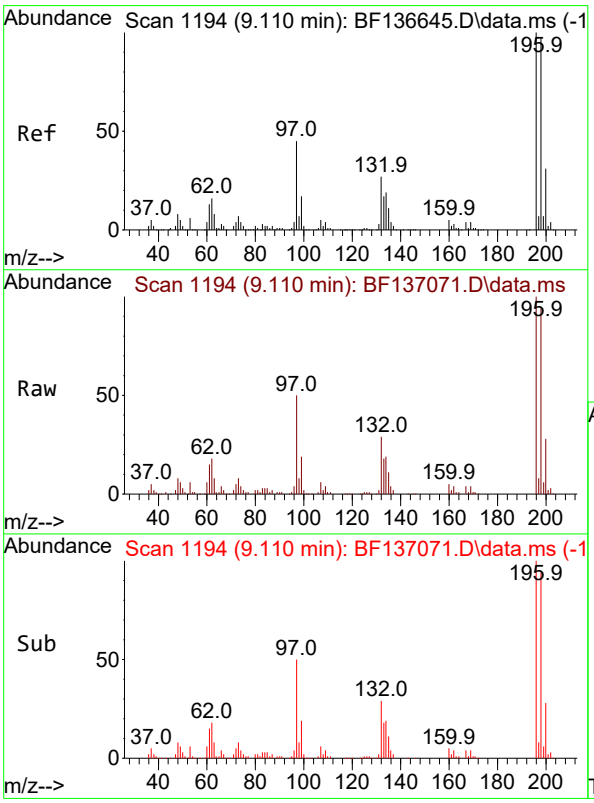

#43
2,4,6-Trichlorophenol
Concen: 41.537 ng
RT: 9.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:196 Resp: 61123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.4 | 75.1 | 112.7 |
| 200 | 32.2 | 22.5 | 33.7 |

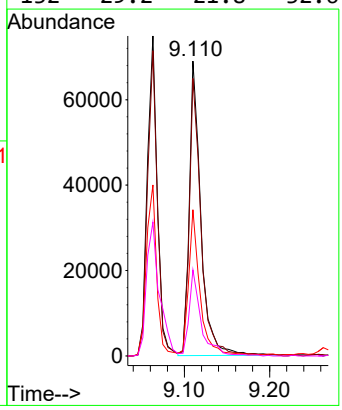


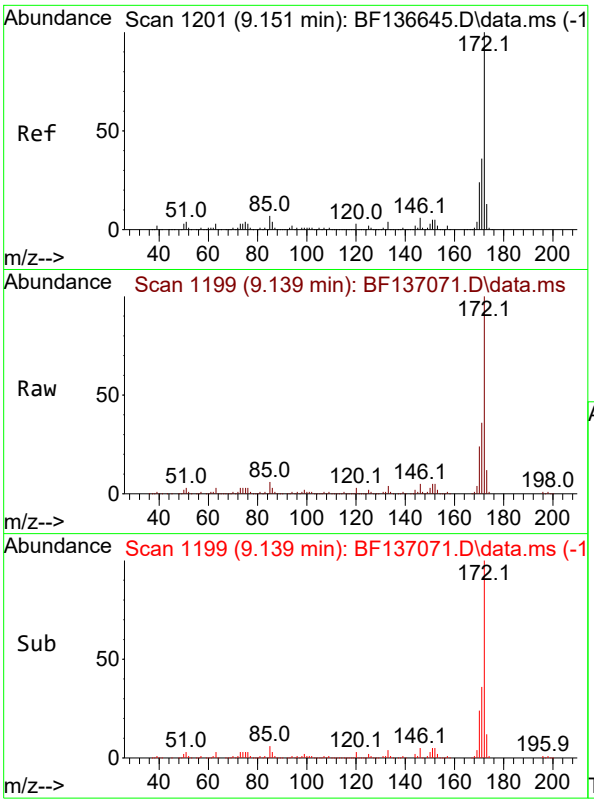




#44
2,4,5-Trichlorophenol
Concen: 39.621 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:196 Resp: 64971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.2 | 77.0 | 115.6 |
| 97 | 49.6 | 36.1 | 54.1 |
| 132 | 29.2 | 21.8 | 32.6 |



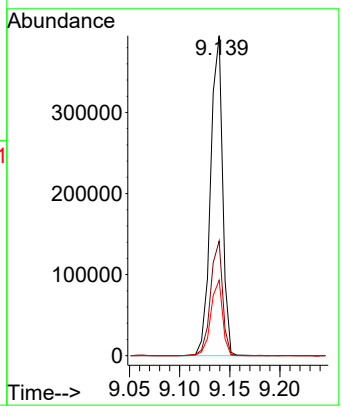


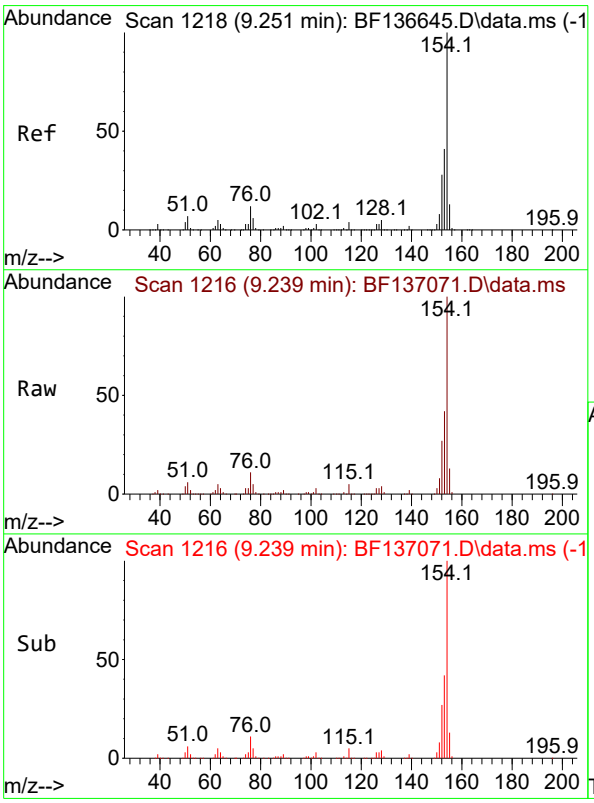

#45
2-Fluorobiphenyl
Concen: 59.841 ng
RT: 9.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:172 Resp: 329643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.0 | 43.6 |
| 170 | 23.6 | 19.0 | 28.4 |

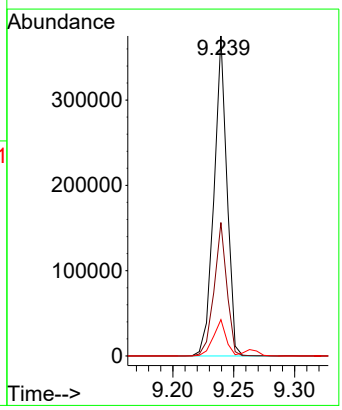


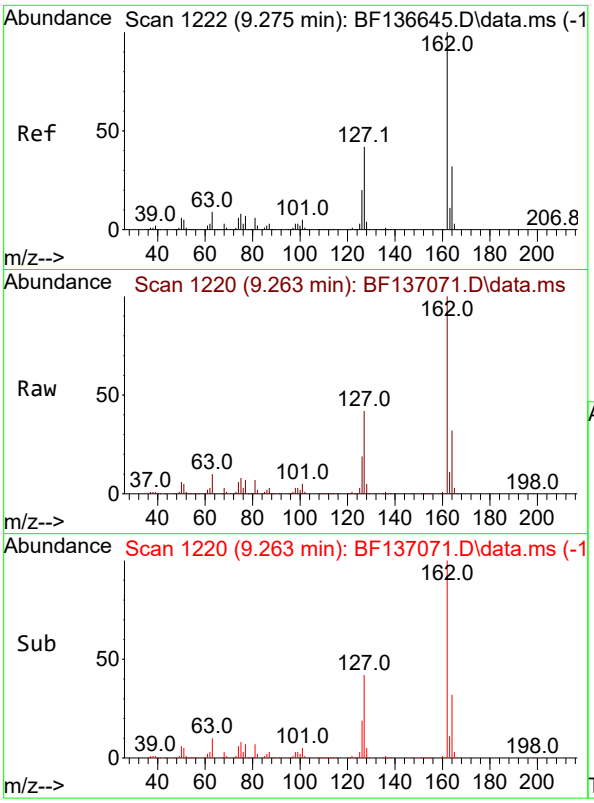




#46
1,1'-Biphenyl
Concen: 44.552 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:154 Resp: 276997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.7 | 21.1 | 61.1 |
| 76 | 11.3 | 0.0 | 31.7 |



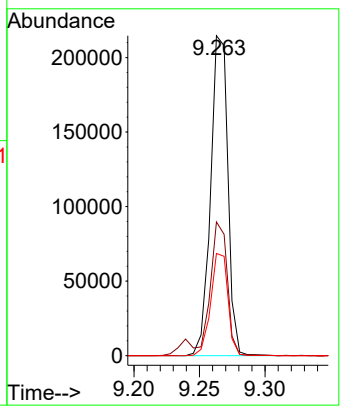


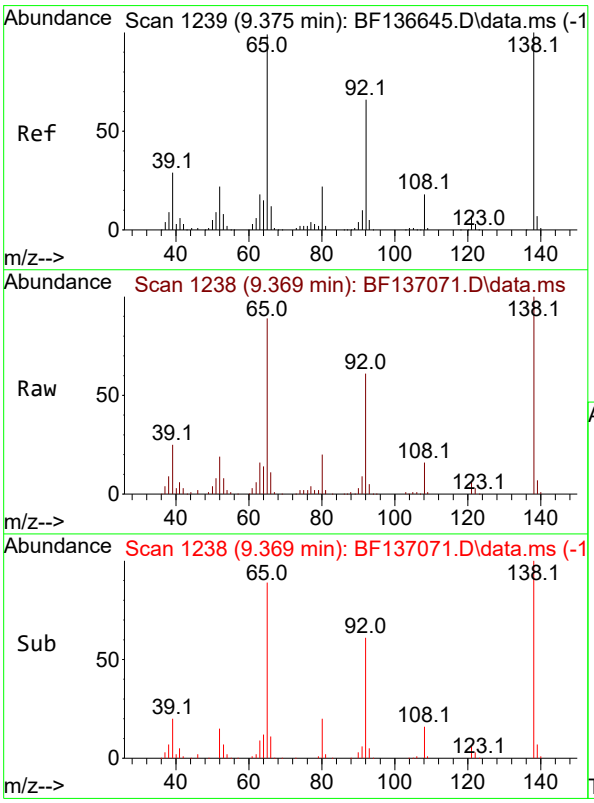

#47
2-Chloronaphthalene
Concen: 41.637 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:162 Resp: 196798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.8 | 33.6 | 50.4 |
| 164 | 31.9 | 25.7 | 38.5 |

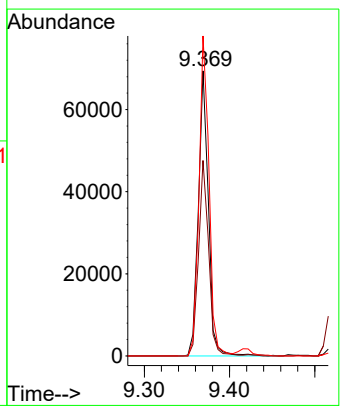


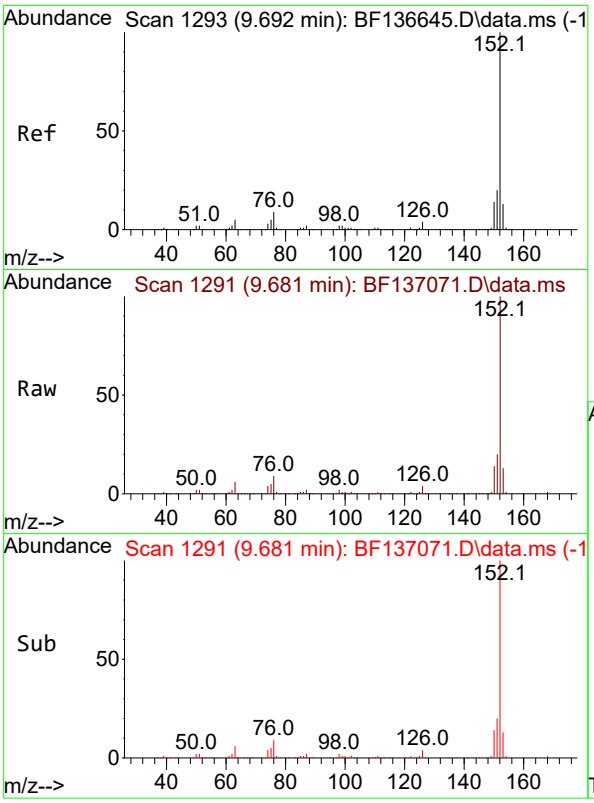




#48
2-Nitroaniline
Concen: 38.504 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion: 65 Resp: 56990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.6 | 53.2 | 79.8 |
| 138 | 112.2 | 81.1 | 121.7 |



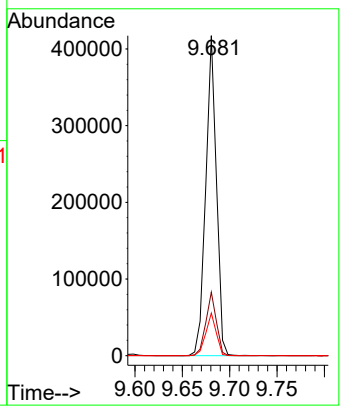


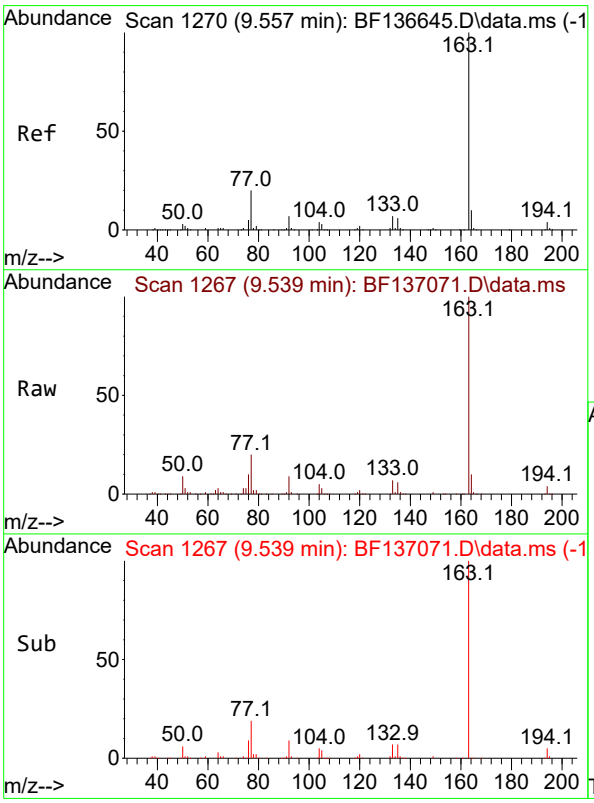

#49
Acenaphthylene
Concen: 45.102 ng
RT: 9.681 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:152 Resp: 325835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 16.2 | 24.4 |
| 153 | 13.3 | 10.2 | 15.2 |

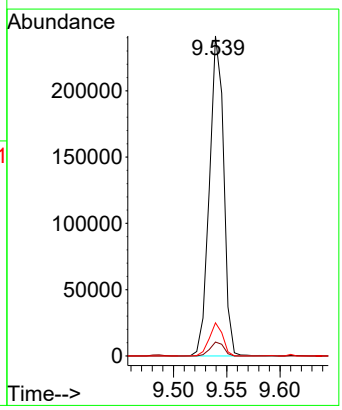


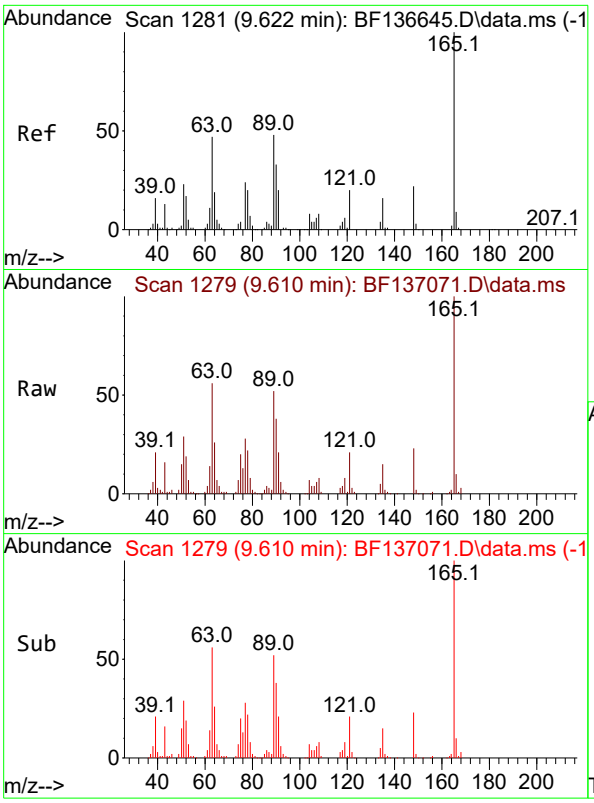




#50
Dimethylphthalate
Concen: 41.693 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:163 Resp: 225633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.4 | 7.8 | 11.6 |



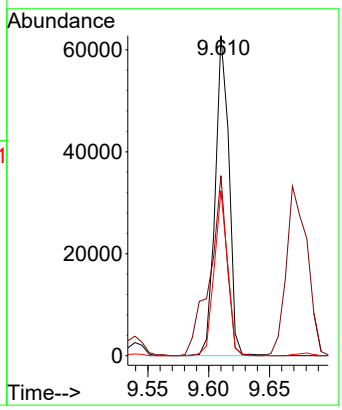


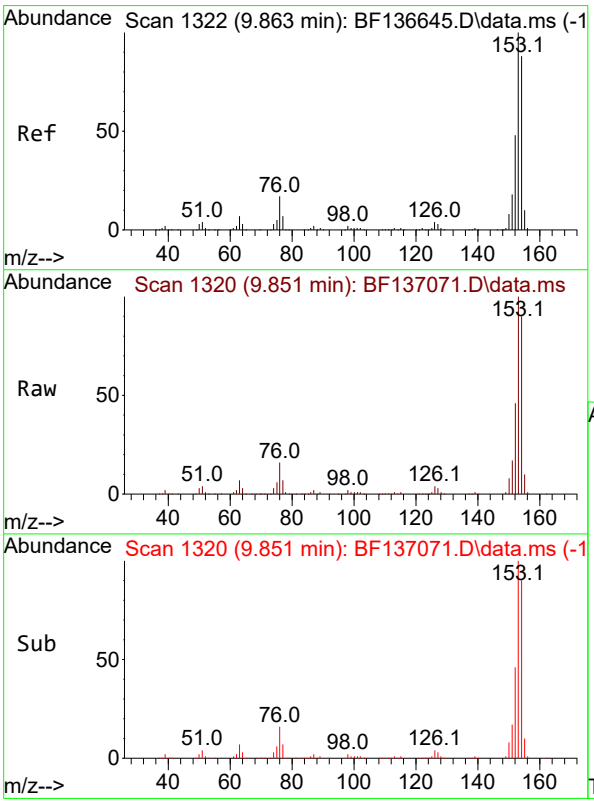

#51
2,6-Dinitrotoluene
Concen: 40.206 ng
RT: 9.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:165 Resp: 49381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.3 | 39.8 | 59.6 |
| 89 | 51.6 | 38.8 | 58.2 |

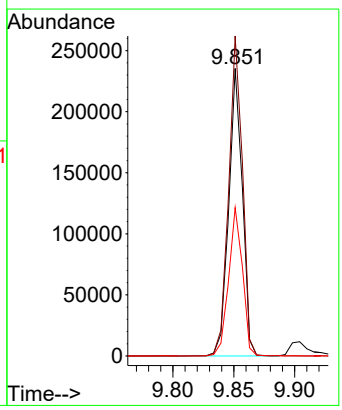


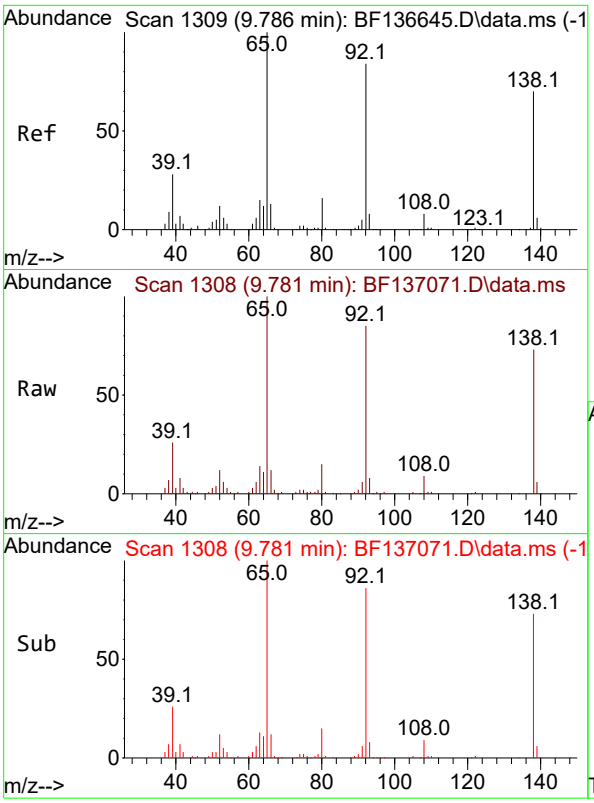




#52
Acenaphthene
Concen: 40.808 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:154 Resp: 182752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.3 | 90.7 | 136.1 |
| 152 | 51.6 | 43.7 | 65.5 |



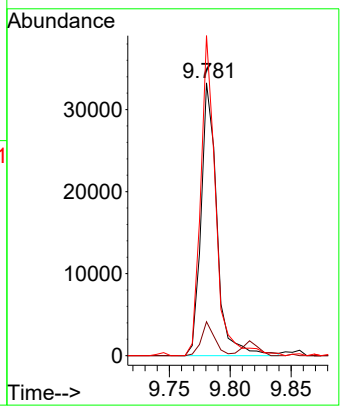


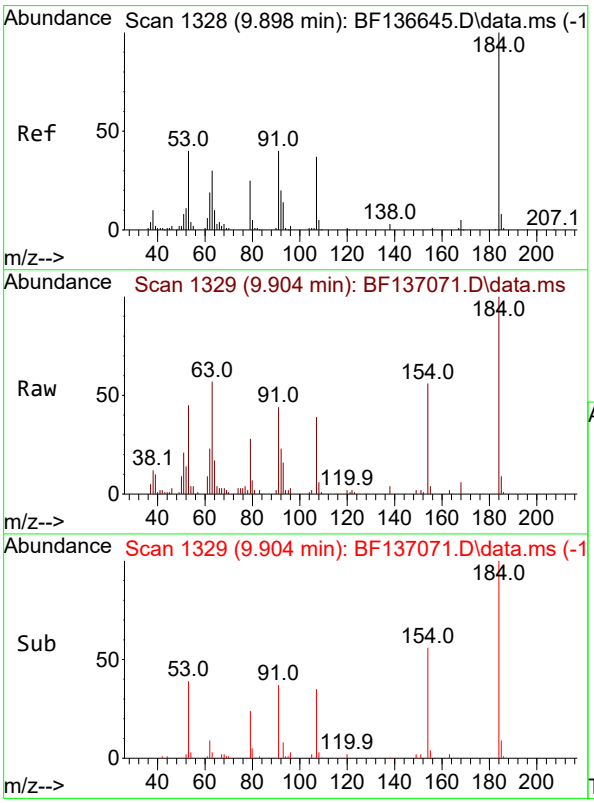

#53
3-Nitroaniline
Concen: 23.233 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:138 Resp: 30228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.4 | 8.6 | 12.8 |
| 92 | 117.3 | 95.2 | 142.8 |

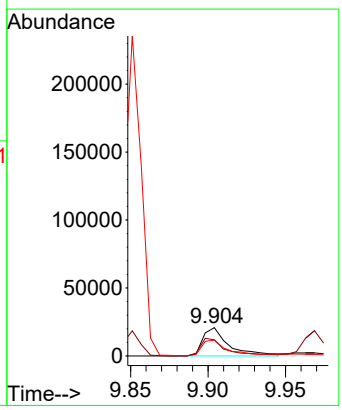


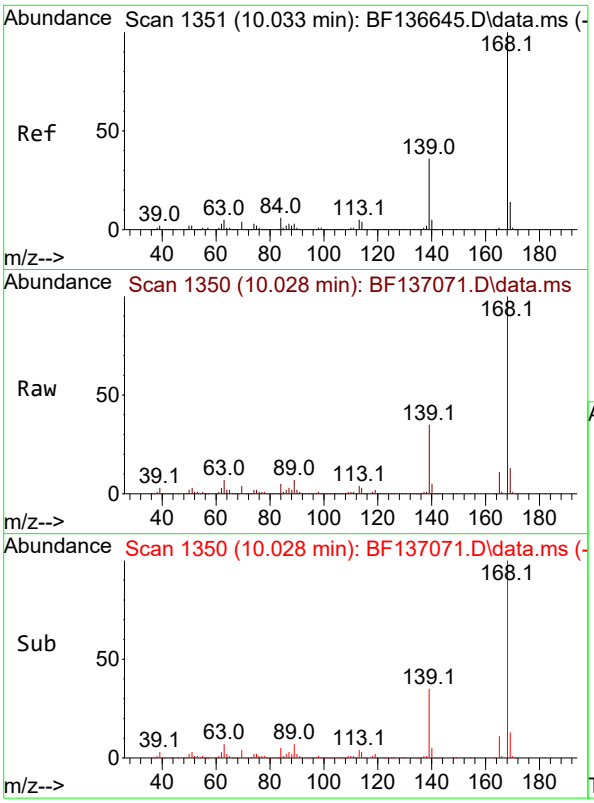




#54
2,4-Dinitrophenol
Concen: 37.771 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:184 Resp: 24303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 56.7 | 40.9 | 61.3 |
| 154 | 55.8 | 42.7 | 64.1 |



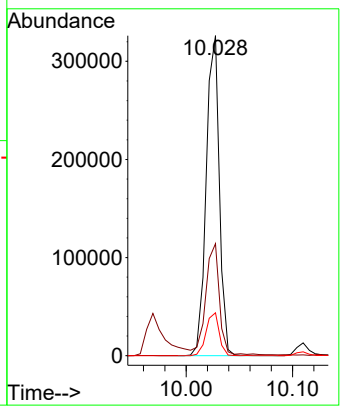


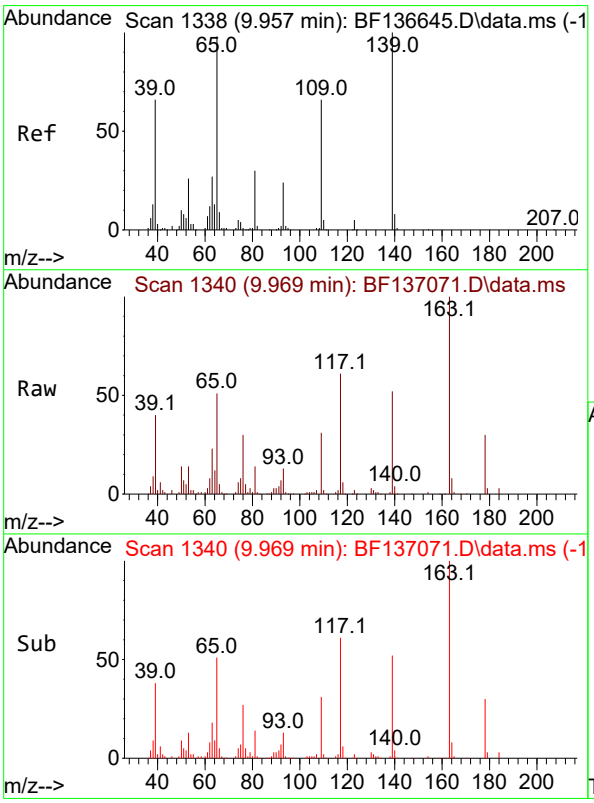

#55
Dibenzofuran
Concen: 41.184 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:168 Resp: 279576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.0 | 29.3 | 43.9 |
| 169 | 13.4 | 11.0 | 16.4 |

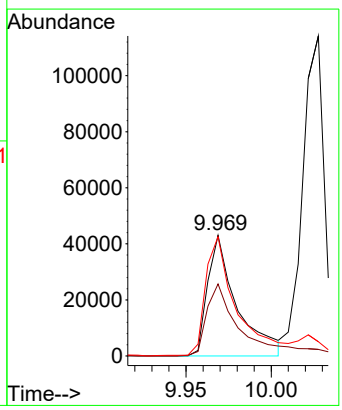


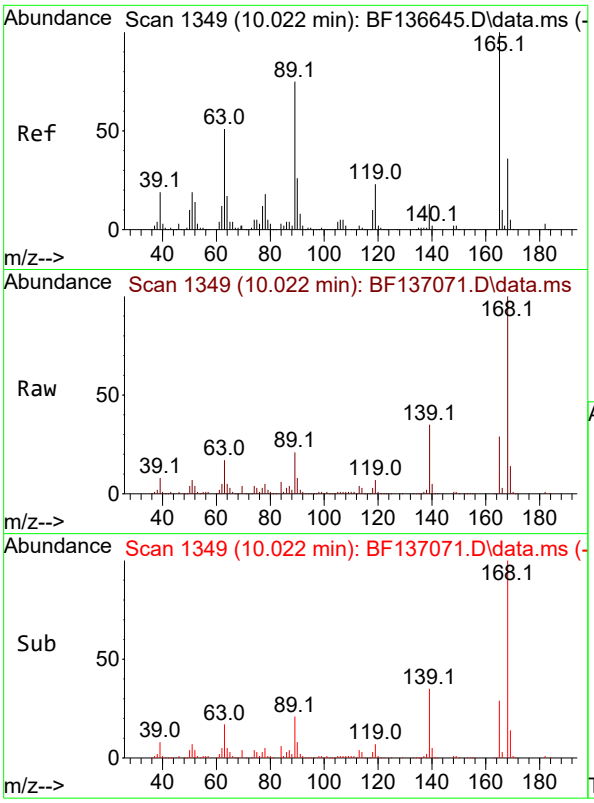




#56
4-Nitrophenol
Concen: 58.838 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:139 Resp: 51677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 59.6 | 45.8 | 85.8 |
| 65 | 98.8 | 77.8 | 117.8 |



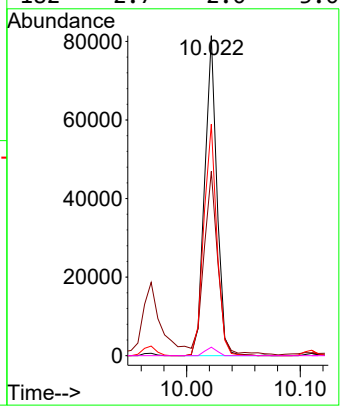


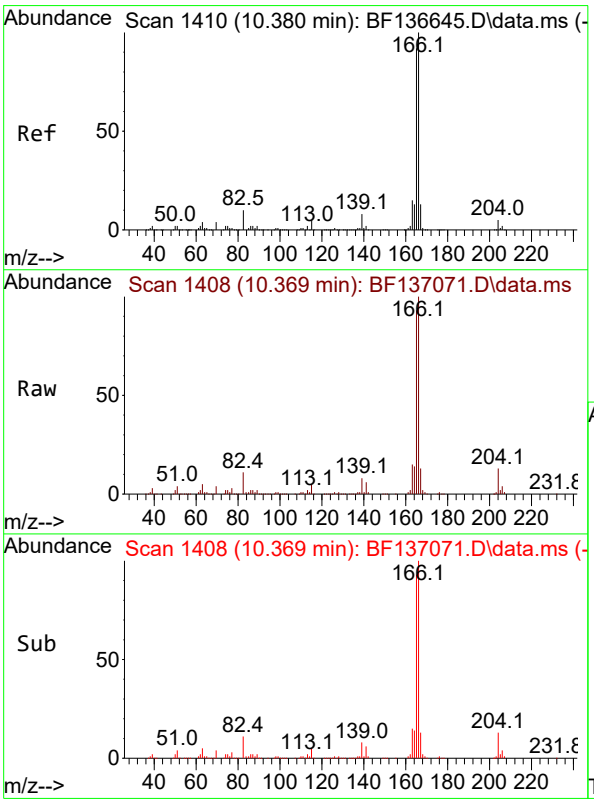

#57
2,4-Dinitrotoluene
Concen: 38.512 ng
RT: 10.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:165 Resp: 61406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.6 | 41.0 | 61.6 |
| 89 | 72.4 | 59.9 | 89.9 |
| 182 | 2.7 | 2.0 | 3.0 |

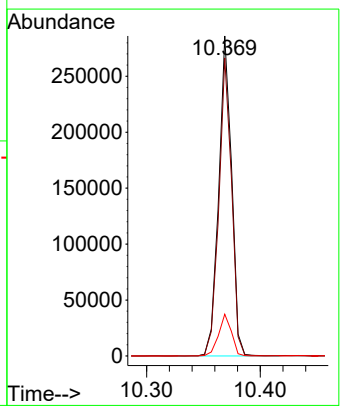


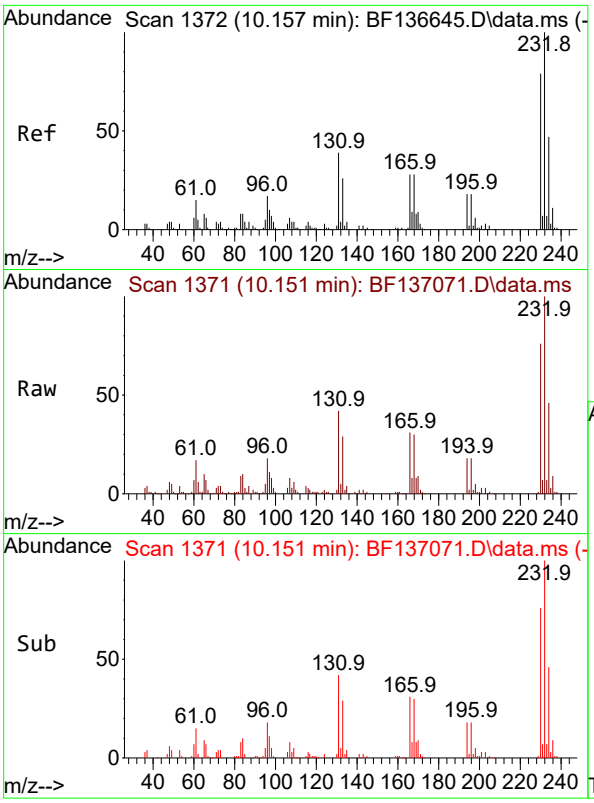




#58
Fluorene
Concen: 41.884 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:166 Resp: 225603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 93.1 | 73.7 | 110.5 |
| 167 | 13.1 | 10.4 | 15.6 |



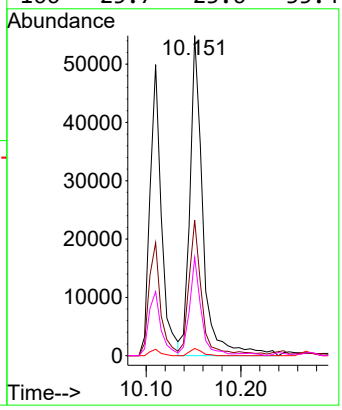


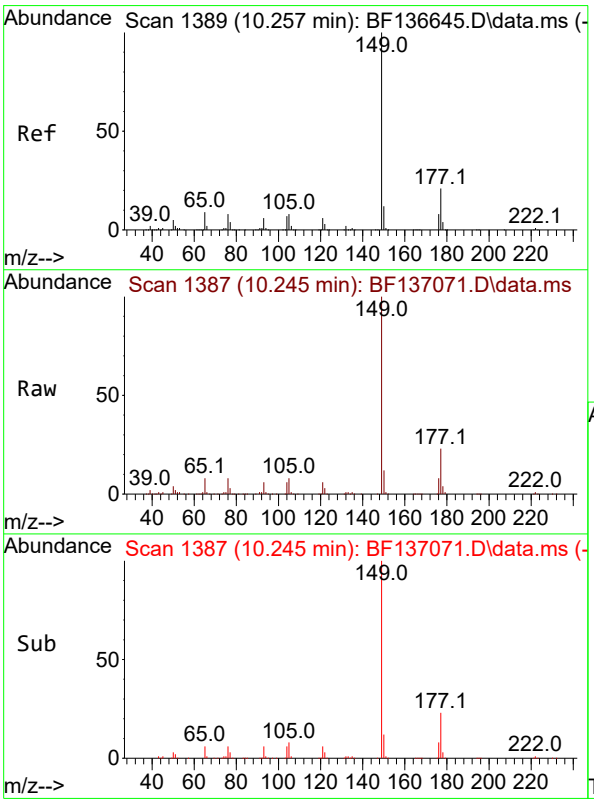

#59
2,3,4,6-Tetrachlorophenol
Concen: 41.466 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:232 Resp: 52343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.0 | 35.1 | 52.7 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 25.7 | 23.6 | 35.4 |

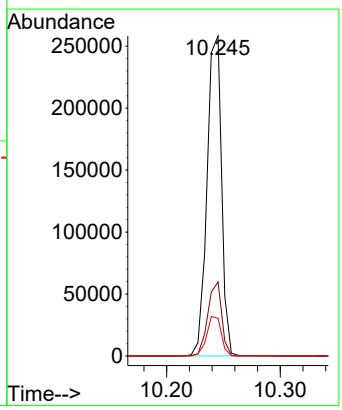


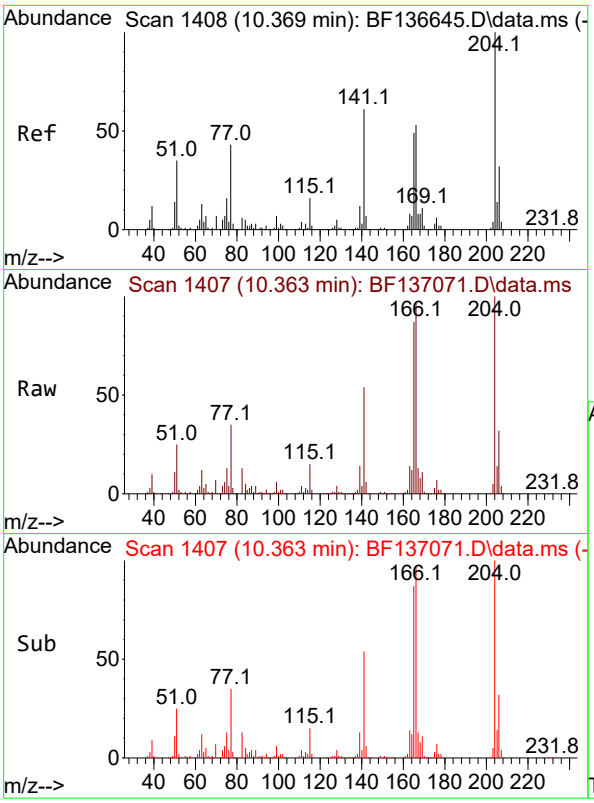




#60
Diethylphthalate
Concen: 40.794 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:149 Resp: 229063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.1 | 16.9 | 25.3 |
| 150 | 11.8 | 9.3 | 13.9 |



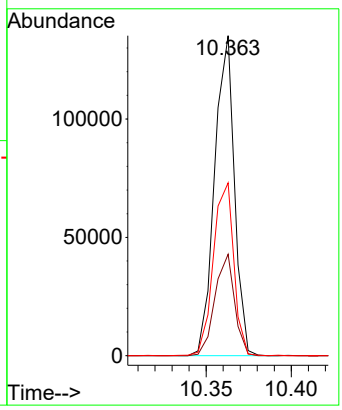


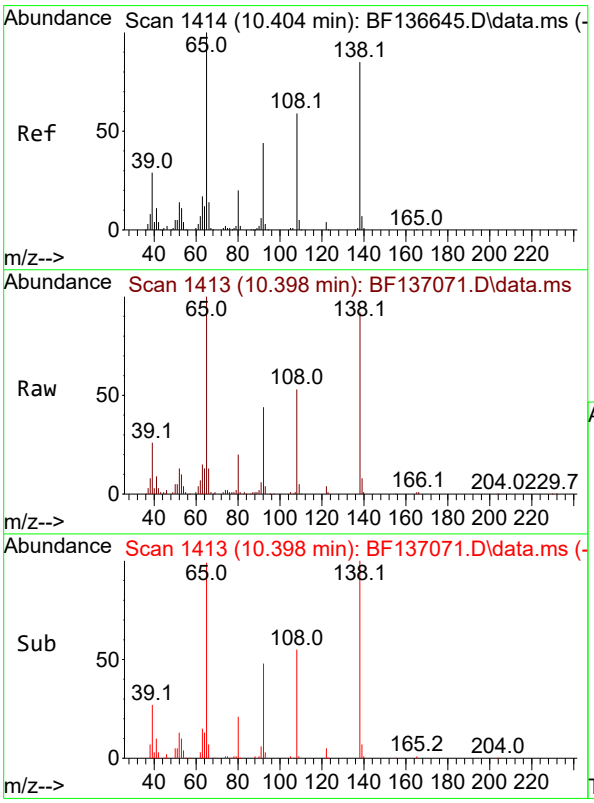

#61
4-Chlorophenyl-phenylether
Concen: 41.814 ng
RT: 10.363 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:204 Resp: 109475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.7 | 25.6 | 38.4 |
| 141 | 54.0 | 48.4 | 72.6 |

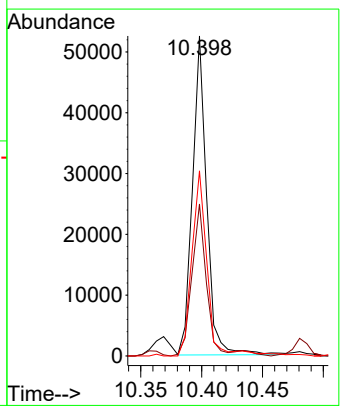


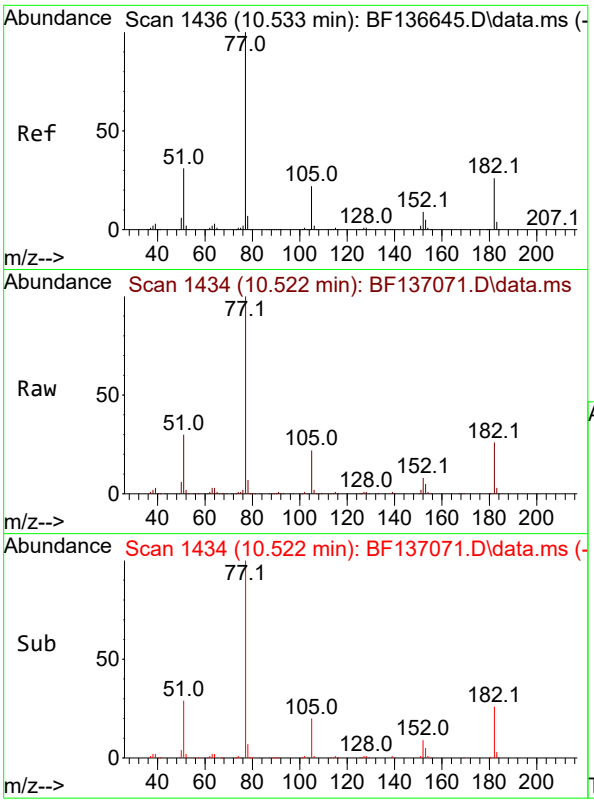




#62
4-Nitroaniline
Concen: 34.146 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:138 Resp: 42827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.5 | 32.1 | 72.1 |
| 108 | 57.9 | 50.1 | 90.1 |



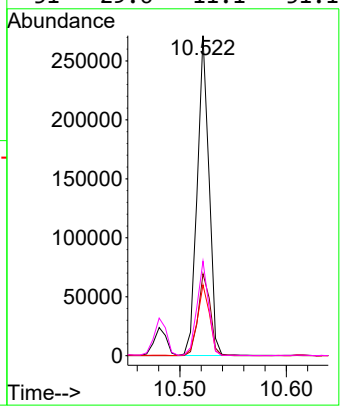


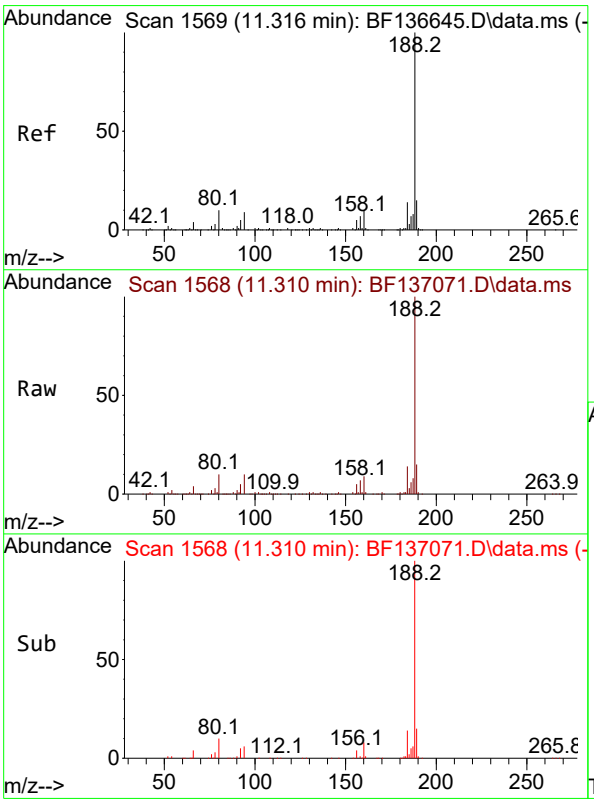

#63
Azobenzene
Concen: 39.732 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion: 77 Resp: 208372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.6 | 6.0 | 46.0 |
| 105 | 22.2 | 2.3 | 42.3 |
| 51 | 29.6 | 11.1 | 51.1 |

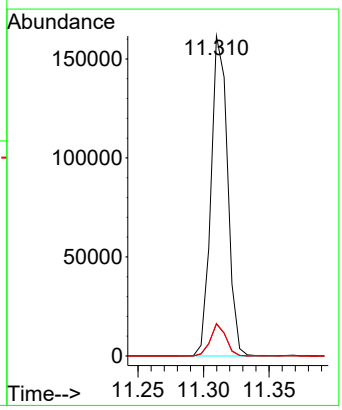


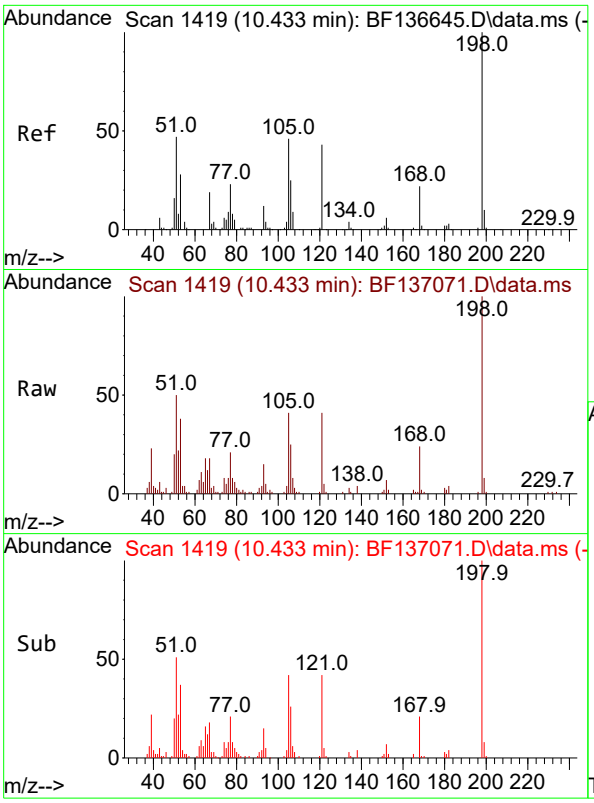




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:188 Resp: 142544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 7.5 | 11.3 |
| 80 | 10.2 | 8.1 | 12.1 |



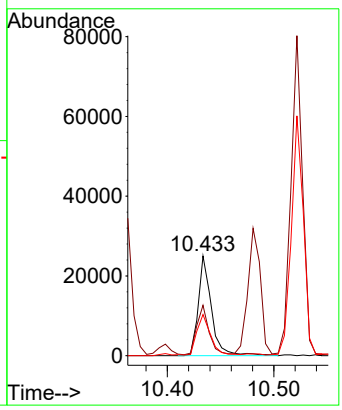


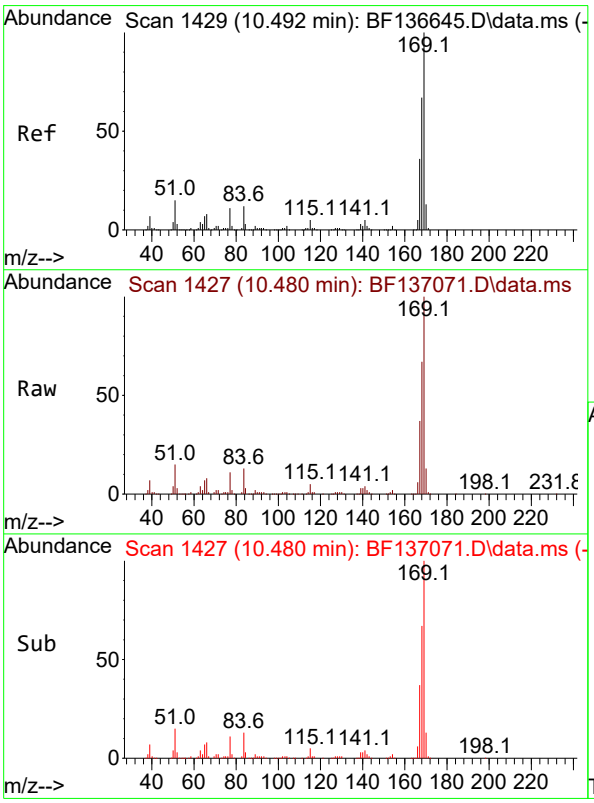

#65
4,6-Dinitro-2-methylphenol
Concen: 26.338 ng
RT: 10.433 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:198 Resp: 21516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 50.5 | 34.1 | 74.1 |
| 105 | 41.2 | 27.3 | 67.3 |

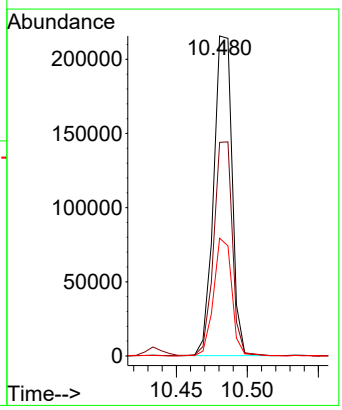


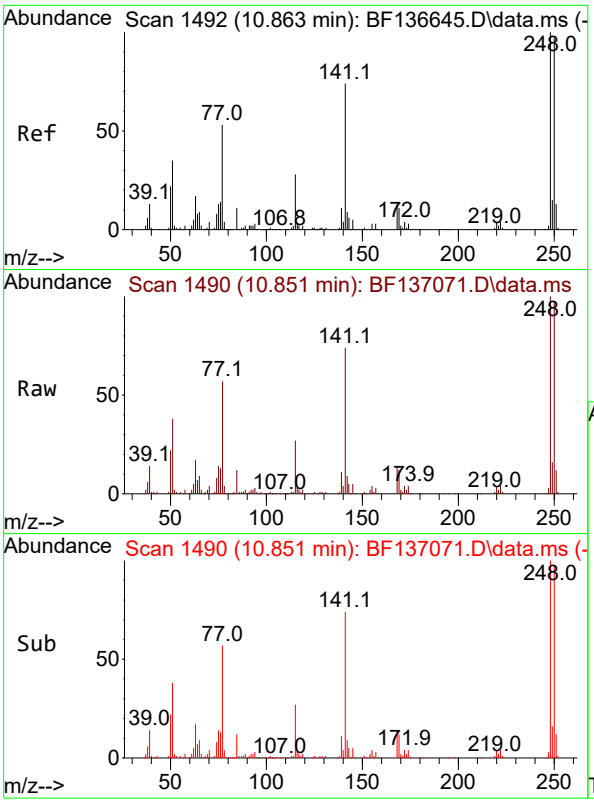




#66
n-Nitrosodiphenylamine
Concen: 42.145 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:169 Resp: 195151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 53.8 | 80.6 |
| 167 | 36.8 | 28.7 | 43.1 |



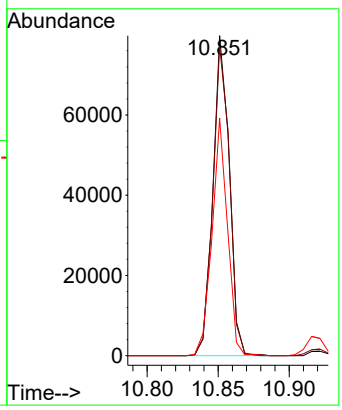


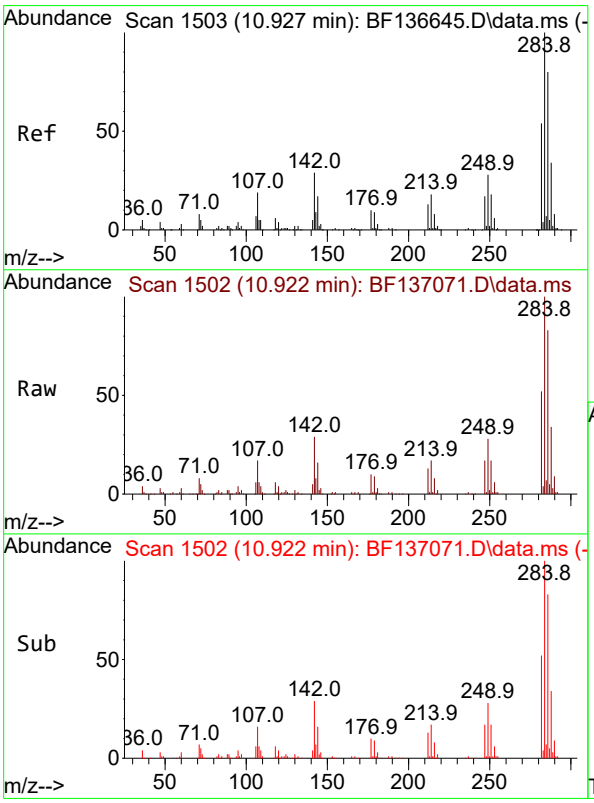

#67
4-Bromophenyl-phenylether
Concen: 40.389 ng
RT: 10.851 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:248 Resp: 63938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 77.8 | 116.6 |
| 141 | 74.2 | 59.2 | 88.8 |

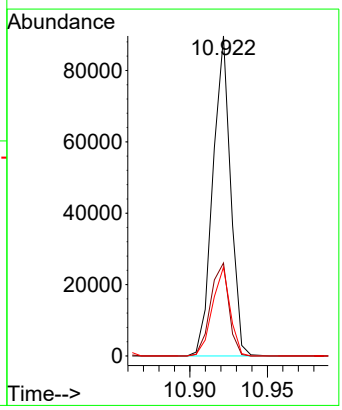


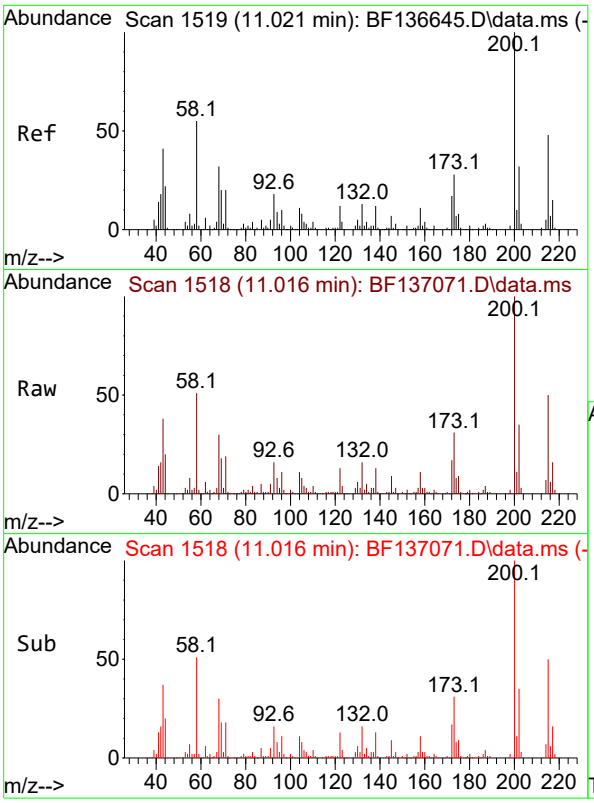




#68
Hexachlorobenzene
Concen: 40.453 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:284 Resp: 71366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.0 | 23.4 | 35.0 |
| 249 | 27.7 | 22.3 | 33.5 |



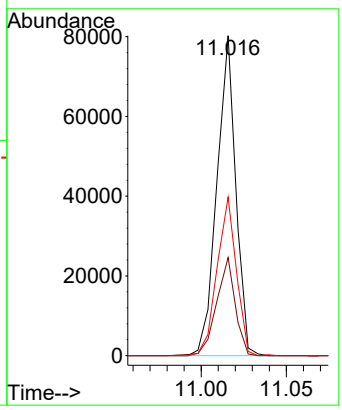


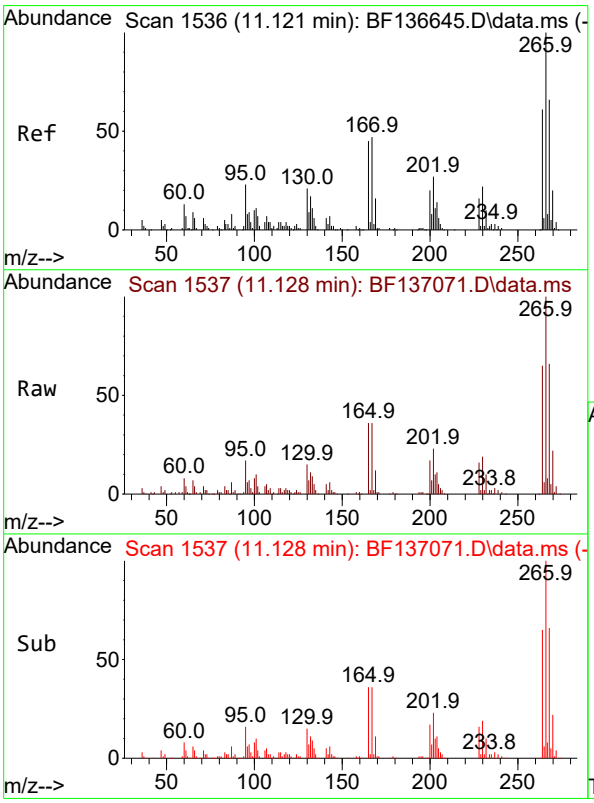

#69
Atrazine
Concen: 52.200 ng
RT: 11.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:200 Resp: 61823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 30.6 | 7.6 | 47.6 |
| 215 | 49.6 | 28.3 | 68.3 |

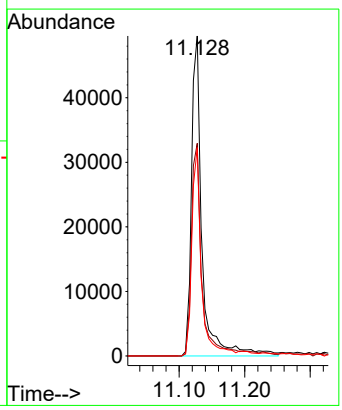


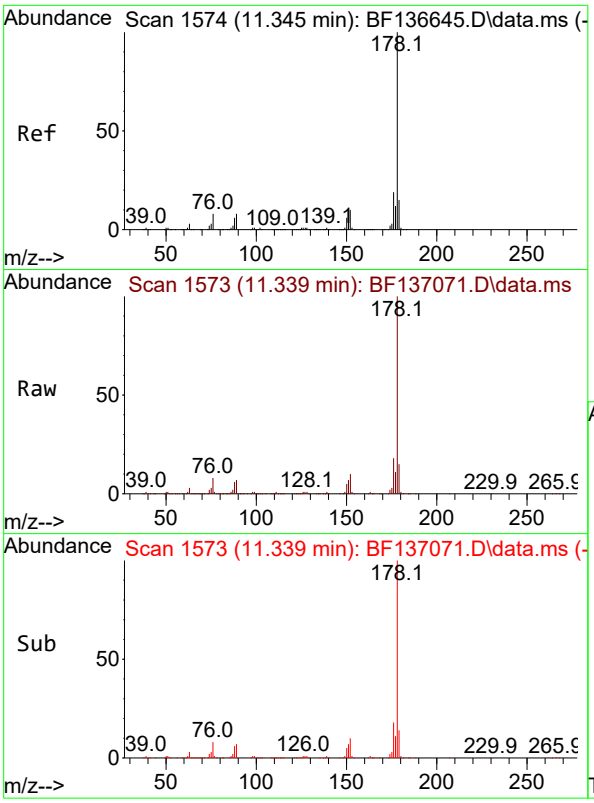




#70
Pentachlorophenol
Concen: 67.594 ng
RT: 11.128 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:266 Resp: 55583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.5 | 52.6 | 78.8 |
| 264 | 65.1 | 49.0 | 73.4 |



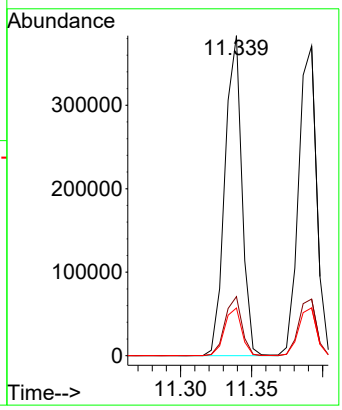


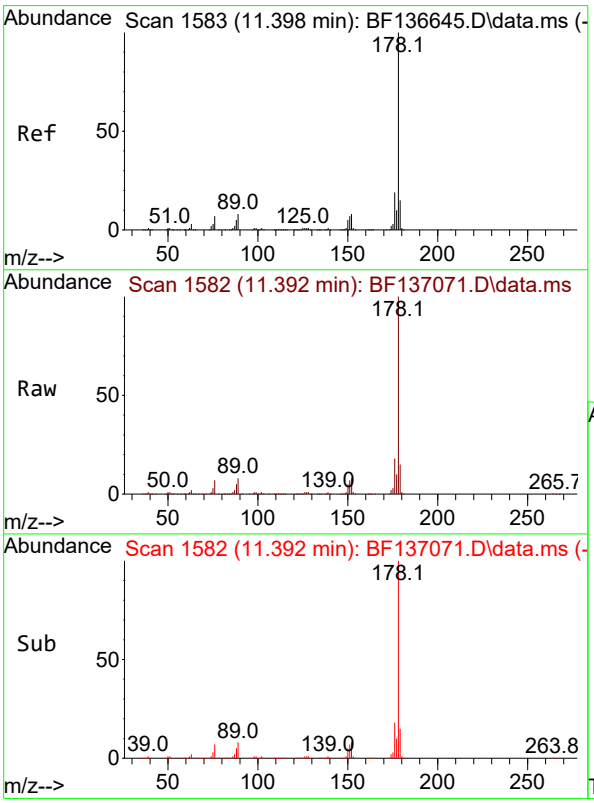

#71
Phenanthrene
Concen: 43.508 ng
RT: 11.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:178 Resp: 318220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.3 | 22.9 |
| 179 | 14.9 | 11.9 | 17.9 |

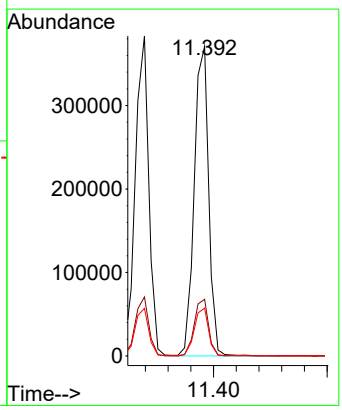


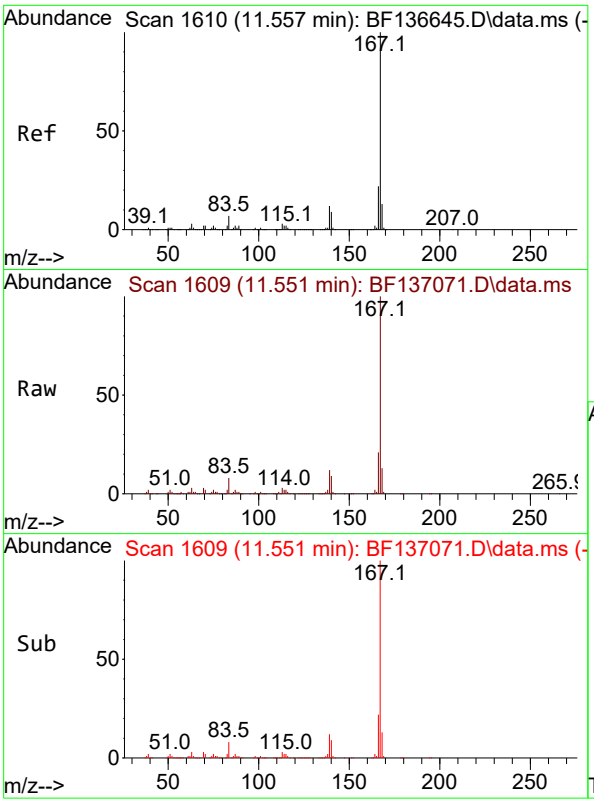




#72
Anthracene
Concen: 44.206 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:178 Resp: 327438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.9 | 22.3 |
| 179 | 15.5 | 11.8 | 17.6 |



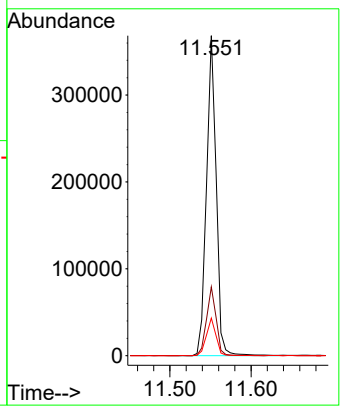


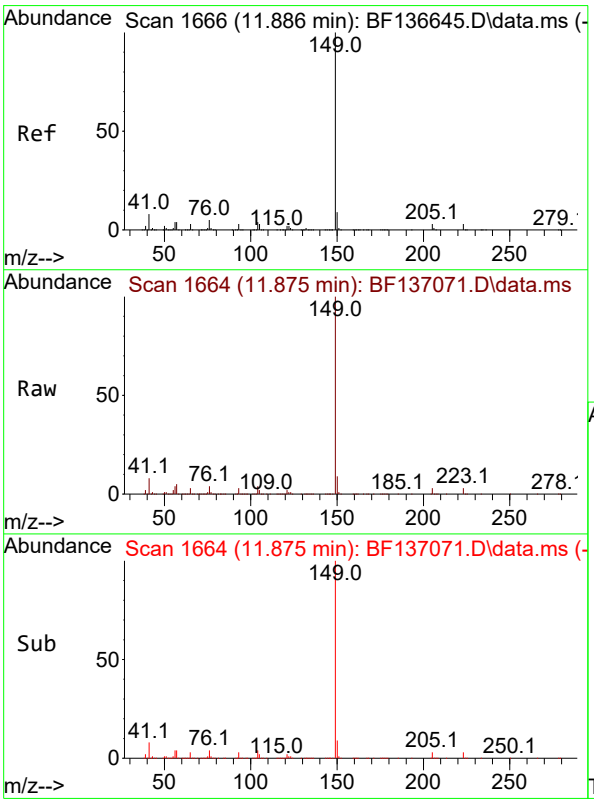

#73
Carbazole
Concen: 43.691 ng
RT: 11.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:167 Resp: 305122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.3 | 25.9 |
| 139 | 11.7 | 9.8 | 14.6 |

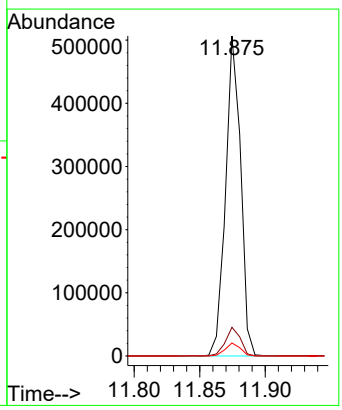


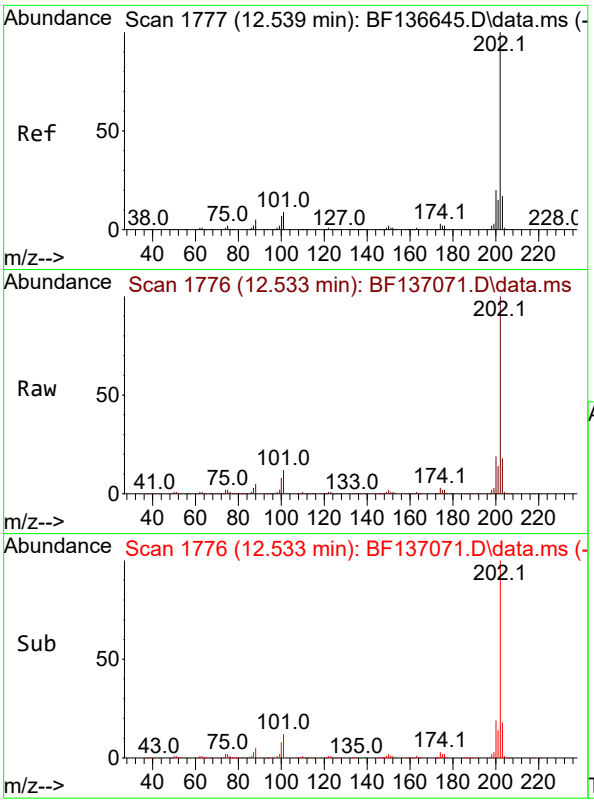




#74
Di-n-butylphthalate
Concen: 47.305 ng
RT: 11.875 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:149 Resp: 403116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.4 | 11.2 |
| 104 | 4.0 | 3.6 | 5.4 |



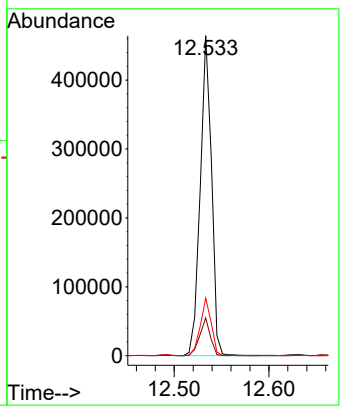


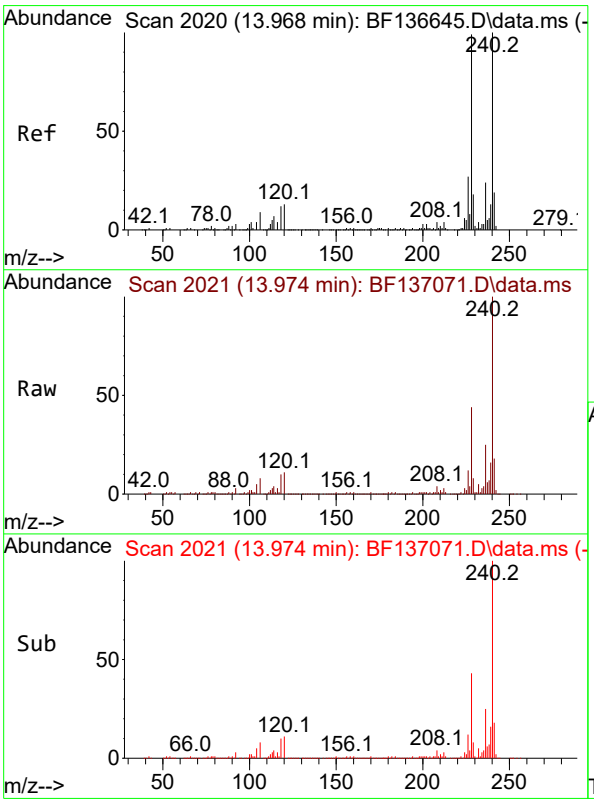

#75
Fluoranthene
Concen: 49.290 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:202 Resp: 385617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 0.0 | 29.3 |
| 203 | 18.0 | 0.0 | 37.1 |

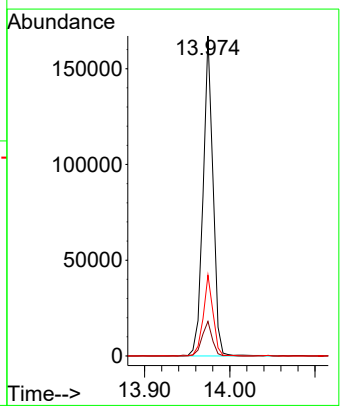


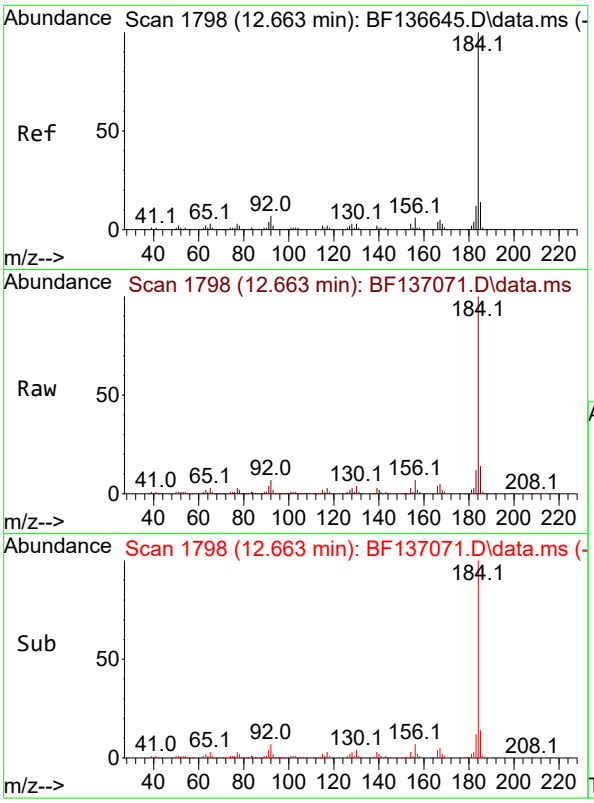




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:240 Resp: 135428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 10.3 | 15.5 |
| 236 | 25.2 | 19.4 | 29.2 |



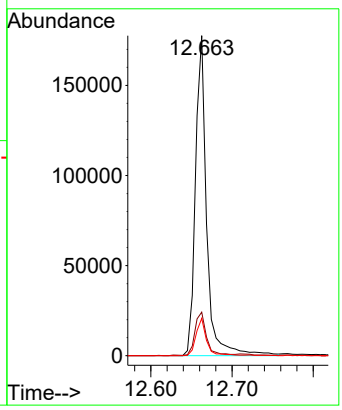


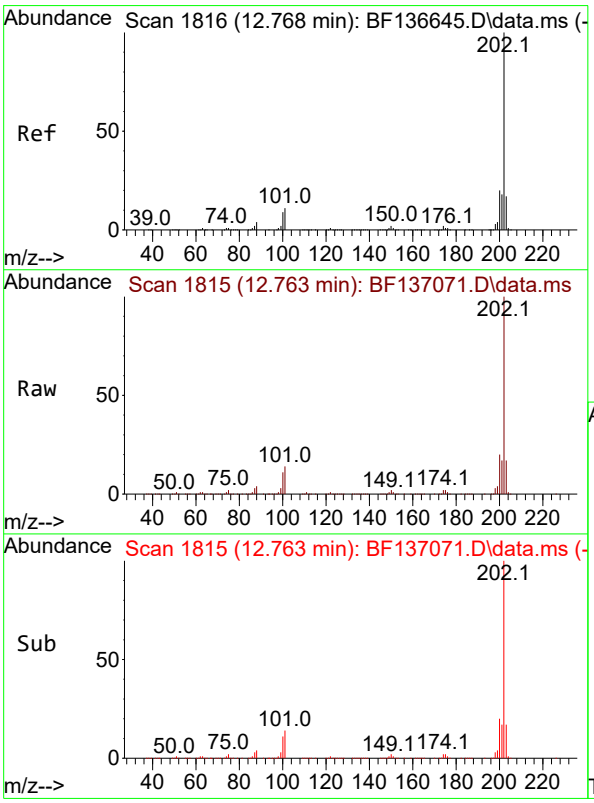

#77
Benzidine
Concen: 42.986 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:184 Resp: 171651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.6 | 11.2 | 16.8 |
| 183 | 11.7 | 9.3 | 13.9 |

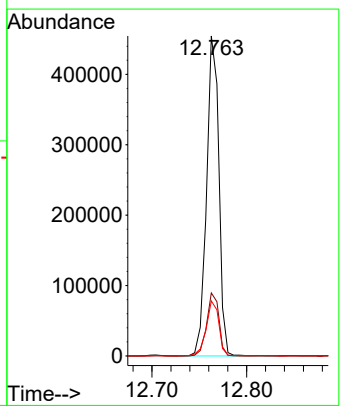


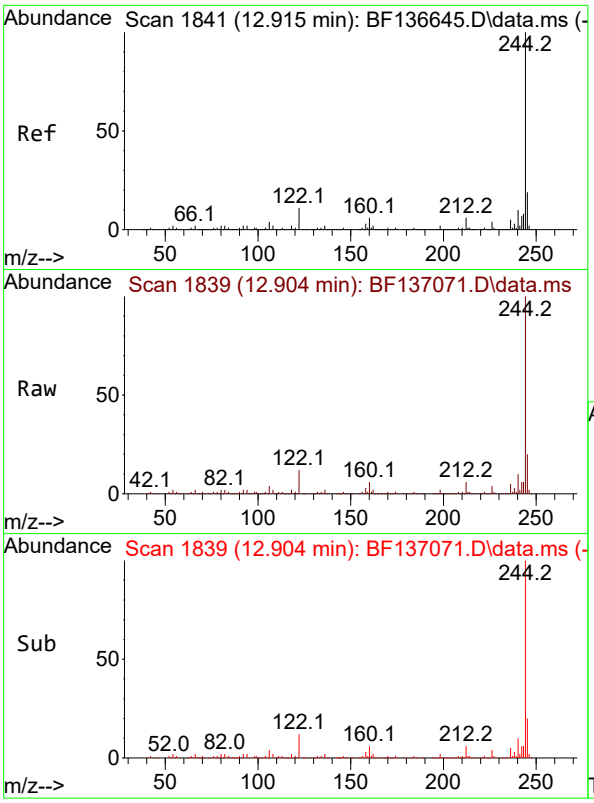




#78
Pyrene
Concen: 30.810 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:202 Resp: 409603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.7 | 15.9 | 23.9 |
| 203 | 17.2 | 13.8 | 20.6 |



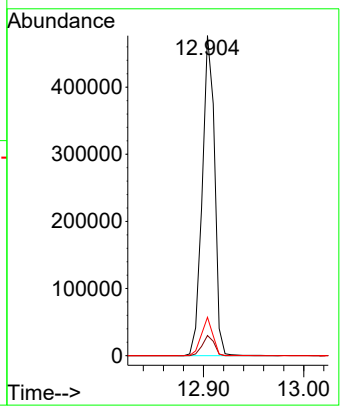


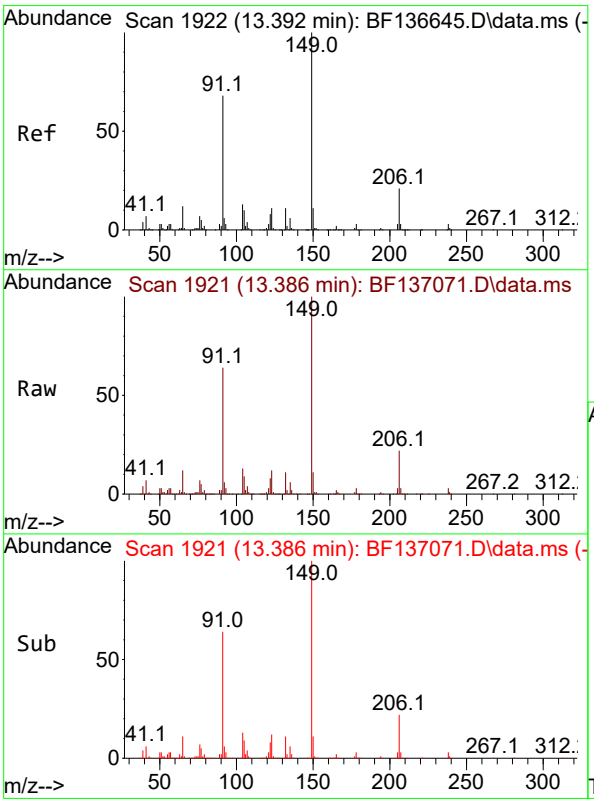

#79
Terphenyl-d14
Concen: 42.396 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:244 Resp: 410858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.0 | 7.4 |
| 122 | 12.0 | 9.0 | 13.4 |

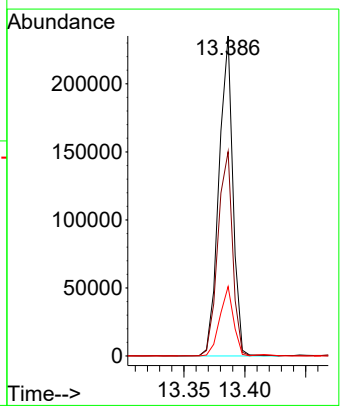


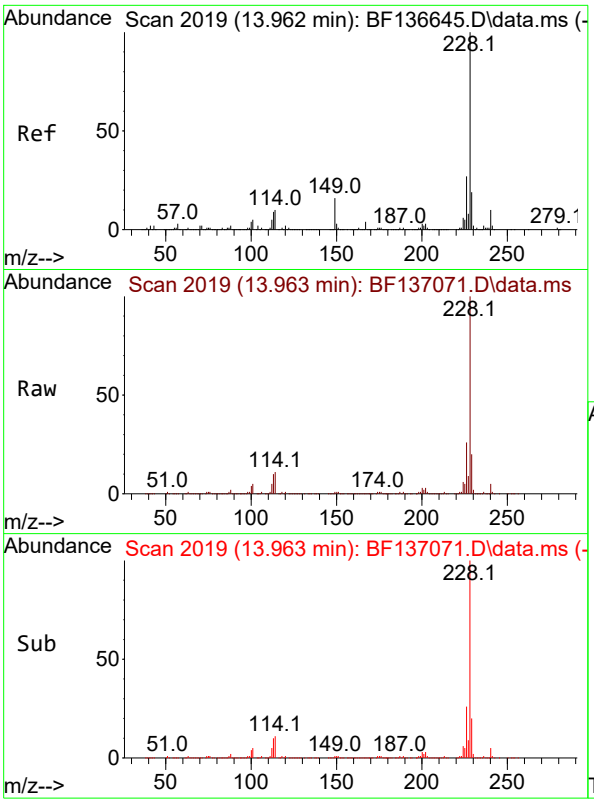




#80
Butylbenzylphthalate
Concen: 38.891 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:149 Resp: 188135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.9 | 54.1 | 81.1 |
| 206 | 21.7 | 17.1 | 25.7 |



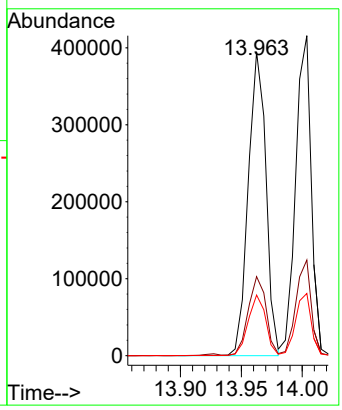


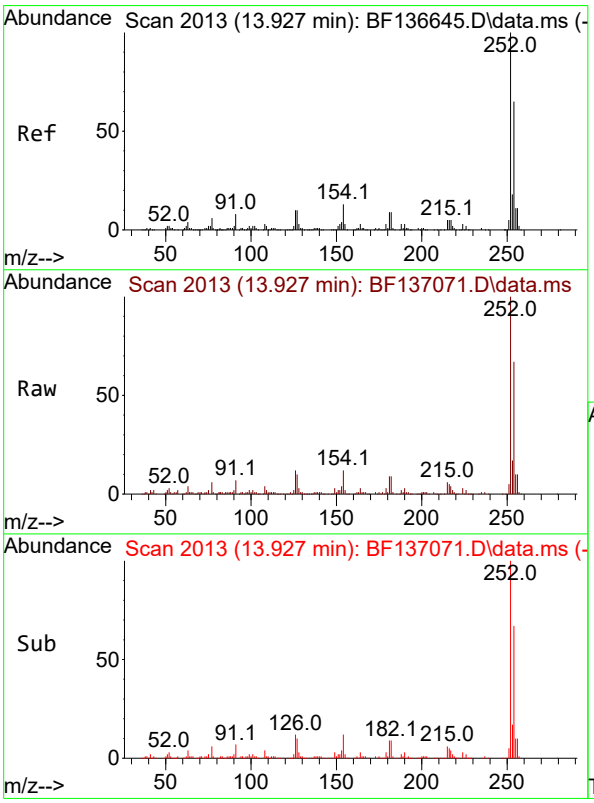

#81
Benzo(a)anthracene
Concen: 42.426 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:228 Resp: 398974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.0 | 21.4 | 32.0 |
| 229 | 20.0 | 14.9 | 22.3 |

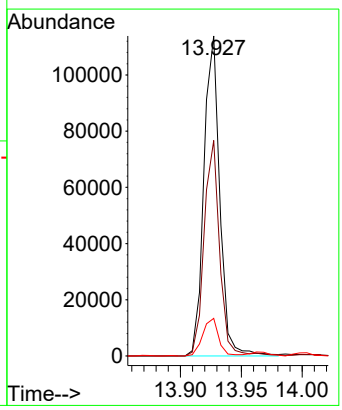


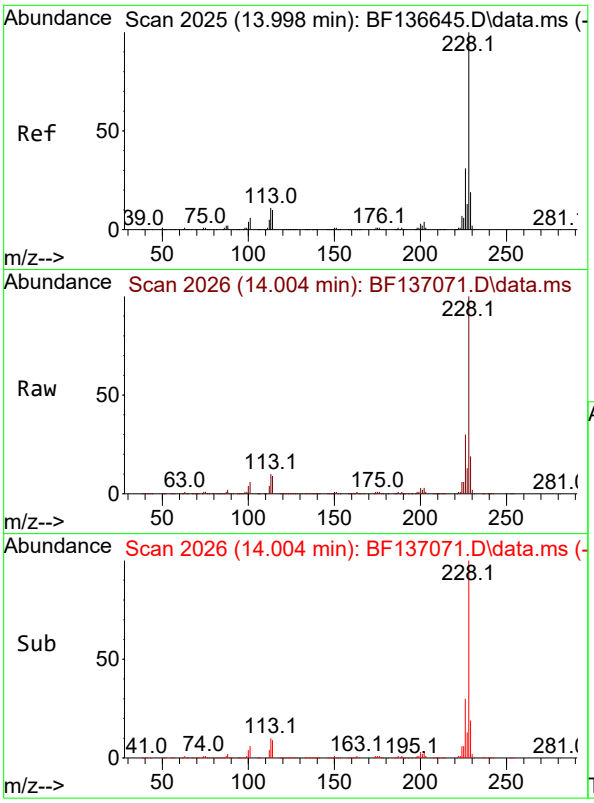




#82
3,3'-Dichlorobenzidine
Concen: 38.849 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:252 Resp: 103752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 67.4 | 52.2 | 78.4 |
| 126 | 11.7 | 8.0 | 12.0 |



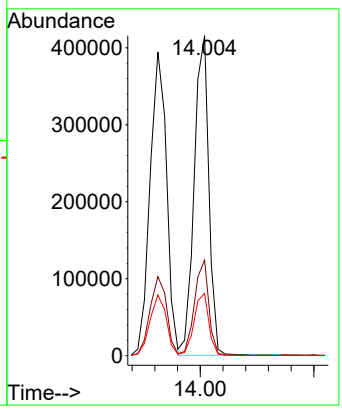


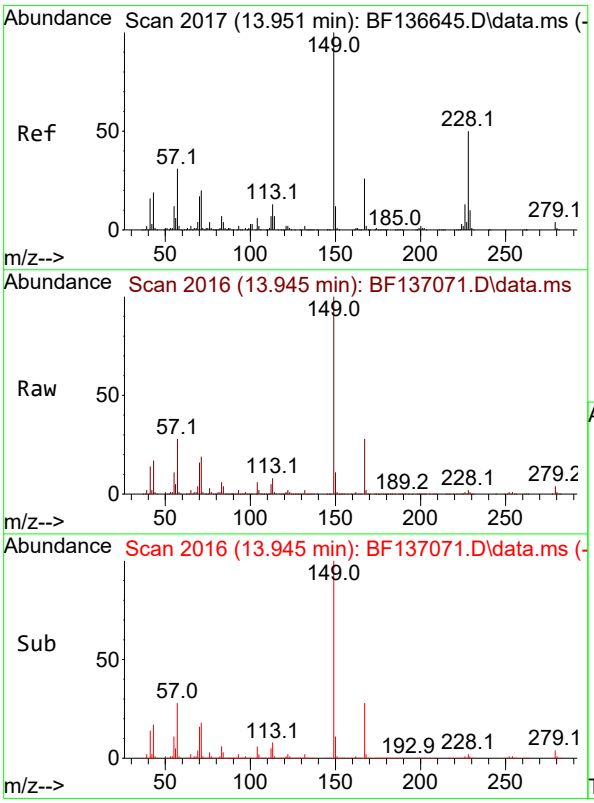

#83
Chrysene
Concen: 40.402 ng
RT: 14.004 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:228 Resp: 371538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 24.7 | 37.1 |
| 229 | 19.5 | 15.4 | 23.0 |

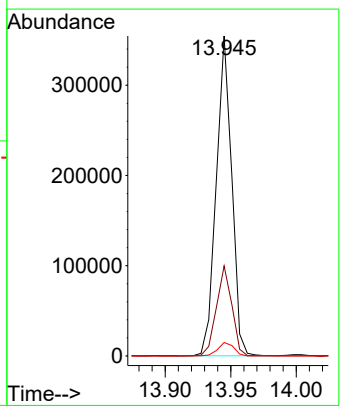


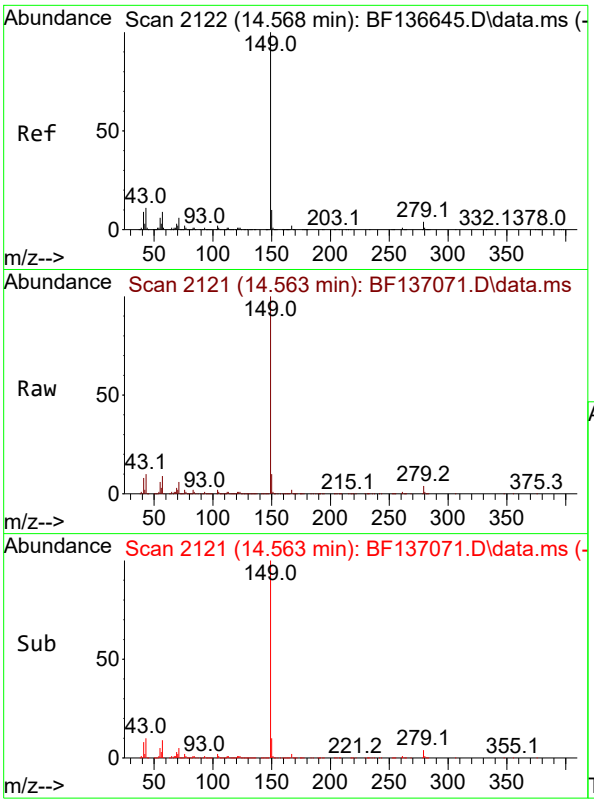




#84
Bis(2-ethylhexyl)phthalate
Concen: 47.599 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:149 Resp: 289711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 20.9 | 31.3 |
| 279 | 4.2 | 2.9 | 4.3 |



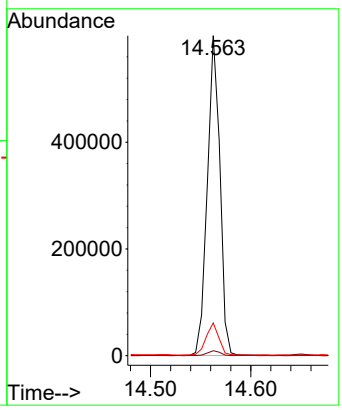


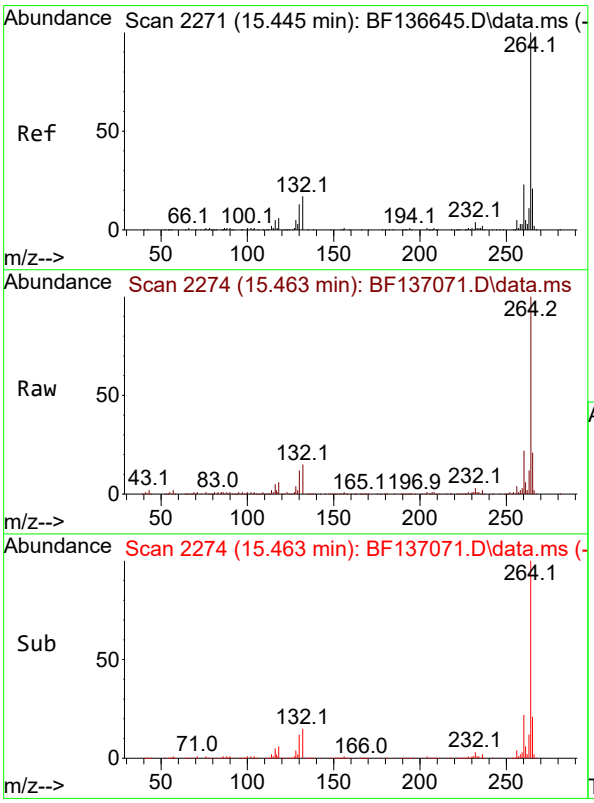

#85
Di-n-octyl phthalate
Concen: 55.619 ng
RT: 14.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:149 Resp: 523645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 10.1 | 8.9 | 13.3 |

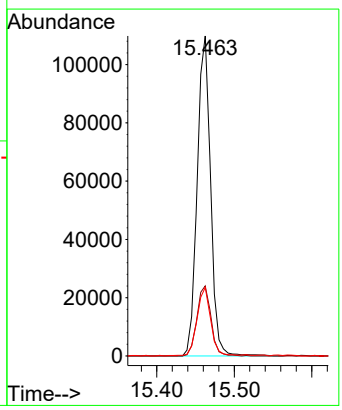


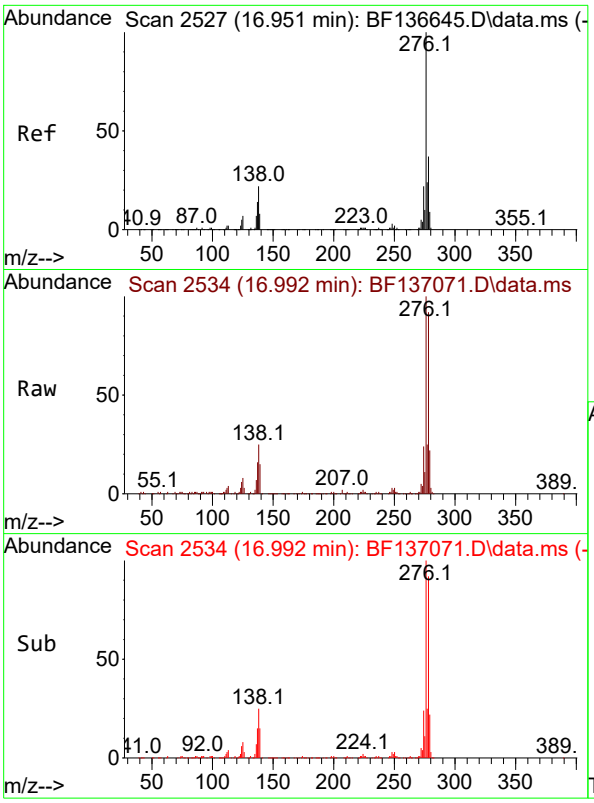




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:264 Resp: 131630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 18.3 | 27.5 |
| 265 | 21.4 | 17.0 | 25.6 |



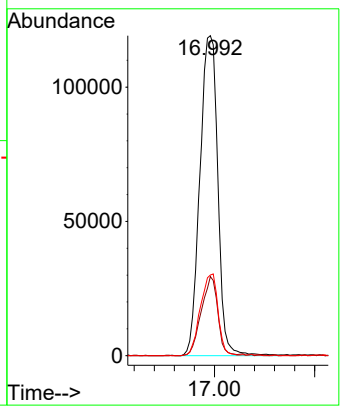


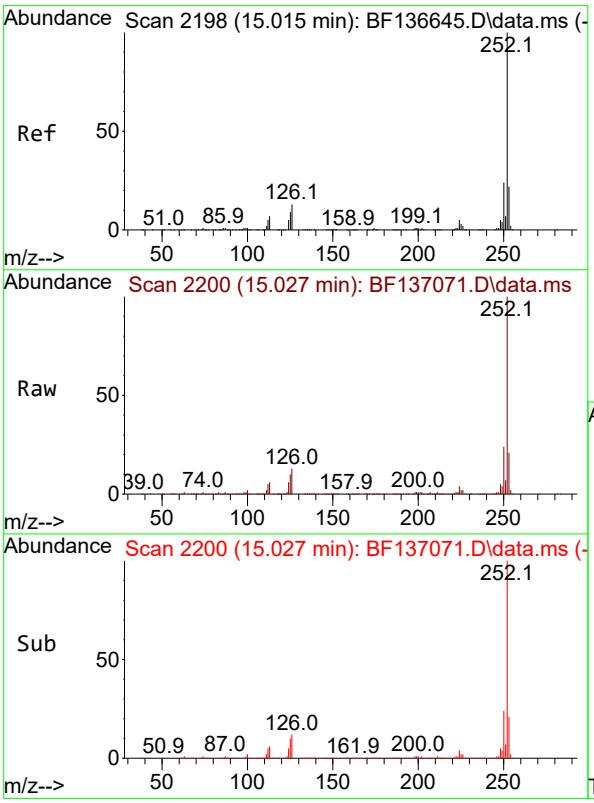

#87
Indeno(1,2,3-cd)pyrene
Concen: 31.130 ng
RT: 16.992 min Scan# 2
Delta R.T. 0.041 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:276 Resp: 295854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.6 | 18.7 | 28.1 |
| 277 | 25.1 | 20.2 | 30.2 |

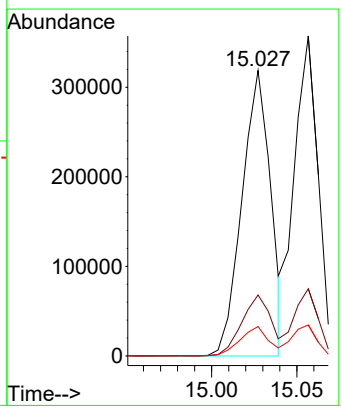


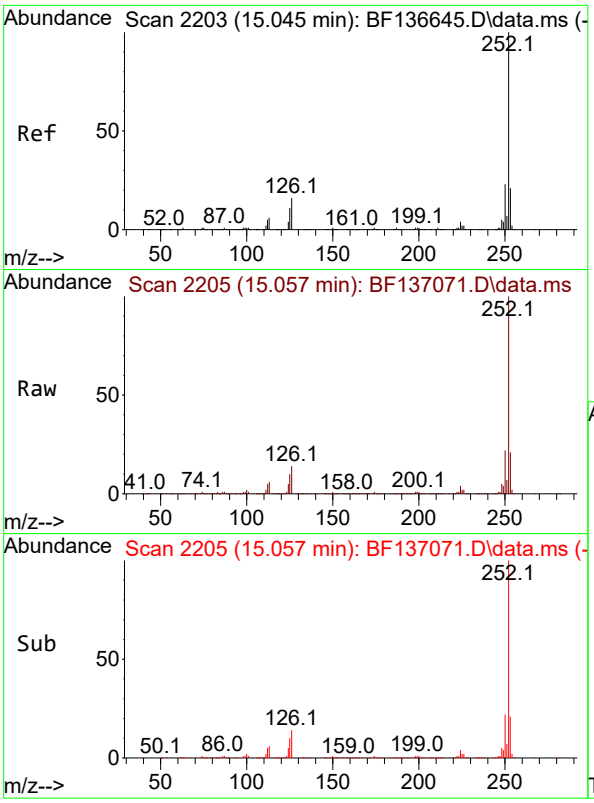




#88
Benzo(b)fluoranthene
Concen: 42.434 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:252 Resp: 373068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.4 | 26.0 |
| 125 | 10.3 | 7.4 | 11.2 |



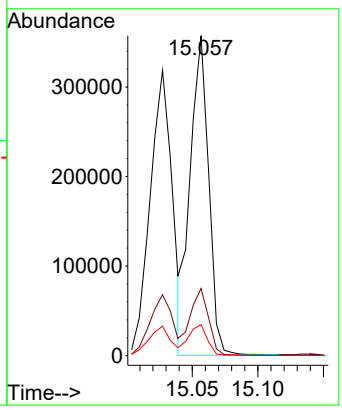


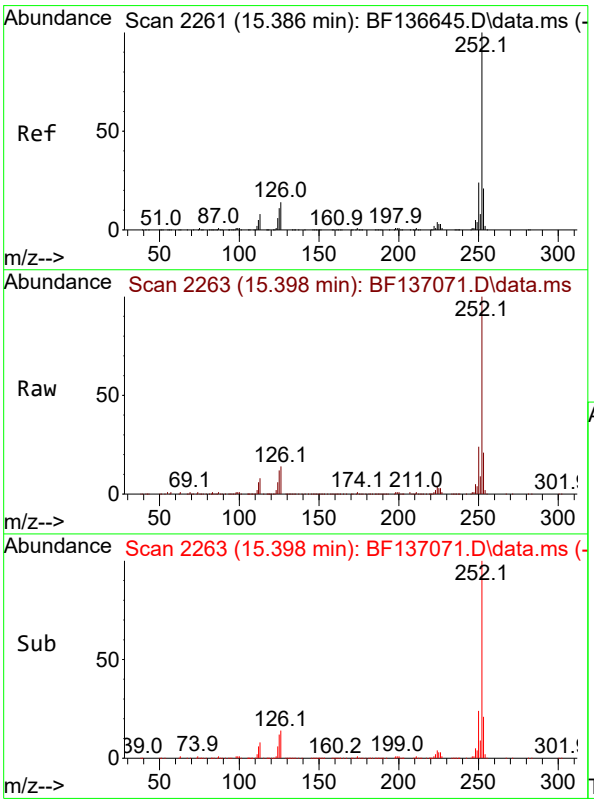

#89
Benzo(k)fluoranthene
Concen: 41.970 ng
RT: 15.057 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:252 Resp: 348658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.0 | 17.0 | 25.6 |
| 125 | 9.7 | 8.2 | 12.4 |

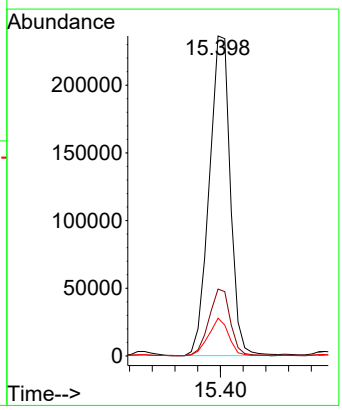


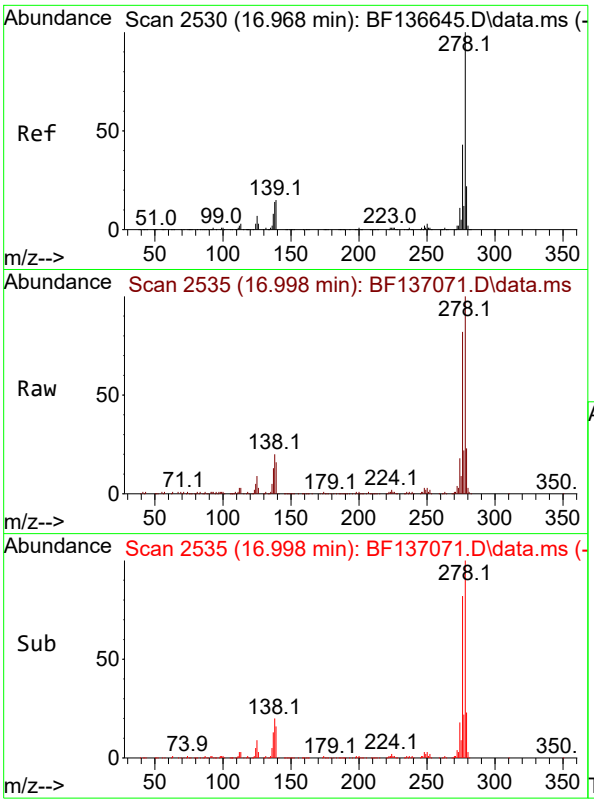




#90
Benzo(a)pyrene
Concen: 41.049 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:252 Resp: 304627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.9 | 17.0 | 25.6 |
| 125 | 11.8 | 8.8 | 13.2 |



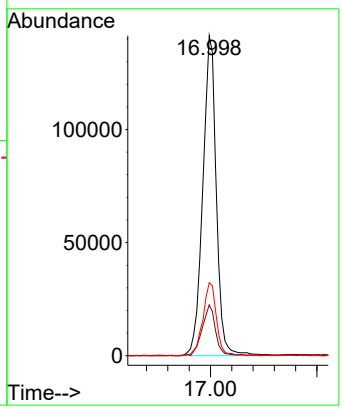


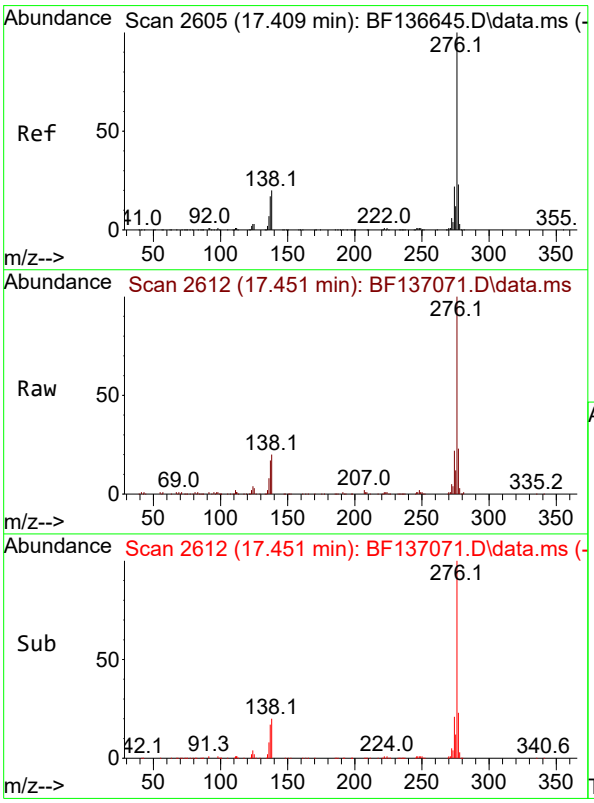

#91
Dibenzo(a,h)anthracene
Concen: 31.948 ng
RT: 16.998 min Scan# 2
Delta R.T. 0.030 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

**Instrument :**
BNA_F
**ClientSampleId :**
MR-309-37-39MS

Tgt Ion:278 Resp: 249097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.9 | 12.2 | 18.4 |
| 279 | 22.8 | 17.8 | 26.6 |




#92
Benzo(g,h,i)perylene
Concen: 27.588 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.041 min
Lab File: BF137071.D
Acq: 15 Jan 2024 19:06

Tgt Ion:276 Resp: 220313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.7 | 18.3 | 27.5 |
| 138 | 19.9 | 15.6 | 23.4 |