

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070225\  
 Data File : BF142970.D  
 Acq On : 02 Jul 2025 14:47  
 Operator : RC/JU  
 Sample : Q2458-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-67MS

Quant Time: Jul 02 15:18:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 54262    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 204360   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.916  | 164  | 107674   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 180519   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 104217   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 110887   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 258644   | 79.360 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 311719   | 81.068 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 189163   | 50.772 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 98863    | 89.223 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 418632   | 51.075 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.992 | 244  | 377340   | 50.027 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 50058    | 38.401 | ng    | 99       |
| 3) Pyridine                   | 3.416  | 79   | 133722   | 40.918 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 74305    | 43.969 | ng    | 100      |
| 6) Aniline                    | 6.534  | 93   | 157245   | 30.734 | ng    | # 85     |
| 8) 2-Chlorophenol             | 6.657  | 128  | 165164   | 46.979 | ng    | 97       |
| 9) Benzaldehyde               | 6.422  | 77   | 66411    | 29.112 | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 195825   | 45.816 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 142030   | 46.494 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 179443   | 45.638 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.893  | 146  | 182383   | 45.976 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 171473   | 45.573 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 133032   | 47.857 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.146  | 45   | 210155   | 42.819 | ng    | 89       |
| 17) 2-Methylphenol            | 7.128  | 107  | 123352   | 46.299 | ng    | 99       |
| 18) Hexachloroethane          | 7.387  | 117  | 64332    | 46.365 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 104156   | 46.574 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 159344   | 47.969 | ng    | 92       |
| 22) Acetophenone              | 7.281  | 105  | 214833   | 47.672 | ng    | 98       |
| 24) Nitrobenzene              | 7.457  | 77   | 155967   | 46.251 | ng    | 97       |
| 25) Isophorone                | 7.698  | 82   | 279477   | 46.761 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 89807    | 48.889 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 145599   | 45.758 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 176513   | 46.455 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 138978   | 48.171 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 146938   | 46.316 | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 470666   | 47.052 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 75024    | 46.260 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 74056    | 18.207 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.293  | 225  | 92047    | 47.433 | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 27427    | 36.026 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 139247   | 48.563 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 289570   | 46.693 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 305524   | 47.591 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.040  | 216  | 151415   | 47.658 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 159093   | 88.241 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 97907    | 47.292 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070225\  
 Data File : BF142970.D  
 Acq On : 02 Jul 2025 14:47  
 Operator : RC/JU  
 Sample : Q2458-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

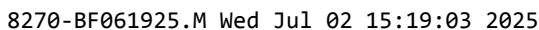
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-67MS

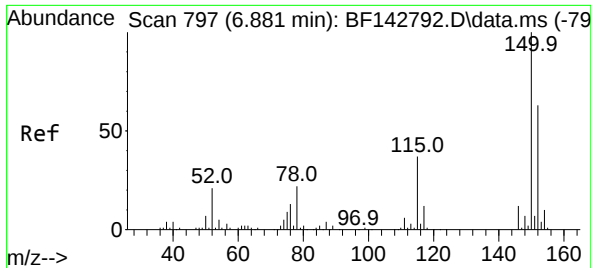
Quant Time: Jul 02 15:18:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 101353   | 46.506 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 401217   | 47.171 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 300447   | 47.071 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.457  | 65   | 88162    | 49.267 | ng    | 99       |
| 49) Acenaphthylene            | 9.781  | 152  | 495833   | 47.188 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 344572   | 49.438 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 76844    | 50.204 | ng    | 95       |
| 52) Acenaphthene              | 9.951  | 154  | 290198   | 45.266 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 46603    | 27.654 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.987  | 184  | 76377    | 99.655 | ng    | 96       |
| 55) Dibenzofuran              | 10.122 | 168  | 443336   | 48.225 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 114497   | 99.242 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 104944   | 51.617 | ng    | 96       |
| 58) Fluorene                  | 10.469 | 166  | 351193   | 48.915 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 87628    | 49.883 | ng    | 95       |
| 60) Diethylphthalate          | 10.334 | 149  | 353027   | 51.659 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 168016   | 49.041 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 80381    | 52.153 | ng    | 98       |
| 63) Azobenzene                | 10.616 | 77   | 314566   | 51.503 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 53566    | 49.058 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 300659   | 48.057 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 99985    | 48.667 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 111064   | 48.651 | ng    | 99       |
| 69) Atrazine                  | 11.104 | 200  | 92183    | 57.059 | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 105094   | 92.386 | ng    | 99       |
| 71) Phenanthrene              | 11.433 | 178  | 477581   | 48.839 | ng    | 100      |
| 72) Anthracene                | 11.486 | 178  | 489090   | 48.768 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 431756   | 49.887 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 518905   | 57.554 | ng    | 99       |
| 75) Fluoranthene              | 12.622 | 202  | 456472   | 49.186 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 120231   | 30.706 | ng    | 99       |
| 78) Pyrene                    | 12.851 | 202  | 446599   | 45.717 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 160365   | 56.593 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 342784   | 48.756 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 38302    | 16.796 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 303931   | 48.447 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.022 | 149  | 205005   | 50.284 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 317463   | 41.295 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.068 | 276  | 374660   | 44.359 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 330476   | 51.505 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 300146   | 49.999 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 308547   | 49.776 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.074 | 278  | 301867   | 43.987 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 296284   | 43.296 | ng    | 98       |

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

Quant Time: Jul 02 15:18:18 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 24 05:28:21 2025  
Response via : Initial Calibration

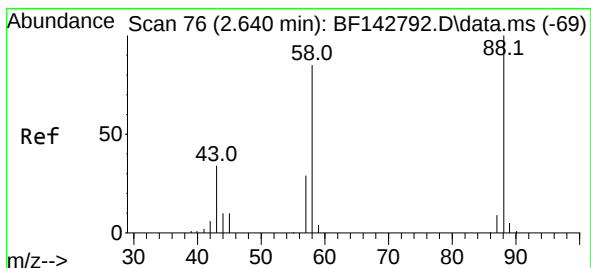
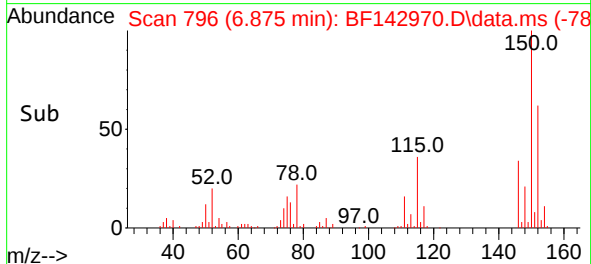
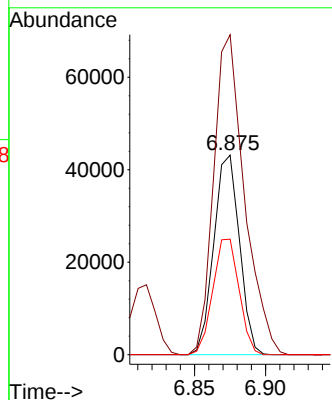
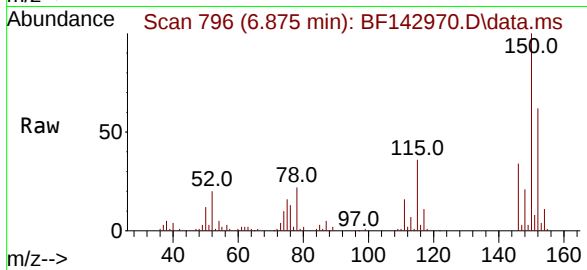




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 79  
 Delta R.T. -0.006 min  
 Lab File: BF142970.D  
 Acq: 02 Jul 2025 14:47

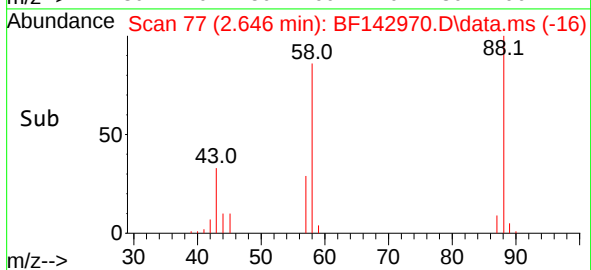
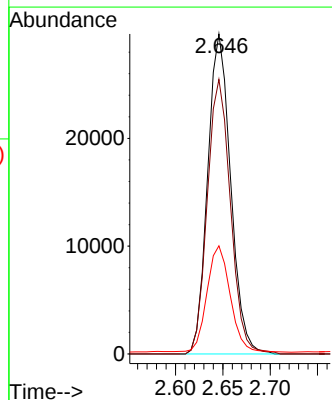
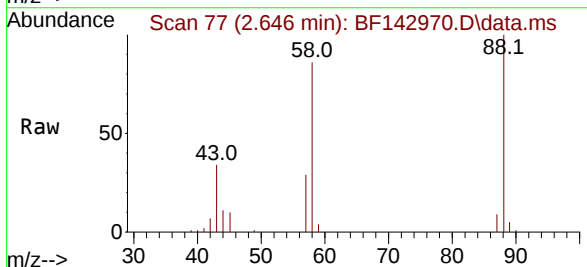
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-67MS

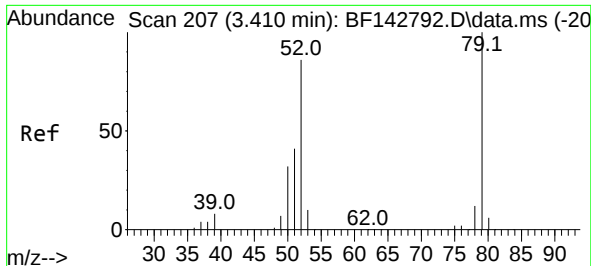
Tgt Ion:152 Resp: 54262  
 Ion Ratio Lower Upper  
 152 100  
 150 160.4 127.2 190.8  
 115 57.9 46.6 69.8



#2  
 1,4-Dioxane  
 Concen: 38.401 ng  
 RT: 2.646 min Scan# 77  
 Delta R.T. 0.006 min  
 Lab File: BF142970.D  
 Acq: 02 Jul 2025 14:47

Tgt Ion: 88 Resp: 50058  
 Ion Ratio Lower Upper  
 88 100  
 58 86.8 69.1 103.7  
 43 33.6 27.4 41.2

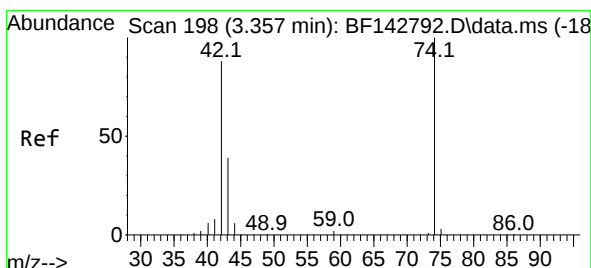
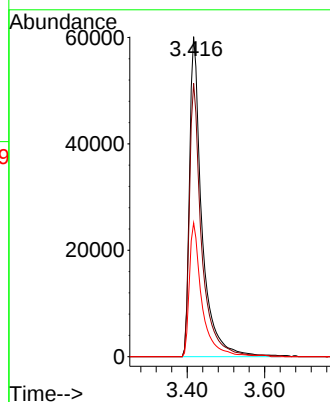
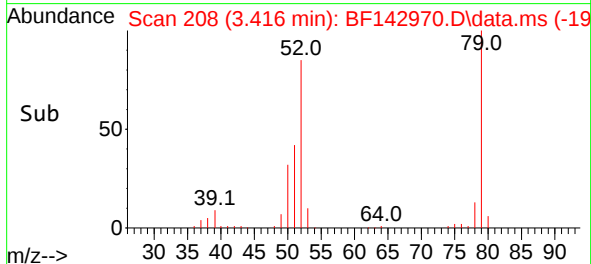
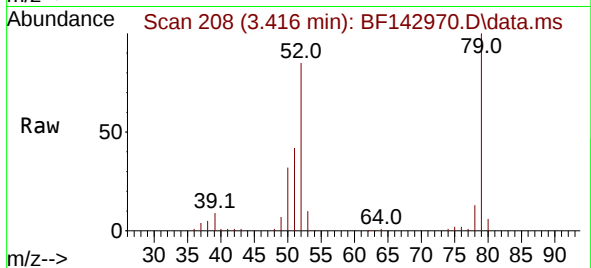




#3  
Pyridine  
Concen: 40.918 ng  
RT: 3.416 min Scan# 207  
Delta R.T. 0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

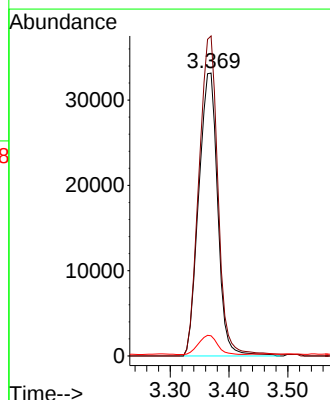
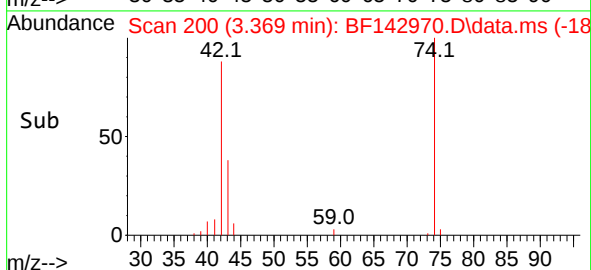
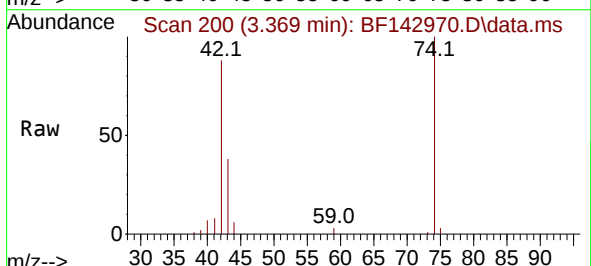
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

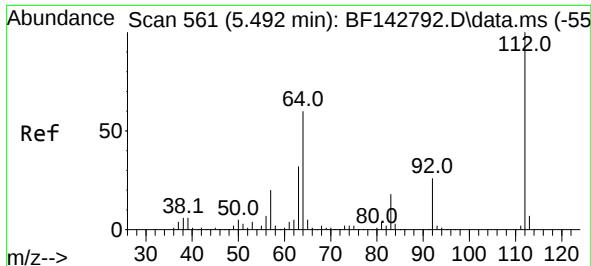
Tgt Ion: 79 Resp: 133722  
Ion Ratio Lower Upper  
79 100  
52 85.4 69.2 103.8  
51 41.8 33.2 49.8



#4  
n-Nitrosodimethylamine  
Concen: 43.969 ng  
RT: 3.369 min Scan# 200  
Delta R.T. 0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion: 42 Resp: 74305  
Ion Ratio Lower Upper  
42 100  
74 113.1 90.9 136.3  
44 7.2 5.8 8.6

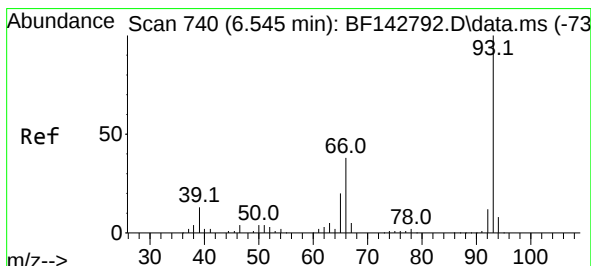
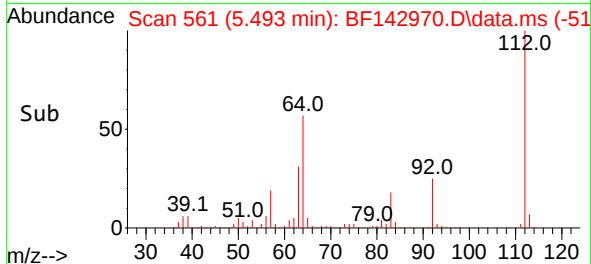
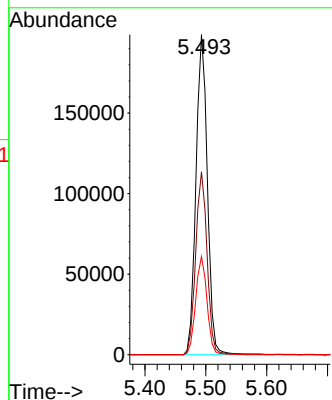
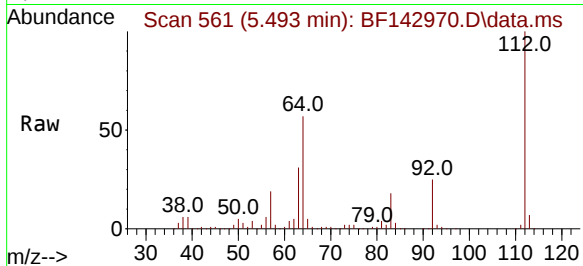




#5  
2-Fluorophenol  
Concen: 79.360 ng  
RT: 5.493 min Scan# 501  
Delta R.T. 0.001 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

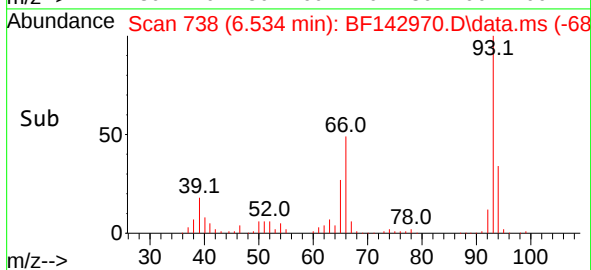
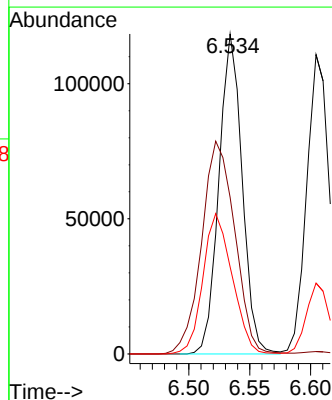
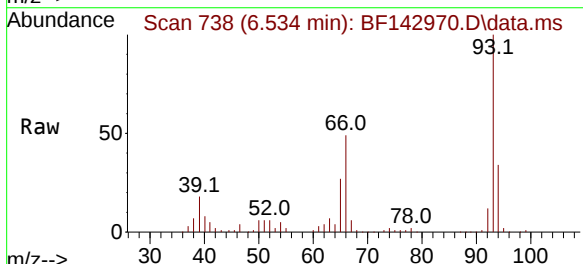
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

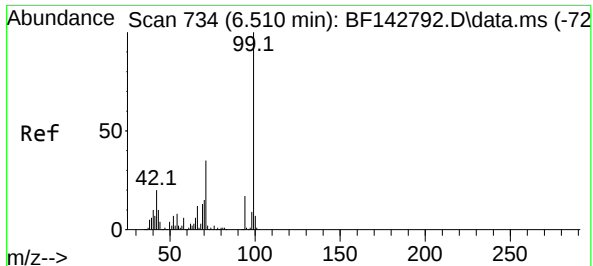
Tgt Ion:112 Resp: 258644  
Ion Ratio Lower Upper  
112 100  
64 57.2 48.2 72.2  
63 30.7 25.7 38.5



#6  
Aniline  
Concen: 30.734 ng  
RT: 6.534 min Scan# 738  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion: 93 Resp: 157245  
Ion Ratio Lower Upper  
93 100  
66 49.0 31.8 47.6#  
65 27.2 16.2 24.2#

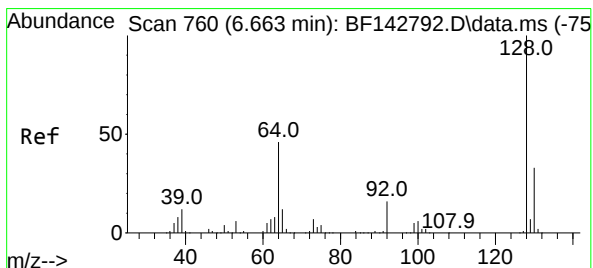
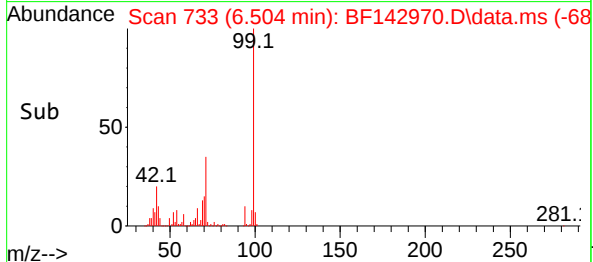
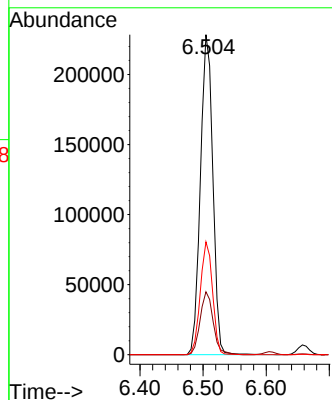
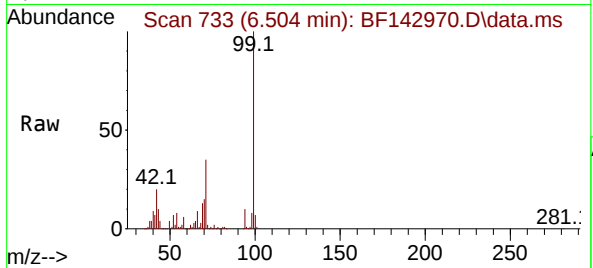




#7  
Phenol-d6  
Concen: 81.068 ng  
RT: 6.504 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

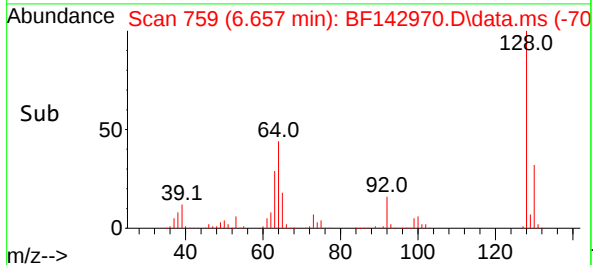
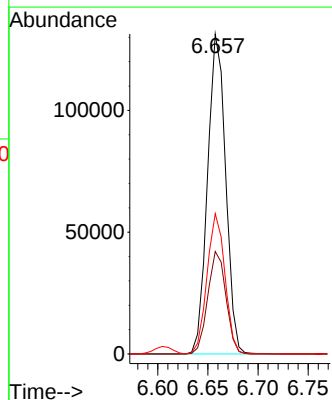
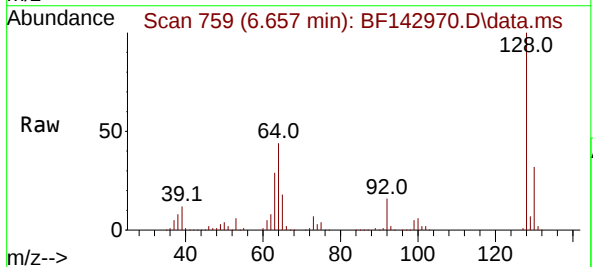
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

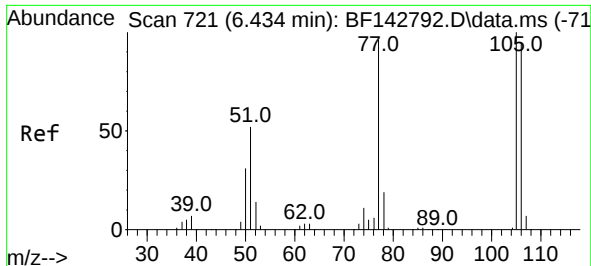
Tgt Ion: 99 Resp: 311719  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.9 23.9  
71 35.3 27.8 41.8



#8  
2-Chlorophenol  
Concen: 46.979 ng  
RT: 6.657 min Scan# 759  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion: 128 Resp: 165164  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.7 52.7  
64 43.9 26.5 66.5

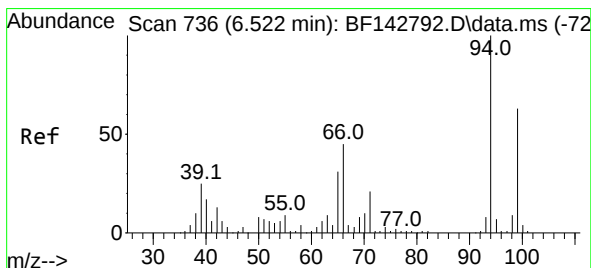
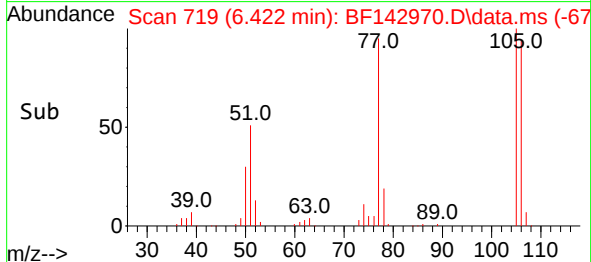
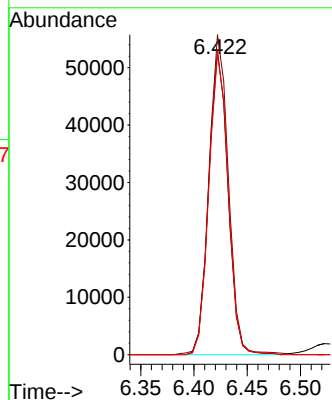
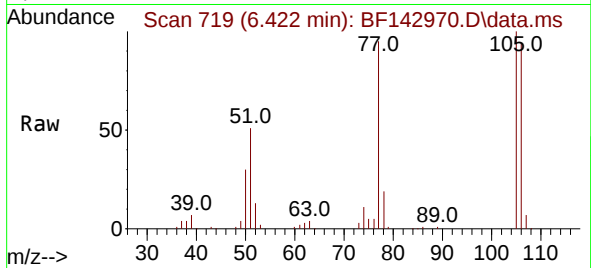




#9  
Benzaldehyde  
Concen: 29.112 ng  
RT: 6.422 min Scan# 719  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

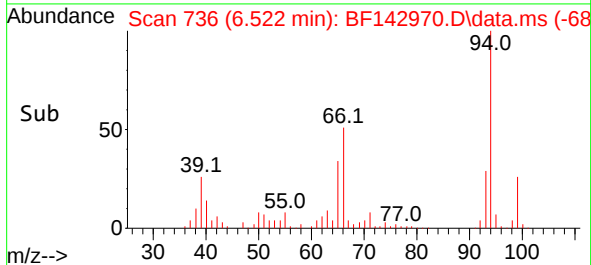
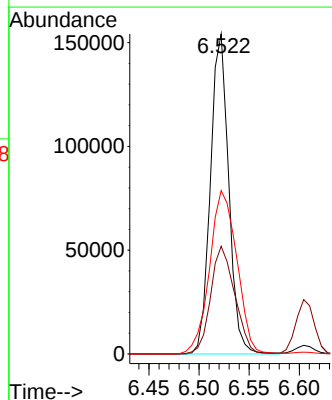
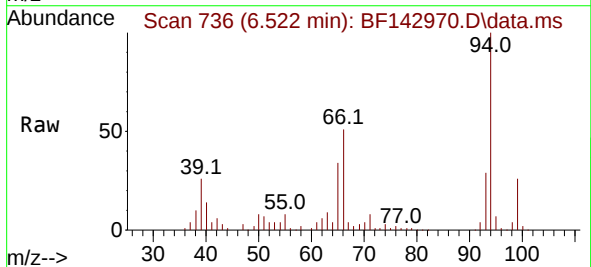
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 66411 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 105.3   | 83.8 123.8  |
| 106 99.0    | 78.7 118.7  |



#10  
Phenol  
Concen: 45.816 ng  
RT: 6.522 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

|             |              |
|-------------|--------------|
| Tgt Ion: 94 | Resp: 195825 |
| Ion Ratio   | Lower Upper  |
| 94 100      |              |
| 65 33.7     | 11.3 51.3    |
| 66 51.1     | 24.9 64.9    |

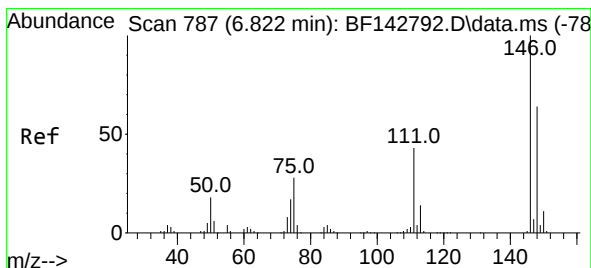
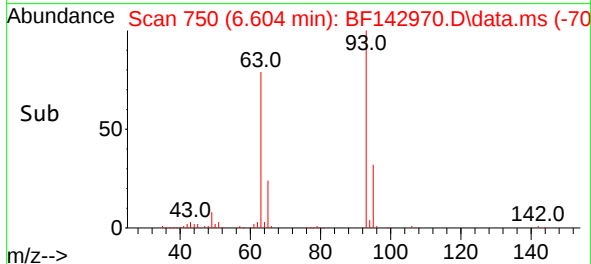
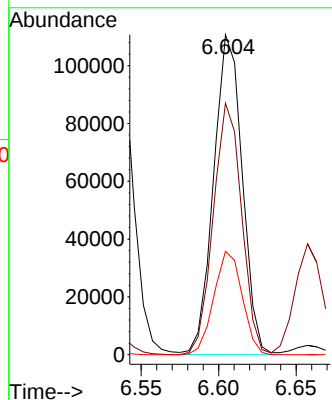
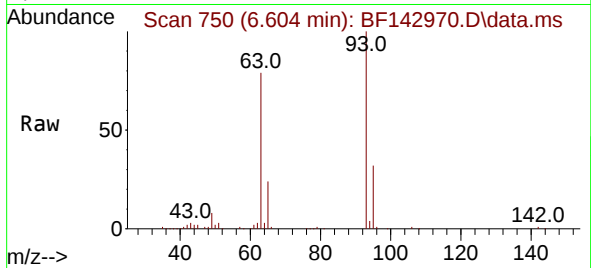




#11  
bis(2-Chloroethyl)ether  
Concen: 46.494 ng  
RT: 6.604 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

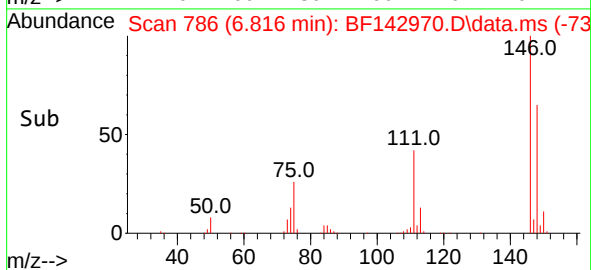
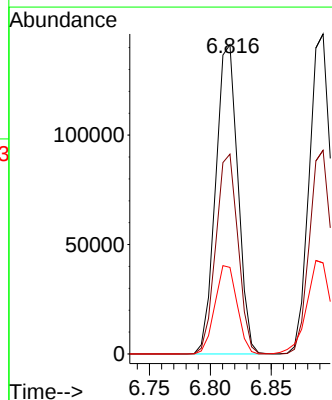
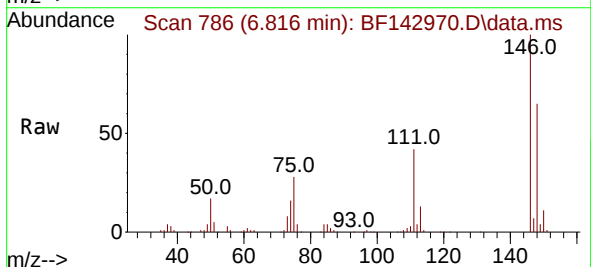
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

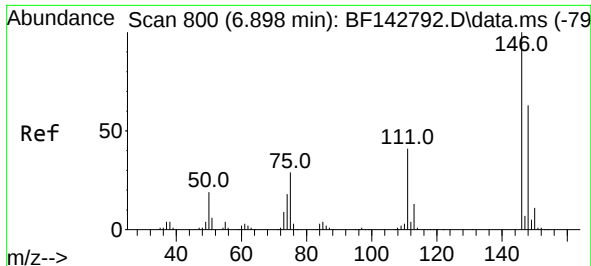
Tgt Ion: 93 Resp: 142030  
Ion Ratio Lower Upper  
93 100  
63 78.6 60.3 100.3  
95 32.3 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 45.638 ng  
RT: 6.816 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:146 Resp: 179443  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.1 76.7  
75 28.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 45.976 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

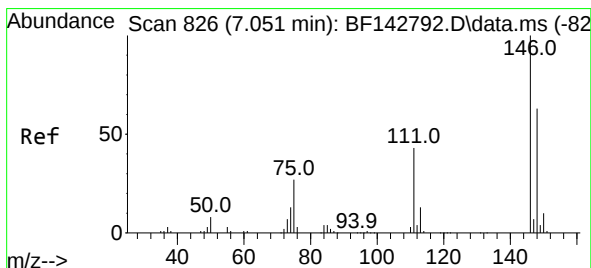
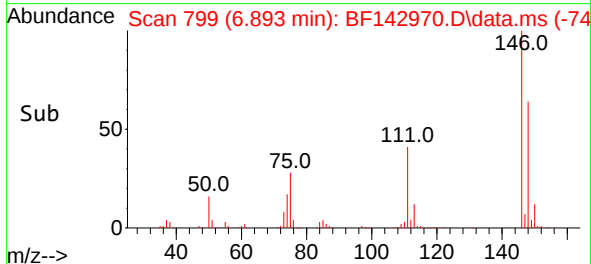
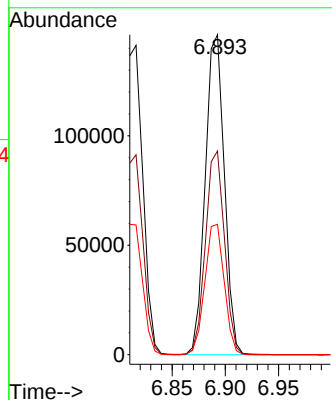
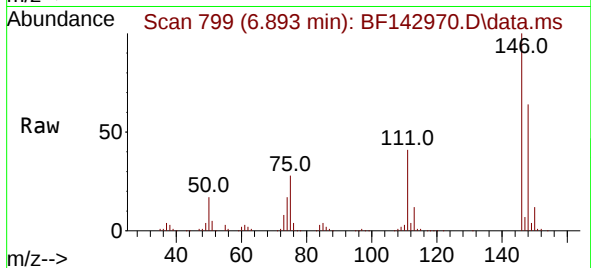
Tgt Ion:146 Resp: 182383

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

111 40.8 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 45.573 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.012 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

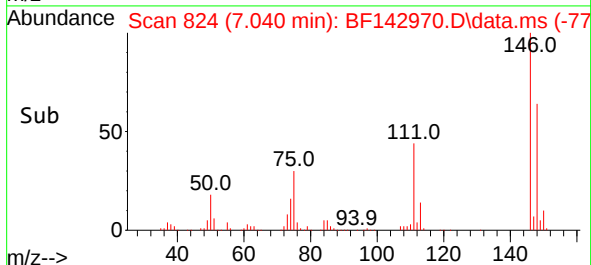
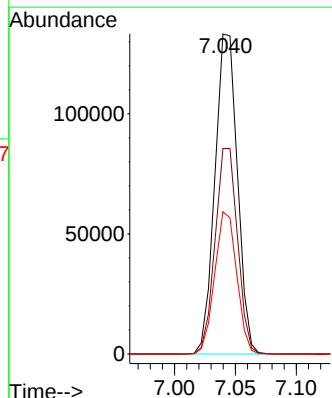
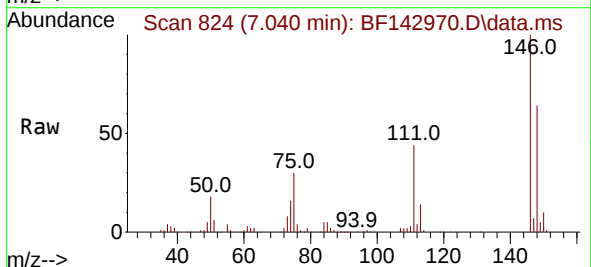
Tgt Ion:146 Resp: 171473

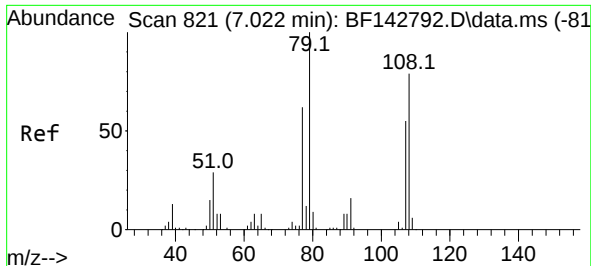
Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

111 44.5 34.1 51.1



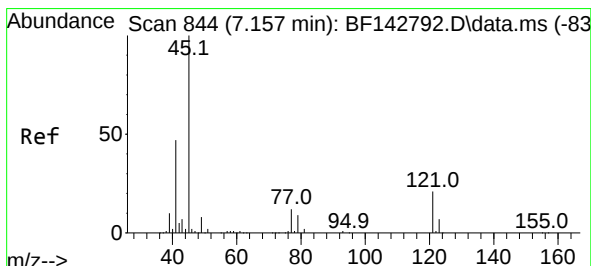
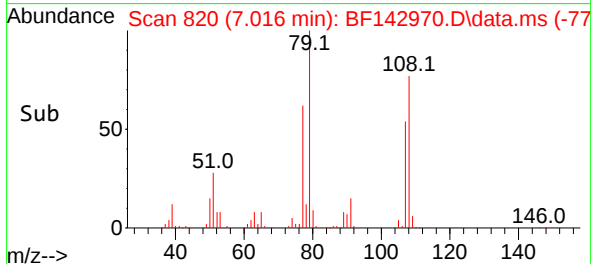
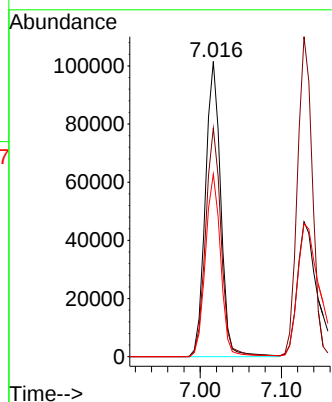
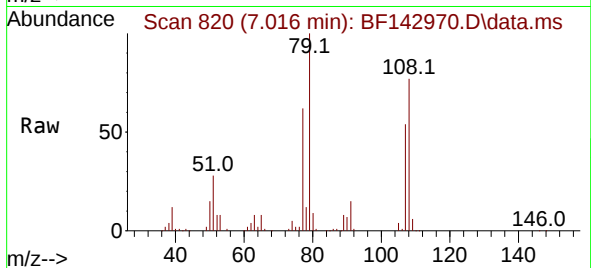


#15  
Benzyl Alcohol  
Concen: 47.857 ng  
RT: 7.016 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

Tgt Ion: 79 Resp: 133032

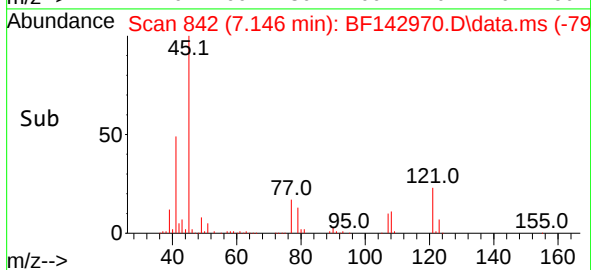
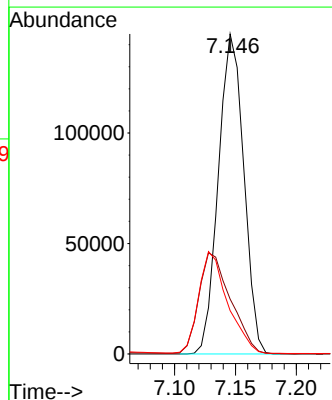
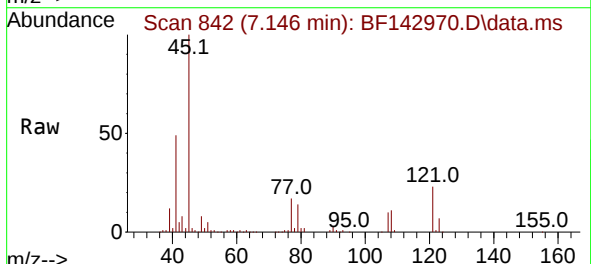
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 77.4  | 63.4  | 95.0  |
| 77  | 61.8  | 49.5  | 74.3  |

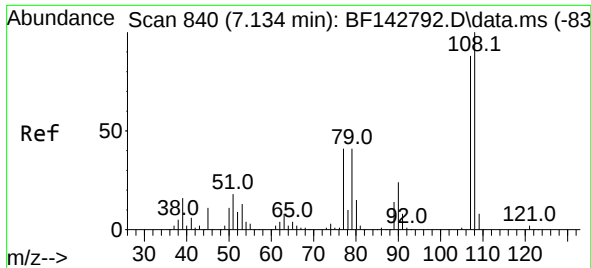


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.819 ng  
RT: 7.146 min Scan# 842  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion: 45 Resp: 210155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 17.2  | 0.0   | 32.8  |
| 79  | 13.6  | 0.0   | 29.8  |

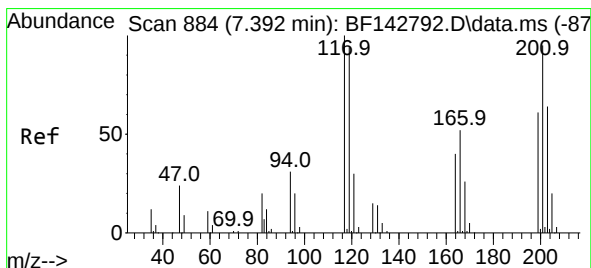
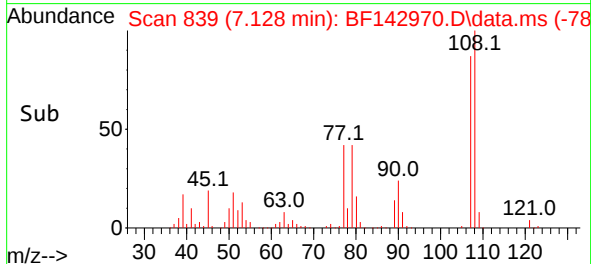
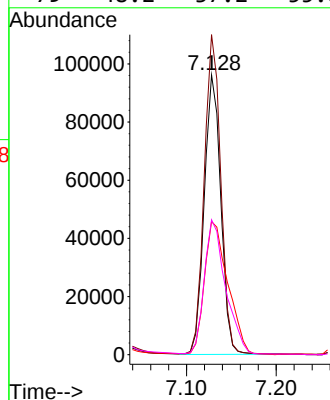
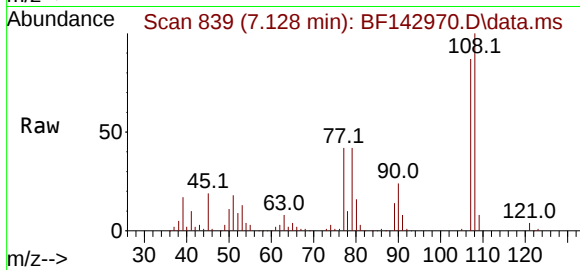




#17  
2-Methylphenol  
Concen: 46.299 ng  
RT: 7.128 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

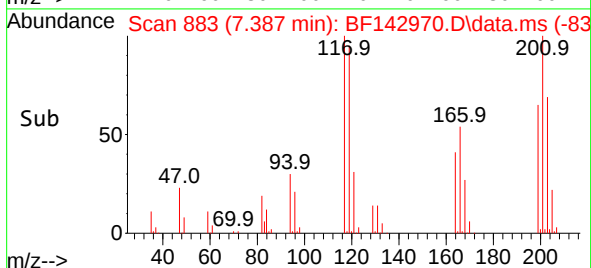
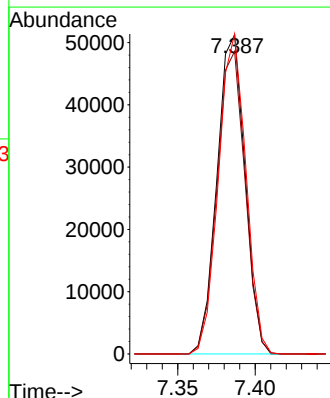
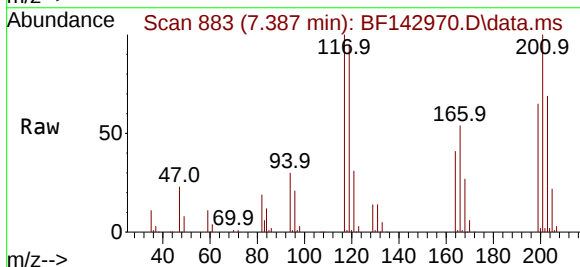
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

Tgt Ion:107 Resp: 123352  
Ion Ratio Lower Upper  
107 100  
108 114.4 90.9 136.3  
77 47.6 37.3 55.9  
79 48.2 37.2 55.8



#18  
Hexachloroethane  
Concen: 46.365 ng  
RT: 7.387 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:117 Resp: 64332  
Ion Ratio Lower Upper  
117 100  
119 94.8 75.4 113.0  
201 100.2 75.9 113.9

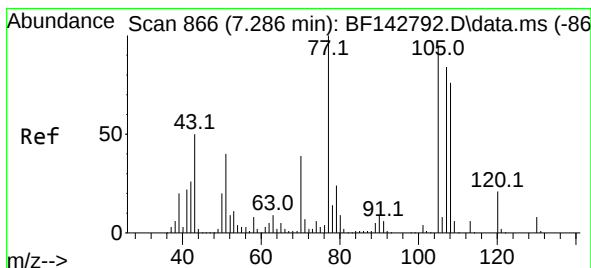
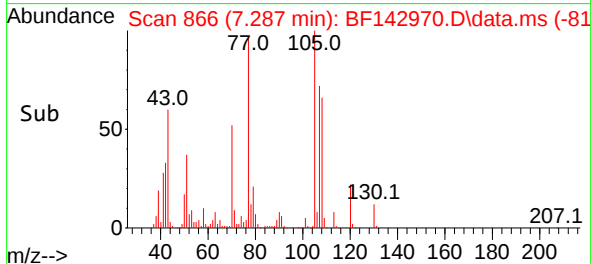
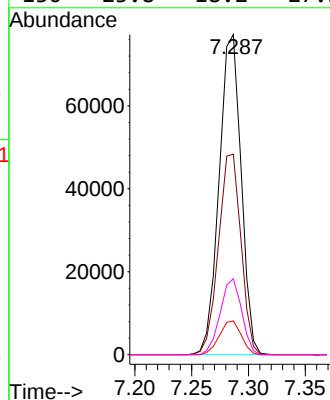
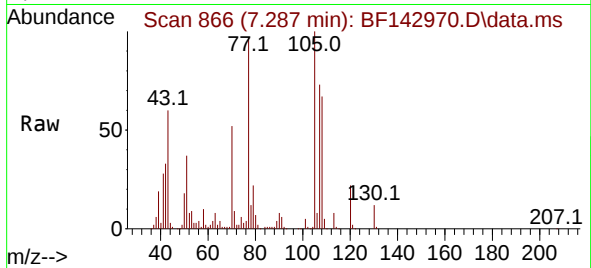




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.574 ng  
RT: 7.287 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

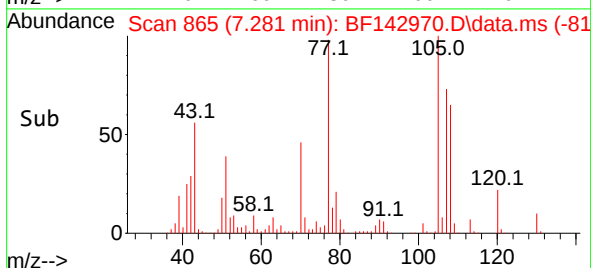
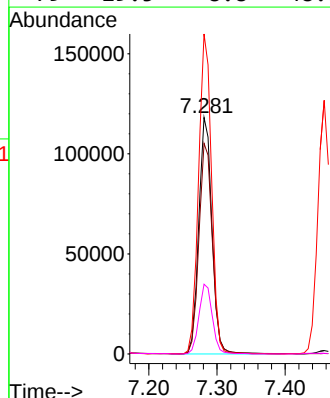
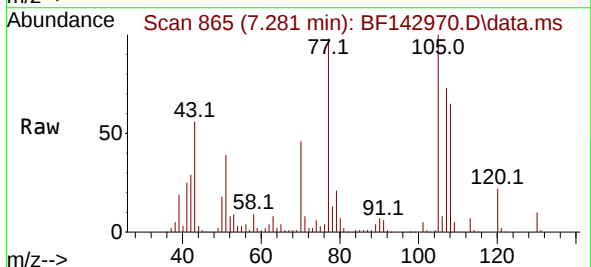
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

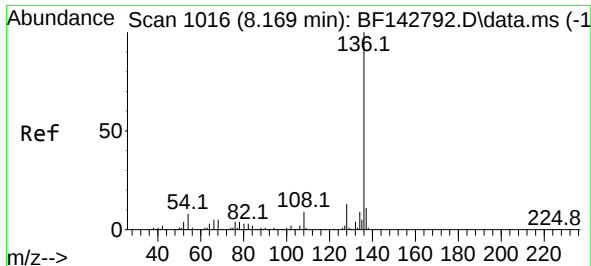
Tgt Ion: 70 Resp: 104156  
Ion Ratio Lower Upper  
70 100  
42 62.6 52.1 78.1  
101 10.6 8.2 12.2  
130 23.8 18.2 27.2



#20  
3+4-Methylphenols  
Concen: 47.969 ng  
RT: 7.281 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:107 Resp: 159344  
Ion Ratio Lower Upper  
107 100  
108 89.1 70.0 110.0  
77 135.4 98.5 138.5  
79 29.5 8.8 48.8



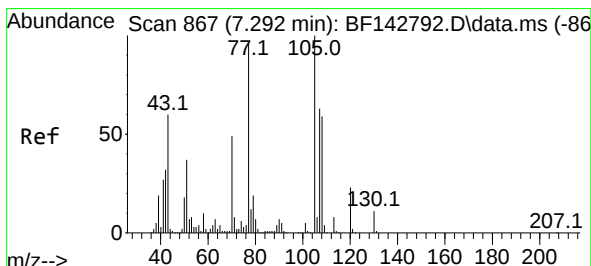
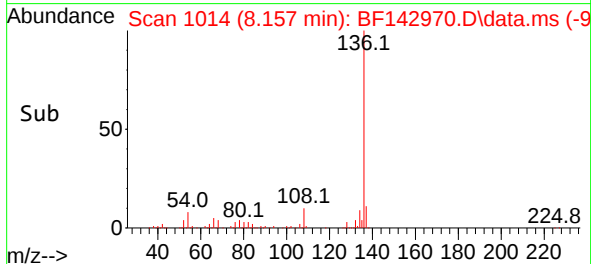
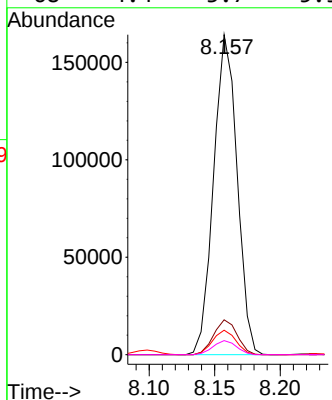
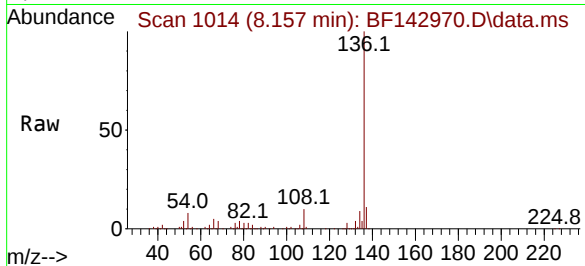


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

Tgt Ion:136 Resp: 204360

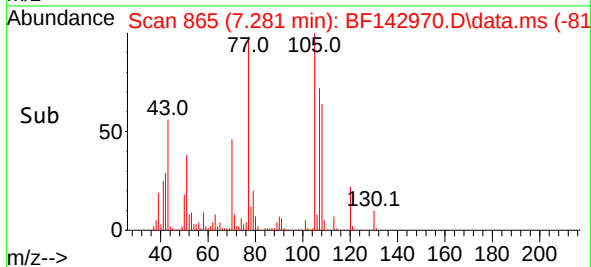
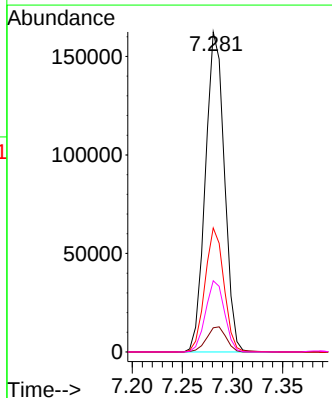
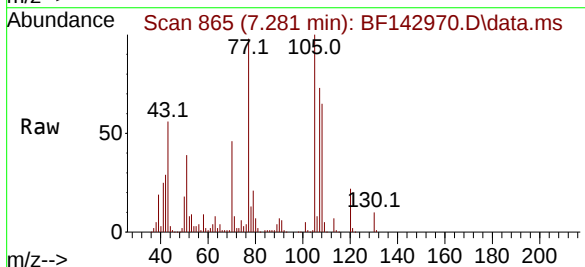
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.4   | 12.6  |
| 54  | 7.7   | 6.3   | 9.5   |
| 68  | 4.4   | 3.7   | 5.5   |

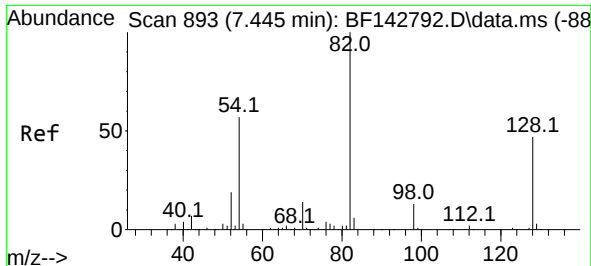


#22  
Acetophenone  
Concen: 47.672 ng  
RT: 7.281 min Scan# 865  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:105 Resp: 214833

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.5   | 6.5   | 9.7   |
| 51  | 38.8  | 29.8  | 44.8  |
| 120 | 22.2  | 18.2  | 27.2  |





#23

Nitrobenzene-d5

Concen: 50.772 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.005 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

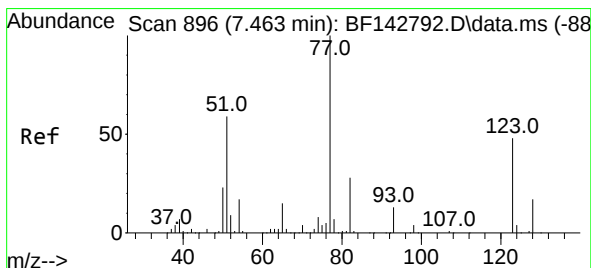
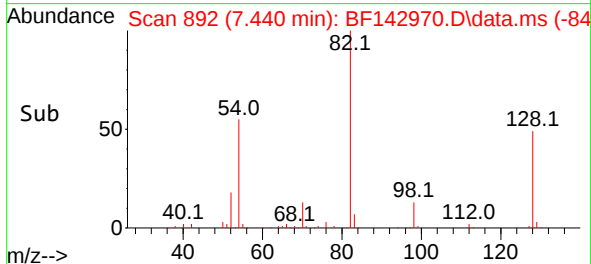
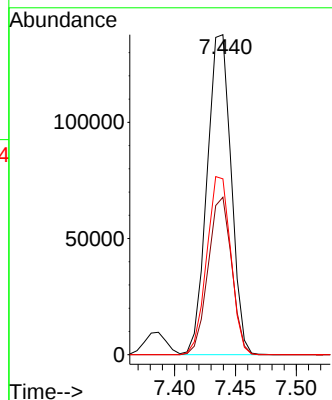
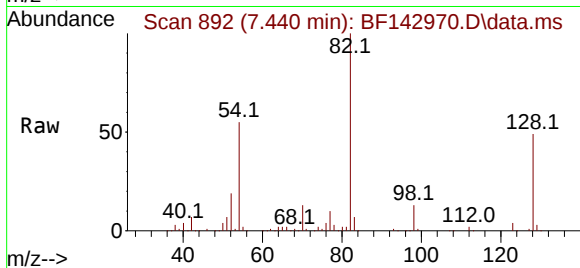
Tgt Ion: 82 Resp: 189163

Ion Ratio Lower Upper

82 100

128 49.2 37.7 56.5

54 54.9 45.7 68.5



#24

Nitrobenzene

Concen: 46.251 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

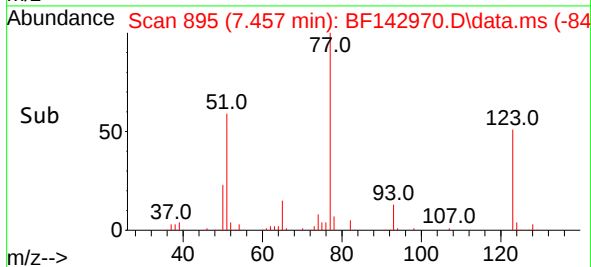
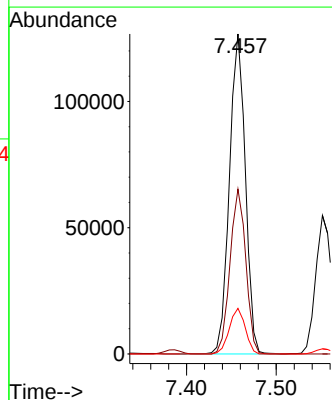
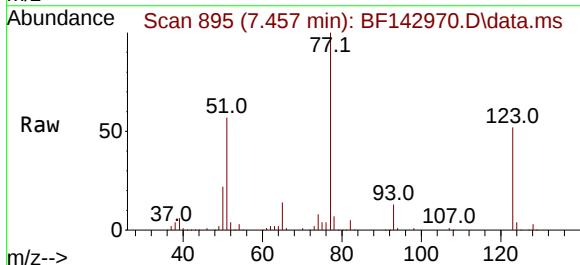
Tgt Ion: 77 Resp: 155967

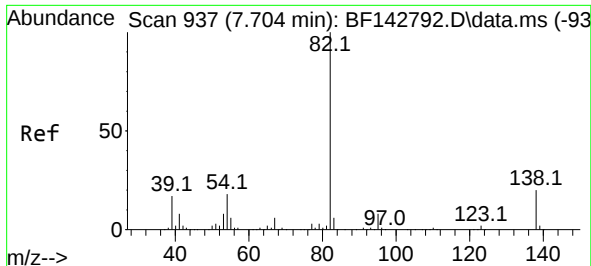
Ion Ratio Lower Upper

77 100

123 51.5 39.2 58.8

65 14.2 11.6 17.4

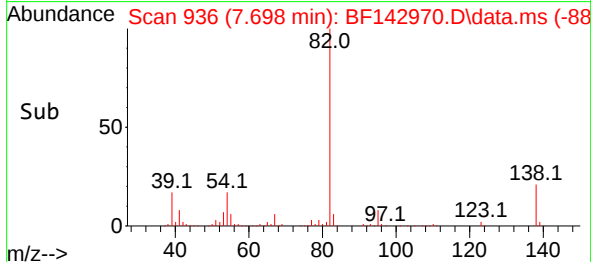
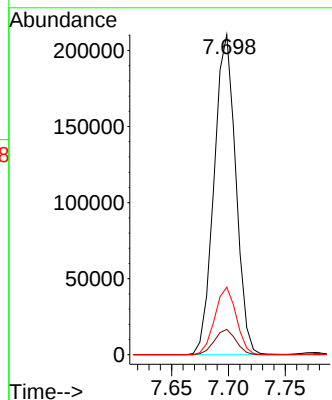
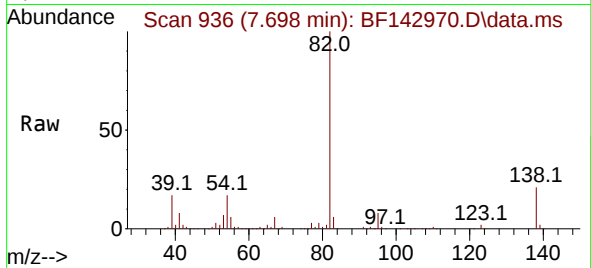




#25  
Isophorone  
Concen: 46.761 ng  
RT: 7.698 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

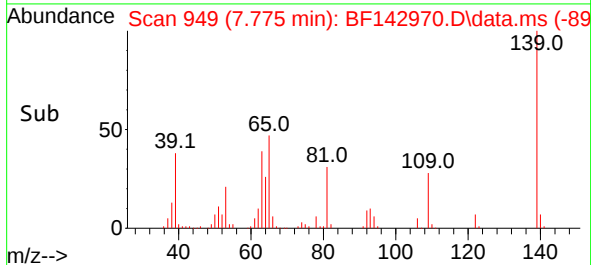
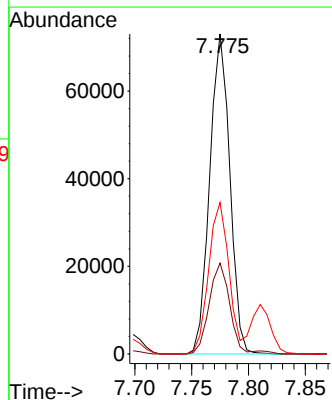
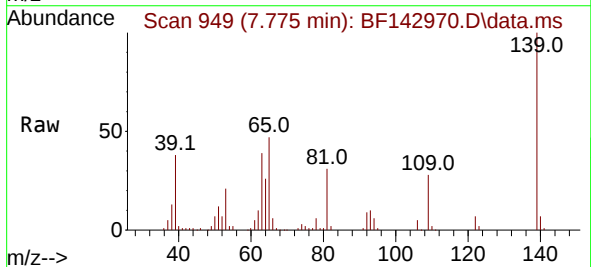
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

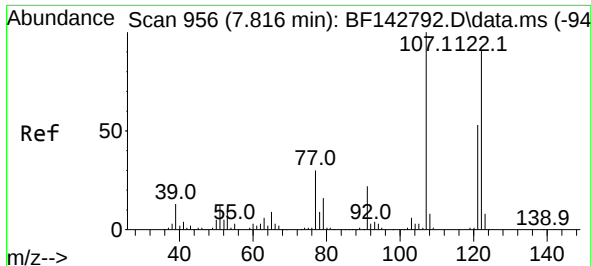
Tgt Ion: 82 Resp: 279477  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.2 9.2  
138 21.1 16.2 24.4



#26  
2-Nitrophenol  
Concen: 48.889 ng  
RT: 7.775 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:139 Resp: 89807  
Ion Ratio Lower Upper  
139 100  
109 28.4 22.7 34.1  
65 47.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 45.758 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

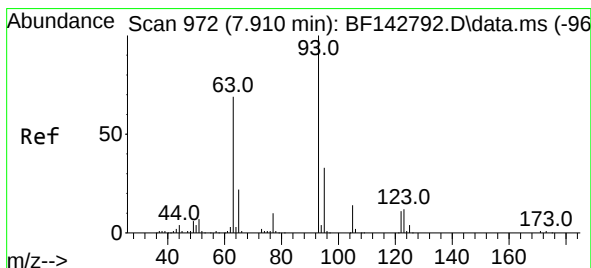
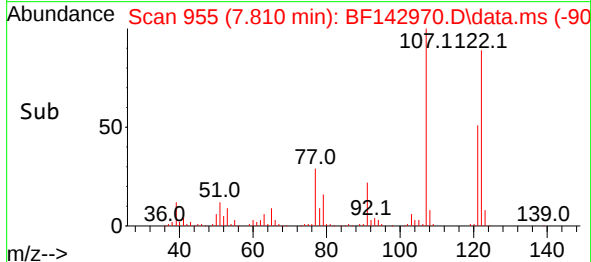
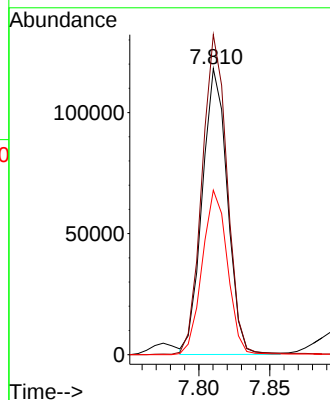
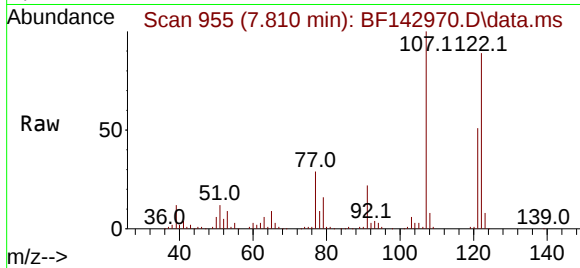
Tgt Ion:122 Resp: 145599

Ion Ratio Lower Upper

122 100

107 111.8 88.0 132.0

121 57.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.455 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

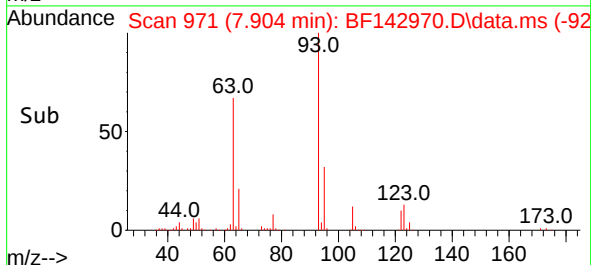
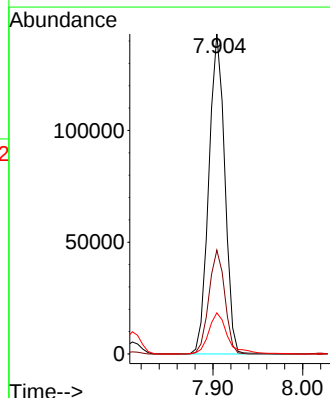
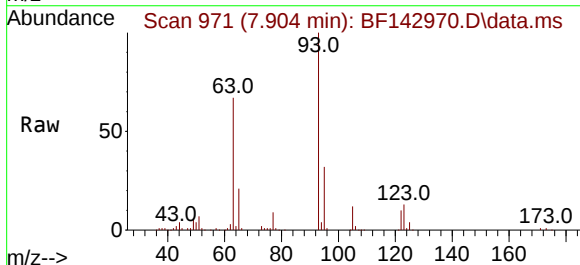
Tgt Ion: 93 Resp: 176513

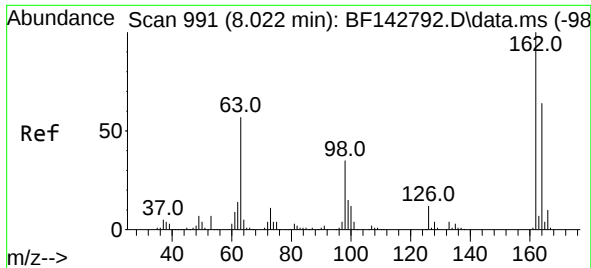
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 48.171 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

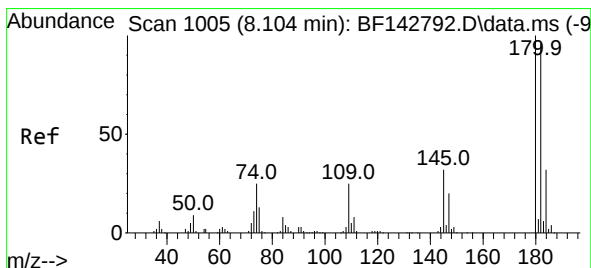
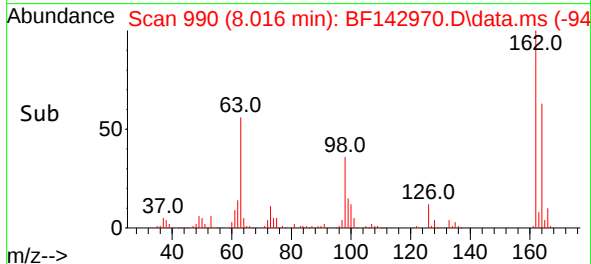
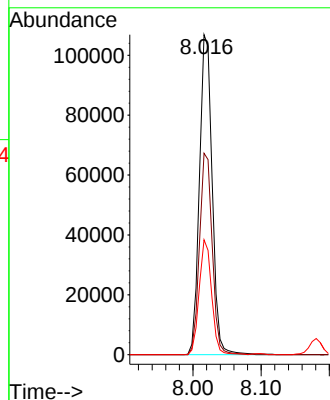
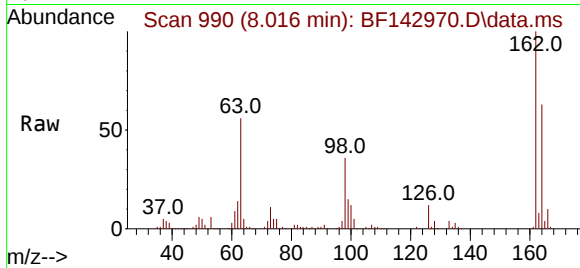
Tgt Ion:162 Resp: 138978

Ion Ratio Lower Upper

162 100

164 63.0 44.0 84.0

98 35.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 46.316 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

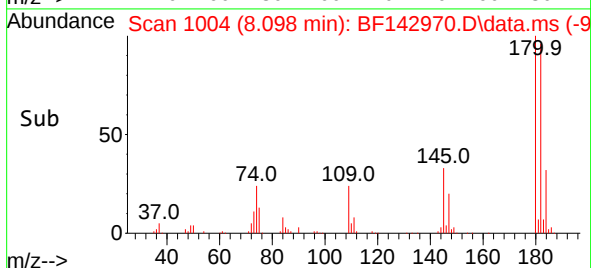
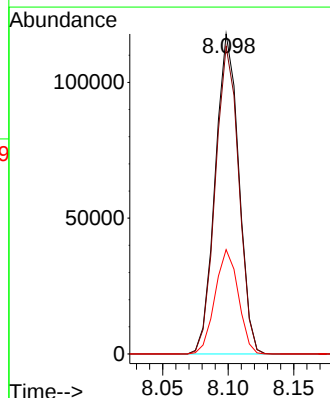
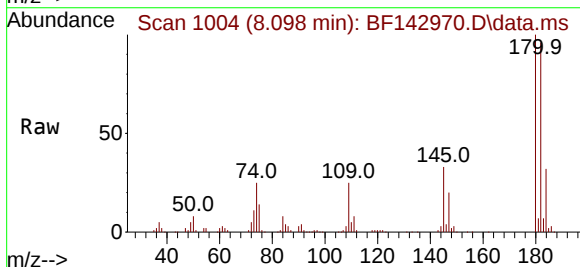
Tgt Ion:180 Resp: 146938

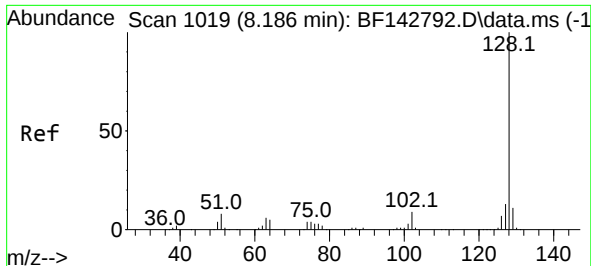
Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

145 32.6 25.8 38.8

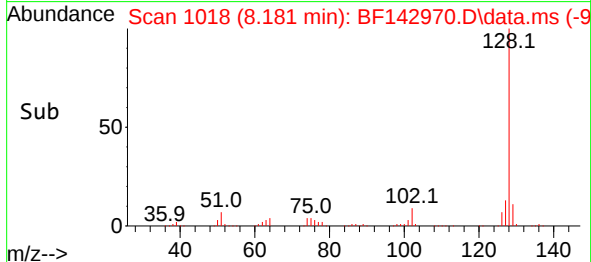
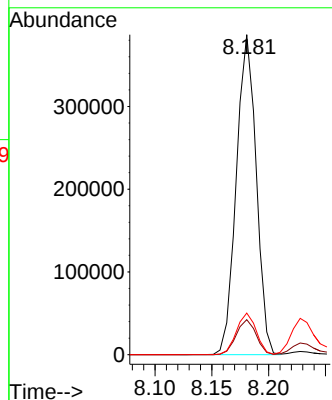
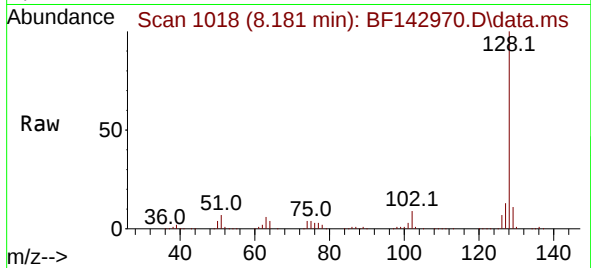




#31  
Naphthalene  
Concen: 47.052 ng  
RT: 8.181 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

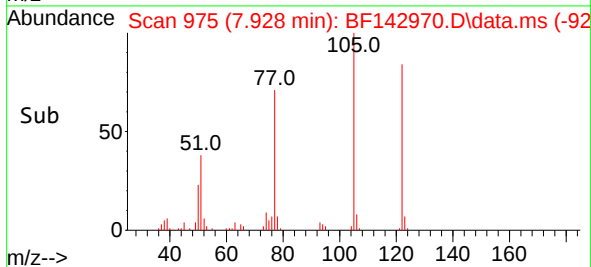
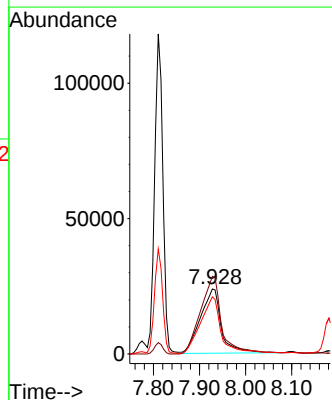
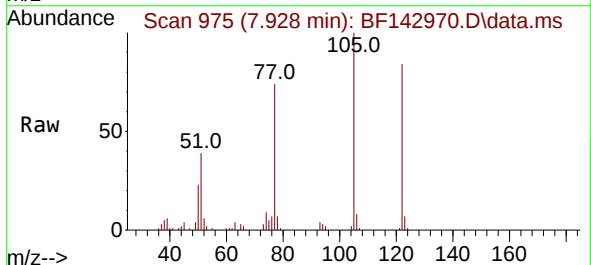
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

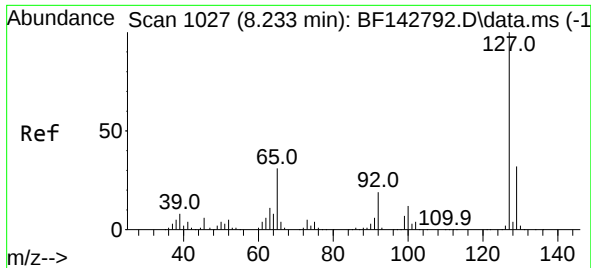
Tgt Ion:128 Resp: 470666  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 46.260 ng  
RT: 7.928 min Scan# 975  
Delta R.T. 0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:122 Resp: 75024  
Ion Ratio Lower Upper  
122 100  
105 119.4 104.7 144.7  
77 88.0 70.2 110.2

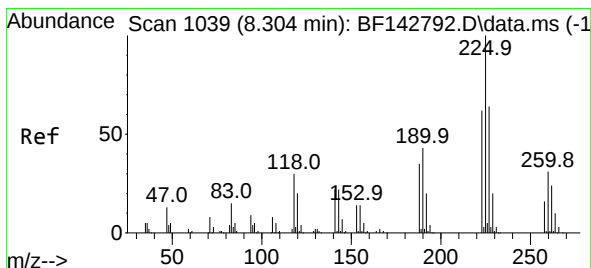
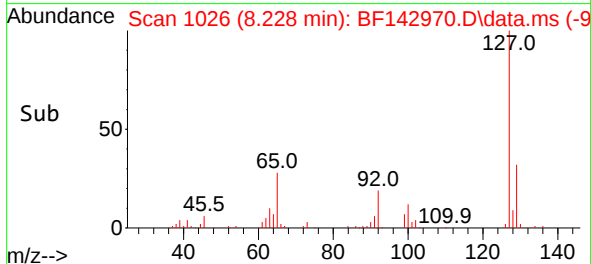
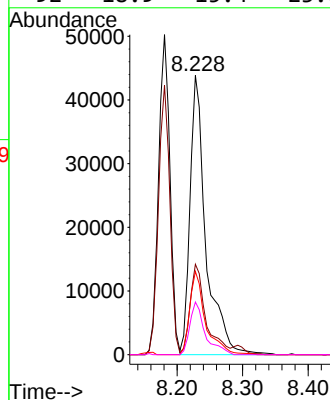
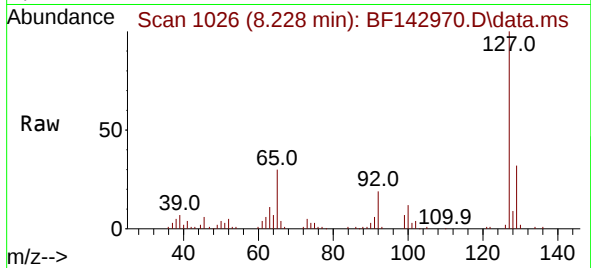




#33  
4-Chloroaniline  
Concen: 18.207 ng  
RT: 8.228 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

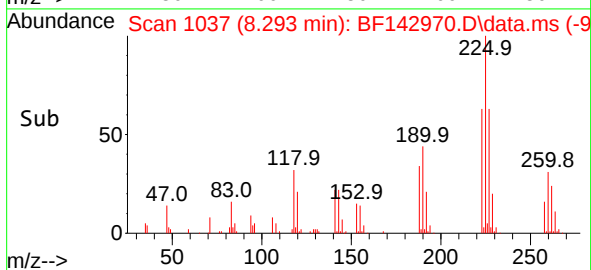
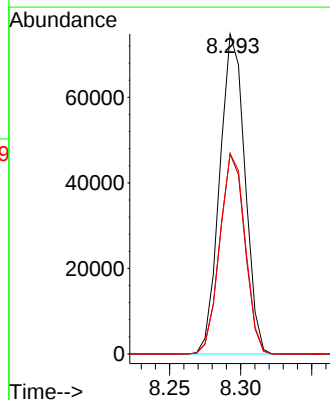
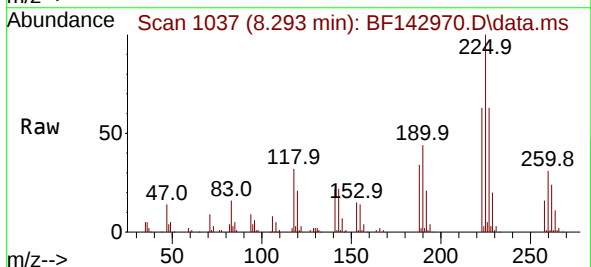
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

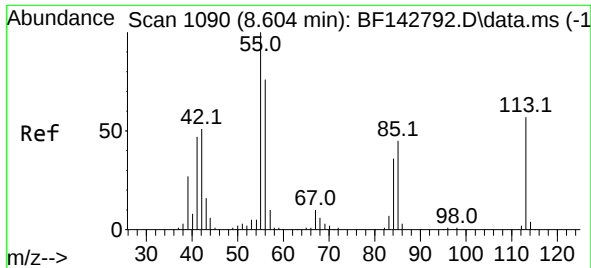
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 74056     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.4  | 25.9 38.9 |
| 65          | 29.8  | 24.6 36.8 |
| 92          | 18.9  | 15.4 23.0 |



#34  
Hexachlorobutadiene  
Concen: 47.433 ng  
RT: 8.293 min Scan# 1037  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 92047     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.5  | 49.9 74.9 |
| 227         | 62.6  | 51.4 77.0 |

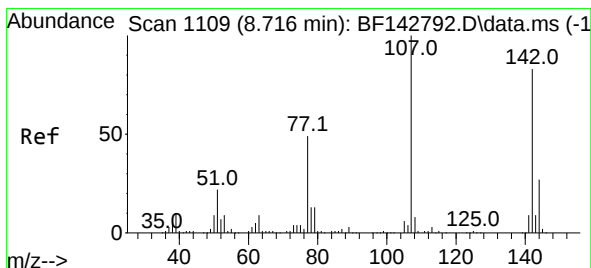
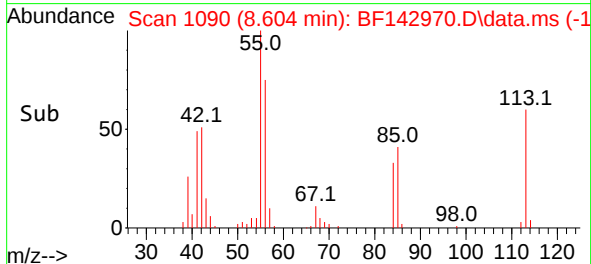
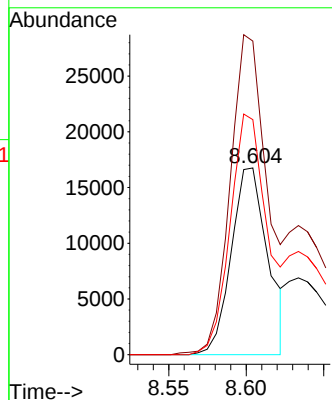
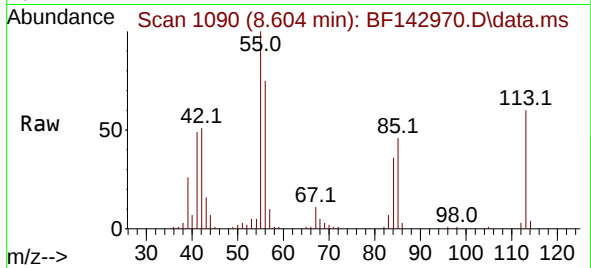




#35  
 Caprolactam  
 Concen: 36.026 ng  
 RT: 8.604 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: BF142970.D  
 Acq: 02 Jul 2025 14:47

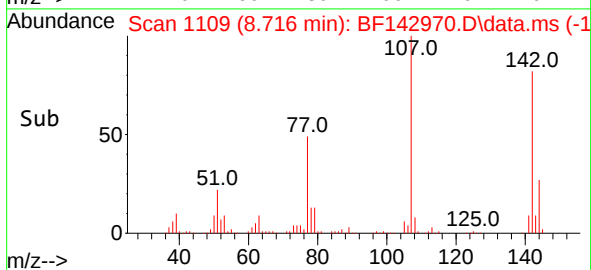
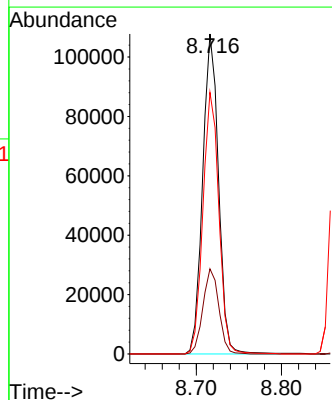
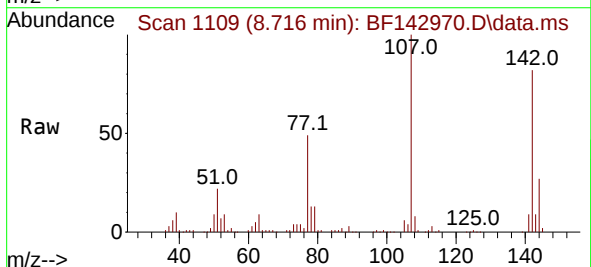
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-67MS

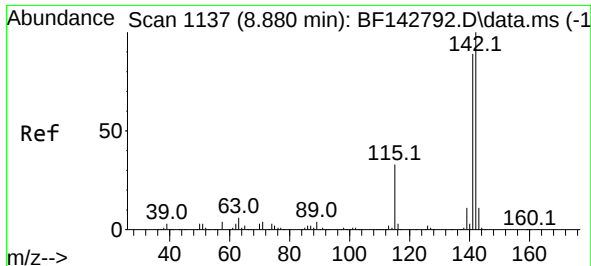
Tgt Ion:113 Resp: 27427  
 Ion Ratio Lower Upper  
 113 100  
 55 168.1 154.4 194.4  
 56 125.9 112.1 152.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.563 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. 0.000 min  
 Lab File: BF142970.D  
 Acq: 02 Jul 2025 14:47

Tgt Ion:107 Resp: 139247  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 21.3 31.9  
 142 81.8 66.6 100.0





#37

2-Methylnaphthalene

Concen: 46.693 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

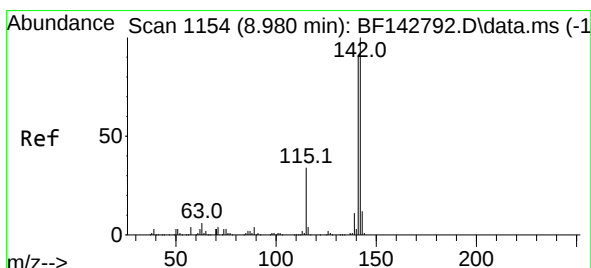
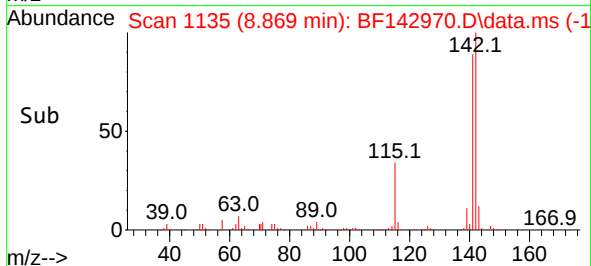
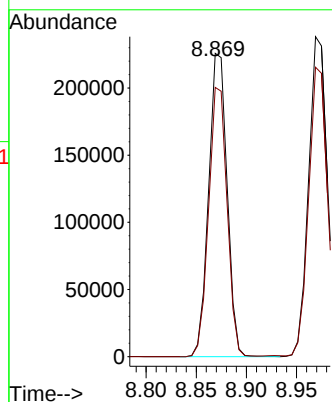
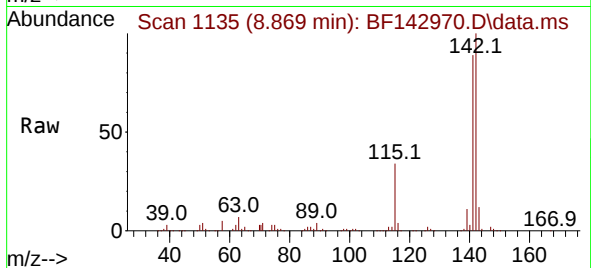
TP-67MS

Tgt Ion:142 Resp: 289570

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3



#38

1-Methylnaphthalene

Concen: 47.591 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF142970.D

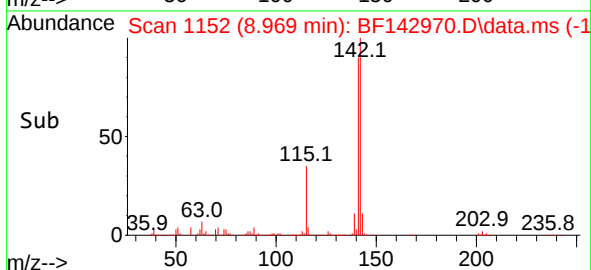
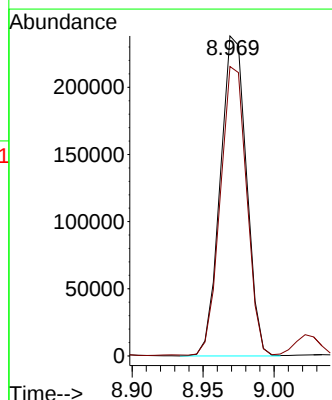
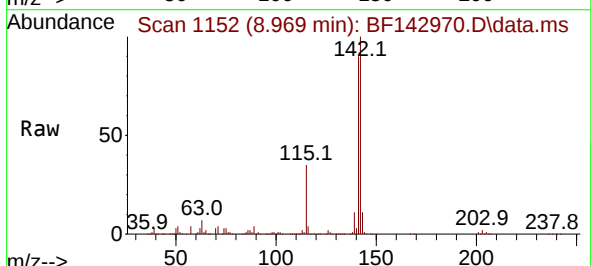
Acq: 02 Jul 2025 14:47

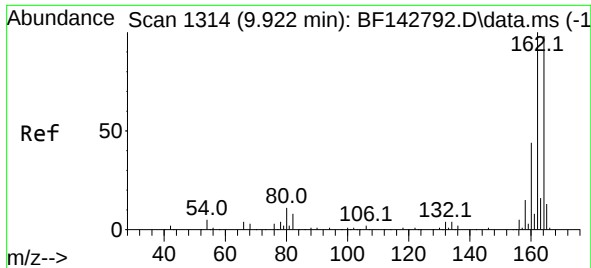
Tgt Ion:142 Resp: 305524

Ion Ratio Lower Upper

142 100

141 90.5 73.0 109.4

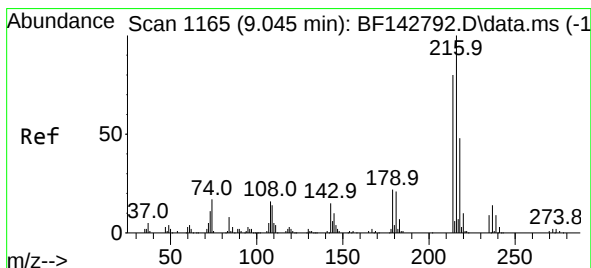
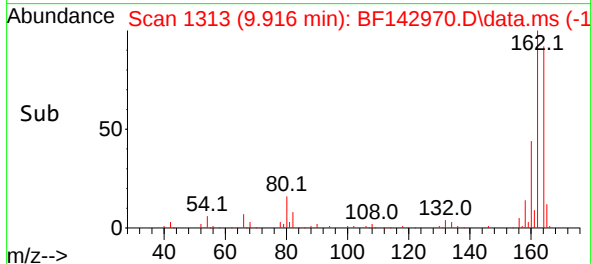
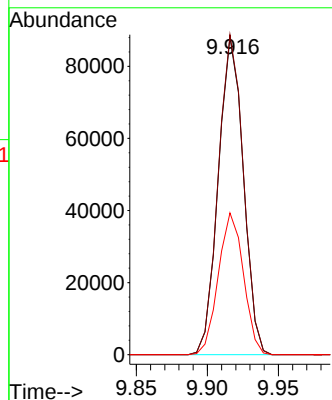
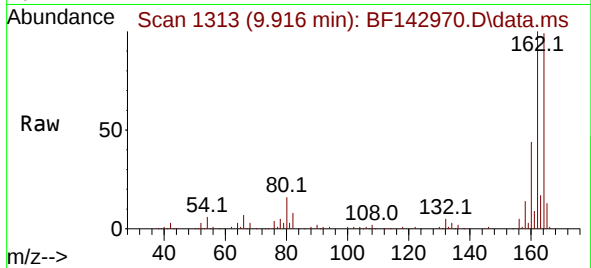




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

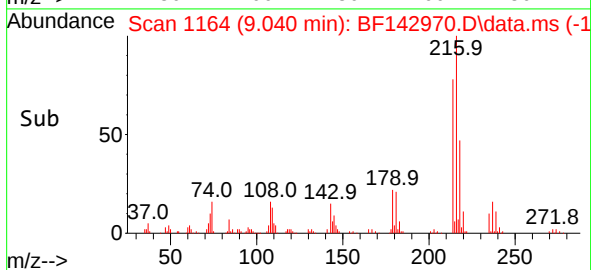
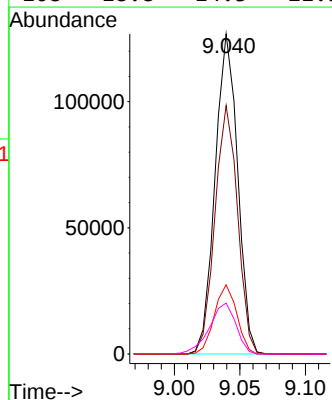
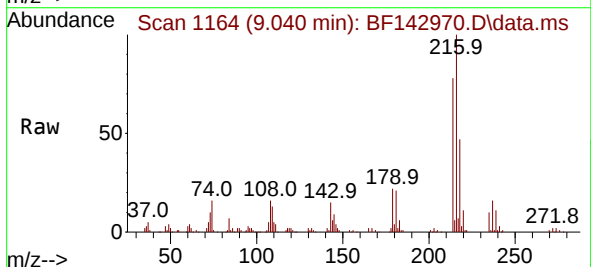
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

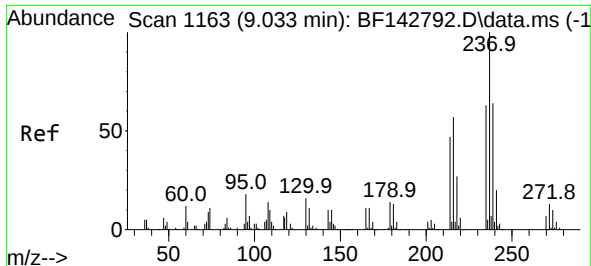
Tgt Ion:164 Resp: 107674  
Ion Ratio Lower Upper  
164 100  
162 100.8 81.8 122.8  
160 44.7 36.0 54.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.658 ng  
RT: 9.040 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

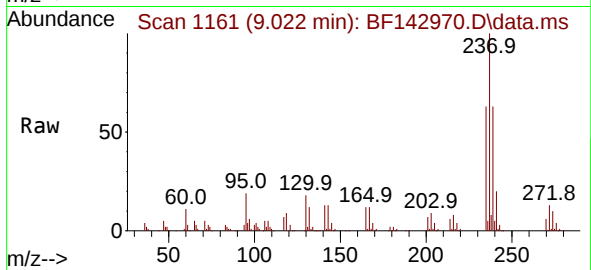
Tgt Ion:216 Resp: 151415  
Ion Ratio Lower Upper  
216 100  
214 77.7 63.7 95.5  
179 21.5 17.6 26.4  
108 18.8 14.3 21.5



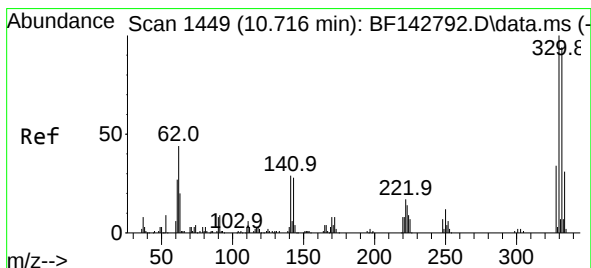
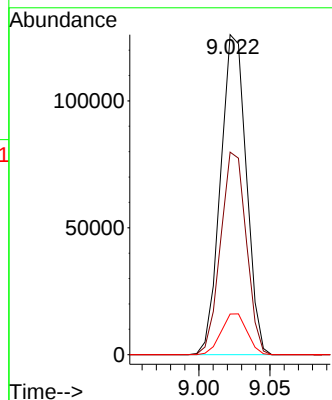
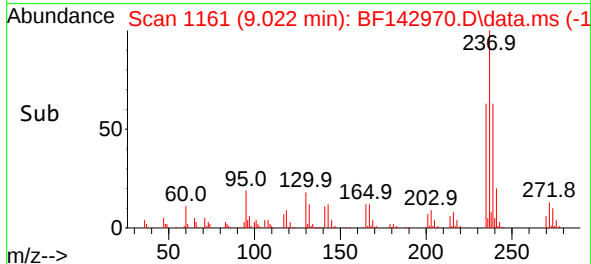


#41  
Hexachlorocyclopentadiene  
Concen: 88.241 ng  
RT: 9.022 min Scan# 1161  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

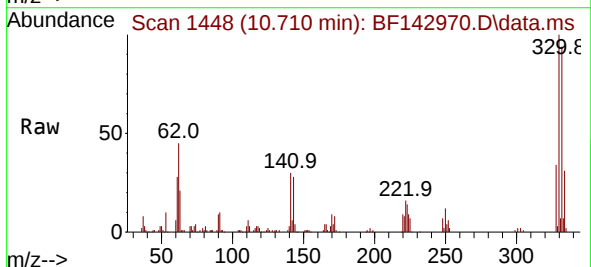
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS



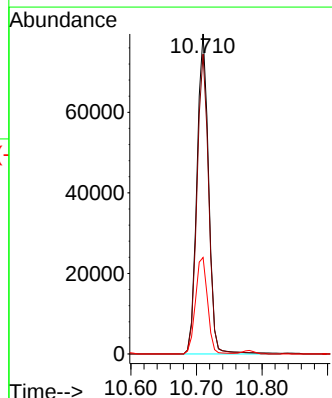
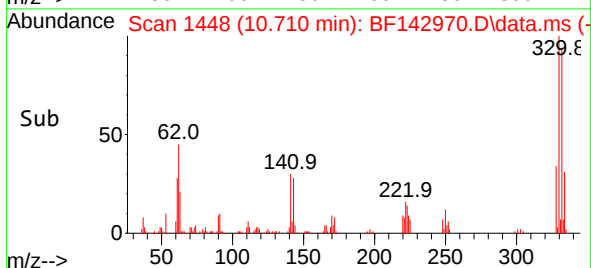
Tgt Ion:237 Resp: 159093  
Ion Ratio Lower Upper  
237 100  
235 63.3 43.4 83.4  
272 12.7 0.0 32.7

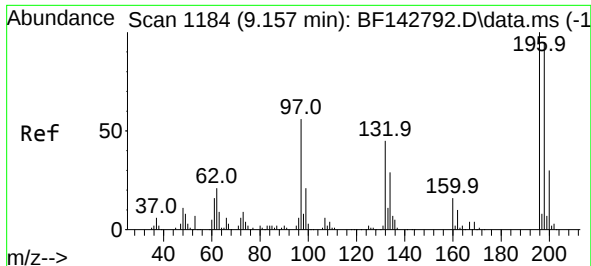


#42  
2,4,6-Tribromophenol  
Concen: 89.223 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47



Tgt Ion:330 Resp: 98863  
Ion Ratio Lower Upper  
330 100  
332 93.4 75.0 112.6  
141 31.1 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 47.292 ng

RT: 9.151 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

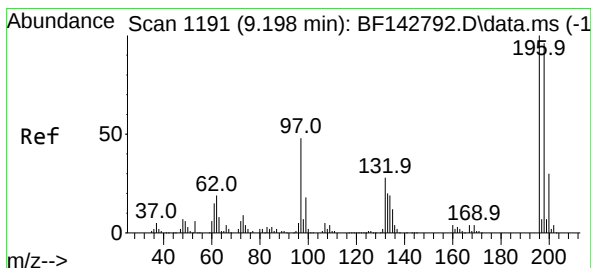
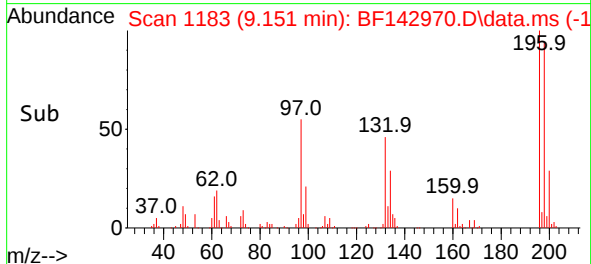
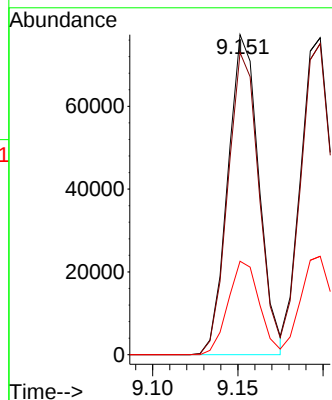
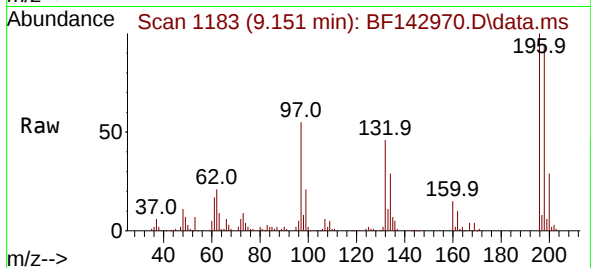
Tgt Ion:196 Resp: 97907

Ion Ratio Lower Upper

196 100

198 94.4 76.2 114.2

200 29.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 46.506 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Tgt Ion:196 Resp: 101353

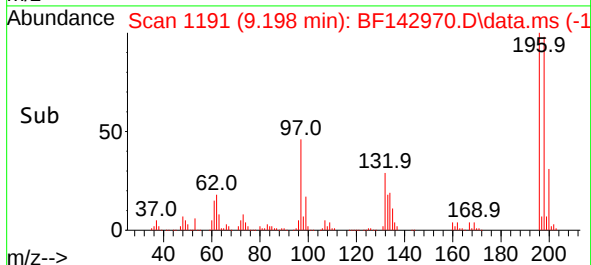
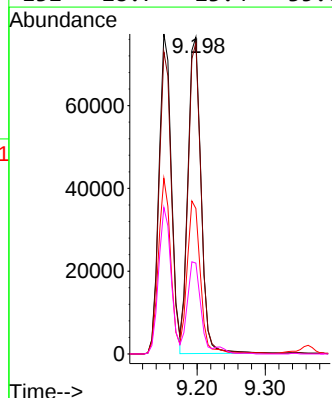
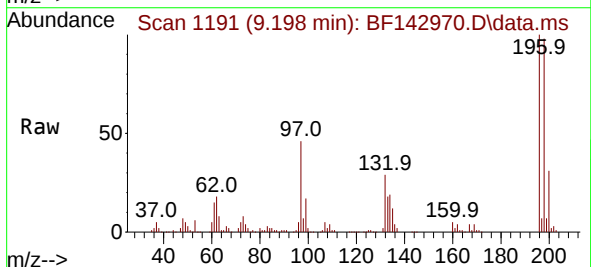
Ion Ratio Lower Upper

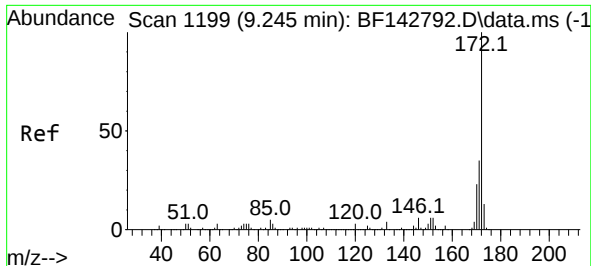
196 100

198 98.1 76.6 115.0

97 45.9 38.2 57.2

132 28.7 23.4 35.0

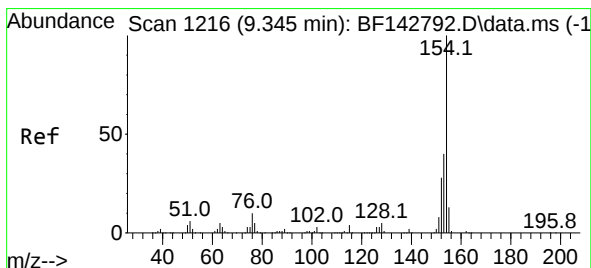
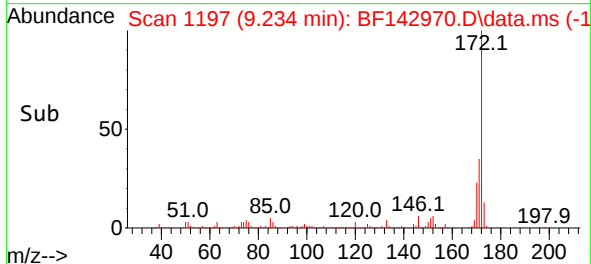
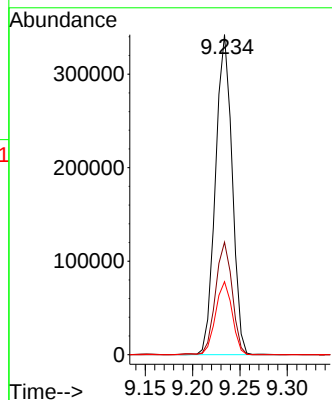
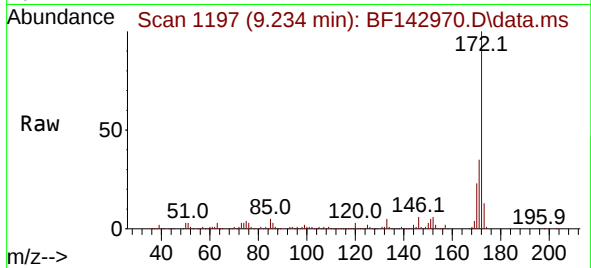




#45  
2-Fluorobiphenyl  
Concen: 51.075 ng  
RT: 9.234 min Scan# 1197  
Delta R.T. -0.011 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

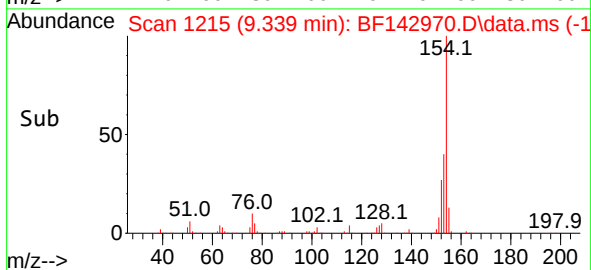
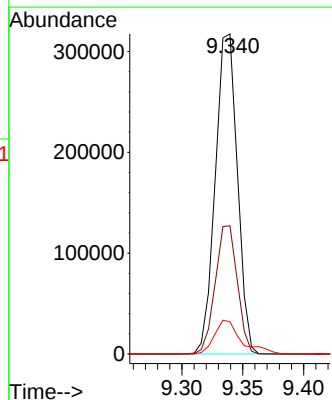
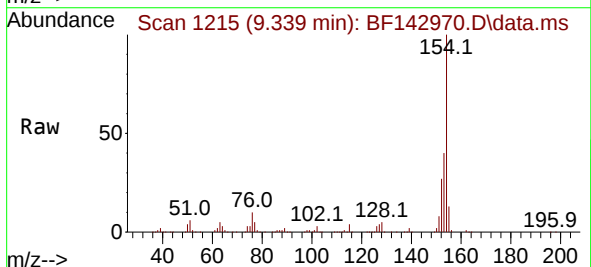
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

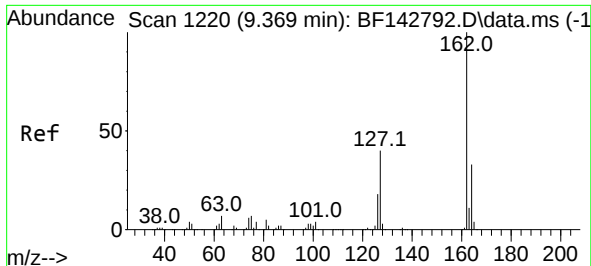
Tgt Ion:172 Resp: 418632  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.2 42.4  
170 22.8 18.5 27.7



#46  
1,1'-Biphenyl  
Concen: 47.171 ng  
RT: 9.339 min Scan# 1215  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:154 Resp: 401217  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.3 60.3  
76 10.0 0.0 30.3





#47

2-Chloronaphthalene

Concen: 47.071 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

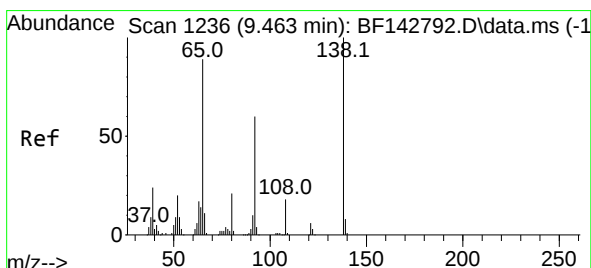
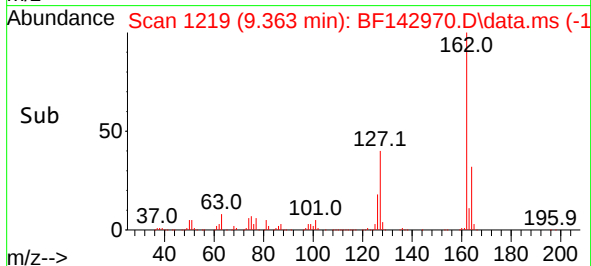
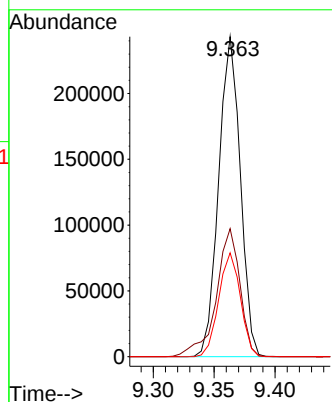
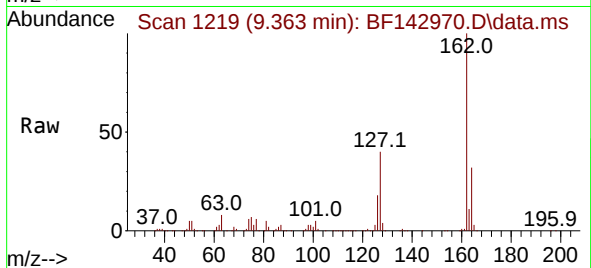
Tgt Ion:162 Resp: 300447

Ion Ratio Lower Upper

162 100

127 40.0 32.2 48.2

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 49.267 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

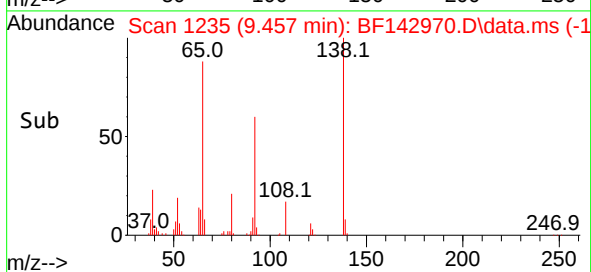
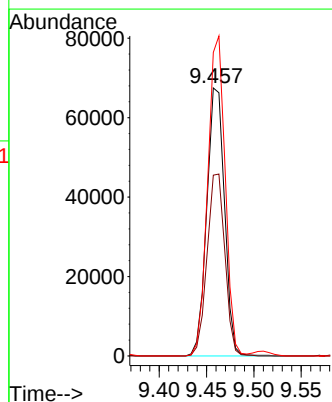
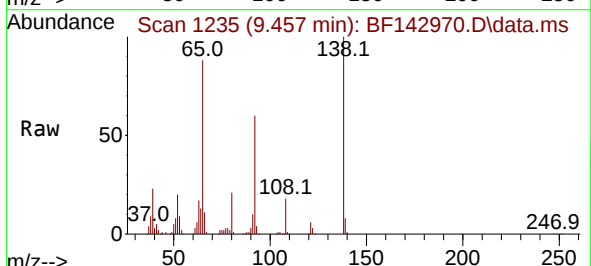
Tgt Ion: 65 Resp: 88162

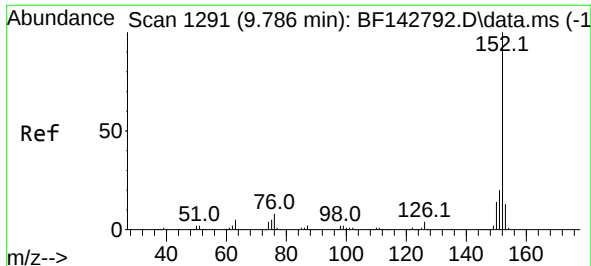
Ion Ratio Lower Upper

65 100

92 67.5 53.8 80.6

138 113.2 89.6 134.4

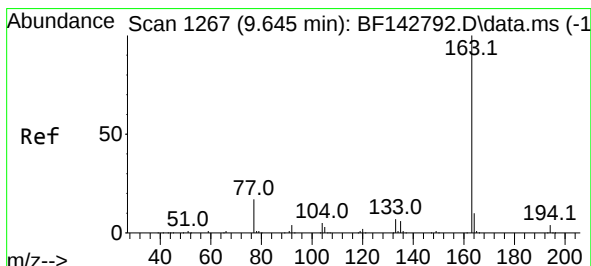
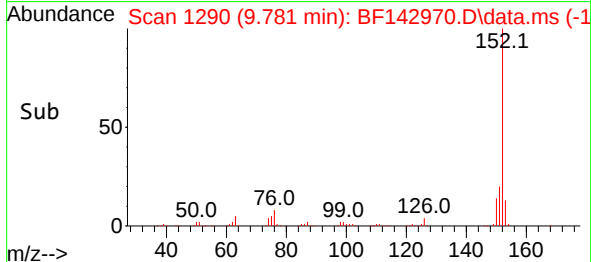
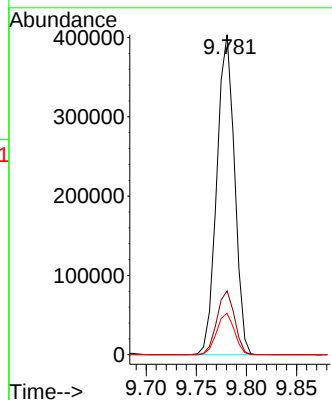
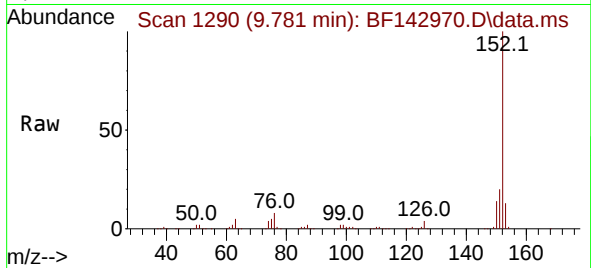




#49  
Acenaphthylene  
Concen: 47.188 ng  
RT: 9.781 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

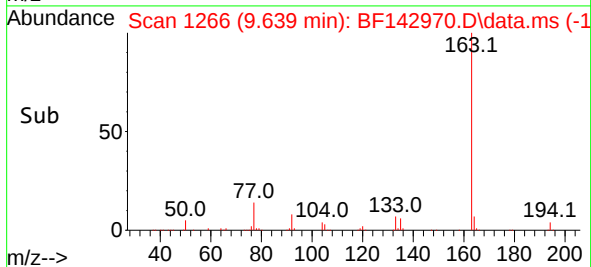
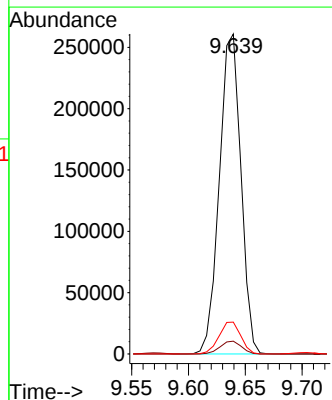
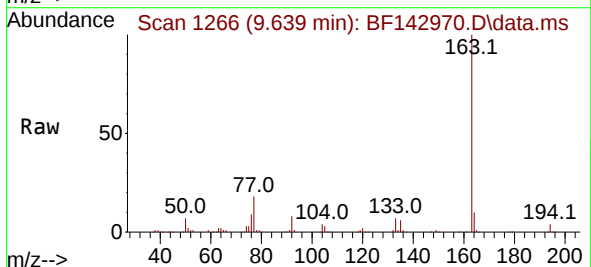
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

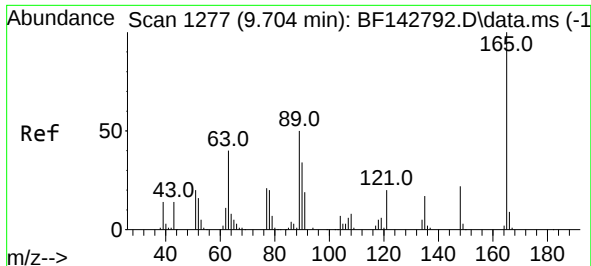
Tgt Ion:152 Resp: 495833  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.1 24.1  
153 12.9 10.4 15.6



#50  
Dimethylphthalate  
Concen: 49.438 ng  
RT: 9.639 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:163 Resp: 344572  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 50.204 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

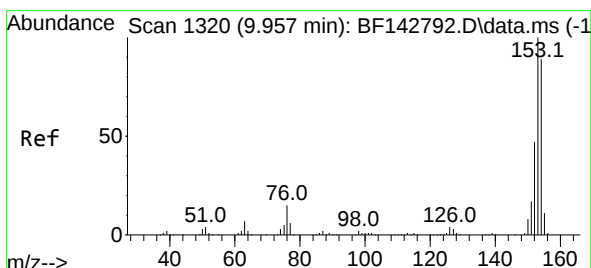
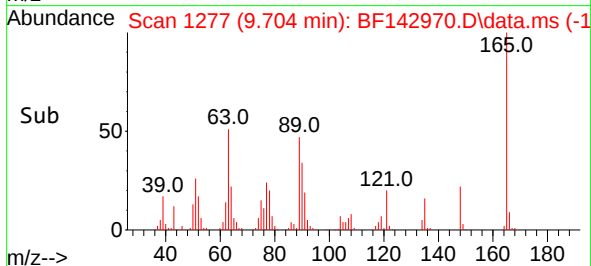
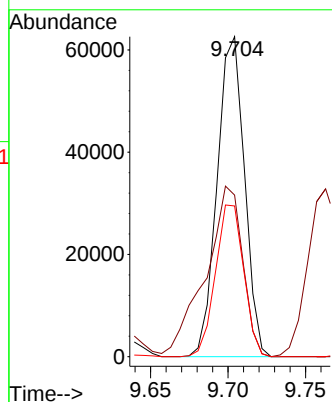
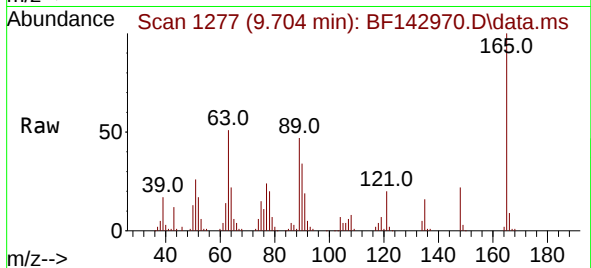
Tgt Ion:165 Resp: 76844

Ion Ratio Lower Upper

165 100

63 50.5 44.2 66.4

89 47.1 39.8 59.8



#52

Acenaphthene

Concen: 45.266 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

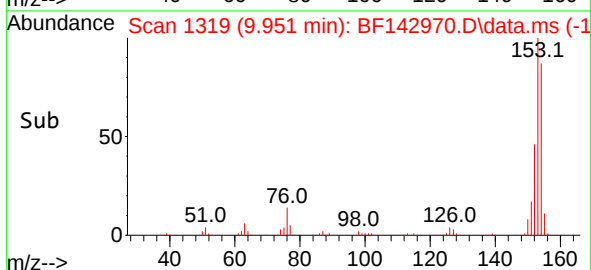
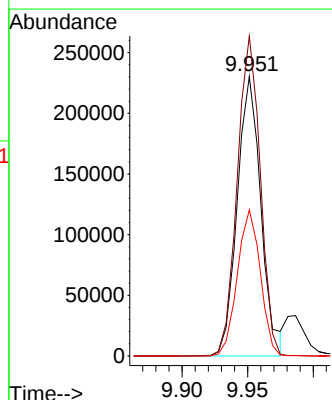
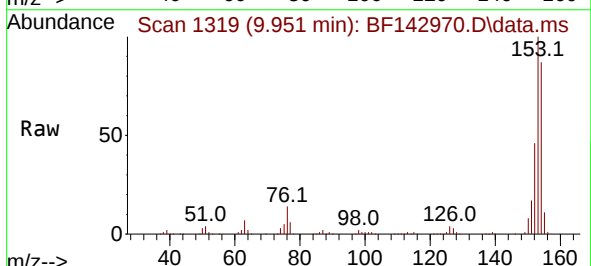
Tgt Ion:154 Resp: 290198

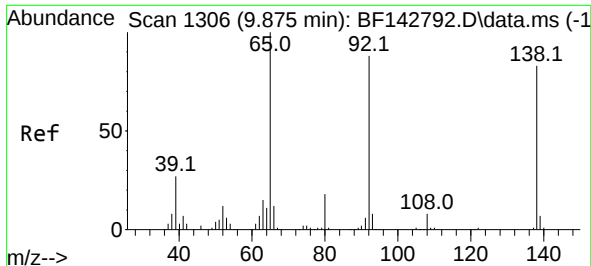
Ion Ratio Lower Upper

154 100

153 114.5 90.0 135.0

152 52.3 41.9 62.9

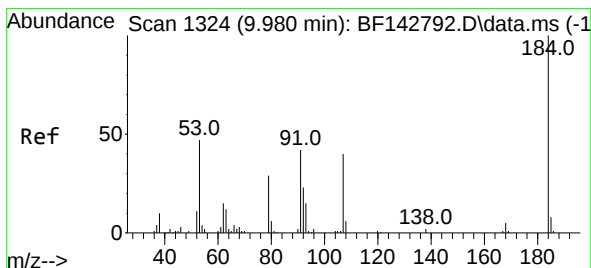
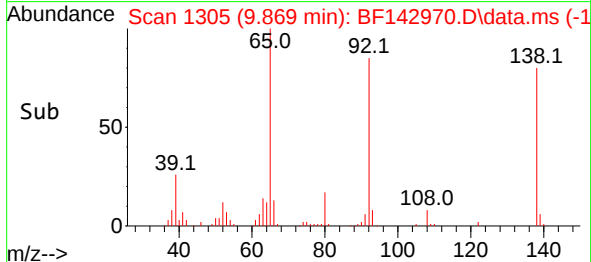
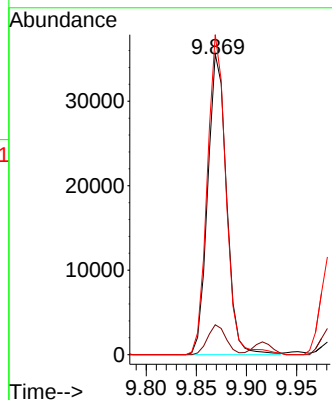
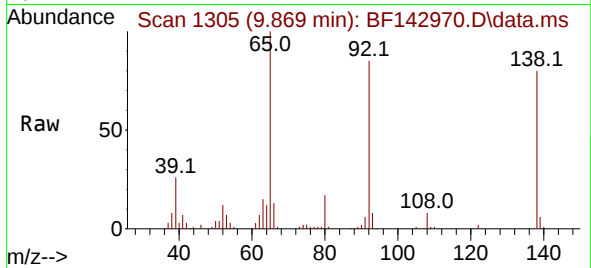




#53  
3-Nitroaniline  
Concen: 27.654 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

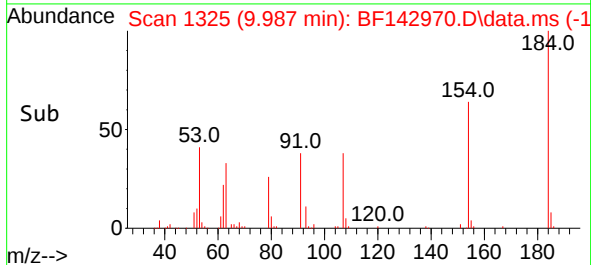
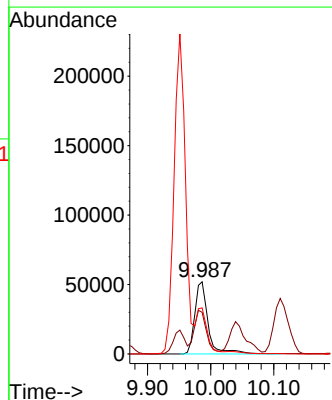
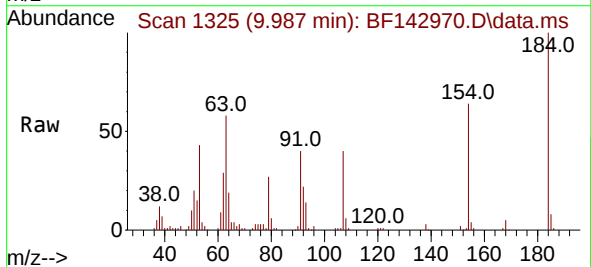
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

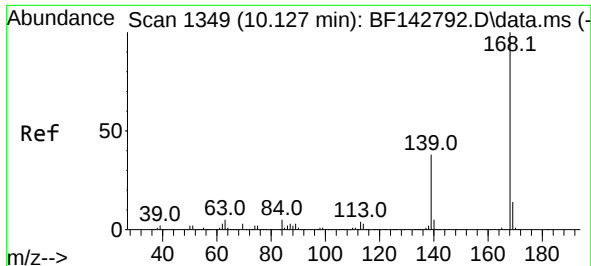
Tgt Ion:138 Resp: 46603  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.1 12.1  
92 106.4 85.1 127.7



#54  
2,4-Dinitrophenol  
Concen: 99.655 ng  
RT: 9.987 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:184 Resp: 76377  
Ion Ratio Lower Upper  
184 100  
63 57.6 50.6 75.8  
154 63.8 51.8 77.8

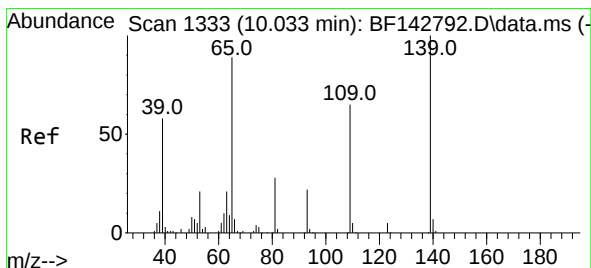
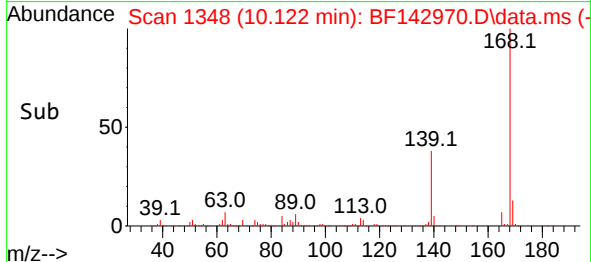
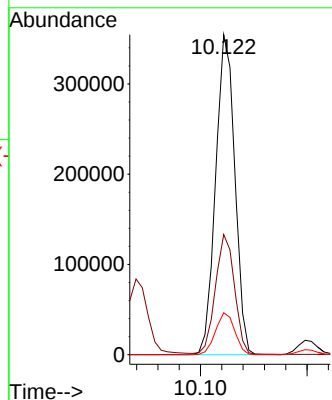
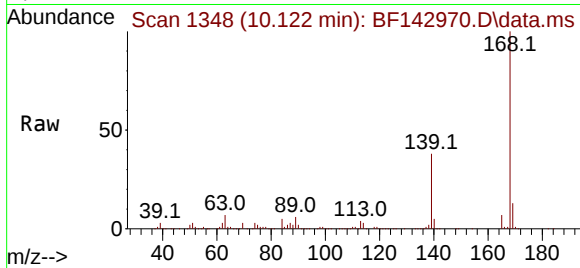




#55  
Dibenzofuran  
Concen: 48.225 ng  
RT: 10.122 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

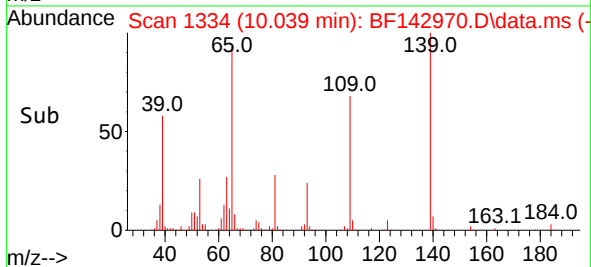
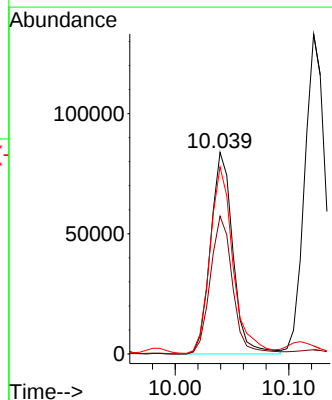
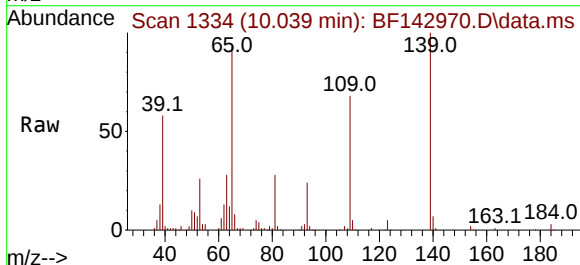
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

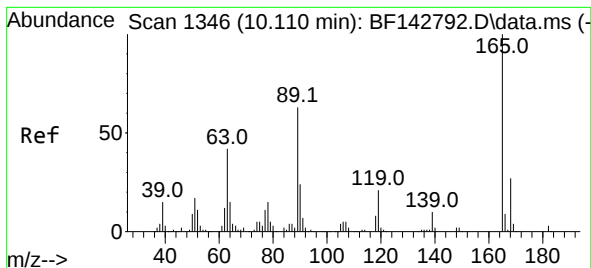
Tgt Ion:168 Resp: 443336  
Ion Ratio Lower Upper  
168 100  
139 37.5 30.2 45.4  
169 13.1 10.8 16.2



#56  
4-Nitrophenol  
Concen: 99.242 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:139 Resp: 114497  
Ion Ratio Lower Upper  
139 100  
109 68.4 44.7 84.7  
65 92.8 69.8 109.8

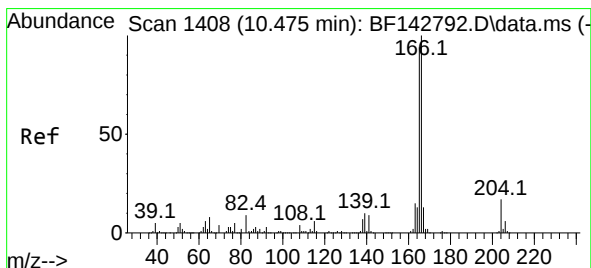
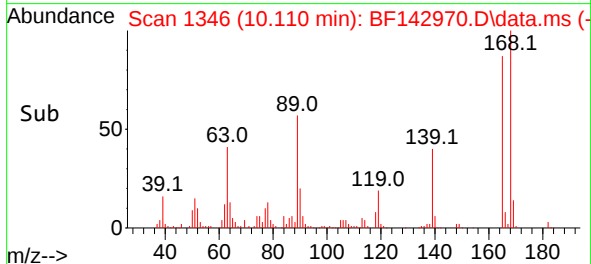
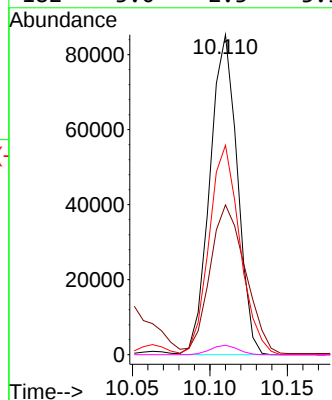
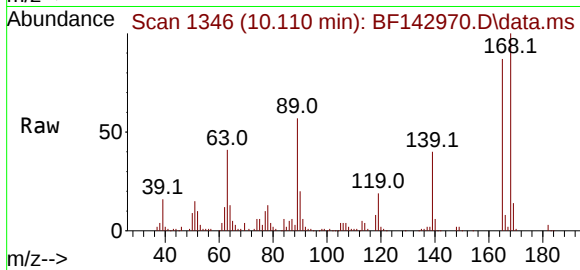




#57  
2,4-Dinitrotoluene  
Concen: 51.617 ng  
RT: 10.110 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

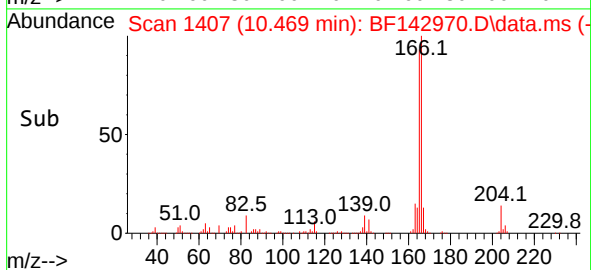
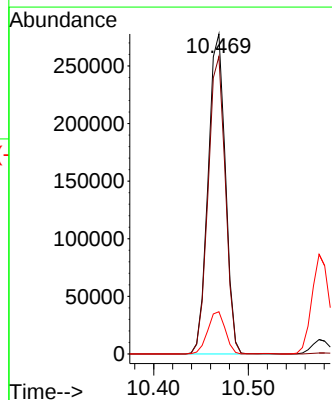
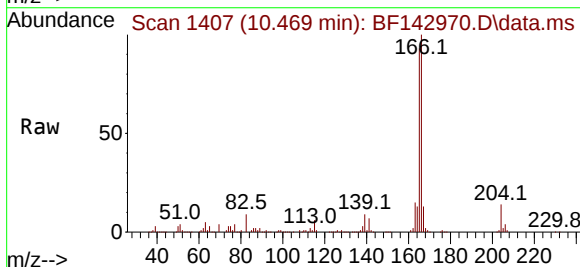
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

Tgt Ion:165 Resp: 104944  
Ion Ratio Lower Upper  
165 100  
63 46.8 33.9 50.9  
89 65.4 50.6 75.8  
182 3.0 2.3 3.5



#58  
Fluorene  
Concen: 48.915 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:166 Resp: 351193  
Ion Ratio Lower Upper  
166 100  
165 93.0 75.2 112.8  
167 13.2 10.6 15.8

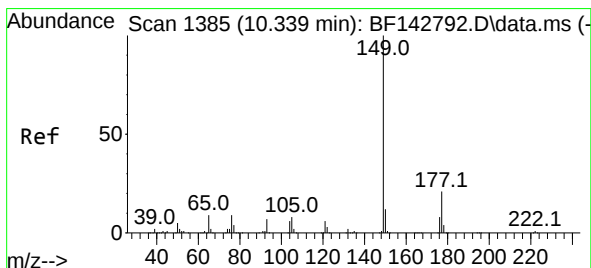
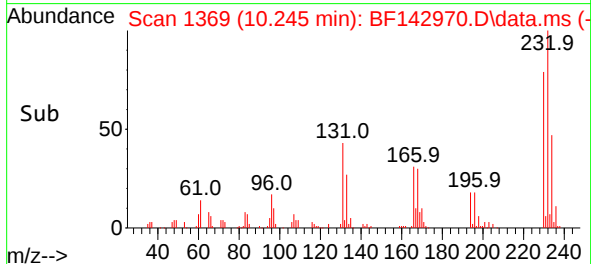
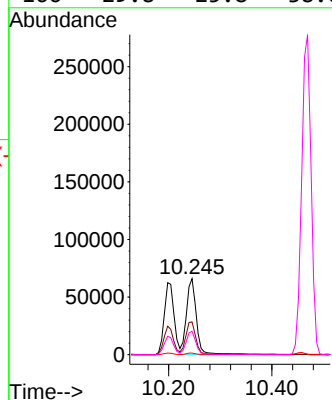
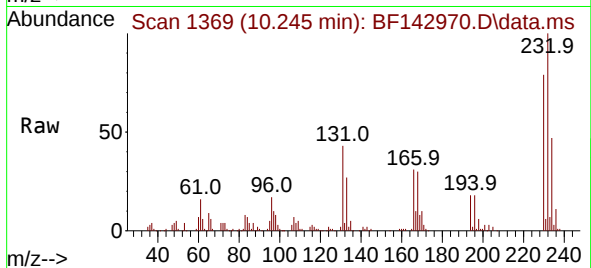




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.883 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

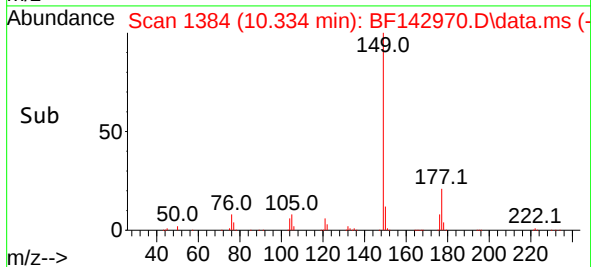
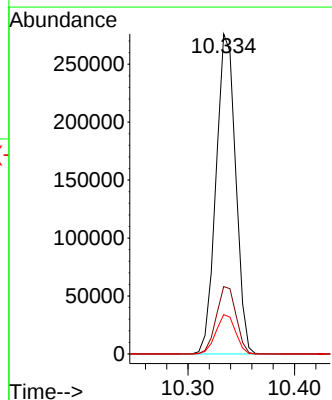
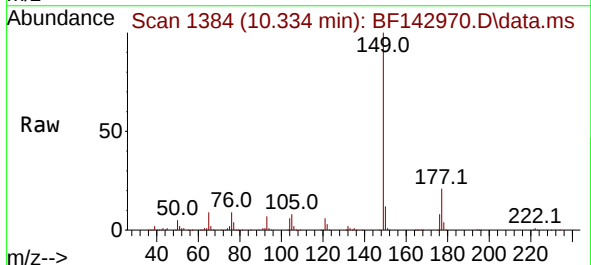
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

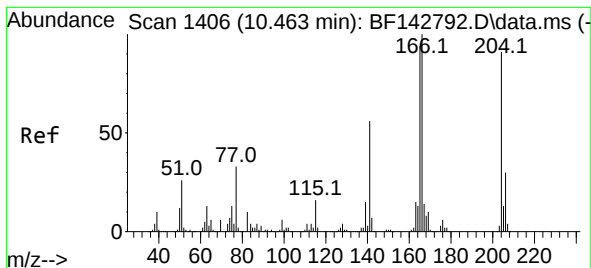
Tgt Ion:232 Resp: 87628  
Ion Ratio Lower Upper  
232 100  
131 42.7 37.6 56.4  
130 2.1 1.7 2.5  
166 29.8 25.8 38.6



#60  
Diethylphthalate  
Concen: 51.659 ng  
RT: 10.334 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:149 Resp: 353027  
Ion Ratio Lower Upper  
149 100  
177 21.0 17.0 25.6  
150 12.3 9.8 14.6

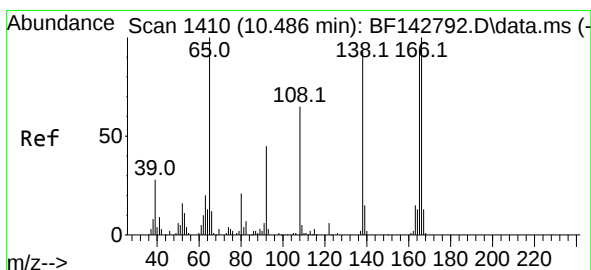
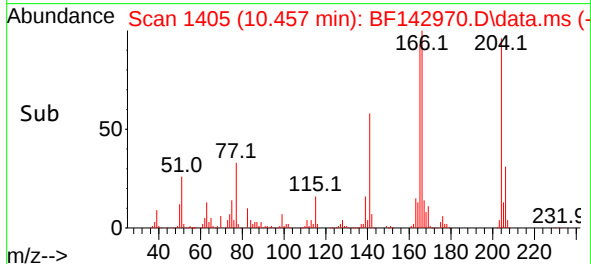
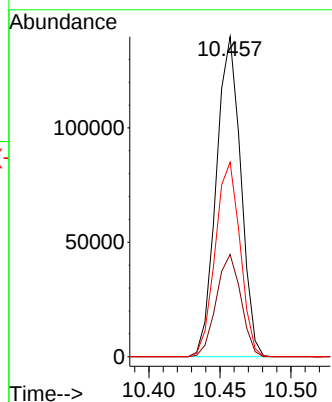
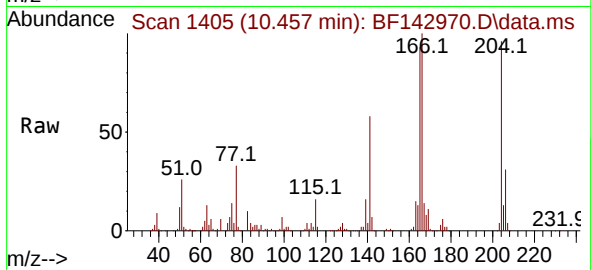




#61  
4-Chlorophenyl-phenylether  
Concen: 49.041 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

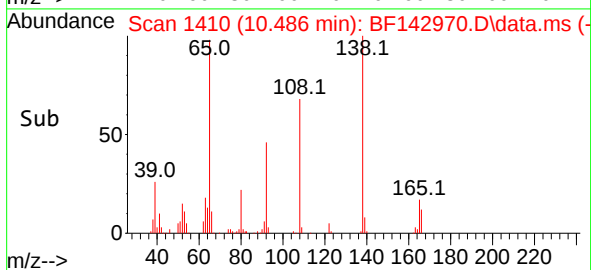
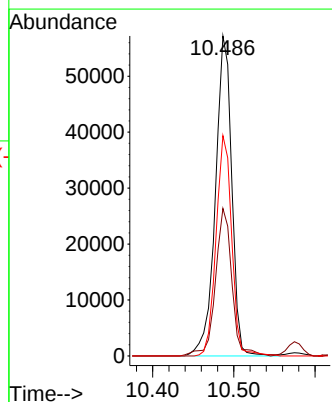
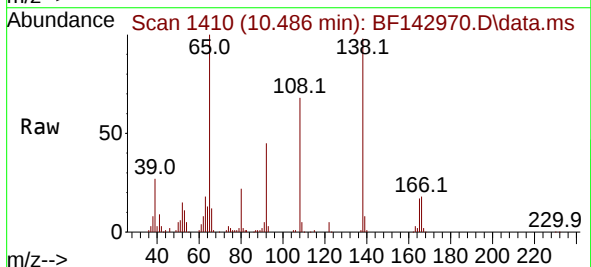
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

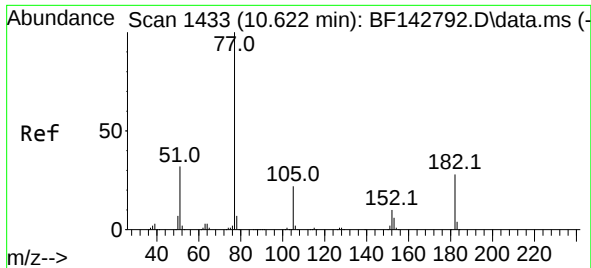
Tgt Ion:204 Resp: 168016  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.3 39.5  
141 60.7 49.1 73.7



#62  
4-Nitroaniline  
Concen: 52.153 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:138 Resp: 80381  
Ion Ratio Lower Upper  
138 100  
92 46.1 28.4 68.4  
108 68.9 50.2 90.2

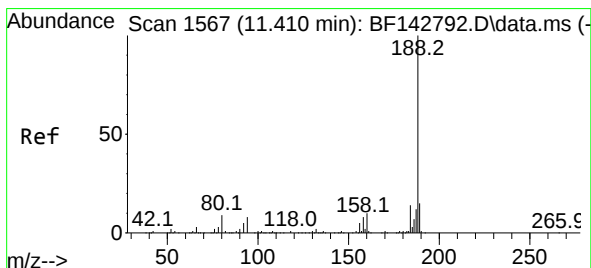
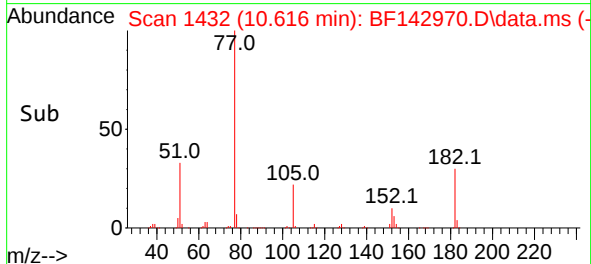
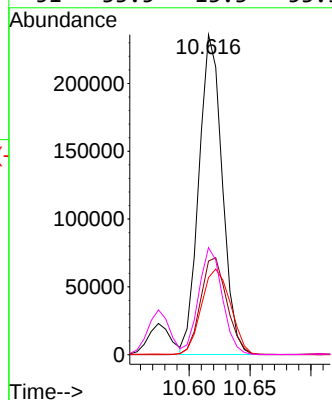
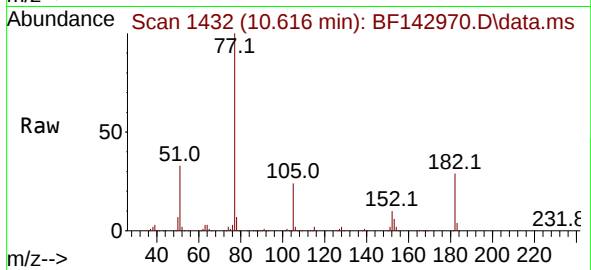




#63  
Azobenzene  
Concen: 51.503 ng  
RT: 10.616 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

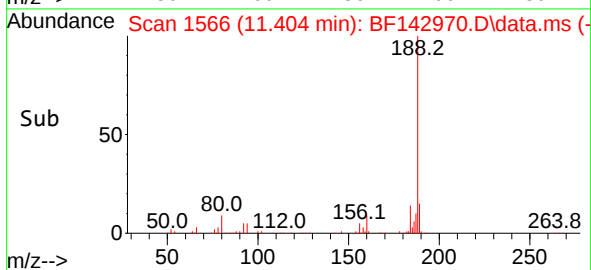
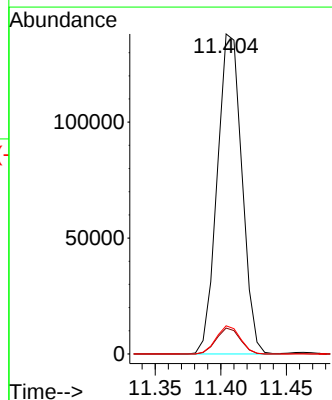
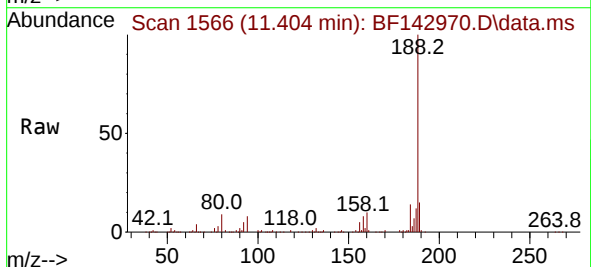
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

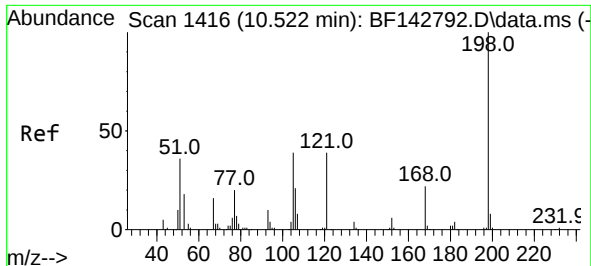
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 314566 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.3  | 7.7   | 47.7   |
| 105      | 24.1  | 1.9   | 41.9   |
| 51       | 33.5  | 13.3  | 53.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 180519 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.1   | 6.7   | 10.1   |
| 80       | 8.8   | 6.9   | 10.3   |

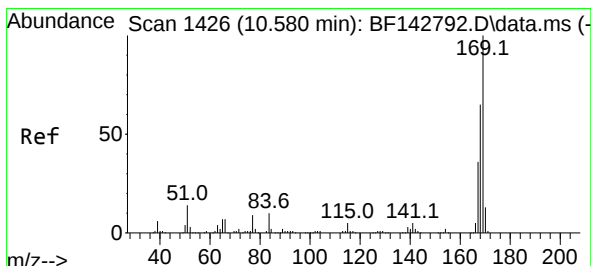
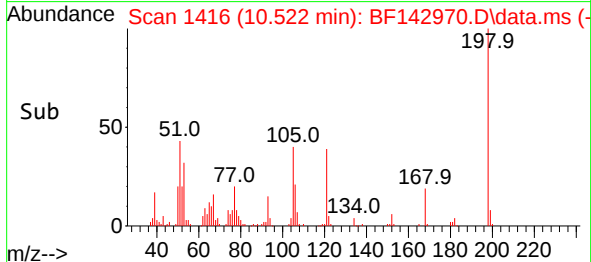
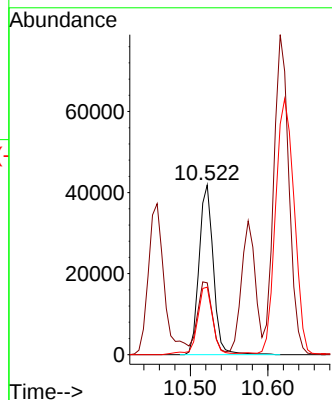
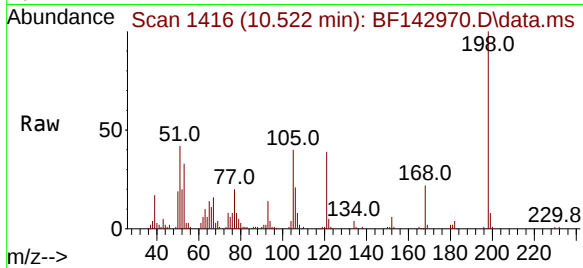




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.058 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

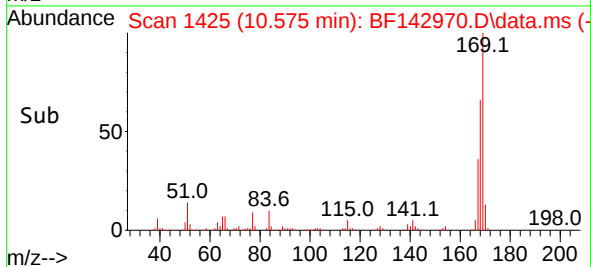
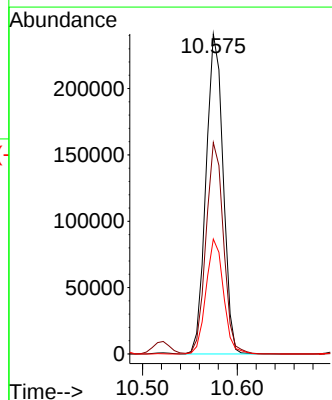
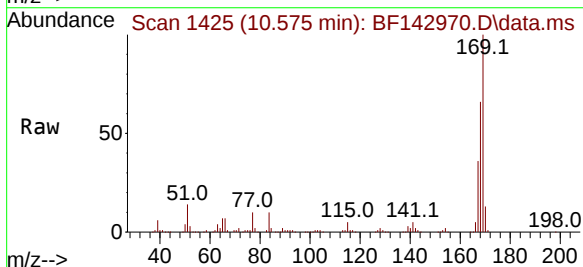
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

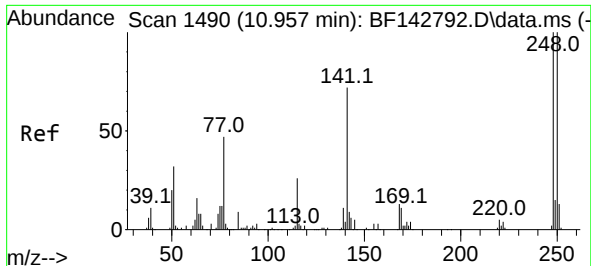
Tgt Ion:198 Resp: 53566  
Ion Ratio Lower Upper  
198 100  
51 42.3 25.4 65.4  
105 39.7 20.4 60.4



#66  
n-Nitrosodiphenylamine  
Concen: 48.057 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:169 Resp: 300659  
Ion Ratio Lower Upper  
169 100  
168 66.0 51.9 77.9  
167 35.9 28.5 42.7

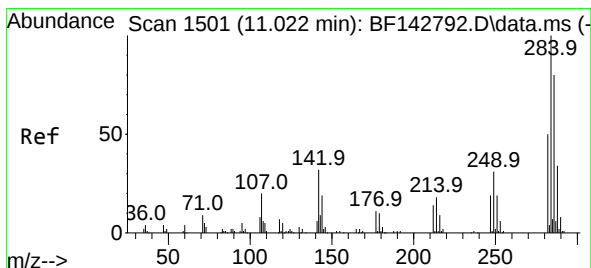
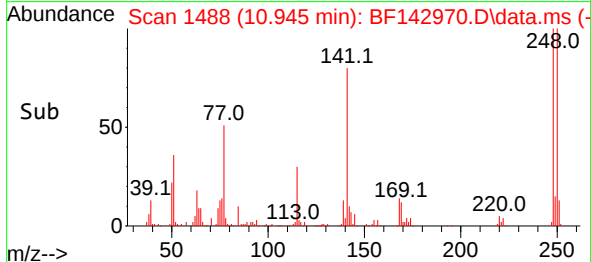
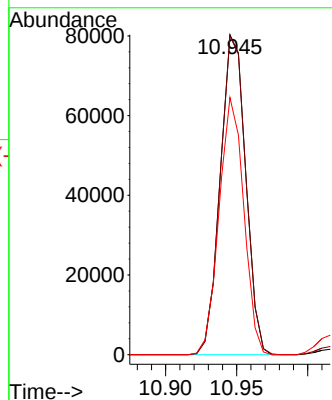
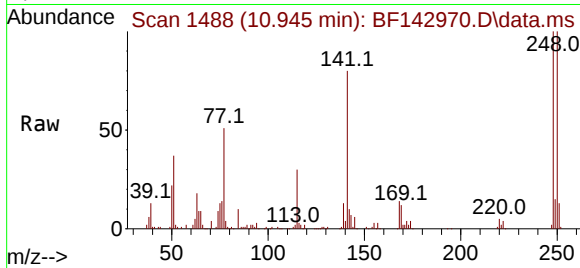




#67  
4-Bromophenyl-phenylether  
Concen: 48.667 ng  
RT: 10.945 min Scan# 1488  
Delta R.T. -0.012 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

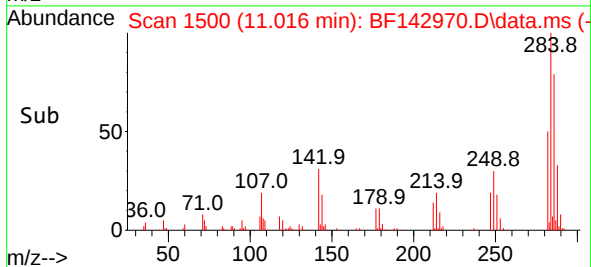
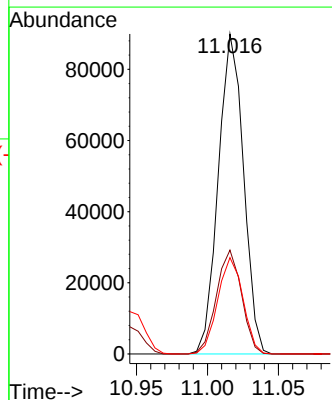
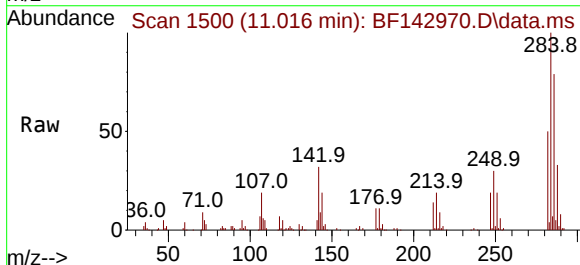
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

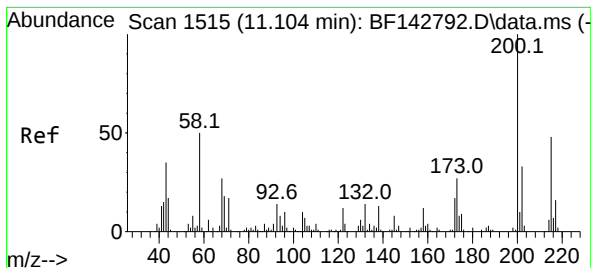
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:248 | Resp: | 99985      |
| Ion Ratio   | Lower | Upper      |
| 248         | 100   |            |
| 250         | 99.6  | 79.8 119.8 |
| 141         | 80.3  | 57.8 86.6  |



#68  
Hexachlorobenzene  
Concen: 48.651 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:284 | Resp: | 111064    |
| Ion Ratio   | Lower | Upper     |
| 284         | 100   |           |
| 142         | 32.4  | 25.5 38.3 |
| 249         | 30.1  | 24.9 37.3 |





#69

Atrazine

Concen: 57.059 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

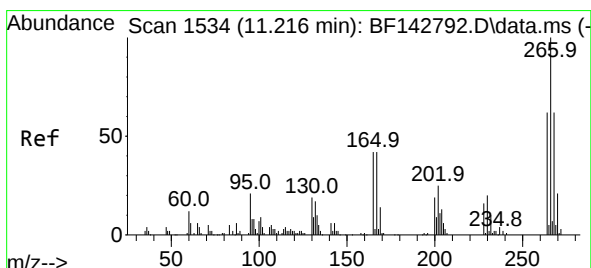
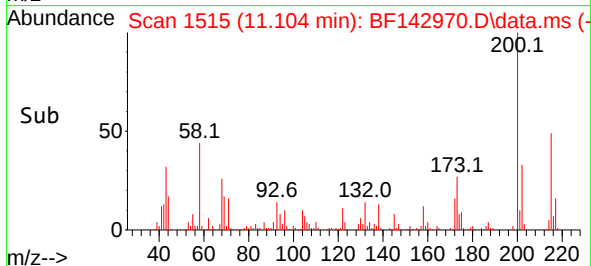
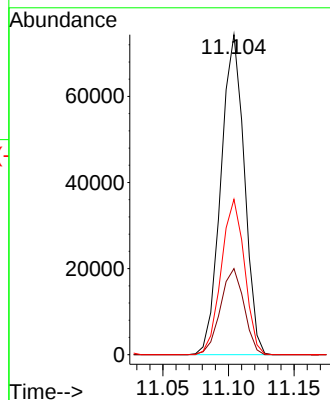
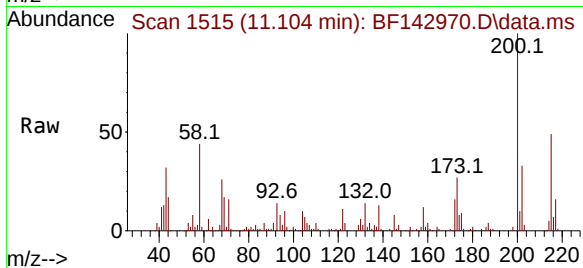
Tgt Ion:200 Resp: 92183

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 48.5 28.4 68.4



#70

Pentachlorophenol

Concen: 92.386 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

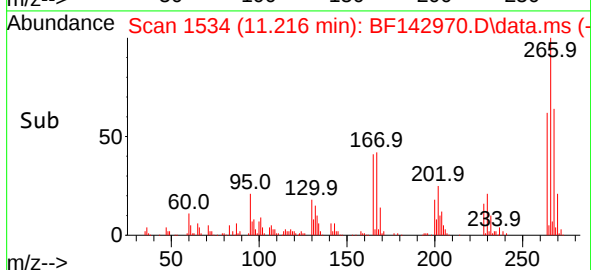
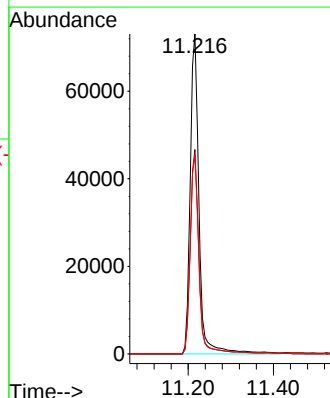
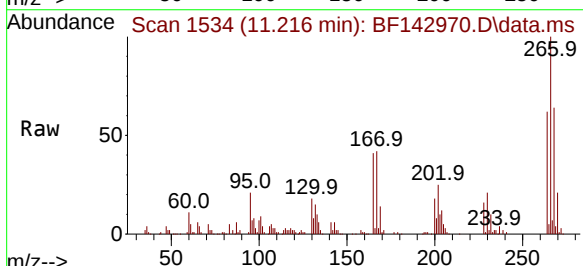
Tgt Ion:266 Resp: 105094

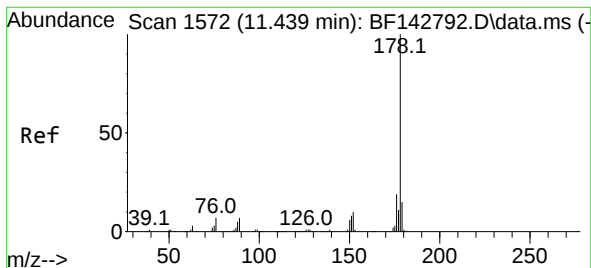
Ion Ratio Lower Upper

266 100

268 63.9 49.8 74.8

264 62.2 49.9 74.9





#71

Phenanthrene

Concen: 48.839 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

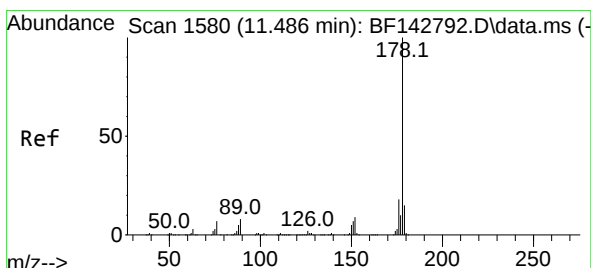
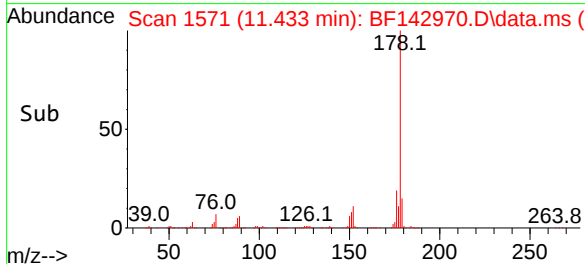
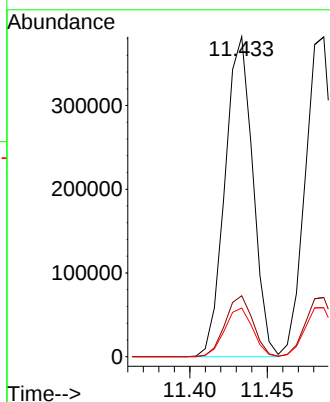
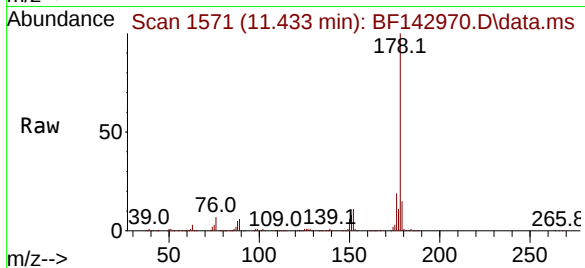
Tgt Ion:178 Resp: 477581

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.2 12.0 18.0



#72

Anthracene

Concen: 48.768 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

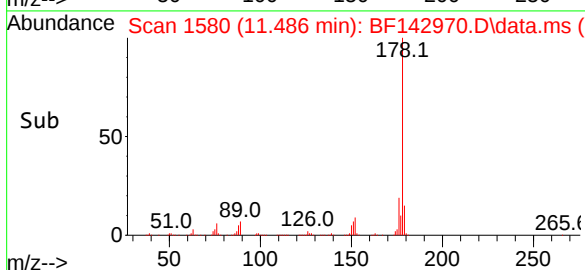
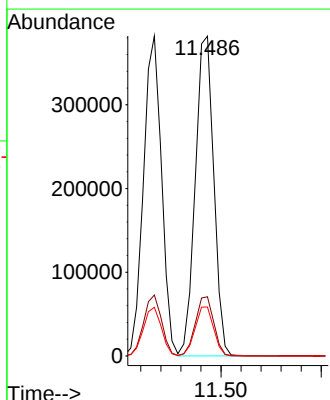
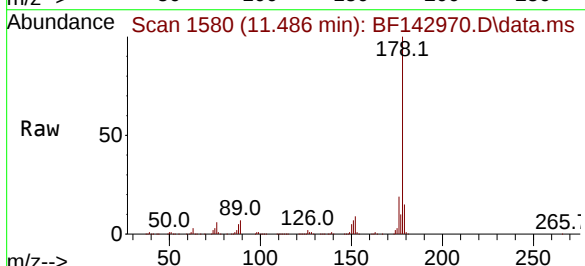
Tgt Ion:178 Resp: 489090

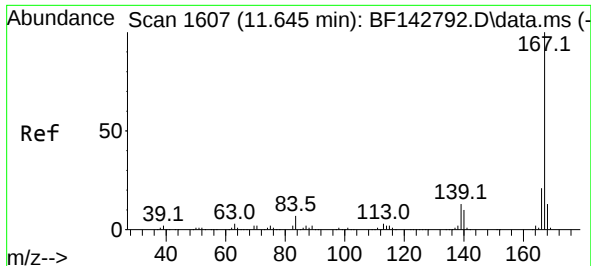
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

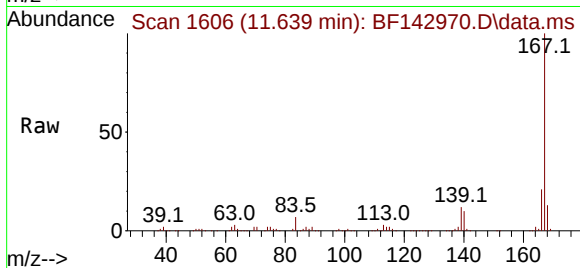
179 15.3 12.4 18.6



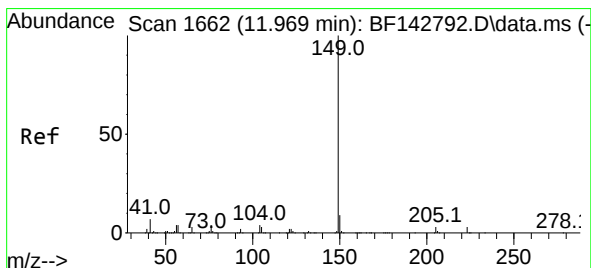
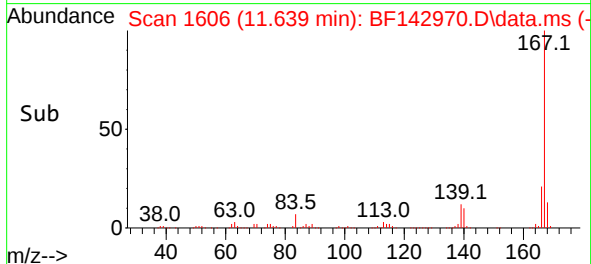
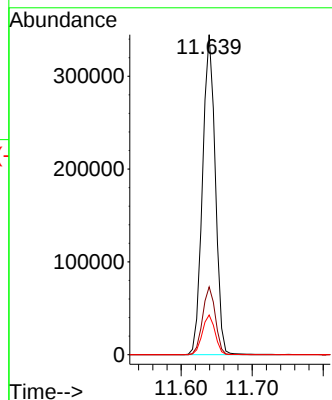


#73  
Carbazole  
Concen: 49.887 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

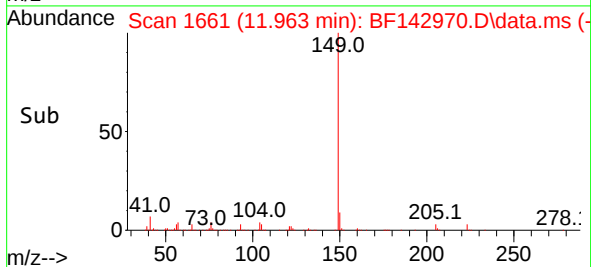
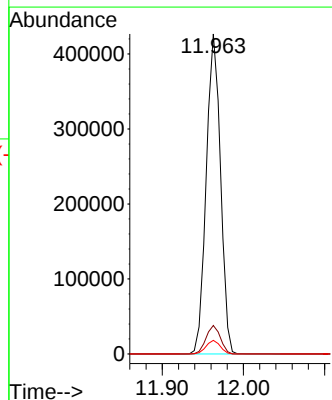
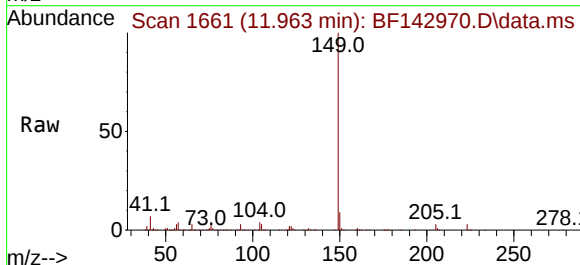


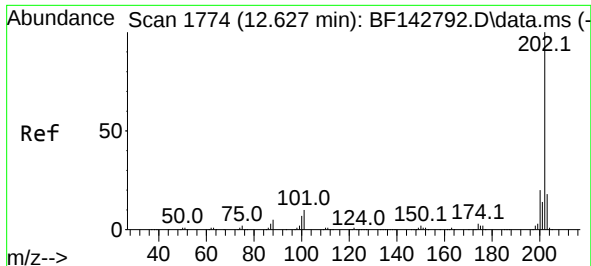
Tgt Ion:167 Resp: 431756  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.0 25.4  
139 12.4 10.2 15.2



#74  
Di-n-butylphthalate  
Concen: 57.554 ng  
RT: 11.963 min Scan# 1661  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:149 Resp: 518905  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.4 11.0  
104 4.3 3.5 5.3

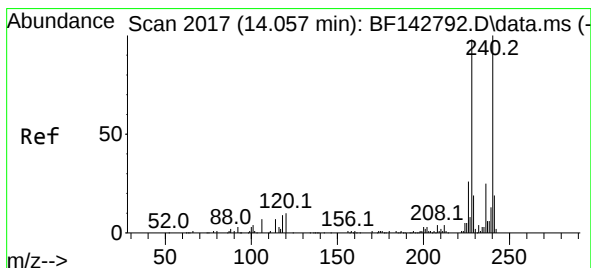
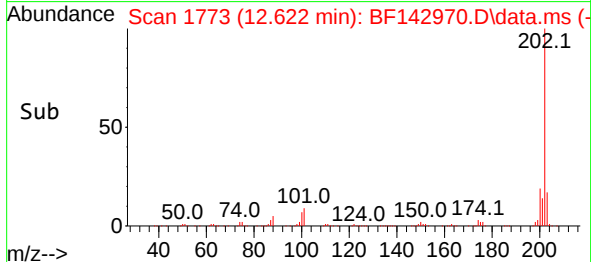
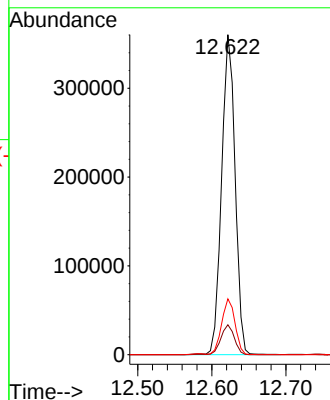
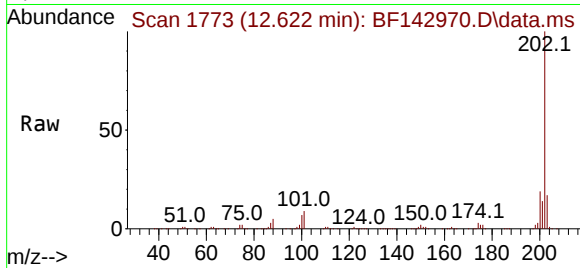




#75  
Fluoranthene  
Concen: 49.186 ng  
RT: 12.622 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

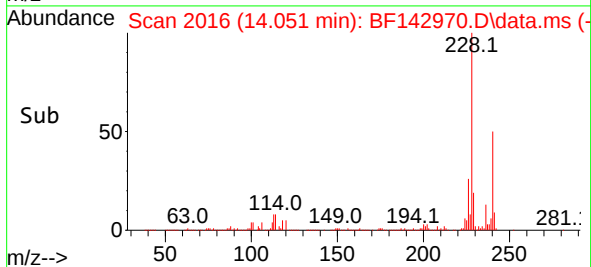
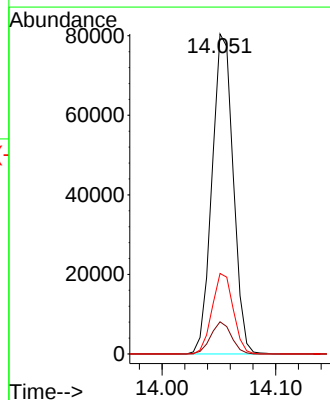
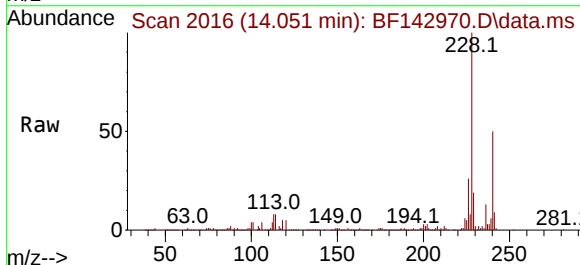
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

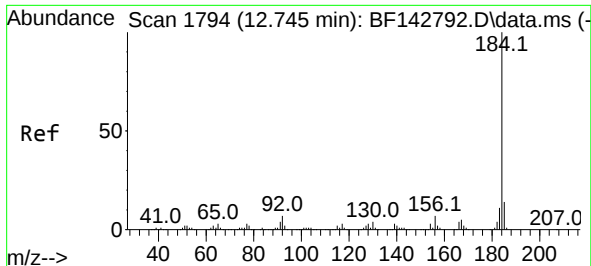
Tgt Ion:202 Resp: 456472  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 29.7  
203 17.4 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:240 Resp: 104217  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.2 12.2  
236 25.1 19.8 29.8

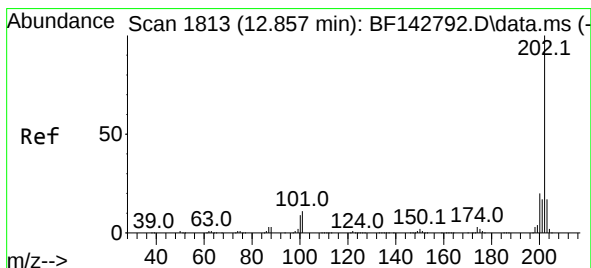
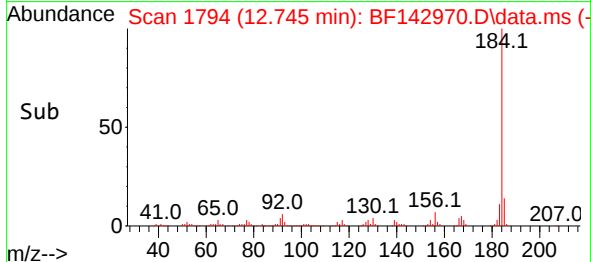
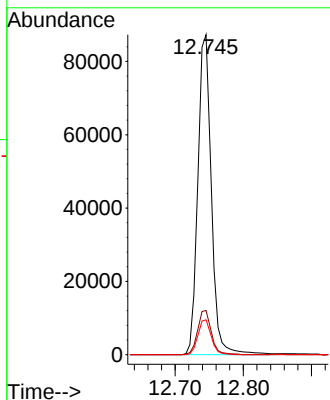
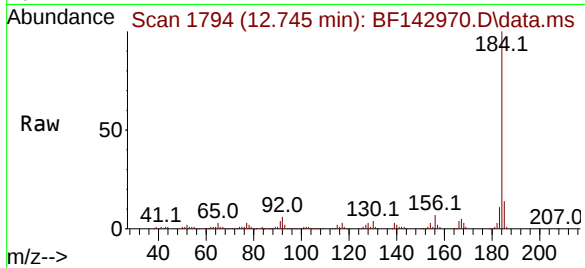




#77  
Benzidine  
Concen: 30.706 ng  
RT: 12.745 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

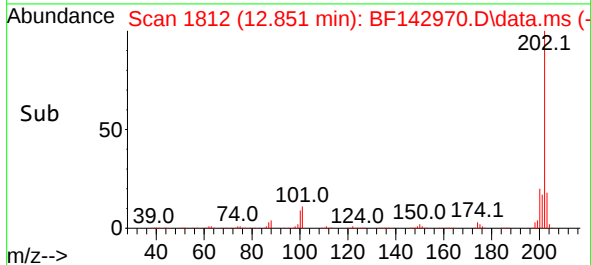
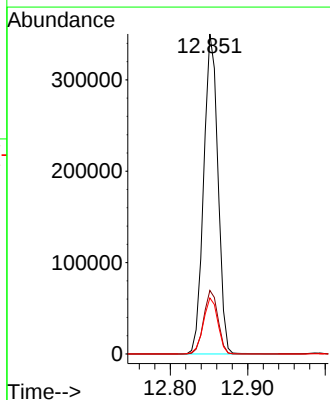
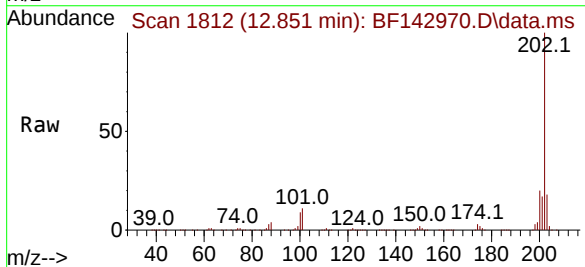
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

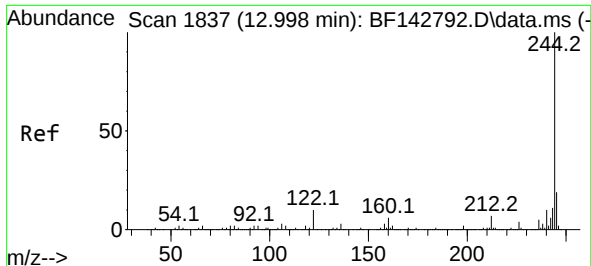
Tgt Ion:184 Resp: 120231  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.5 17.3  
183 10.9 9.0 13.4



#78  
Pyrene  
Concen: 45.717 ng  
RT: 12.851 min Scan# 1812  
Delta R.T. -0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:202 Resp: 446599  
Ion Ratio Lower Upper  
202 100  
200 19.8 15.7 23.5  
203 17.5 13.8 20.6

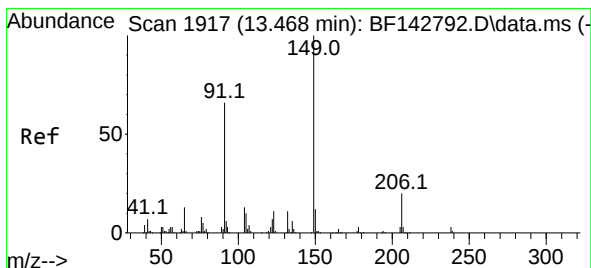
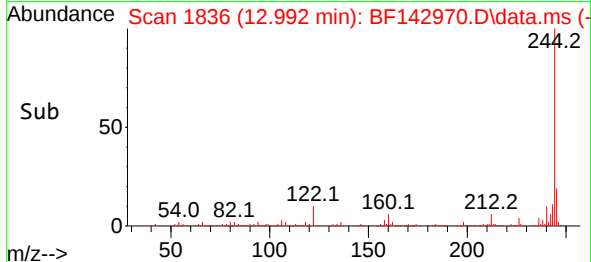
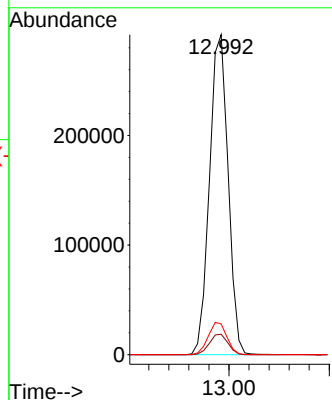
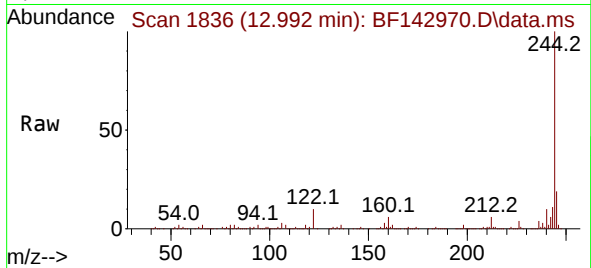




#79  
 Terphenyl-d14  
 Concen: 50.027 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.006 min  
 Lab File: BF142970.D  
 Acq: 02 Jul 2025 14:47

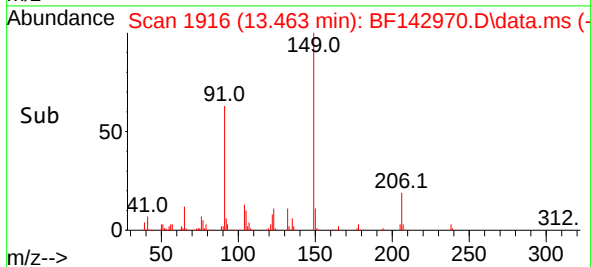
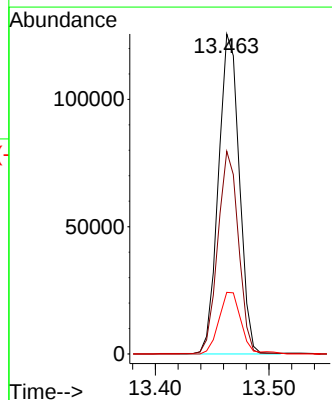
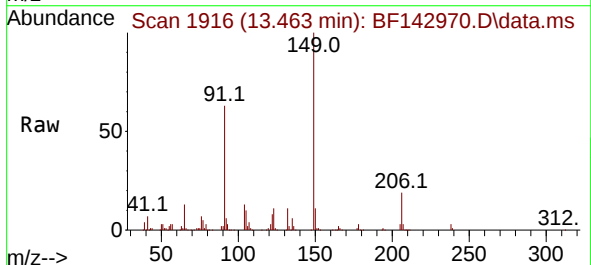
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-67MS

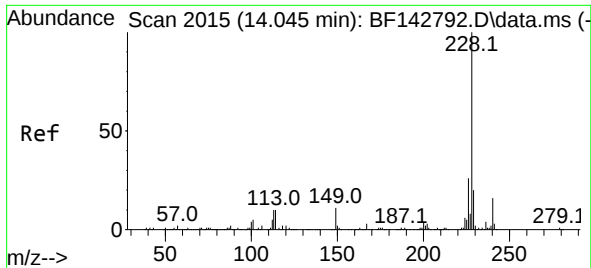
Tgt Ion:244 Resp: 377340  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.4 8.0  
 122 9.6 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 56.593 ng  
 RT: 13.463 min Scan# 1916  
 Delta R.T. -0.006 min  
 Lab File: BF142970.D  
 Acq: 02 Jul 2025 14:47

Tgt Ion:149 Resp: 160365  
 Ion Ratio Lower Upper  
 149 100  
 91 63.4 52.9 79.3  
 206 19.2 16.3 24.5

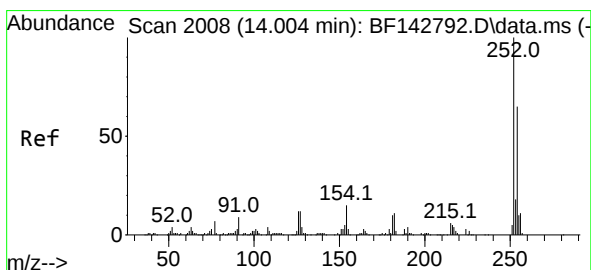
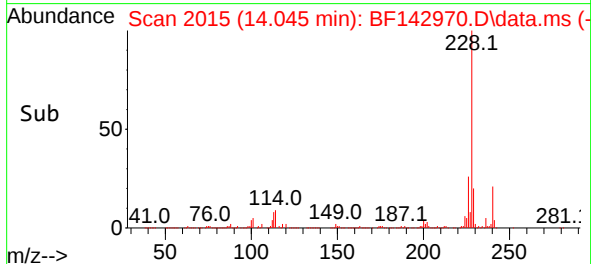
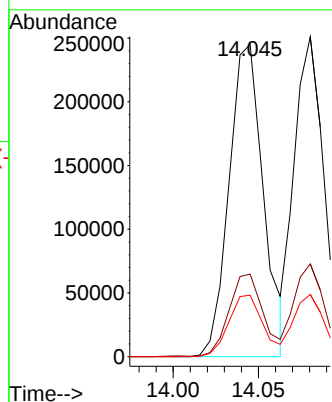
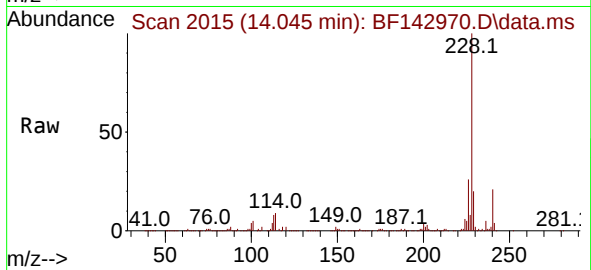




#81  
Benzo(a)anthracene  
Concen: 48.756 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

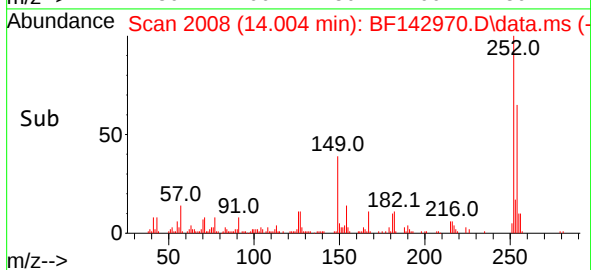
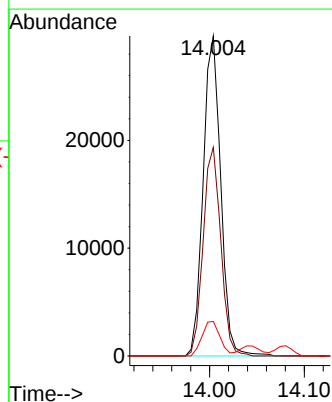
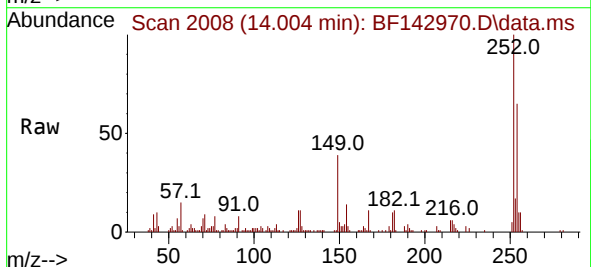
Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

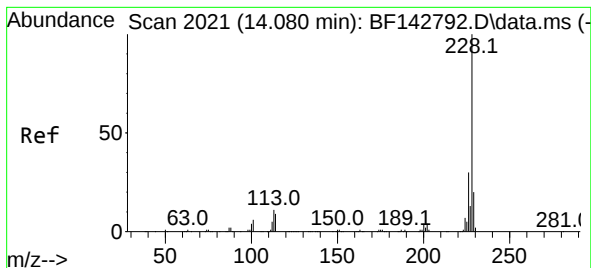
Tgt Ion:228 Resp: 342784  
Ion Ratio Lower Upper  
228 100  
226 26.4 21.2 31.8  
229 19.7 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 16.796 ng  
RT: 14.004 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:252 Resp: 38302  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.7 77.5  
126 10.8 9.4 14.2





#83

Chrysene

Concen: 48.447 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

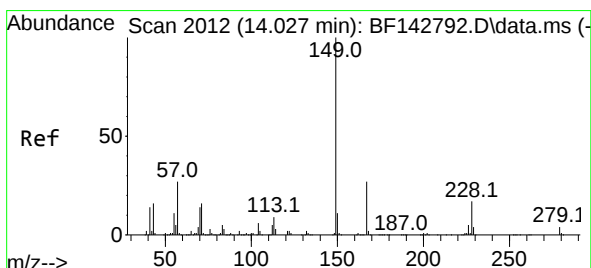
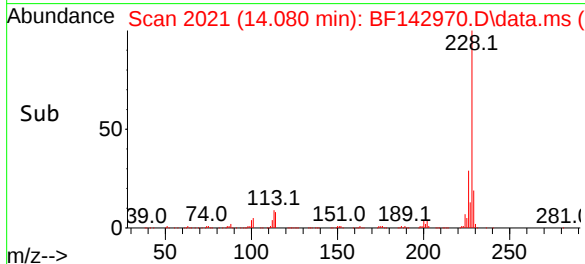
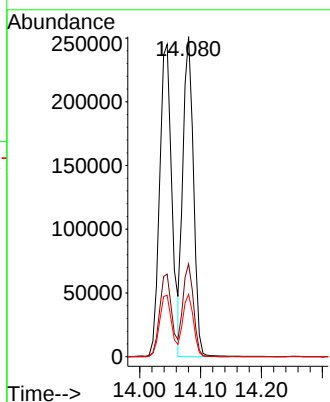
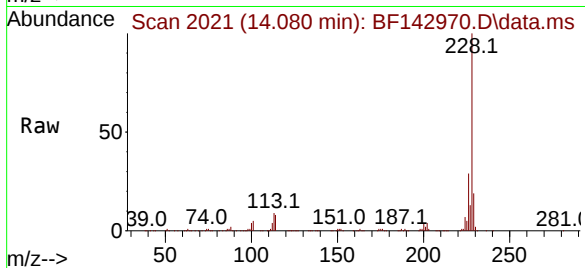
Tgt Ion:228 Resp: 303931

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.284 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

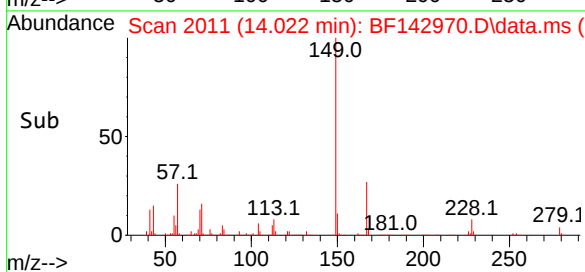
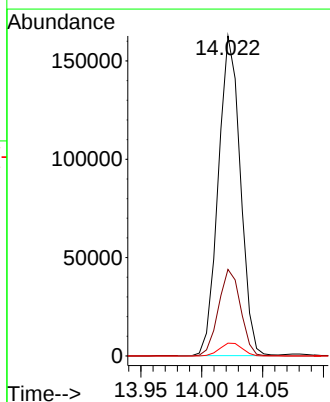
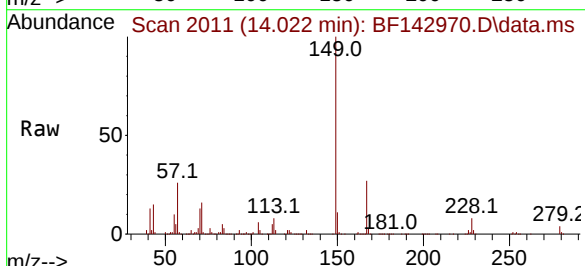
Tgt Ion:149 Resp: 205005

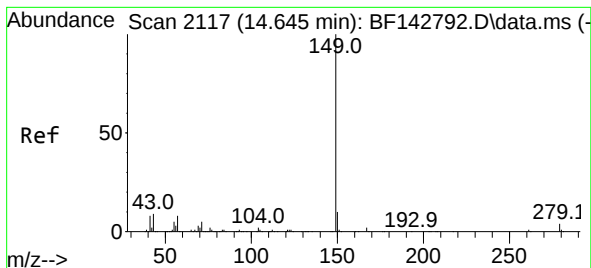
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.295 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

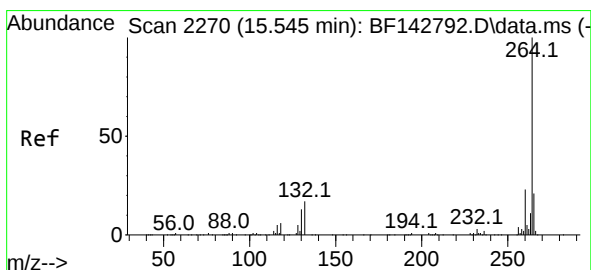
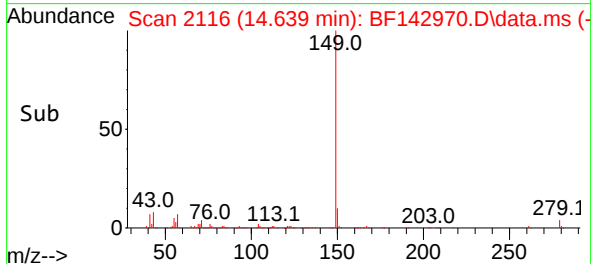
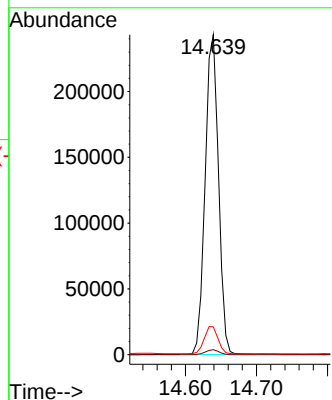
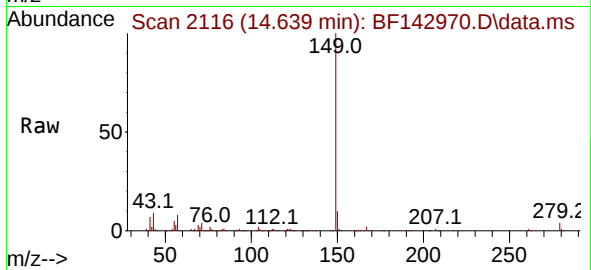
Tgt Ion:149 Resp: 317463

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

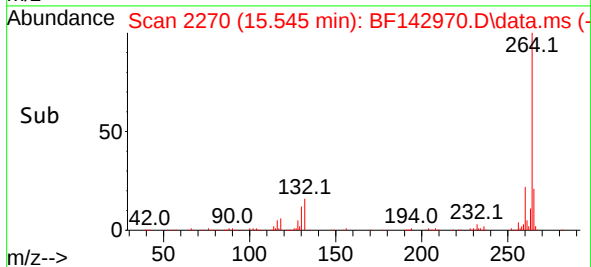
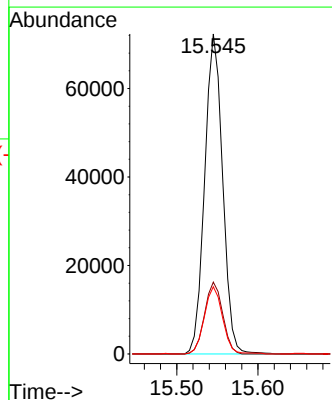
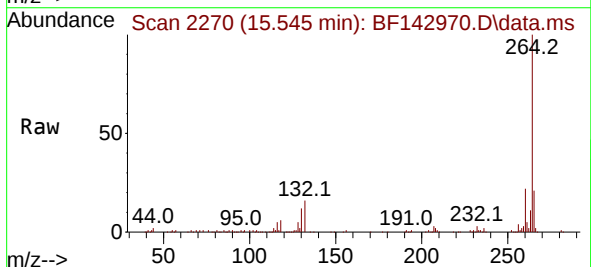
Tgt Ion:264 Resp: 110887

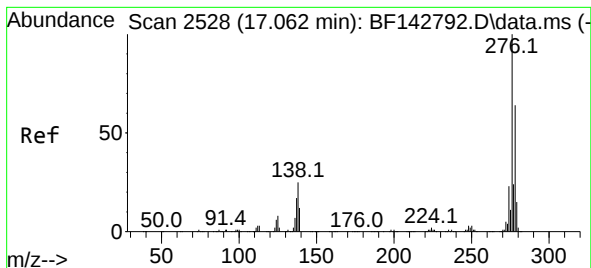
Ion Ratio Lower Upper

264 100

260 22.4 18.1 27.1

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.359 ng

RT: 17.068 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

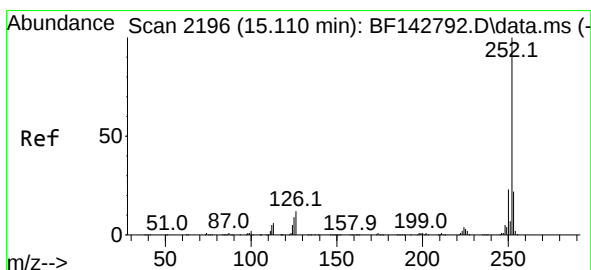
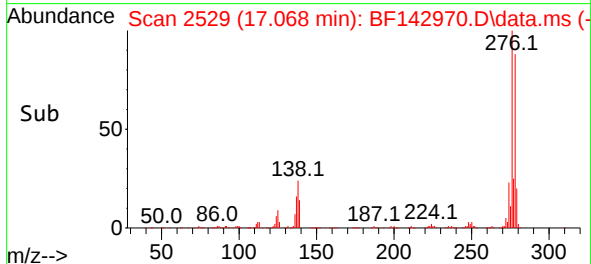
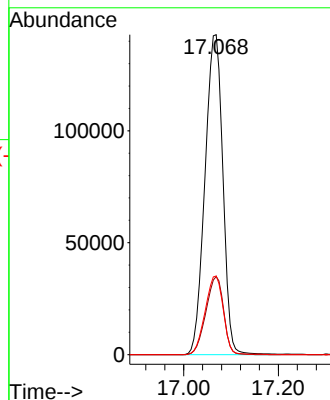
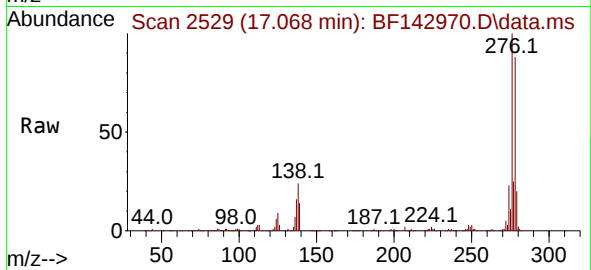
Tgt Ion:276 Resp: 374660

Ion Ratio Lower Upper

276 100

138 24.1 20.2 30.4

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 51.505 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

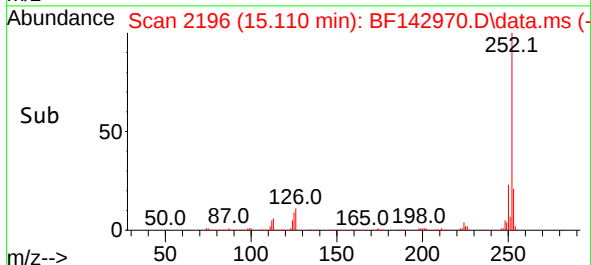
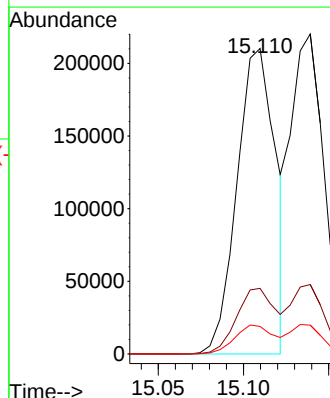
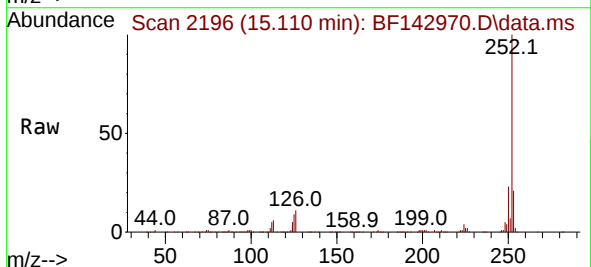
Tgt Ion:252 Resp: 330476

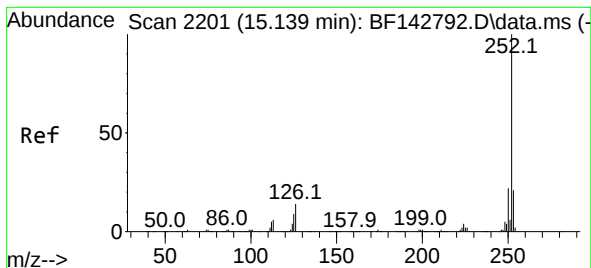
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.999 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA\_F

ClientSampleId :

TP-67MS

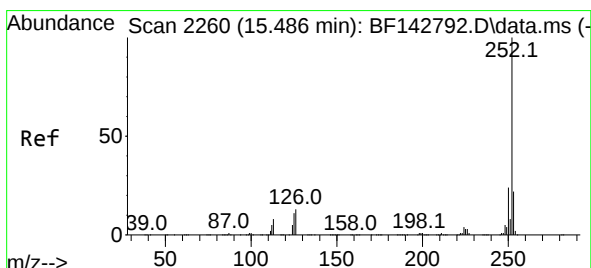
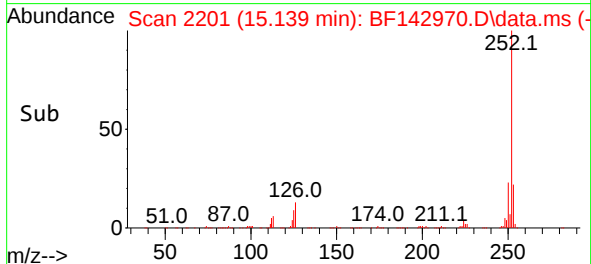
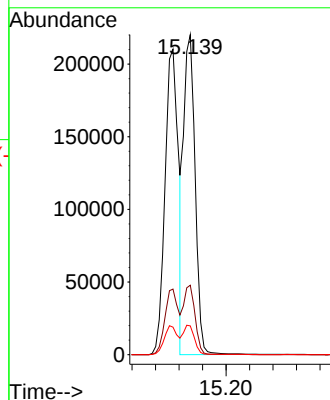
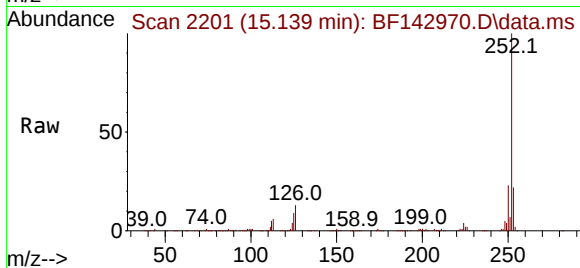
Tgt Ion:252 Resp: 300146

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.776 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

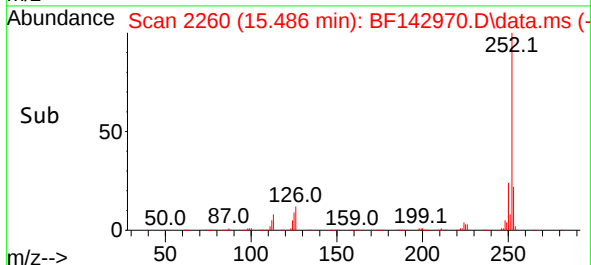
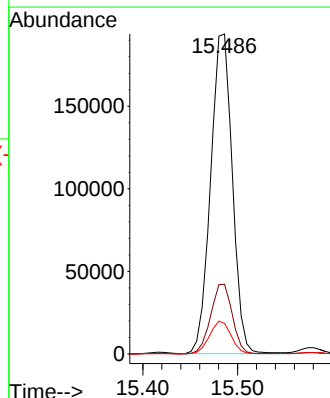
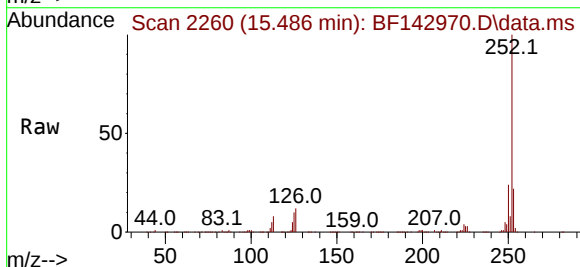
Tgt Ion:252 Resp: 308547

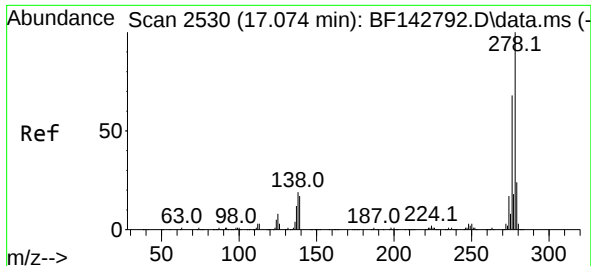
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.6 8.6 12.8

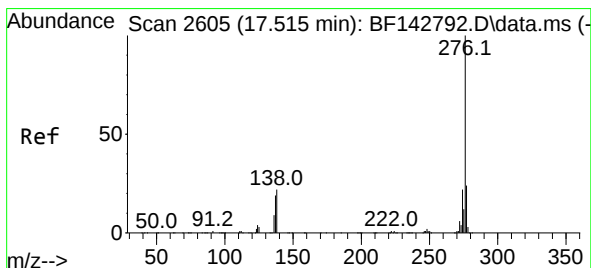
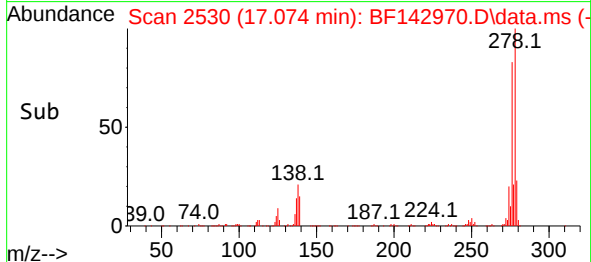
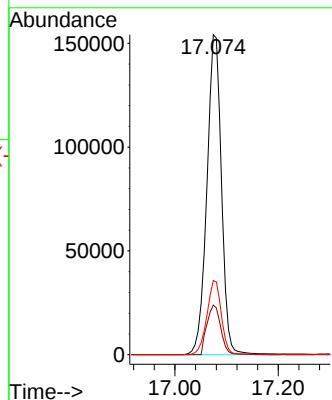
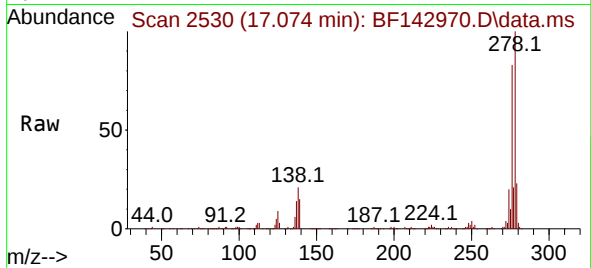




#91  
Dibenzo(a,h)anthracene  
Concen: 43.987 ng  
RT: 17.074 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
TP-67MS

Tgt Ion:278 Resp: 301867  
Ion Ratio Lower Upper  
278 100  
139 15.5 13.5 20.3  
279 23.1 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 43.296 ng  
RT: 17.521 min Scan# 2606  
Delta R.T. 0.006 min  
Lab File: BF142970.D  
Acq: 02 Jul 2025 14:47

Tgt Ion:276 Resp: 296284  
Ion Ratio Lower Upper  
276 100  
277 23.1 18.8 28.2  
138 20.2 17.6 26.4

