

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031025\  
 Data File : BF141906.D  
 Acq On : 10 Mar 2025 15:53  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031025

Quant Time: Mar 10 16:15:33 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 209747   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 840616   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 483165   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 813672   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 523890   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.510 | 264  | 426422   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 965473   | 76.823 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 1231487  | 76.962 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 1179480  | 78.962 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 486334   | 79.342 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 2399526  | 75.528 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 2825870  | 79.748 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 203628   | 38.670 | ng    | 99       |
| 3) Pyridine                   | 3.428  | 79   | 504398   | 39.050 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 239879   | 38.959 | ng    | 97       |
| 6) Aniline                    | 6.545  | 93   | 614962   | 38.958 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 539701   | 38.721 | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 339615   | 37.950 | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 658449   | 39.115 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 483438   | 38.246 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 577700   | 38.391 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 584132   | 38.366 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 555621   | 38.744 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 509792   | 39.408 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 569783   | 37.338 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 429715   | 38.775 | ng    | 99       |
| 18) Hexachloroethane          | 7.392  | 117  | 221507   | 38.797 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 391096   | 38.038 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 548208   | 38.619 | ng    | 99       |
| 22) Acetophenone              | 7.292  | 105  | 757917   | 37.650 | ng    | 98       |
| 24) Nitrobenzene              | 7.463  | 77   | 578836   | 38.980 | ng    | 99       |
| 25) Isophorone                | 7.704  | 82   | 1007659  | 38.163 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.775  | 139  | 294657   | 40.429 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 385504   | 38.414 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 628379   | 37.943 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 485205   | 38.952 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 526250   | 38.336 | ng    | 100      |
| 31) Naphthalene               | 8.187  | 128  | 1633401  | 37.827 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 373179   | 42.303 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 592172   | 38.847 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 347789   | 38.849 | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 141562   | 37.276 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 535661   | 38.550 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 1094895  | 37.935 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 1071850  | 38.484 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 561804   | 38.191 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 220386   | 38.281 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 377743   | 39.292 | ng    | 100      |

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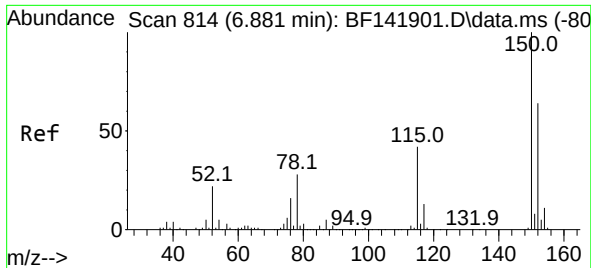
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 BNA\_F  
 ClientSampleId :  
 ICVBF031025

Quant Time: Mar 10 16:15:33 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 372564   | 38.263 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 1401736  | 38.182 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 1042241  | 38.090 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 308259   | 38.908 | ng    | 99       |
| 49) Acenaphthylene            | 9.781  | 152  | 1531852  | 37.725 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 1272572  | 37.611 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 274531   | 38.970 | ng    | 99       |
| 52) Acenaphthene              | 9.951  | 154  | 1095922  | 38.405 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.869  | 138  | 275555   | 38.561 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 142831   | 39.326 | ng    | 95       |
| 55) Dibenzofuran              | 10.122 | 168  | 1540381  | 37.778 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.016 | 139  | 212462   | 39.425 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 361518   | 39.291 | ng    | 99       |
| 58) Fluorene                  | 10.469 | 166  | 1175392  | 37.381 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 346168   | 39.070 | ng    | 99       |
| 60) Diethylphthalate          | 10.339 | 149  | 1293401  | 38.337 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 627404   | 38.272 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 270993   | 38.953 | ng    | 99       |
| 63) Azobenzene                | 10.622 | 77   | 1189121  | 37.911 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 200888   | 41.415 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 1008029  | 38.283 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 398683   | 39.015 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 445938   | 39.789 | ng    | 96       |
| 69) Atrazine                  | 11.098 | 200  | 257856   | 31.945 | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 289713   | 41.955 | ng    | 100      |
| 71) Phenanthrene              | 11.427 | 178  | 1685770  | 38.357 | ng    | 100      |
| 72) Anthracene                | 11.480 | 178  | 1675103  | 37.991 | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 1451333  | 38.167 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1953516  | 38.717 | ng    | 100      |
| 75) Fluoranthene              | 12.616 | 202  | 1750317  | 37.545 | ng    | 100      |
| 77) Benzidine                 | 12.733 | 184  | 420377   | 57.513 | ng    | 100      |
| 78) Pyrene                    | 12.845 | 202  | 1746456  | 38.539 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 723288   | 40.778 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 1347977  | 39.211 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 380866   | 38.337 | ng    | 100      |
| 83) Chrysene                  | 14.068 | 228  | 1159074  | 37.195 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 1006170  | 41.142 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1394136  | 40.971 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 1061096  | 38.467 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1166263  | 39.906 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 869471   | 34.765 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 882967   | 38.612 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 886038   | 38.931 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.451 | 276  | 855812   | 38.051 | ng    | 99       |

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

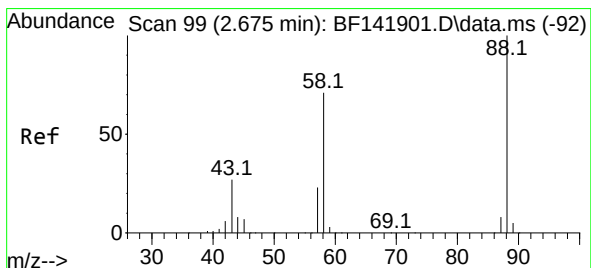
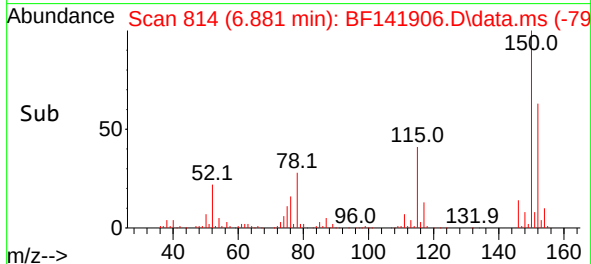
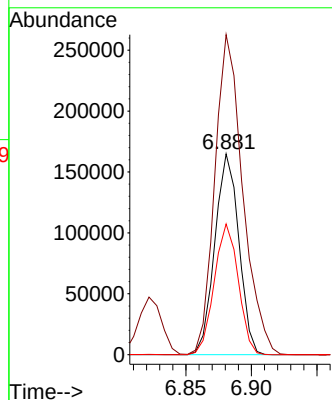
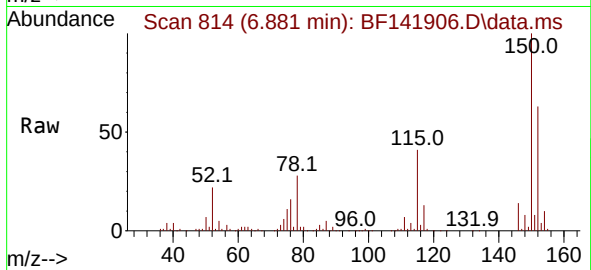




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: BF141906.D  
 Acq: 10 Mar 2025 15:53

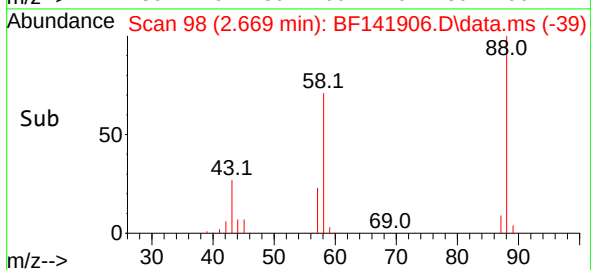
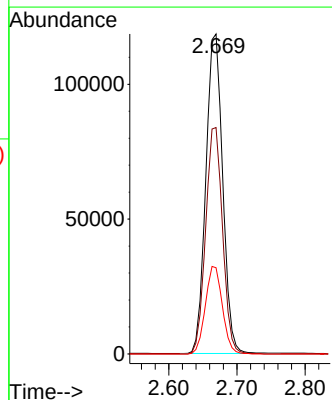
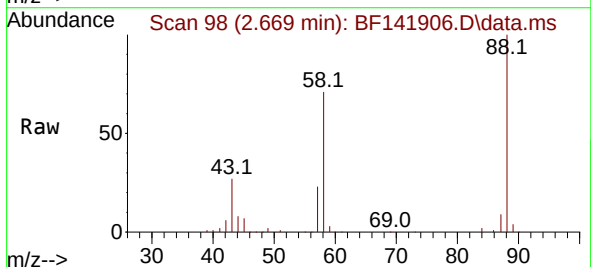
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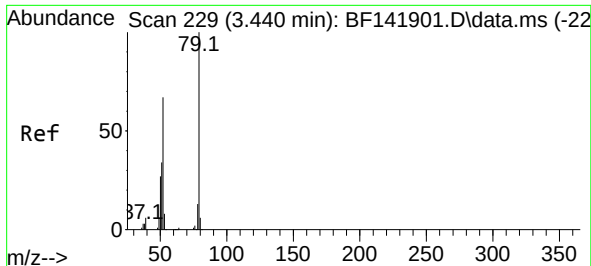
Tgt Ion:152 Resp: 209747  
 Ion Ratio Lower Upper  
 152 100  
 150 159.4 127.4 191.2  
 115 65.1 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 38.670 ng  
 RT: 2.669 min Scan# 98  
 Delta R.T. -0.006 min  
 Lab File: BF141906.D  
 Acq: 10 Mar 2025 15:53

Tgt Ion: 88 Resp: 203628  
 Ion Ratio Lower Upper  
 88 100  
 58 71.2 57.4 86.2  
 43 27.6 21.5 32.3

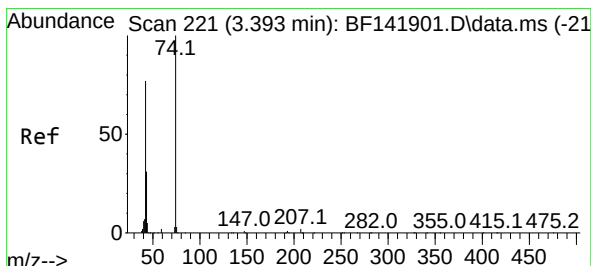
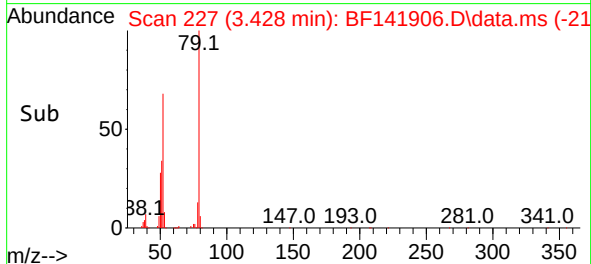
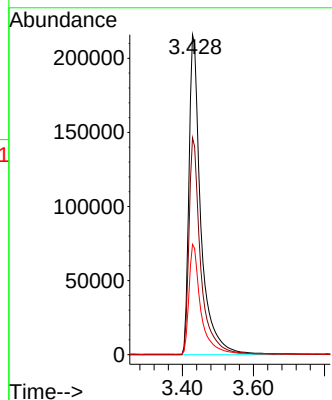
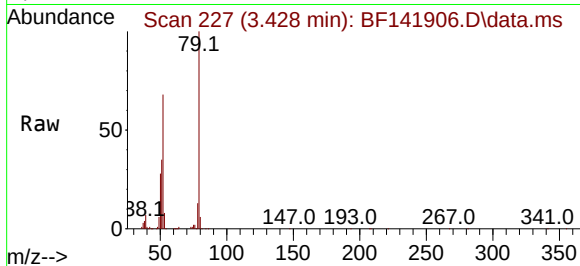




#3  
Pyridine  
Concen: 39.050 ng  
RT: 3.428 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

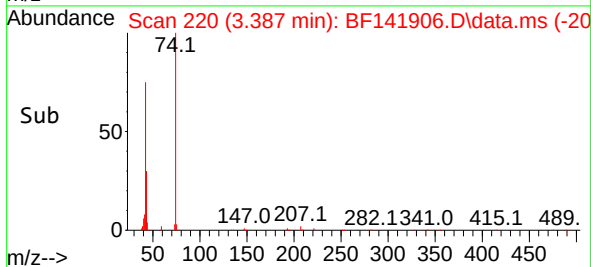
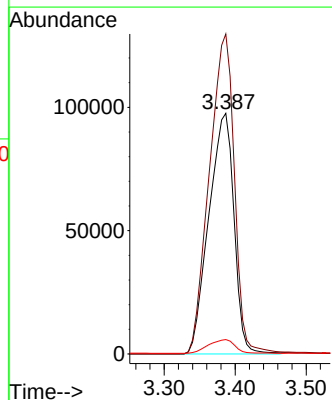
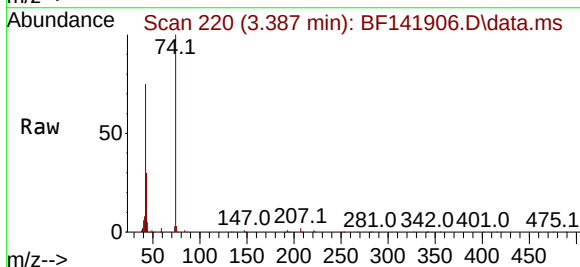
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ClientSampleId :  
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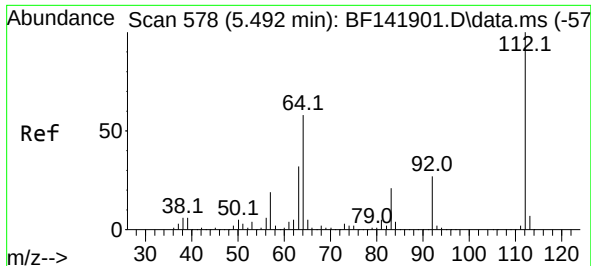
Tgt Ion: 79 Resp: 504398  
Ion Ratio Lower Upper  
79 100  
52 67.8 53.3 79.9  
51 34.5 27.6 41.4



#4  
n-Nitrosodimethylamine  
Concen: 38.959 ng  
RT: 3.387 min Scan# 220  
Delta R.T. -0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion: 42 Resp: 239879  
Ion Ratio Lower Upper  
42 100  
74 133.0 103.4 155.0  
44 6.0 5.0 7.4

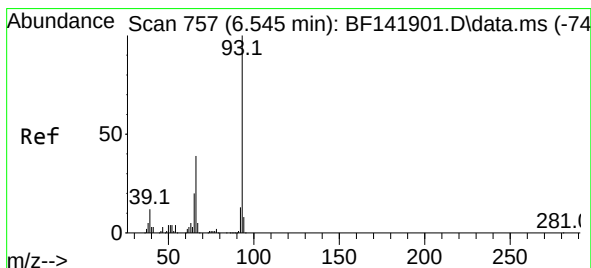
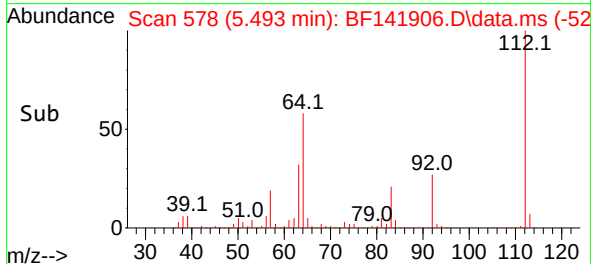
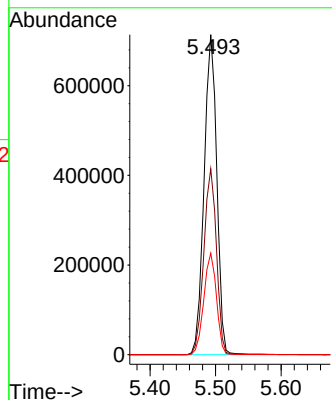
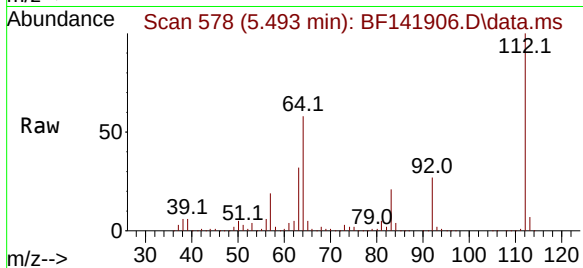




#5  
2-Fluorophenol  
Concen: 76.823 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

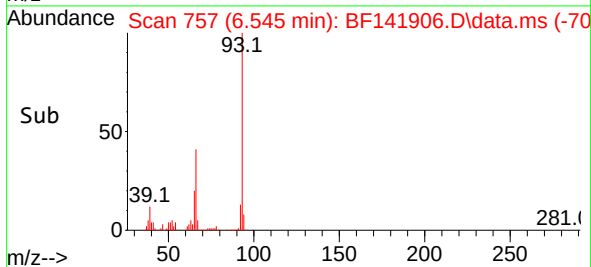
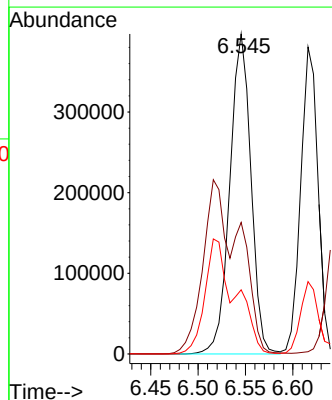
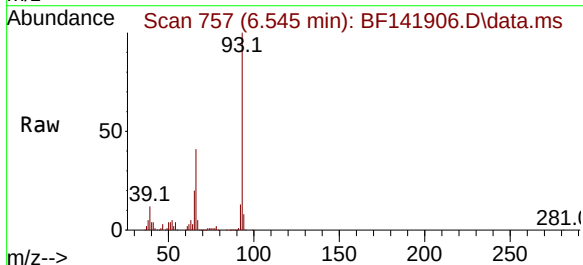
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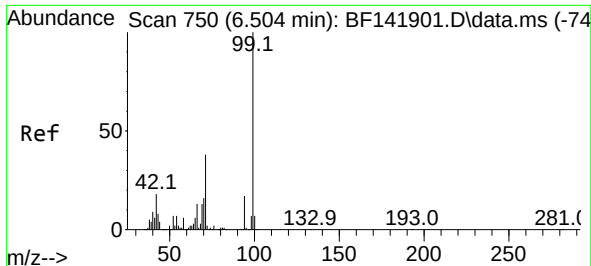
Tgt Ion:112 Resp: 965473  
Ion Ratio Lower Upper  
112 100  
64 58.1 46.5 69.7  
63 31.7 25.4 38.2



#6  
Aniline  
Concen: 38.958 ng  
RT: 6.545 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion: 93 Resp: 614962  
Ion Ratio Lower Upper  
93 100  
66 41.1 31.9 47.9  
65 20.0 15.8 23.6

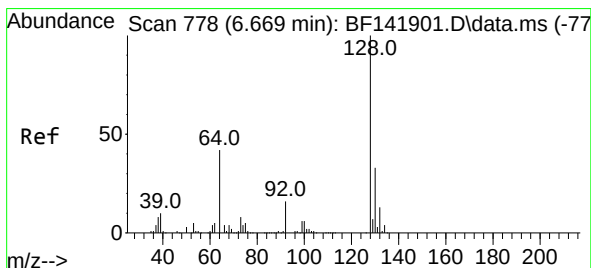
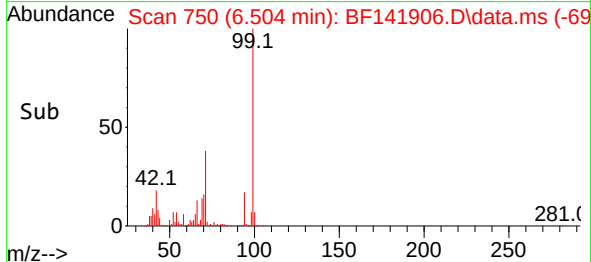
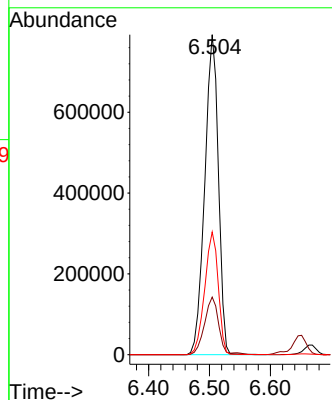
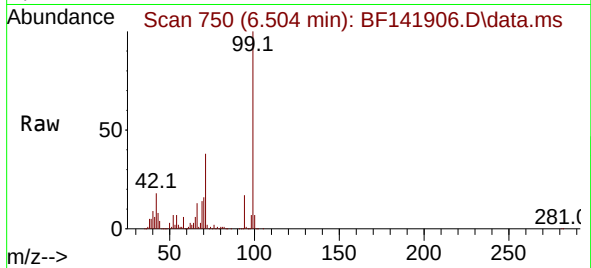




#7  
Phenol-d6  
Concen: 76.962 ng  
RT: 6.504 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

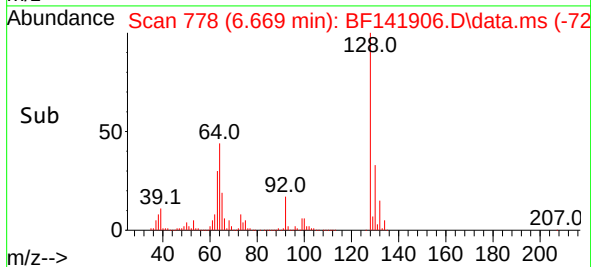
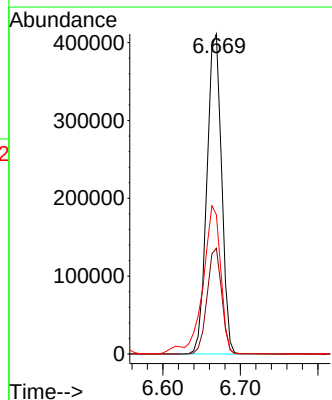
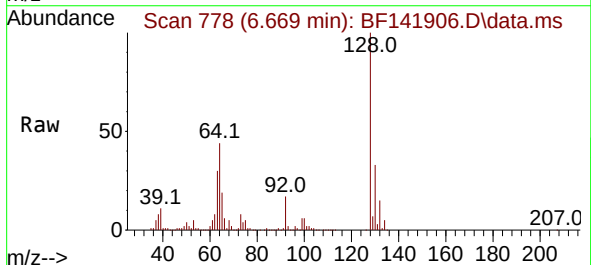
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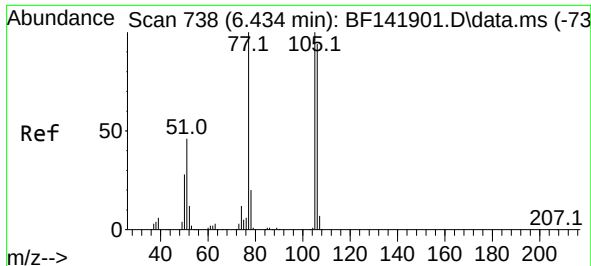
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Ion Ratio Lower Upper  
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42 18.0 14.6 21.8  
71 38.3 30.8 46.2



#8  
2-Chlorophenol  
Concen: 38.721 ng  
RT: 6.669 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:128 Resp: 539701  
Ion Ratio Lower Upper  
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130 33.0 12.8 52.8  
64 43.6 24.4 64.4

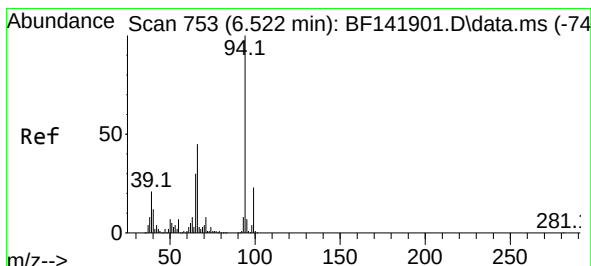
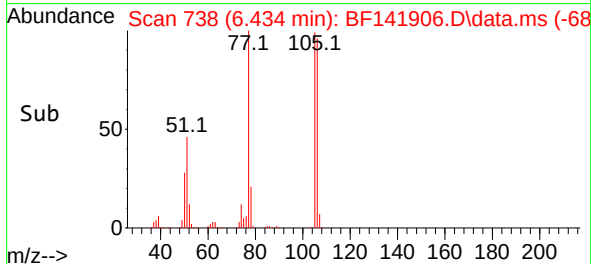
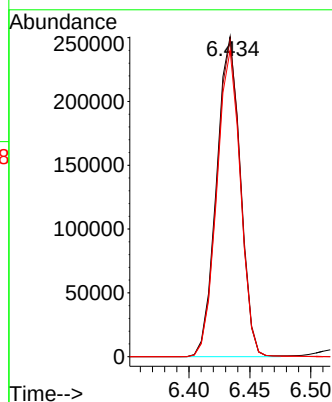
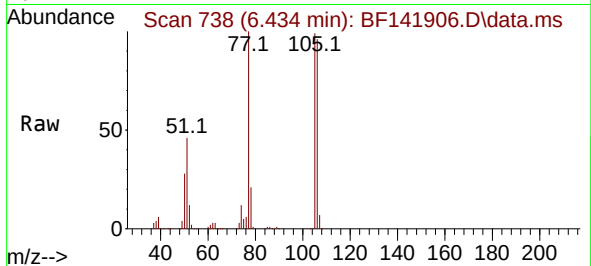




#9  
Benzaldehyde  
Concen: 37.950 ng  
RT: 6.434 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

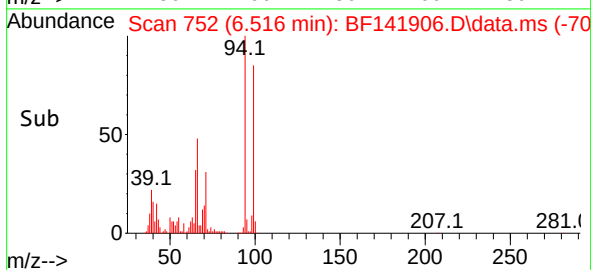
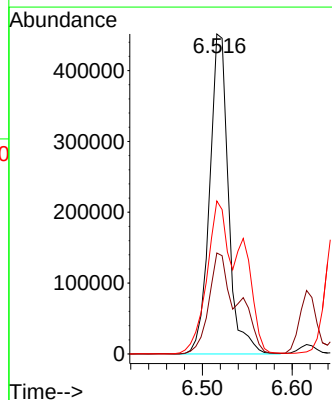
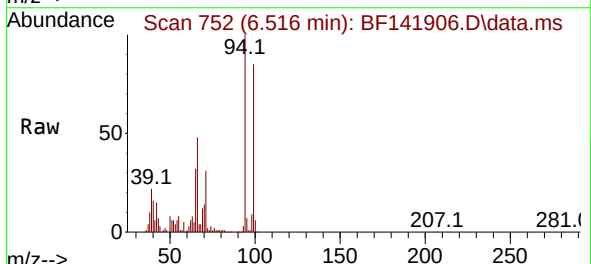
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion: 77 Resp: 339615  
Ion Ratio Lower Upper  
77 100  
105 99.2 80.0 120.0  
106 95.7 74.5 114.5

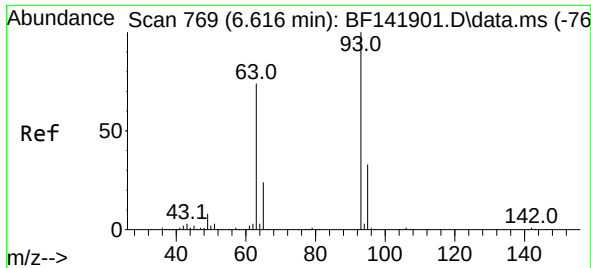


#10  
Phenol  
Concen: 39.115 ng  
RT: 6.516 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion: 94 Resp: 658449  
Ion Ratio Lower Upper  
94 100  
65 31.6 10.5 50.5  
66 47.8 25.8 65.8



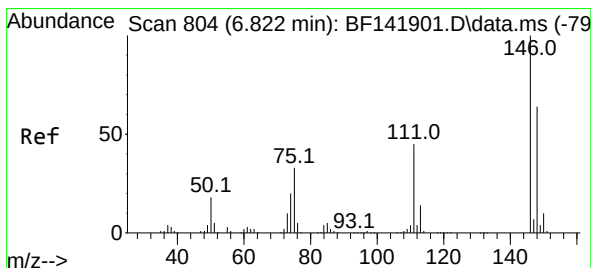
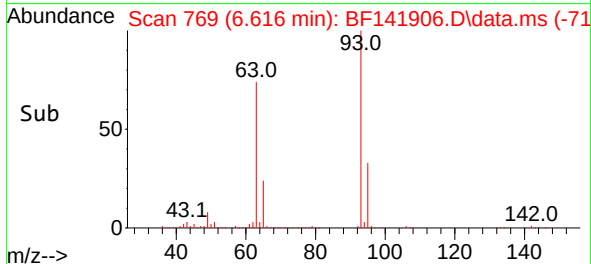
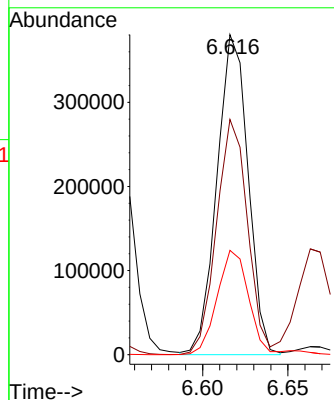
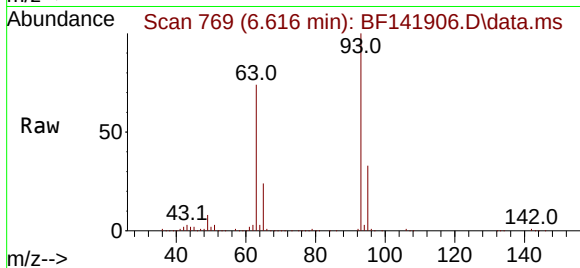




#11  
bis(2-Chloroethyl)ether  
Concen: 38.246 ng  
RT: 6.616 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

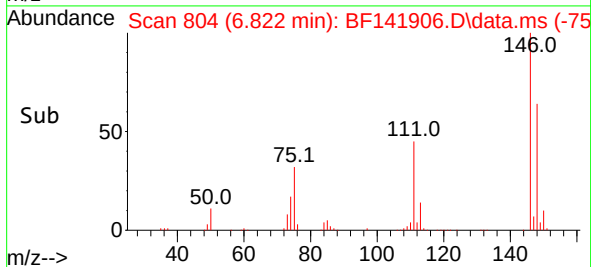
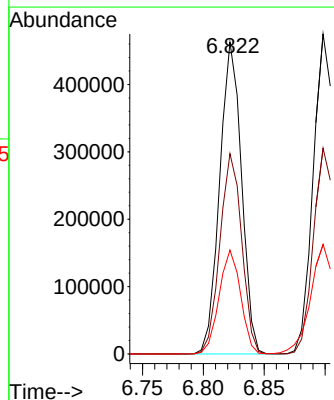
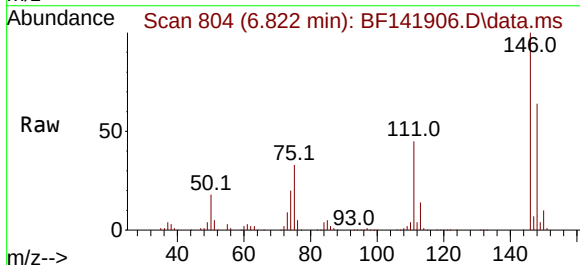
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

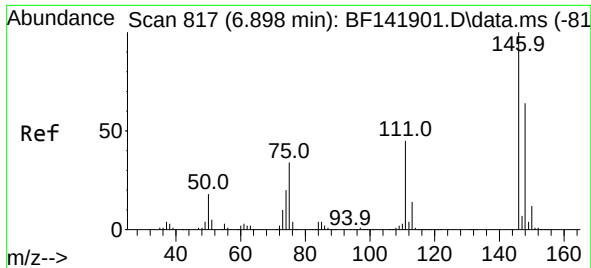
Tgt Ion: 93 Resp: 483438  
Ion Ratio Lower Upper  
93 100  
63 73.5 53.0 93.0  
95 32.6 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 38.391 ng  
RT: 6.822 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:146 Resp: 577700  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.3 76.9  
75 33.3 26.6 40.0

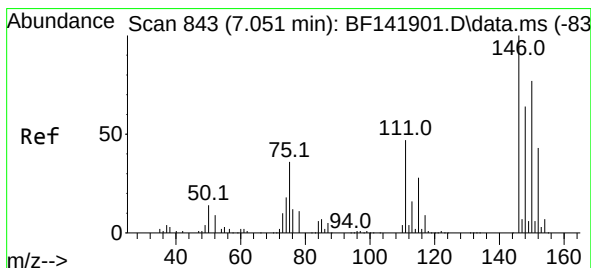
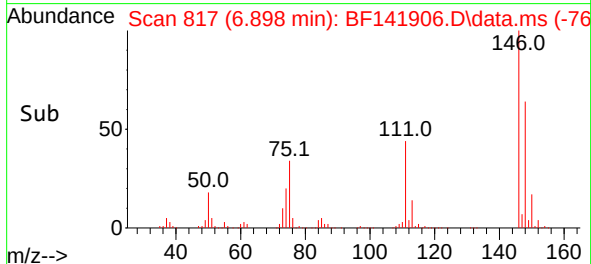
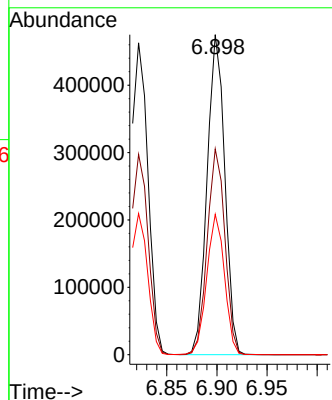
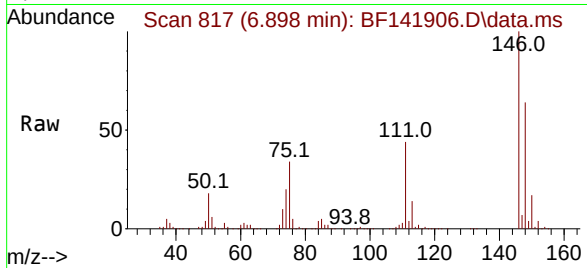




#13  
1,4-Dichlorobenzene  
Concen: 38.366 ng  
RT: 6.898 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

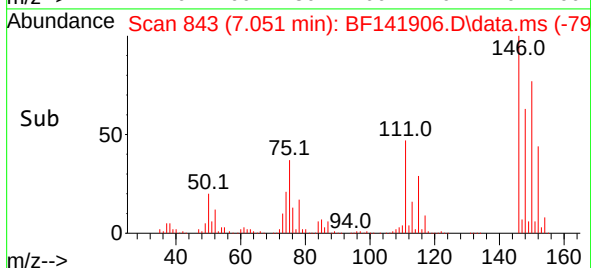
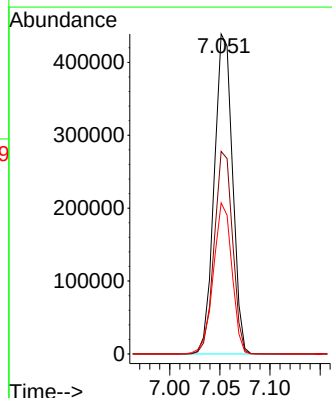
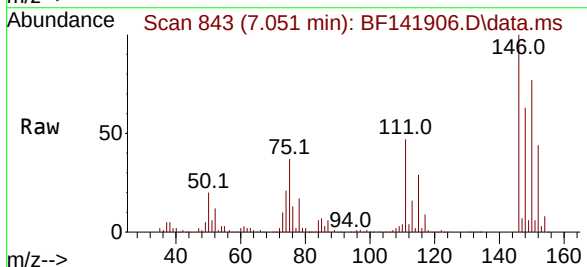
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

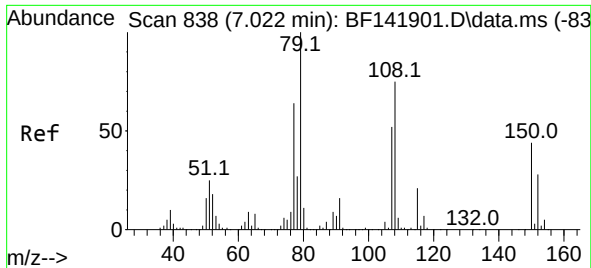
Tgt Ion:146 Resp: 584132  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.0 76.6  
111 43.8 35.7 53.5



#14  
1,2-Dichlorobenzene  
Concen: 38.744 ng  
RT: 7.051 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:146 Resp: 555621  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.8 76.2  
111 47.2 38.0 57.0

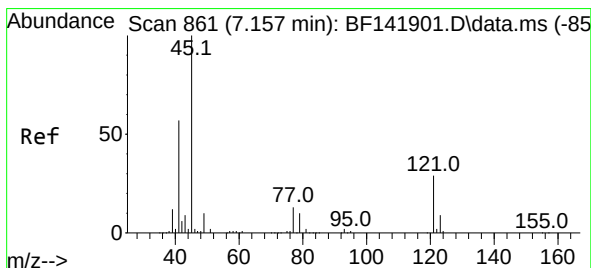
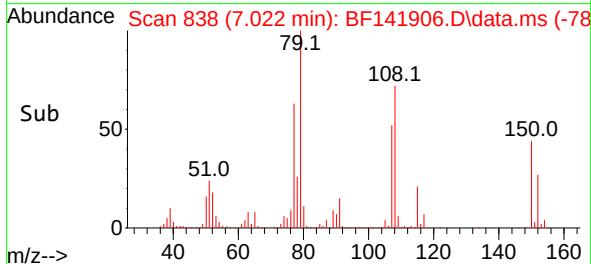
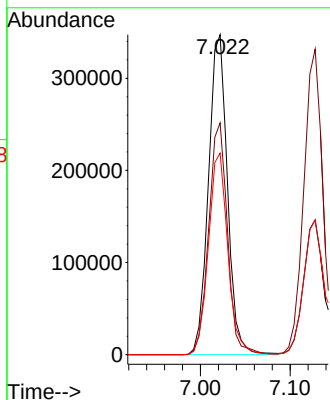
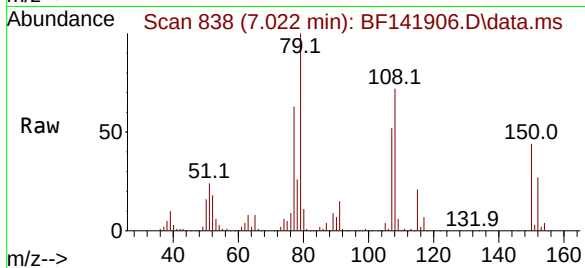




#15  
Benzyl Alcohol  
Concen: 39.408 ng  
RT: 7.022 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

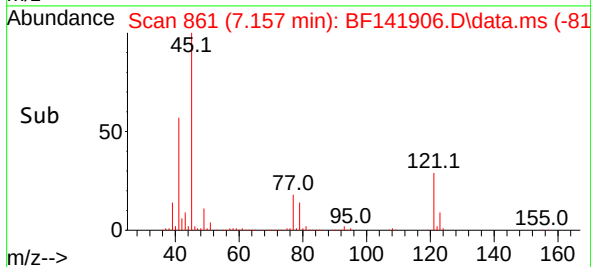
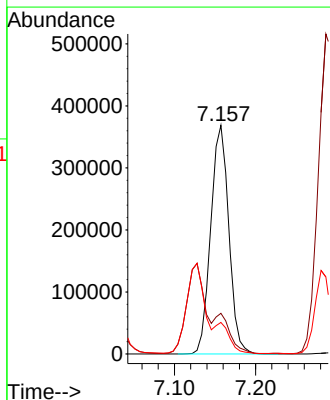
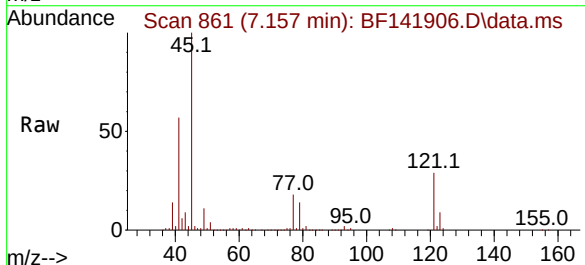
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

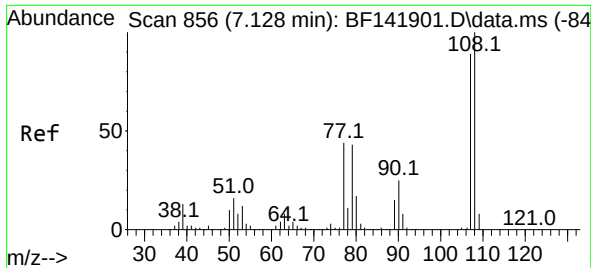
Tgt Ion: 79 Resp: 509792  
Ion Ratio Lower Upper  
79 100  
108 72.4 59.7 89.5  
77 63.0 51.0 76.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.338 ng  
RT: 7.157 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion: 45 Resp: 569783  
Ion Ratio Lower Upper  
45 100  
77 17.8 0.0 37.8  
79 13.8 0.0 34.2



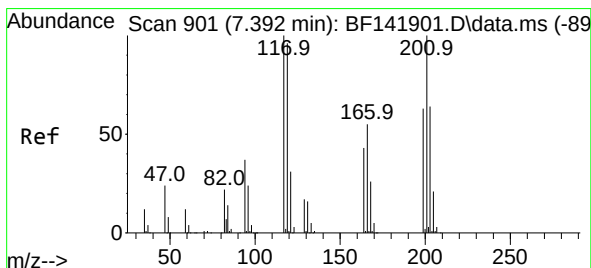
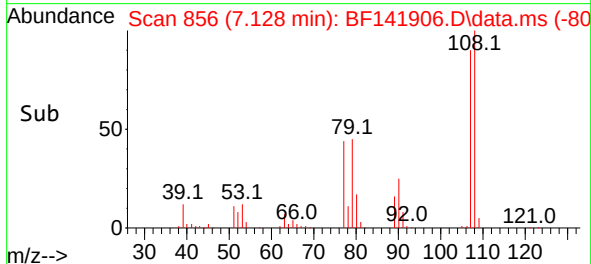
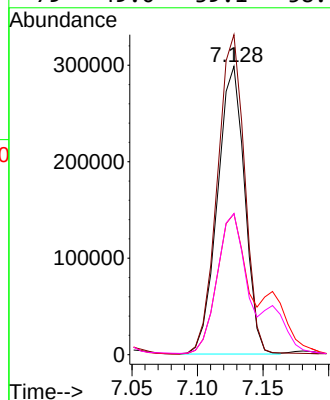
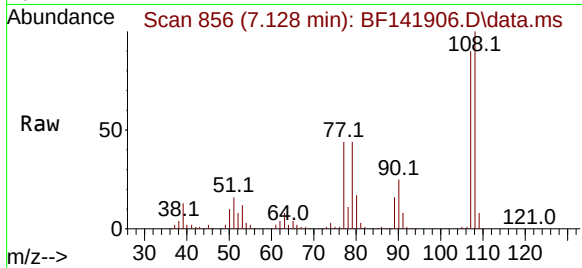


#17  
2-Methylphenol  
Concen: 38.775 ng  
RT: 7.128 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion:107 Resp: 429715

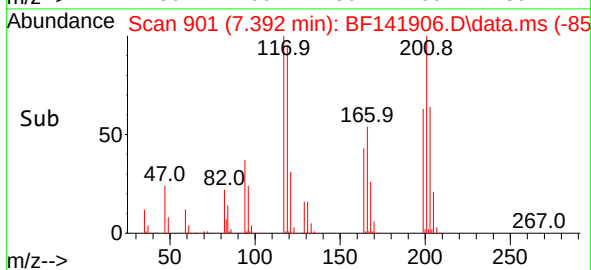
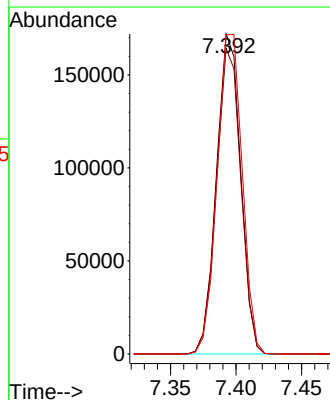
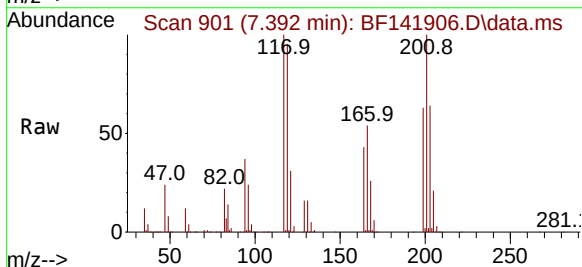
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 111.0 | 90.2  | 135.2 |
| 77  | 48.9  | 39.6  | 59.4  |
| 79  | 49.0  | 39.1  | 58.7  |

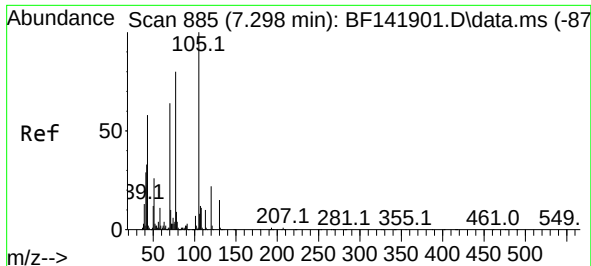


#18  
Hexachloroethane  
Concen: 38.797 ng  
RT: 7.392 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:117 Resp: 221507

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.5  | 76.9  | 115.3 |
| 201 | 99.7  | 79.9  | 119.9 |



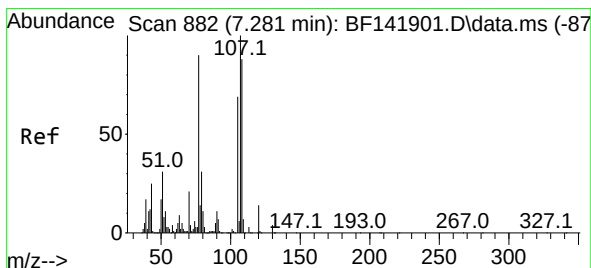
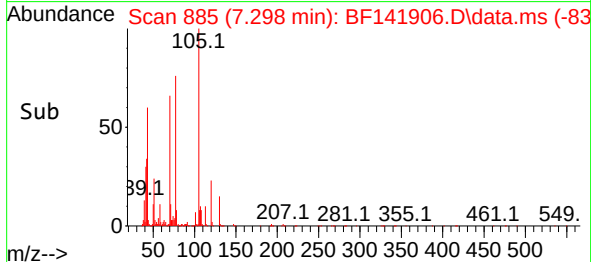
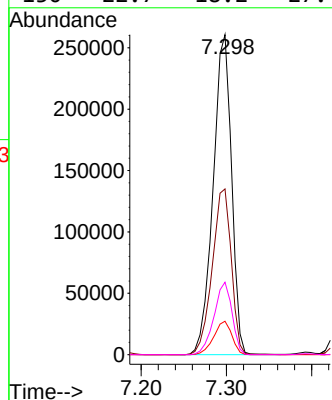
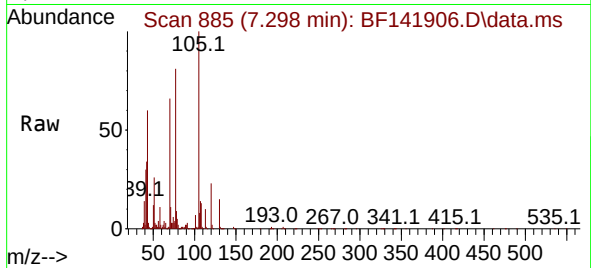


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.038 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion: 70 Resp: 391096

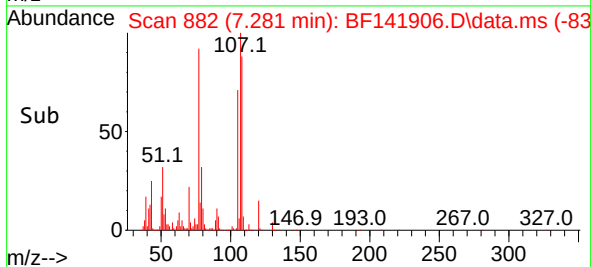
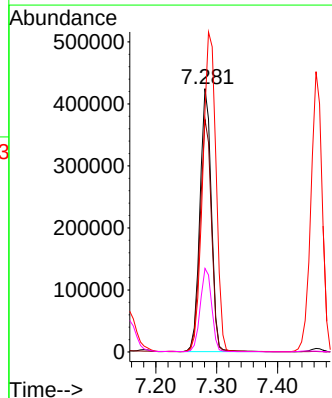
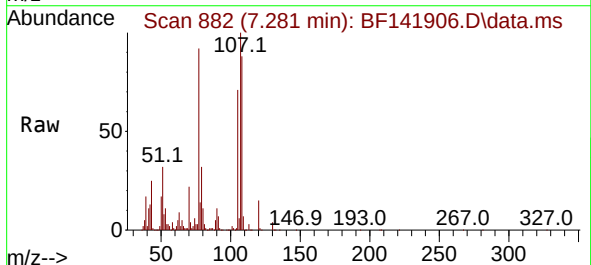
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 51.8  | 41.4  | 62.0  |
| 101 | 10.5  | 8.2   | 12.2  |
| 130 | 22.7  | 18.2  | 27.4  |

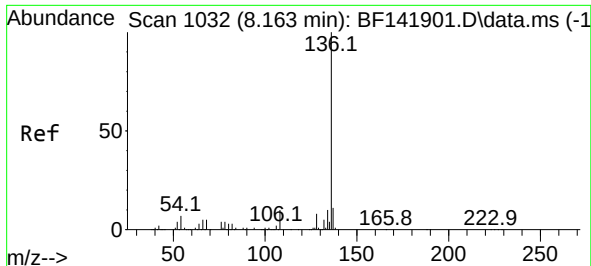


#20  
3+4-Methylphenols  
Concen: 38.619 ng  
RT: 7.281 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion: 107 Resp: 548208

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.3  | 68.4  | 108.4 |
| 77  | 91.7  | 69.7  | 109.7 |
| 79  | 31.7  | 11.4  | 51.4  |

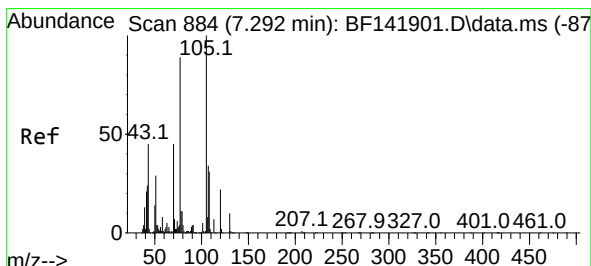
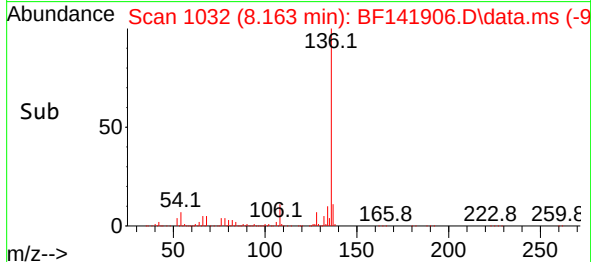
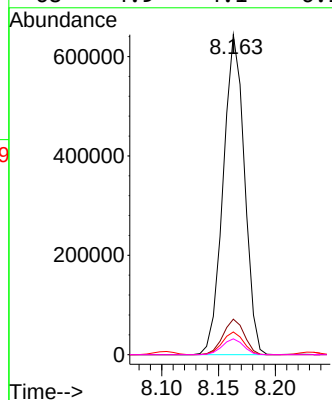
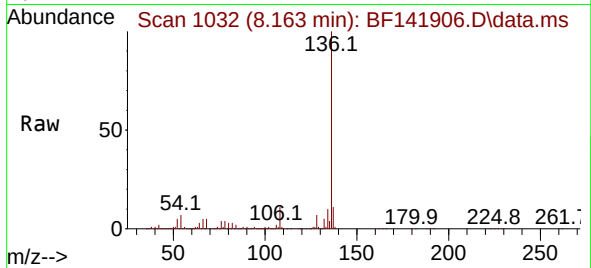




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

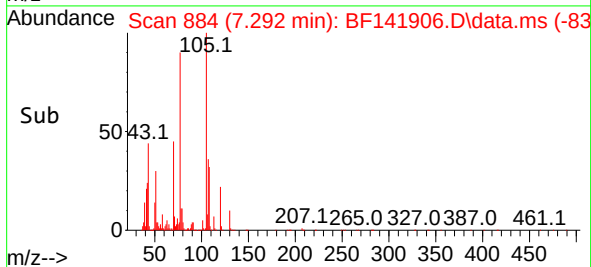
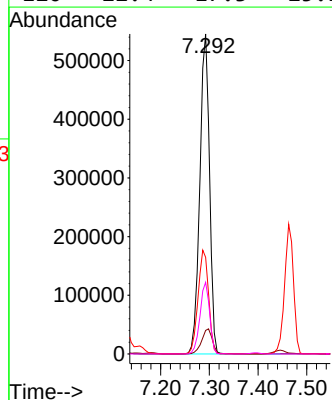
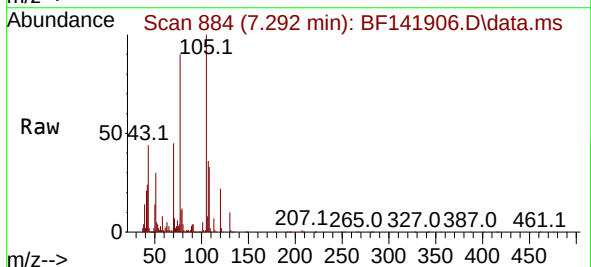
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

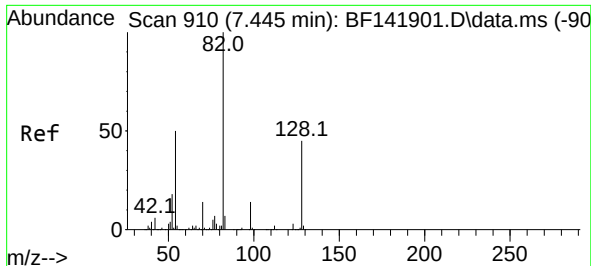
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 840616 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.1    | 8.8 13.2     |
| 54 7.1      | 5.8 8.8      |
| 68 4.9      | 4.1 6.1      |



#22  
Acetophenone  
Concen: 37.650 ng  
RT: 7.292 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 757917 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.4     | 5.8   | 8.8    |
| 51  | 30.2    | 23.4  | 35.0   |
| 120 | 22.4    | 17.3  | 25.9   |





#23

Nitrobenzene-d5

Concen: 78.962 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

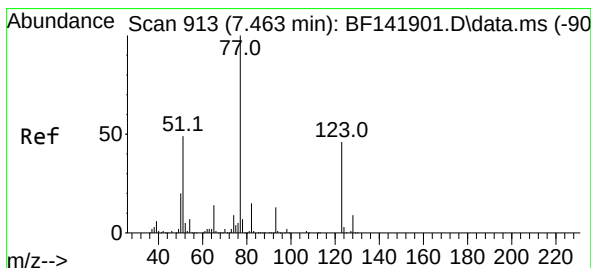
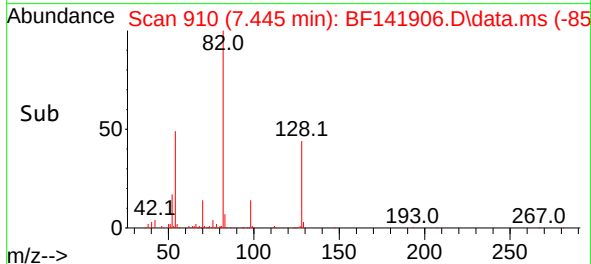
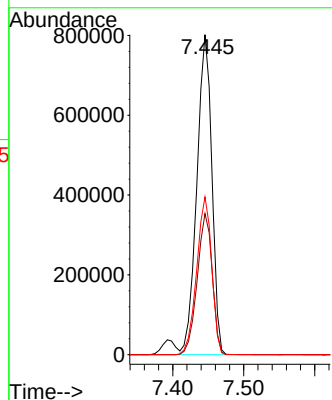
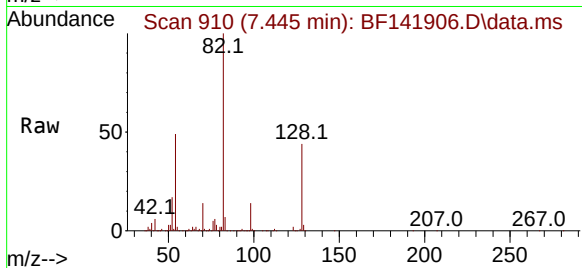
BNA\_F

ClientSampleId :

ICVBF031025

Tgt Ion: 82 Resp: 1179480

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.1  | 36.0  | 54.0  |
| 54  | 49.3  | 39.6  | 59.4  |



#24

Nitrobenzene

Concen: 38.980 ng

RT: 7.463 min Scan# 913

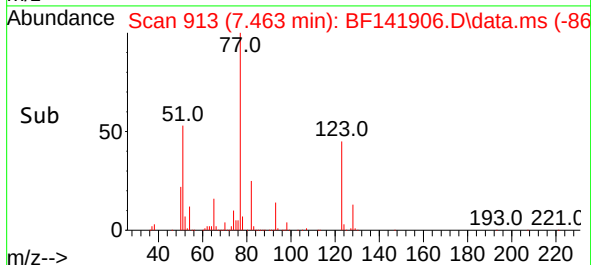
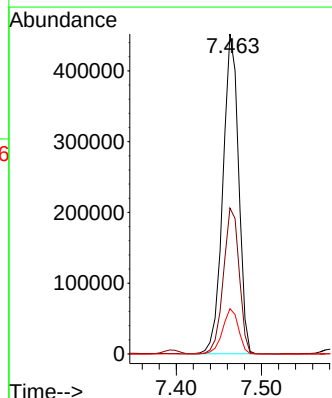
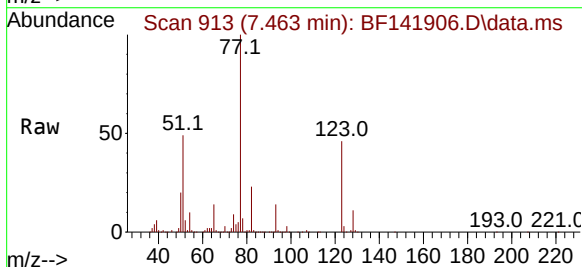
Delta R.T. 0.000 min

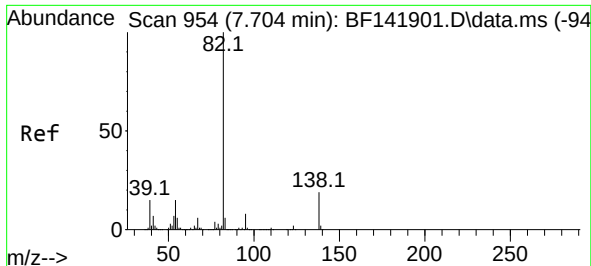
Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion: 77 Resp: 578836

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.6  | 37.0  | 55.4  |
| 65  | 14.2  | 11.3  | 16.9  |

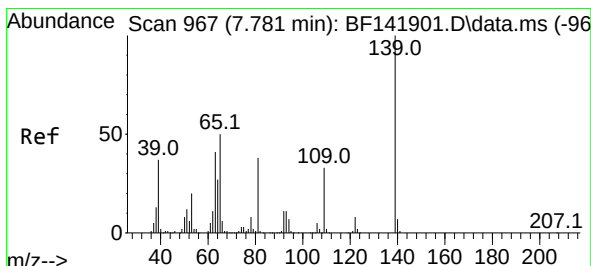
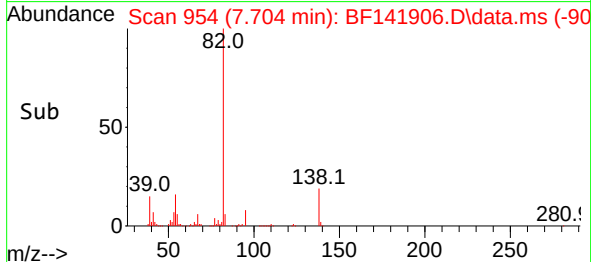
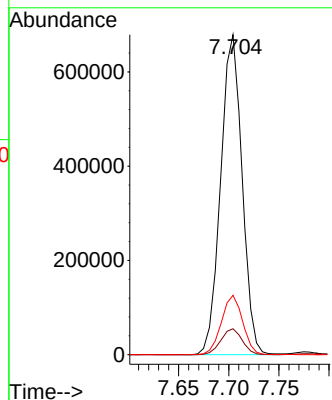
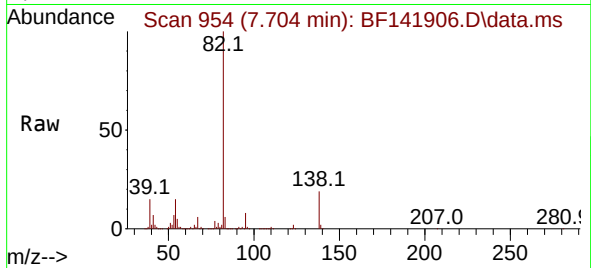




#25  
Isophorone  
Concen: 38.163 ng  
RT: 7.704 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

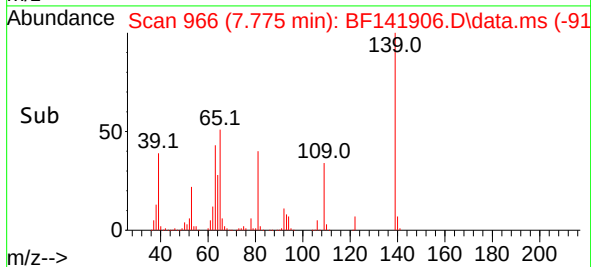
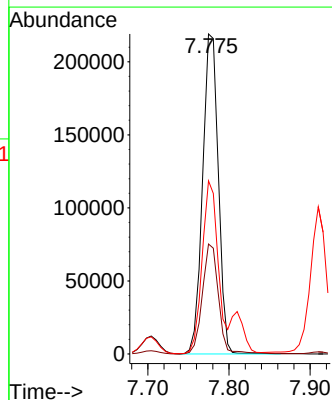
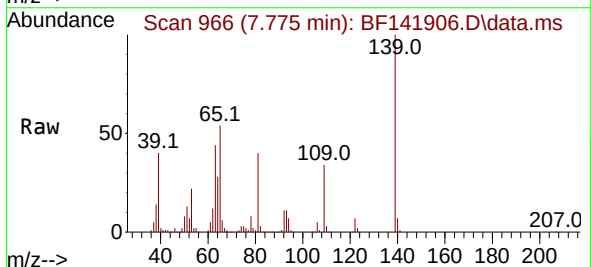
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion: 82 Resp: 1007659  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.4 9.6  
138 18.6 14.9 22.3

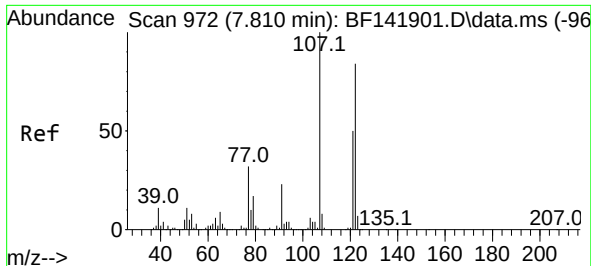


#26  
2-Nitrophenol  
Concen: 40.429 ng  
RT: 7.775 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:139 Resp: 294657  
Ion Ratio Lower Upper  
139 100  
109 34.3 26.5 39.7  
65 54.1 40.3 60.5



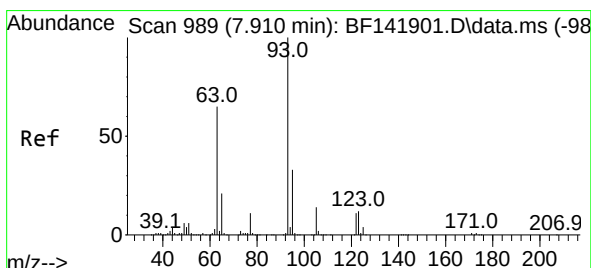
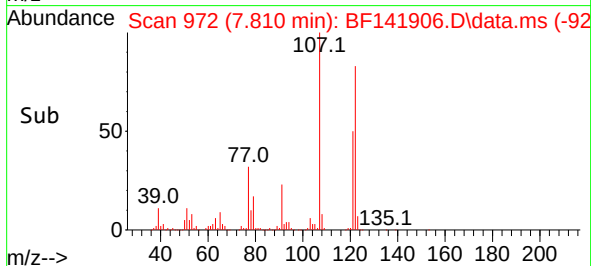
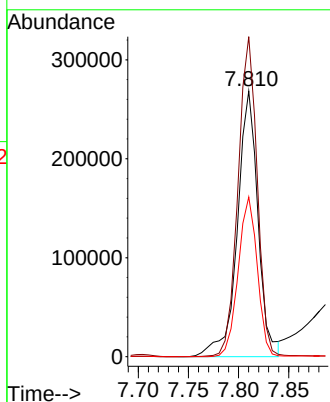
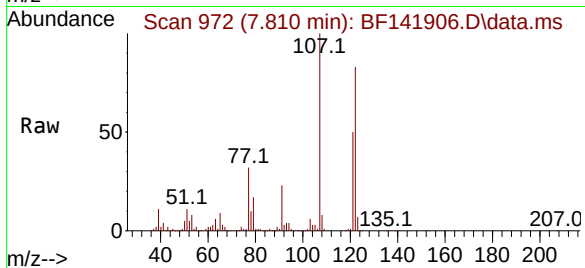




#27  
2,4-Dimethylphenol  
Concen: 38.414 ng  
RT: 7.810 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

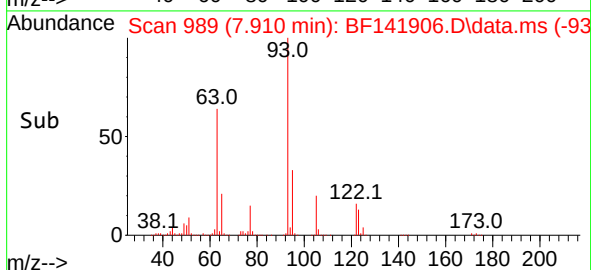
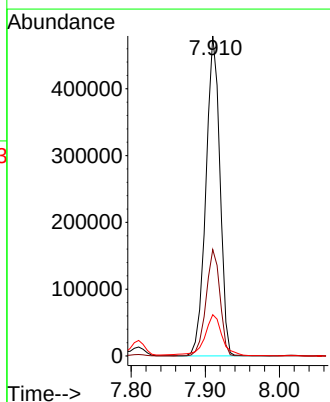
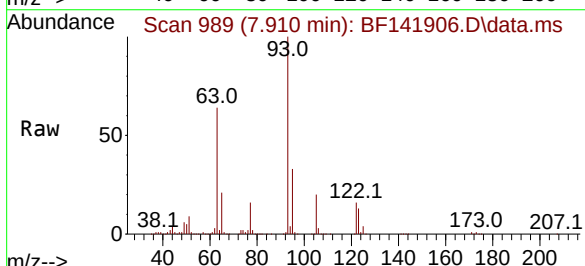
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

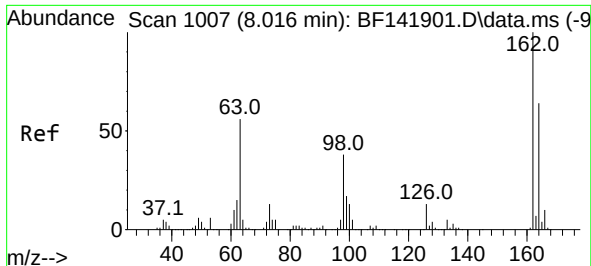
Tgt Ion:122 Resp: 385504  
Ion Ratio Lower Upper  
122 100  
107 120.5 94.8 142.2  
121 60.1 47.8 71.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.943 ng  
RT: 7.910 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion: 93 Resp: 628379  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.6 40.0  
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.952 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

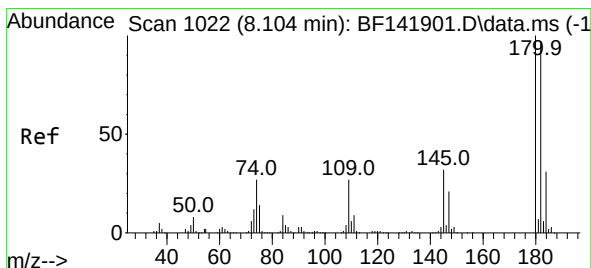
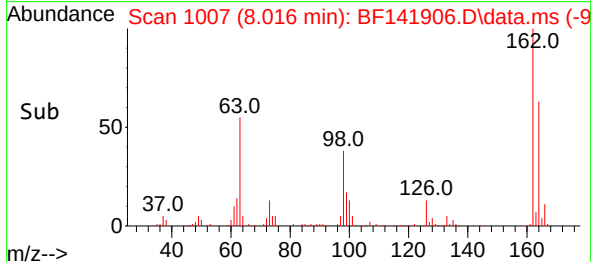
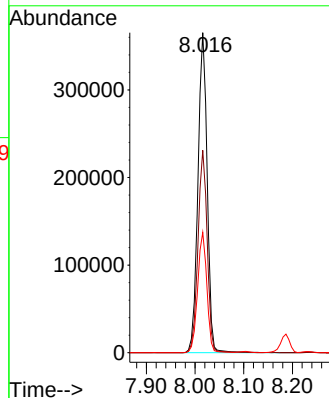
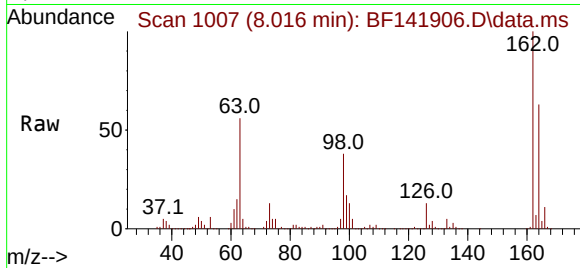
Tgt Ion:162 Resp: 485205

Ion Ratio Lower Upper

162 100

164 63.3 43.8 83.8

98 37.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.336 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

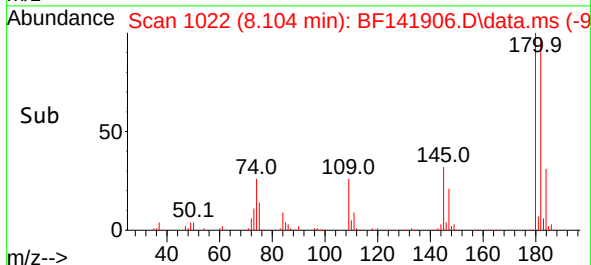
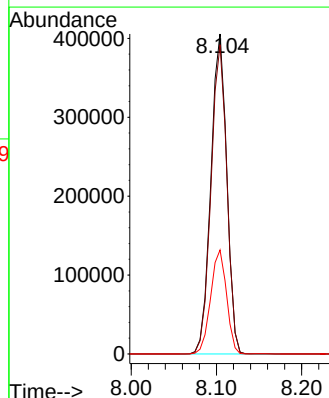
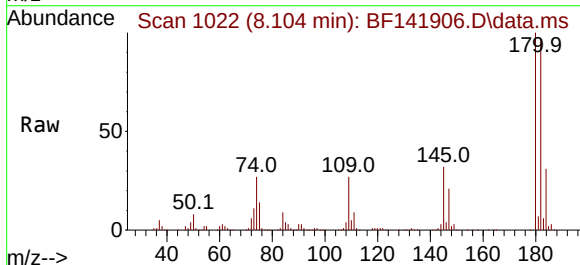
Tgt Ion:180 Resp: 526250

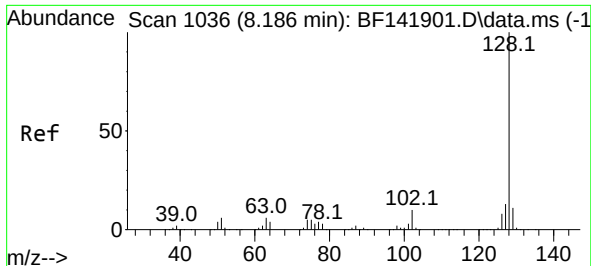
Ion Ratio Lower Upper

180 100

182 96.7 77.5 116.3

145 32.5 25.8 38.6

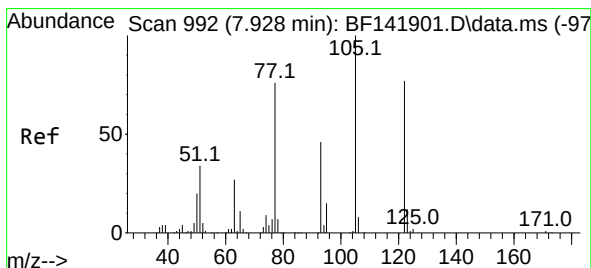
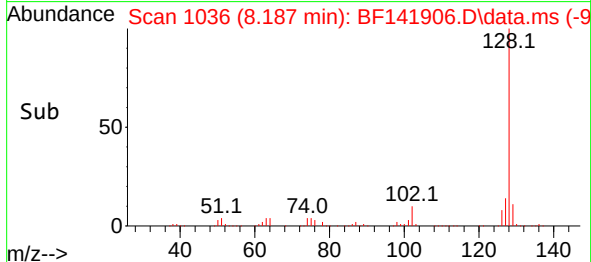
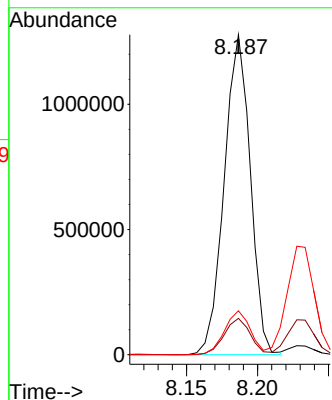
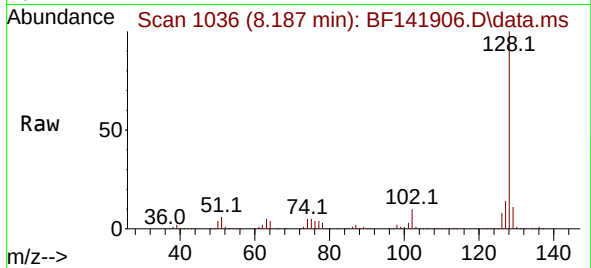




#31  
Naphthalene  
Concen: 37.827 ng  
RT: 8.187 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

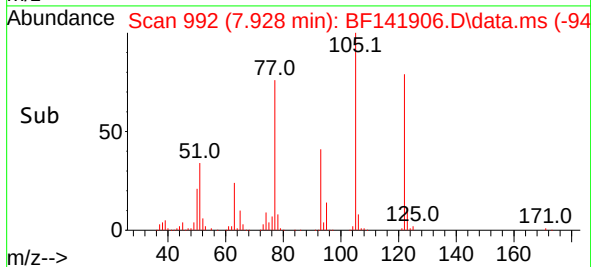
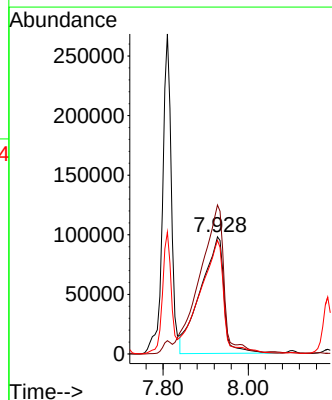
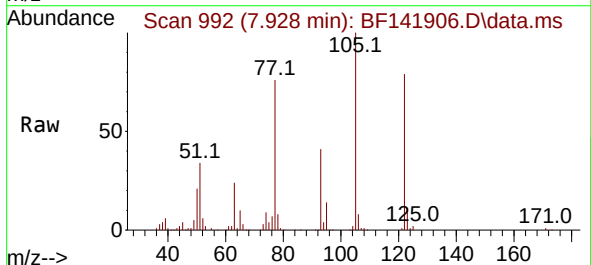
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

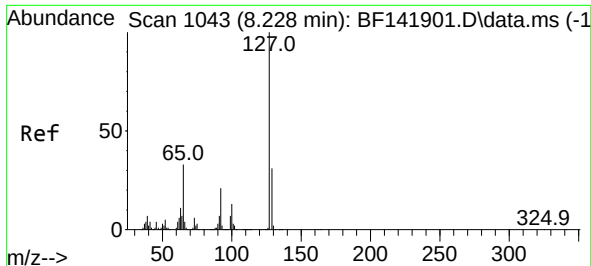
Tgt Ion:128 Resp: 1633401  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 13.7 10.8 16.2



#32  
Benzoic acid  
Concen: 42.303 ng  
RT: 7.928 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:122 Resp: 373179  
Ion Ratio Lower Upper  
122 100  
105 127.1 107.9 147.9  
77 97.0 79.0 119.0

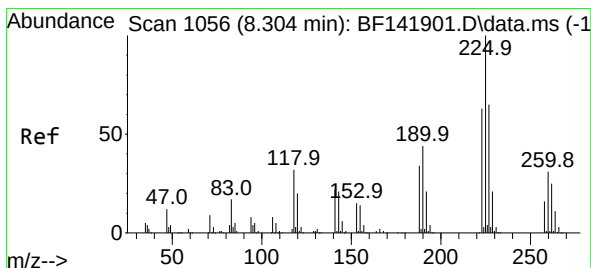
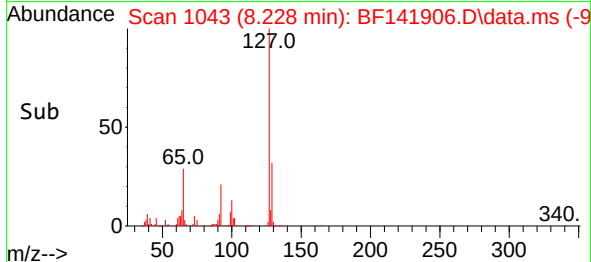
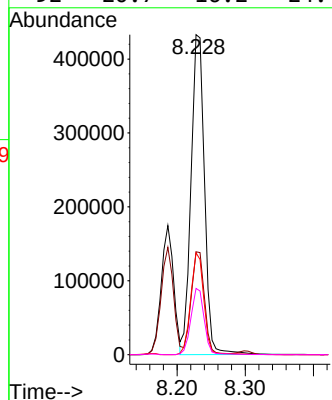
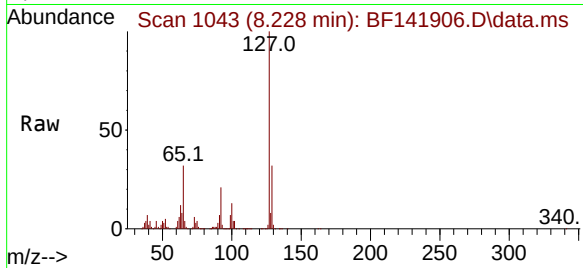




#33  
4-Chloroaniline  
Concen: 38.847 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

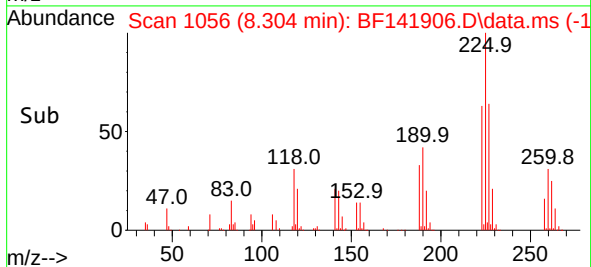
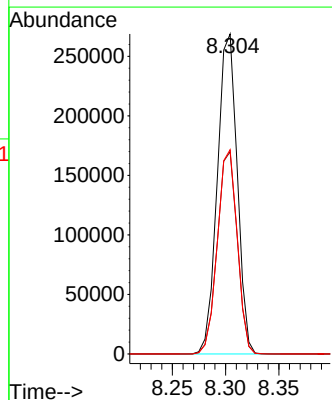
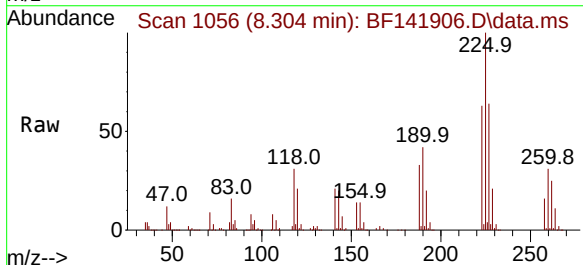
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

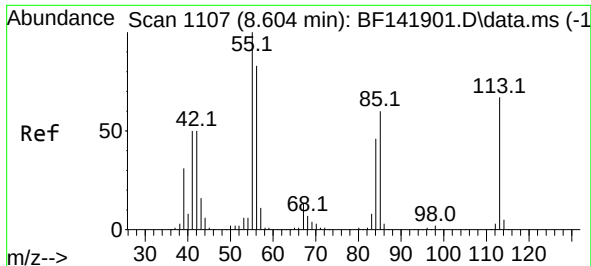
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 592172 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.2  | 39.4   |
| 65       | 31.9  | 25.4  | 38.2   |
| 92       | 20.7  | 16.2  | 24.4   |



#34  
Hexachlorobutadiene  
Concen: 38.849 ng  
RT: 8.304 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 347789 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 50.6  | 75.8   |
| 227      | 63.8  | 52.2  | 78.2   |

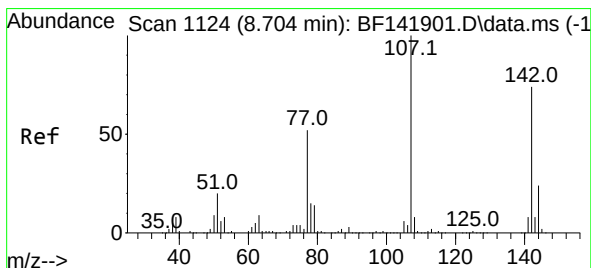
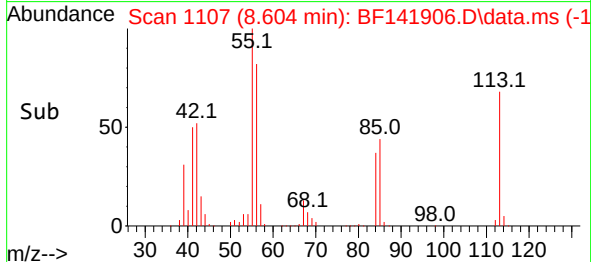
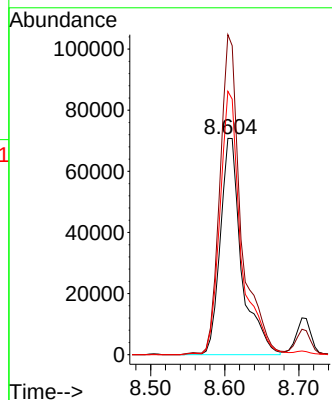
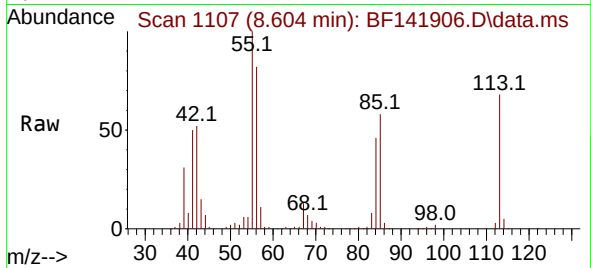




#35  
 Caprolactam  
 Concen: 37.276 ng  
 RT: 8.604 min Scan# 1107  
 Delta R.T. 0.000 min  
 Lab File: BF141906.D  
 Acq: 10 Mar 2025 15:53

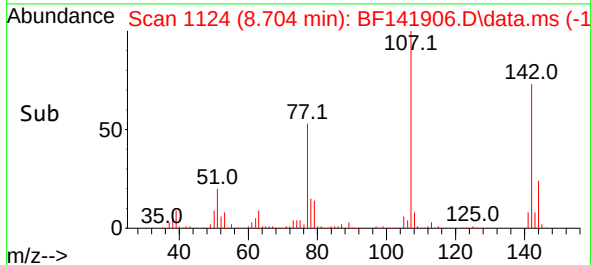
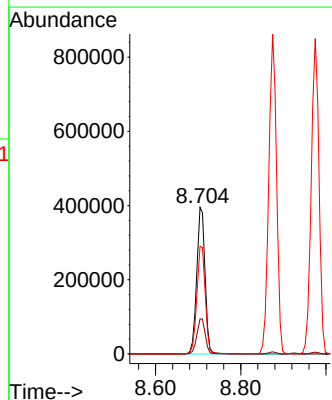
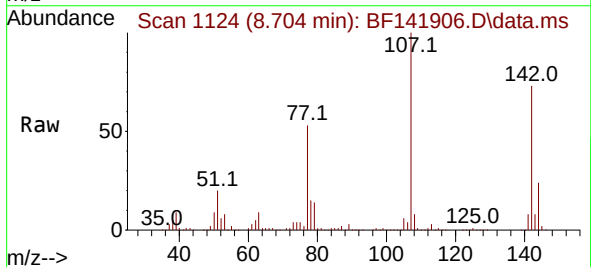
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF031025

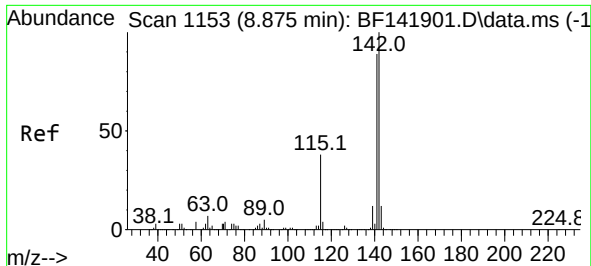
Tgt Ion:113 Resp: 141562  
 Ion Ratio Lower Upper  
 113 100  
 55 148.0 129.6 169.6  
 56 121.8 104.0 144.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.550 ng  
 RT: 8.704 min Scan# 1124  
 Delta R.T. 0.000 min  
 Lab File: BF141906.D  
 Acq: 10 Mar 2025 15:53

Tgt Ion:107 Resp: 535661  
 Ion Ratio Lower Upper  
 107 100  
 144 23.9 19.0 28.6  
 142 73.3 59.2 88.8





#37

2-Methylnaphthalene

Concen: 37.935 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

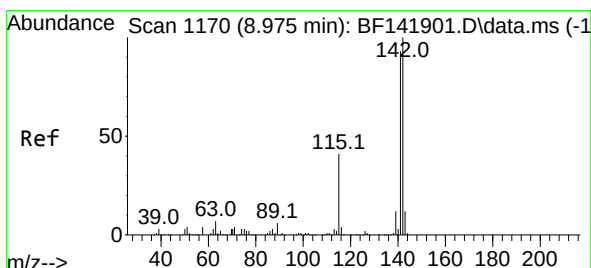
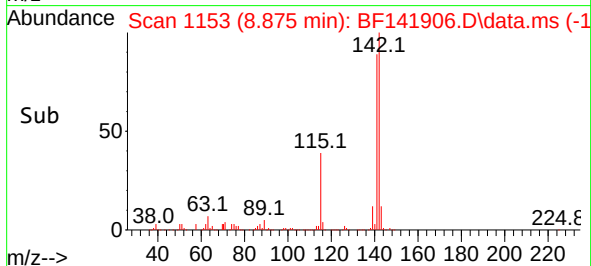
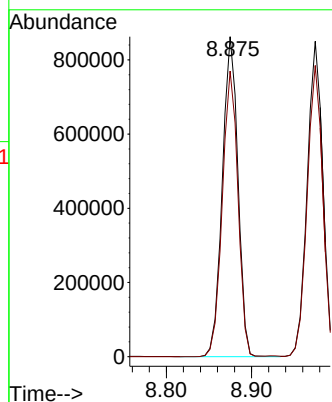
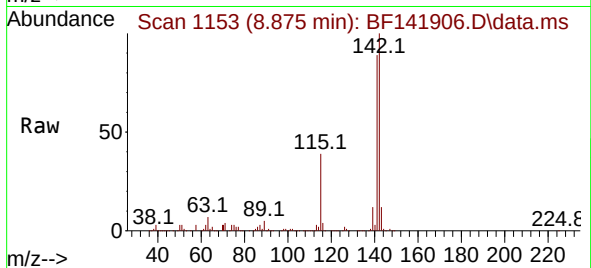
ICVBF031025

Tgt Ion:142 Resp: 1094895

Ion Ratio Lower Upper

142 100

141 89.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.484 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141906.D

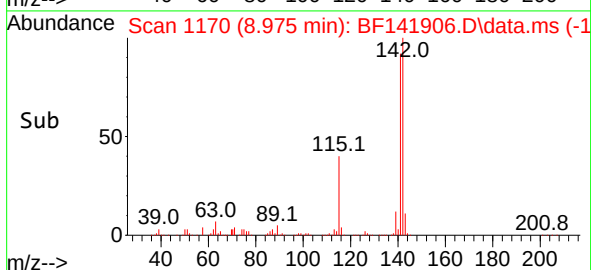
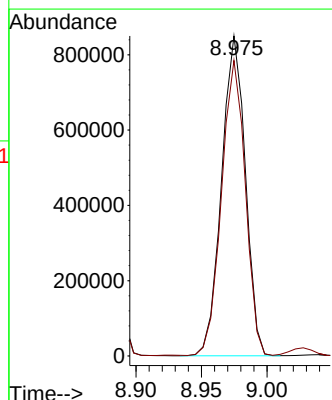
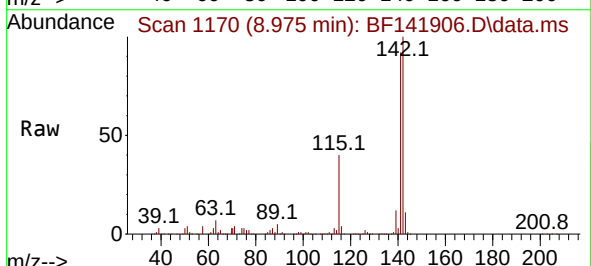
Acq: 10 Mar 2025 15:53

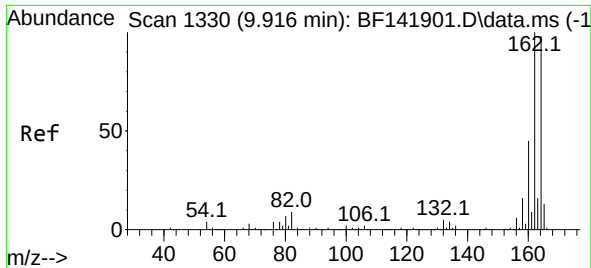
Tgt Ion:142 Resp: 1071850

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.4

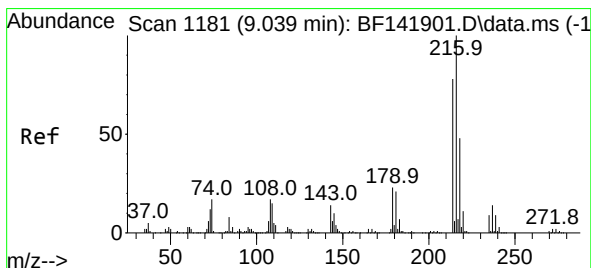
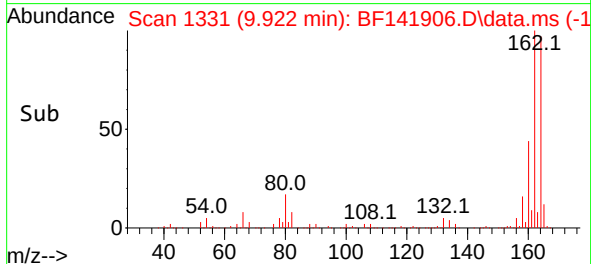
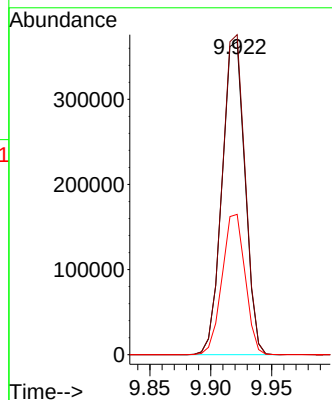
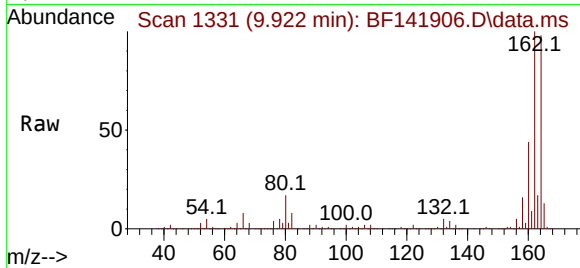




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1181  
Delta R.T. 0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

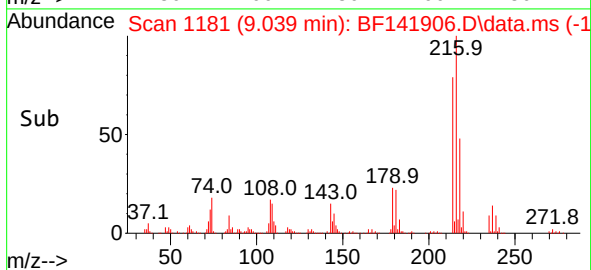
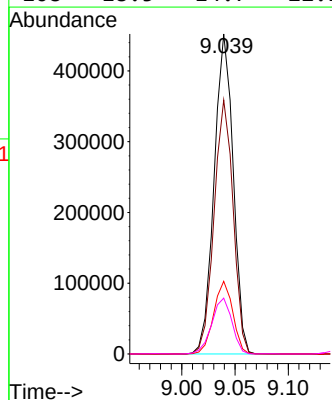
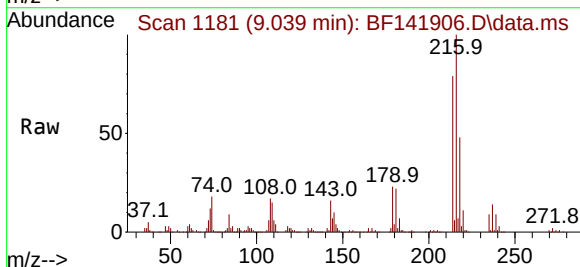
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

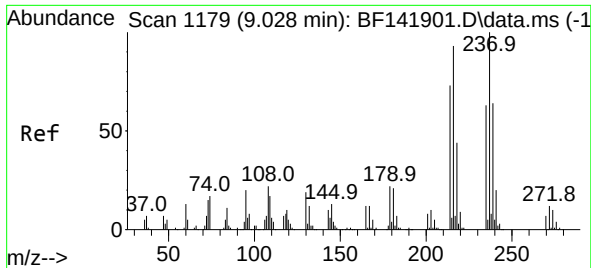
Tgt Ion:164 Resp: 483165  
Ion Ratio Lower Upper  
164 100  
162 102.2 81.8 122.6  
160 44.8 36.7 55.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.191 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:216 Resp: 561804  
Ion Ratio Lower Upper  
216 100  
214 79.2 61.9 92.9  
179 22.7 18.1 27.1  
108 18.5 14.7 22.1

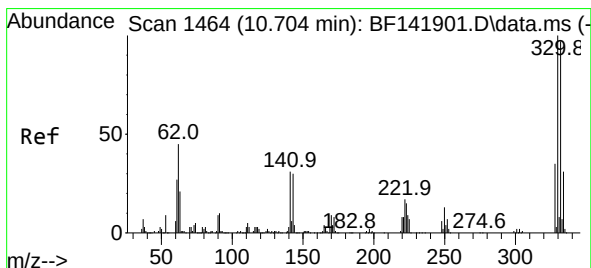
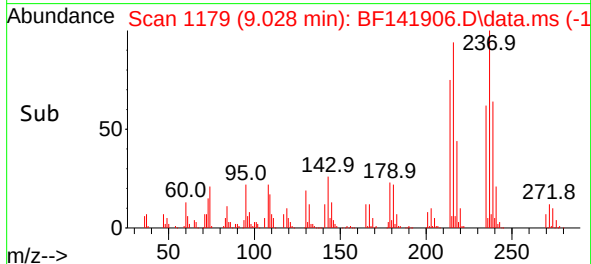
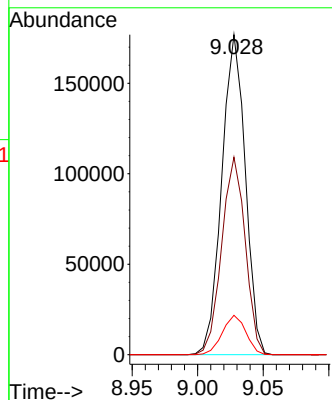
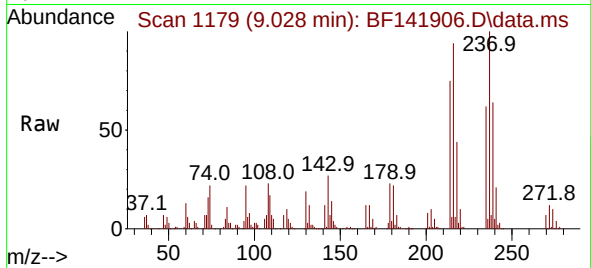




#41  
Hexachlorocyclopentadiene  
Concen: 38.281 ng  
RT: 9.028 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

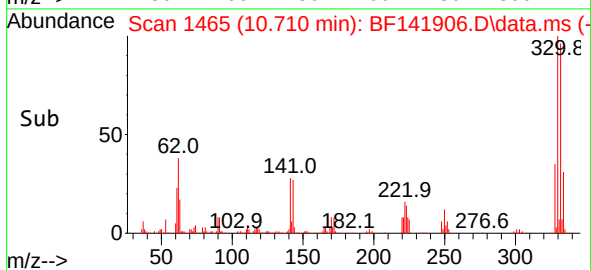
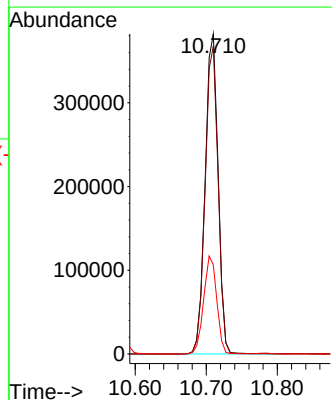
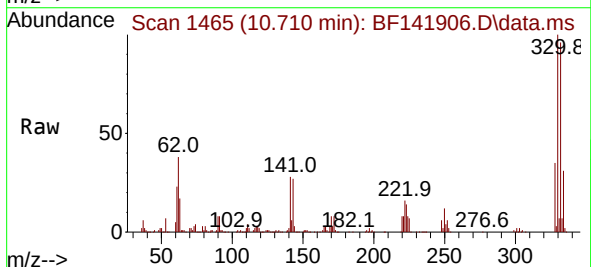
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion:237 Resp: 220386  
Ion Ratio Lower Upper  
237 100  
235 61.7 43.1 83.1  
272 12.3 0.0 32.0

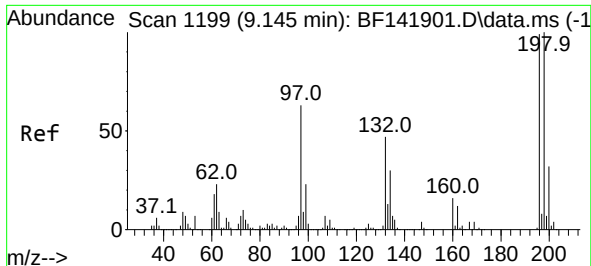


#42  
2,4,6-Tribromophenol  
Concen: 79.342 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:330 Resp: 486334  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.6 116.4  
141 30.9 24.7 37.1







#43

2,4,6-Trichlorophenol

Concen: 39.292 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

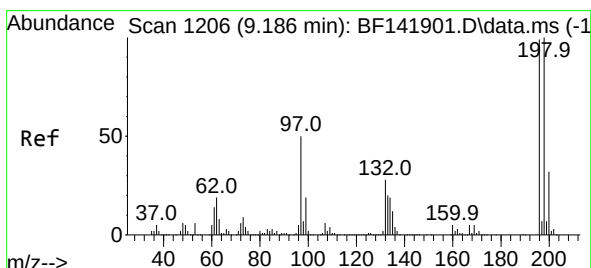
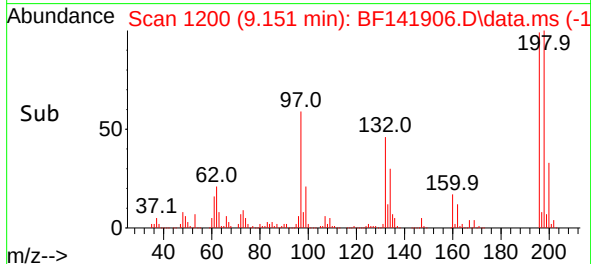
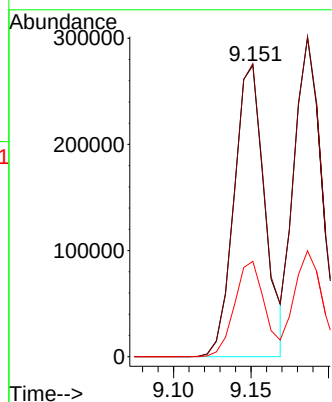
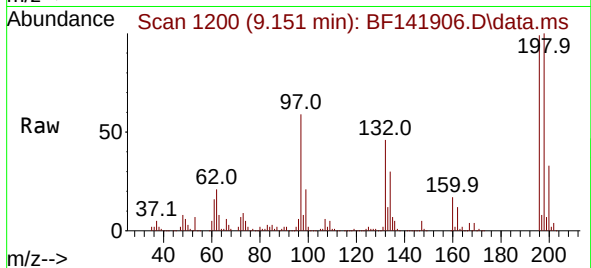
Tgt Ion:196 Resp: 377743

Ion Ratio Lower Upper

196 100

198 100.6 80.6 121.0

200 32.8 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.263 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion:196 Resp: 372564

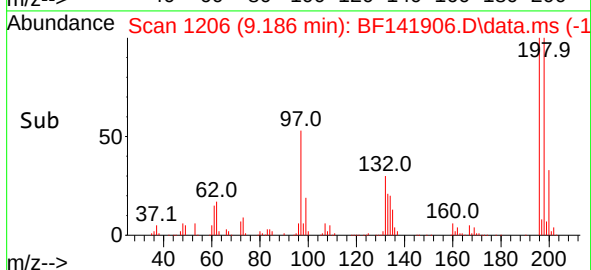
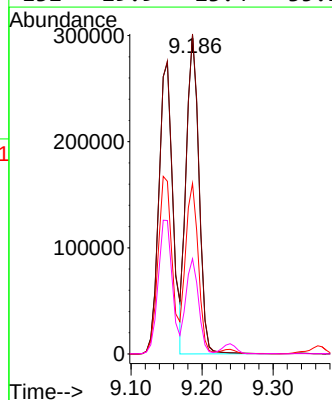
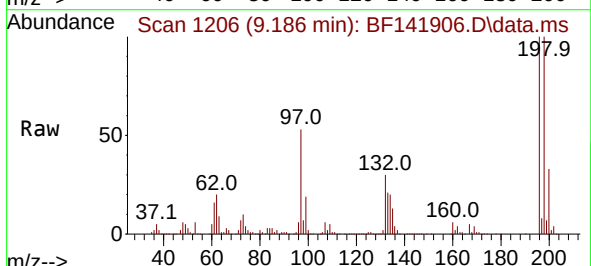
Ion Ratio Lower Upper

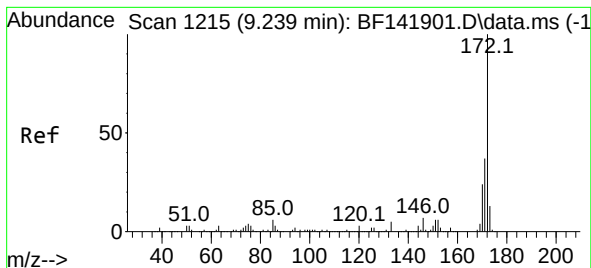
196 100

198 100.3 80.7 121.1

97 53.5 42.1 63.1

132 29.9 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 75.528 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

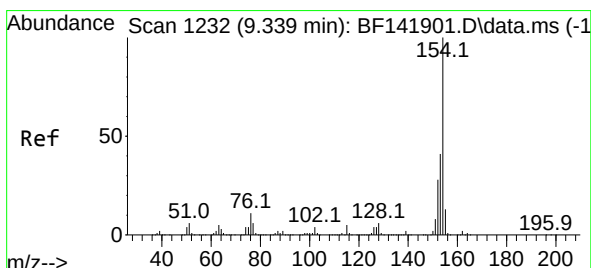
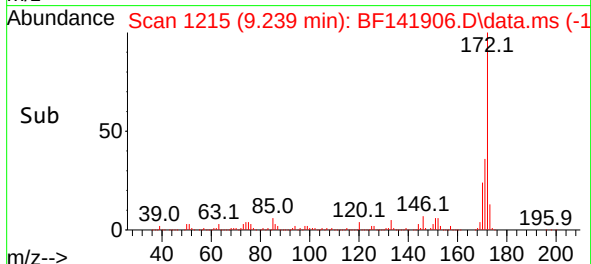
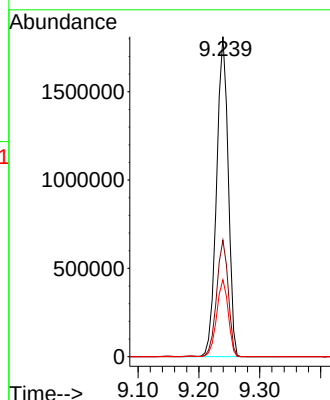
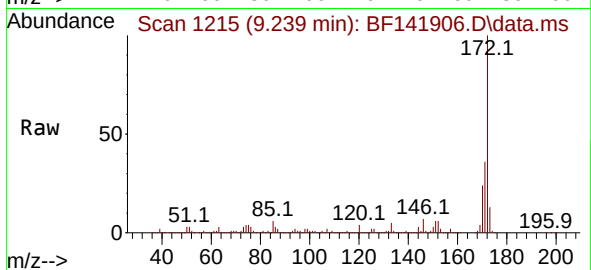
Tgt Ion:172 Resp: 2399526

Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.182 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

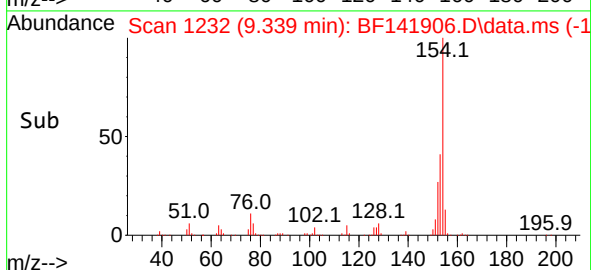
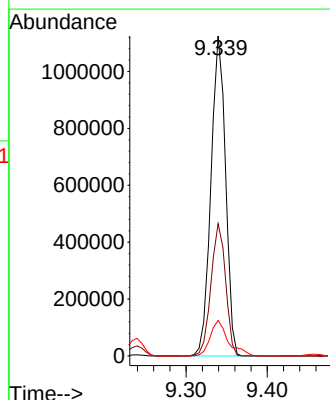
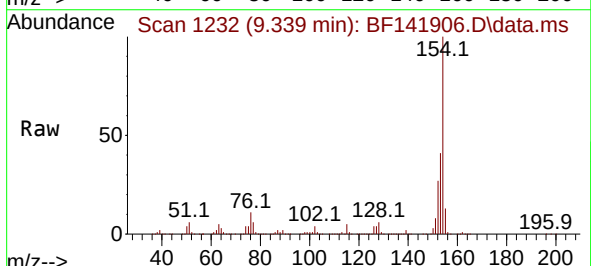
Tgt Ion:154 Resp: 1401736

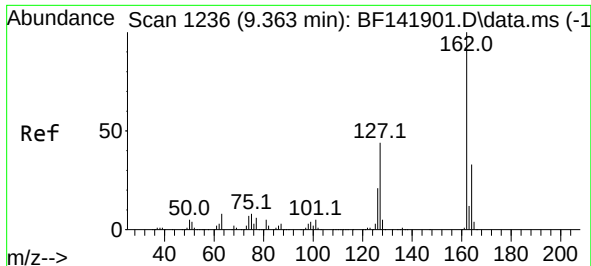
Ion Ratio Lower Upper

154 100

153 41.3 21.1 61.1

76 11.1 0.0 31.3

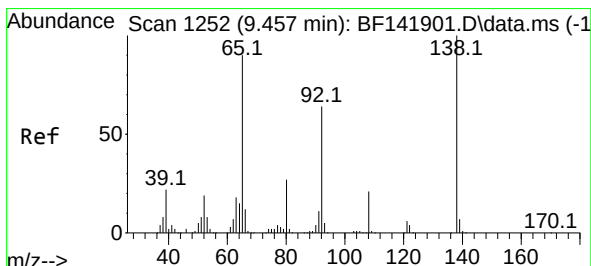
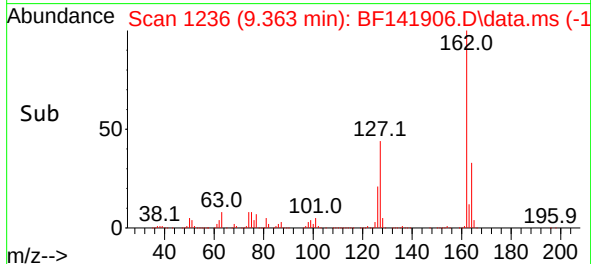
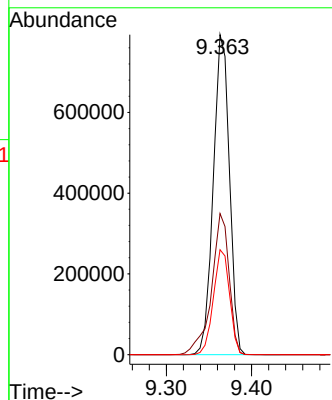
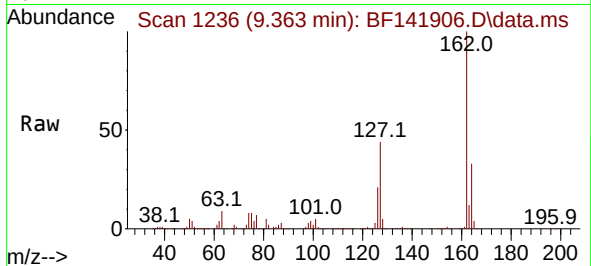




#47  
2-Chloronaphthalene  
Concen: 38.090 ng  
RT: 9.363 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

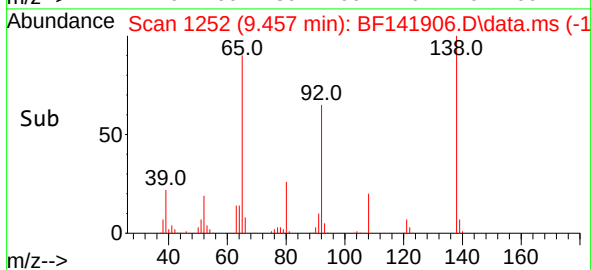
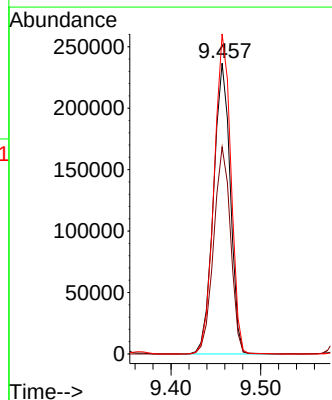
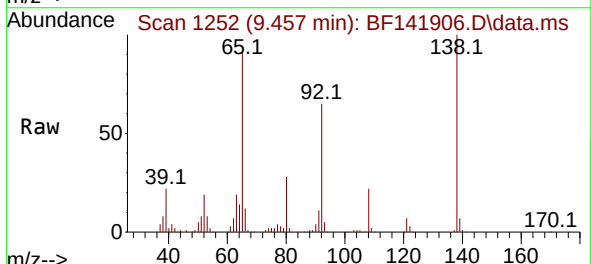
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

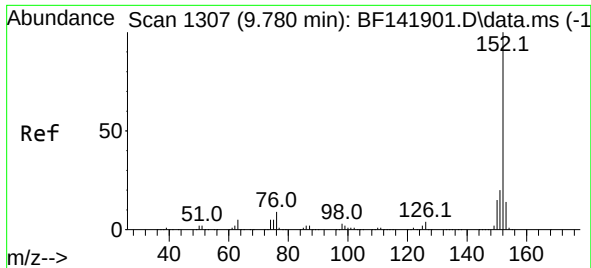
Tgt Ion:162 Resp: 1042241  
Ion Ratio Lower Upper  
162 100  
127 44.1 35.5 53.3  
164 32.8 26.6 40.0



#48  
2-Nitroaniline  
Concen: 38.908 ng  
RT: 9.457 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion: 65 Resp: 308259  
Ion Ratio Lower Upper  
65 100  
92 71.2 56.6 84.8  
138 110.1 88.6 133.0





#49

Acenaphthylene

Concen: 37.725 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

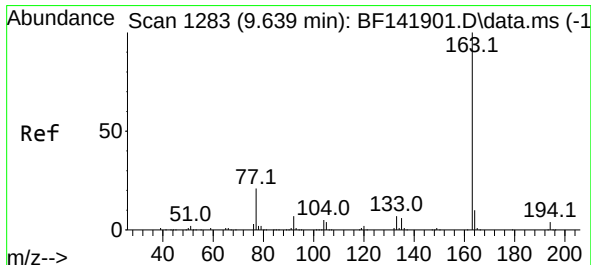
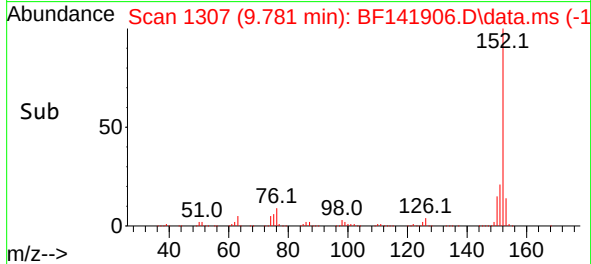
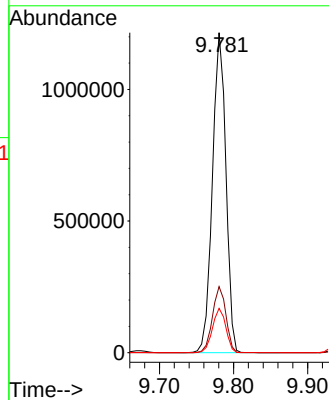
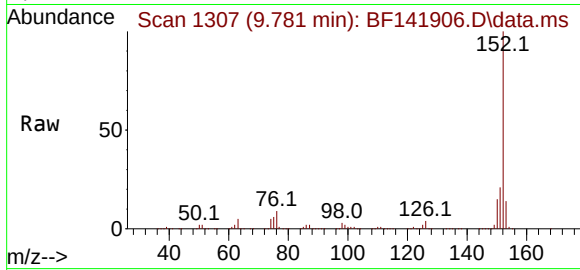
Tgt Ion:152 Resp: 1531852

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 37.611 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

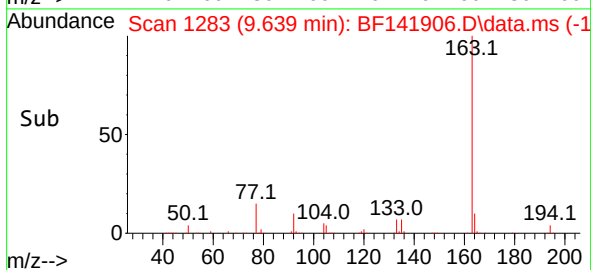
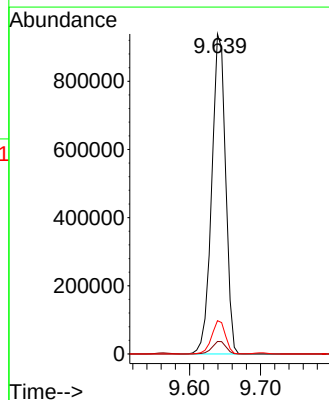
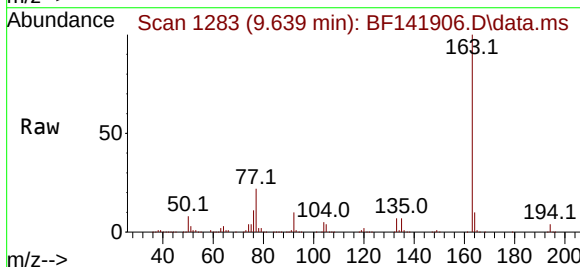
Tgt Ion:163 Resp: 1272572

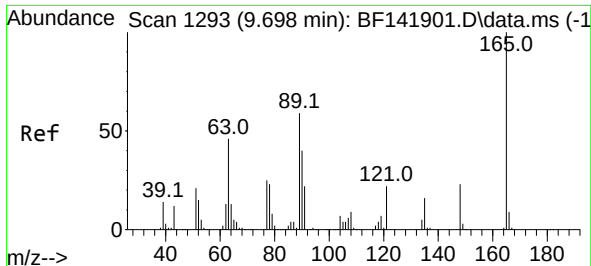
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.2 12.4

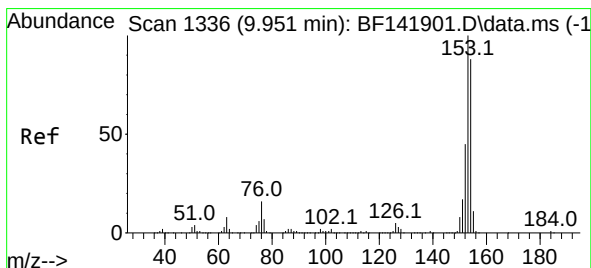
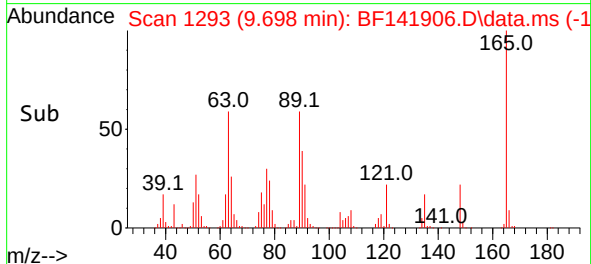
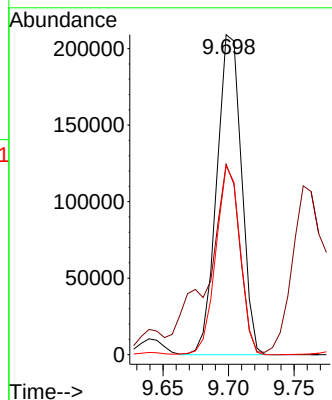
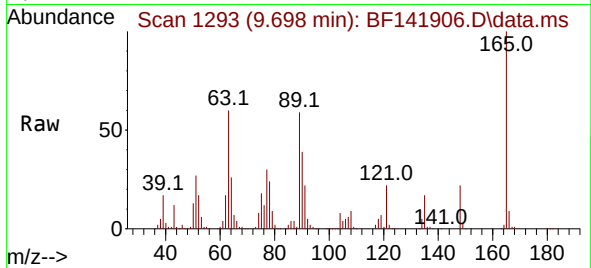




#51  
2,6-Dinitrotoluene  
Concen: 38.970 ng  
RT: 9.698 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

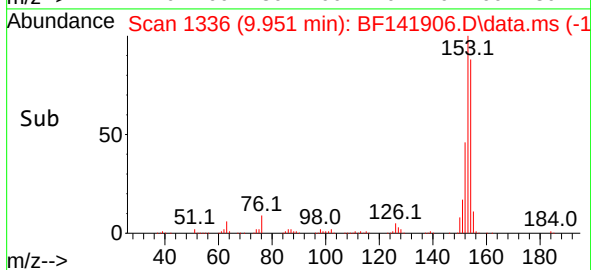
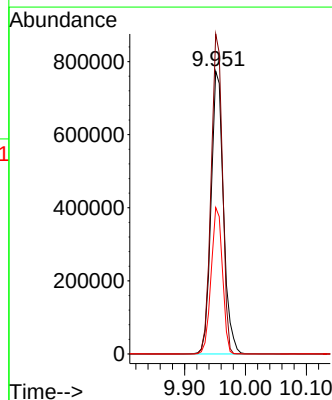
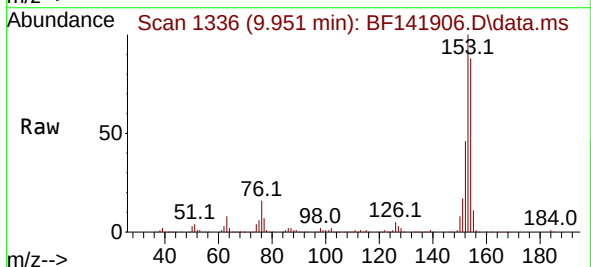
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

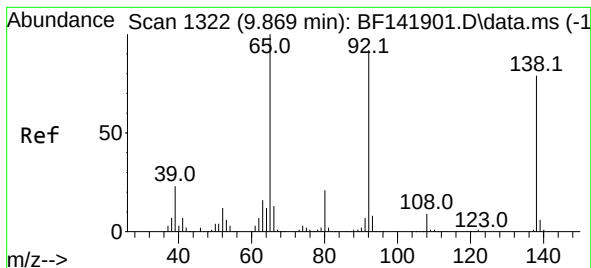
Tgt Ion:165 Resp: 274531  
Ion Ratio Lower Upper  
165 100  
63 59.5 47.0 70.4  
89 59.1 47.4 71.2



#52  
Acenaphthene  
Concen: 38.405 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:154 Resp: 1095922  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.7 136.1  
152 51.8 41.1 61.7

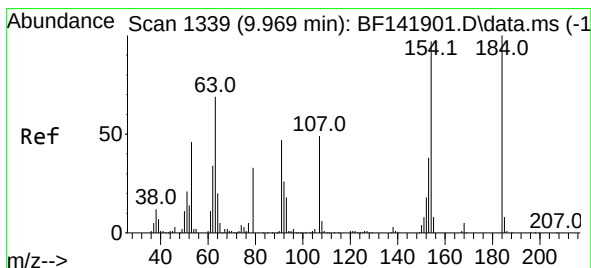
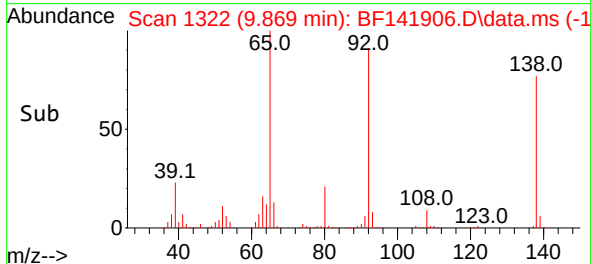
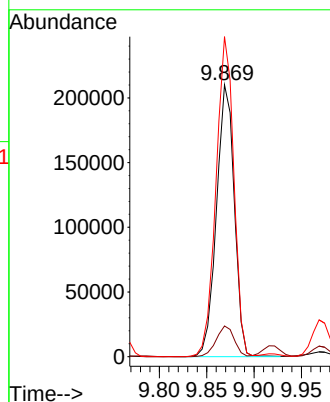
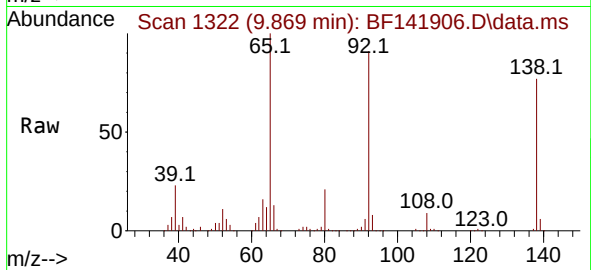




#53  
3-Nitroaniline  
Concen: 38.561 ng  
RT: 9.869 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

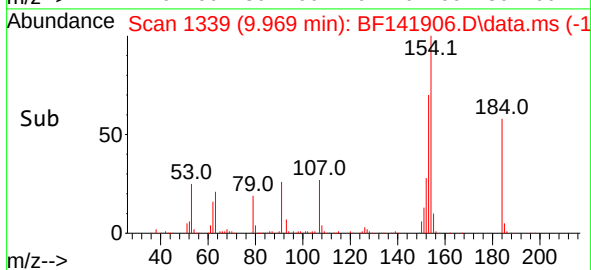
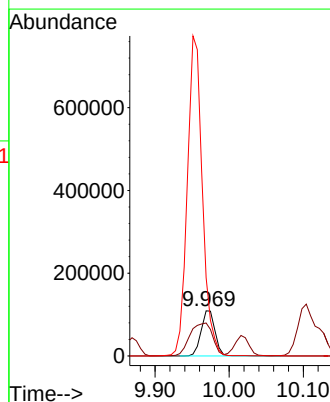
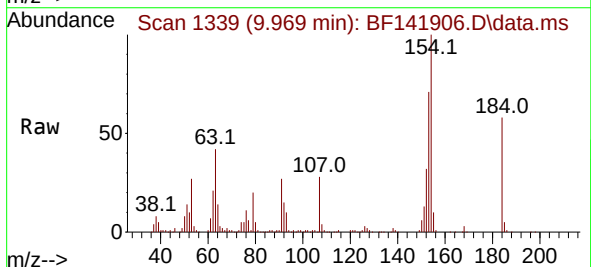
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

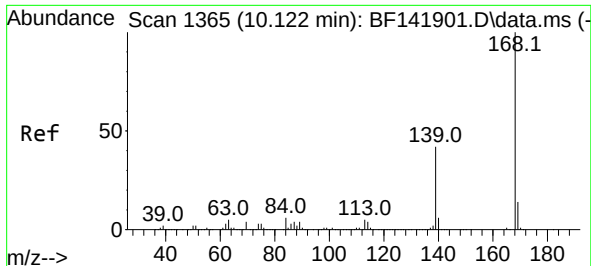
Tgt Ion:138 Resp: 275555  
Ion Ratio Lower Upper  
138 100  
108 11.3 9.3 13.9  
92 117.7 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 39.326 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:184 Resp: 142831  
Ion Ratio Lower Upper  
184 100  
63 73.1 60.2 90.4  
154 173.5 132.9 199.3

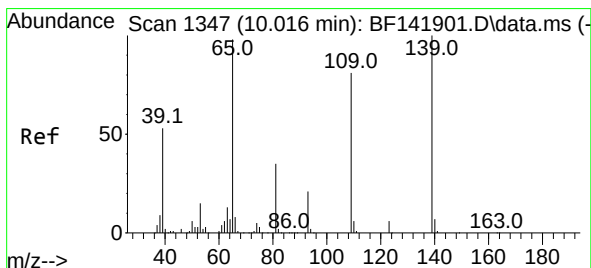
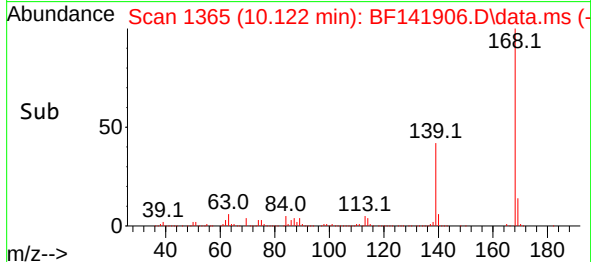
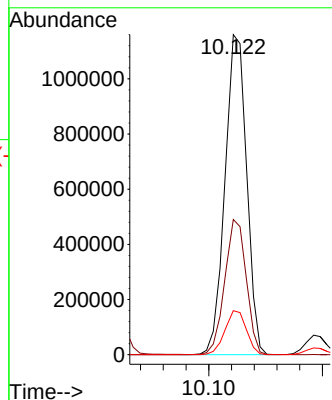
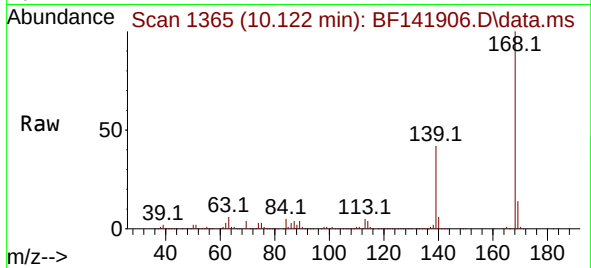




#55  
Dibenzofuran  
Concen: 37.778 ng  
RT: 10.122 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

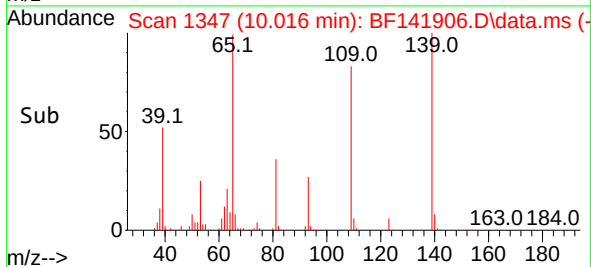
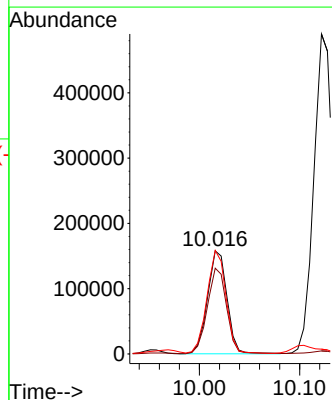
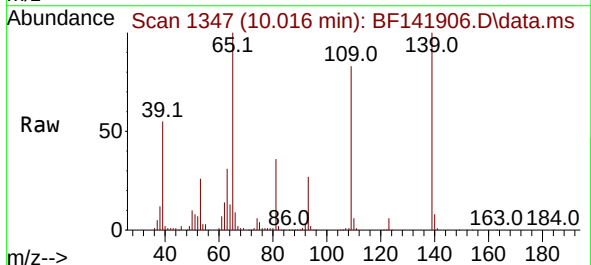
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

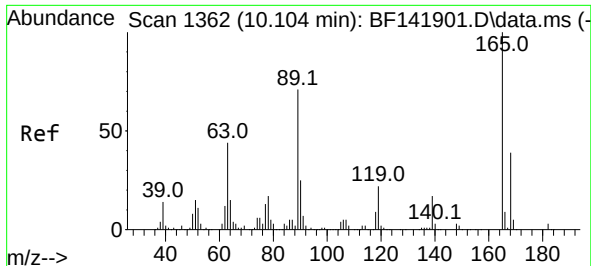
Tgt Ion:168 Resp: 1540381  
Ion Ratio Lower Upper  
168 100  
139 42.2 33.9 50.9  
169 13.8 11.0 16.4



#56  
4-Nitrophenol  
Concen: 39.425 ng  
RT: 10.016 min Scan# 1347  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:139 Resp: 212462  
Ion Ratio Lower Upper  
139 100  
109 83.2 61.6 101.6  
65 100.4 79.4 119.4



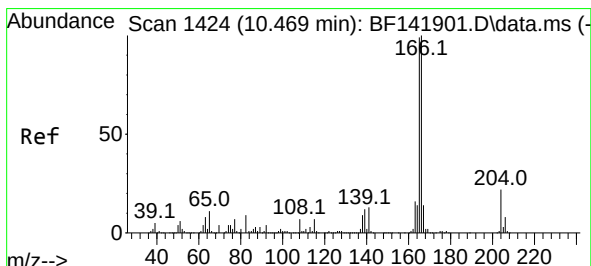
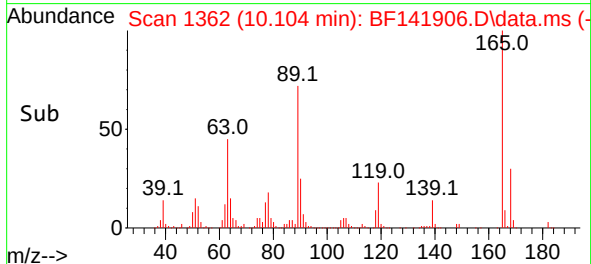
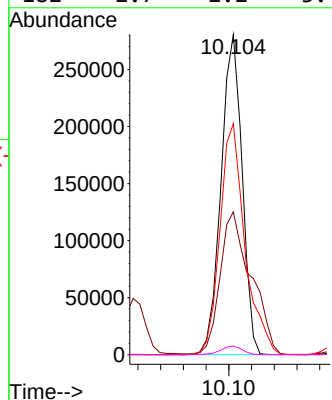
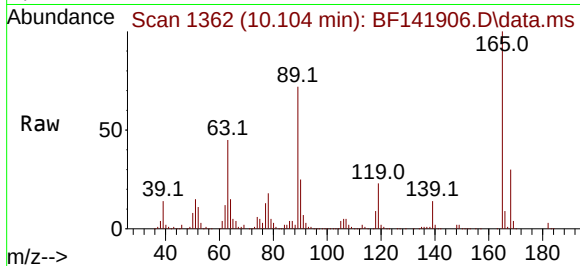


#57  
2,4-Dinitrotoluene  
Concen: 39.291 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion:165 Resp: 361518

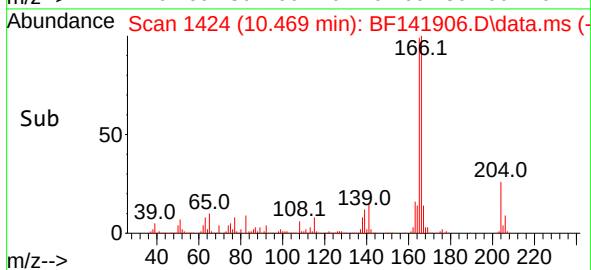
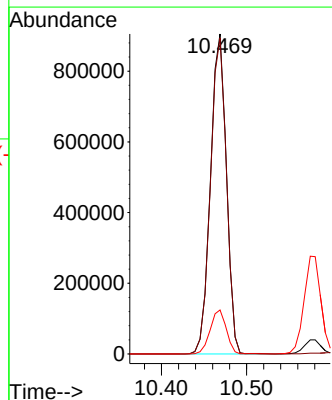
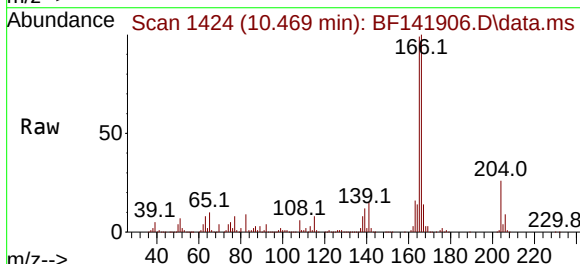
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 44.7  | 35.4  | 53.2  |
| 89  | 72.2  | 56.6  | 84.8  |
| 182 | 2.7   | 2.2   | 3.4   |



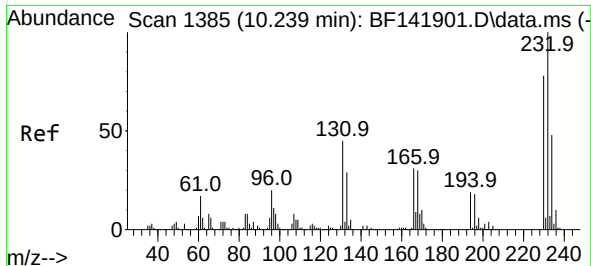
#58  
Fluorene  
Concen: 37.381 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:166 Resp: 1175392

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.8  | 79.0  | 118.4 |
| 167 | 13.8  | 11.0  | 16.4  |

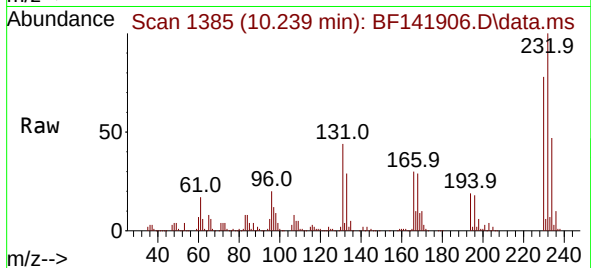




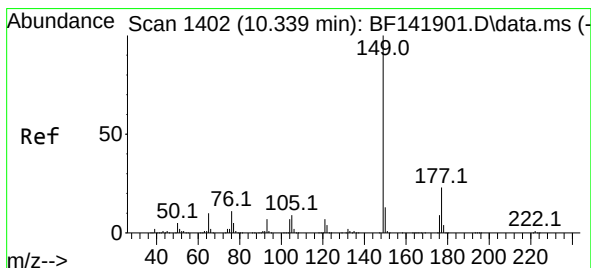
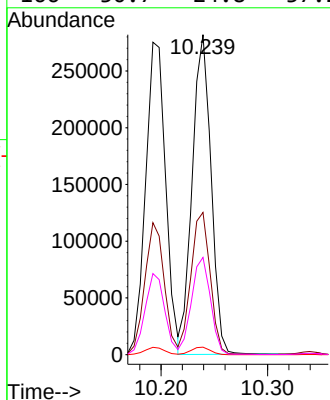
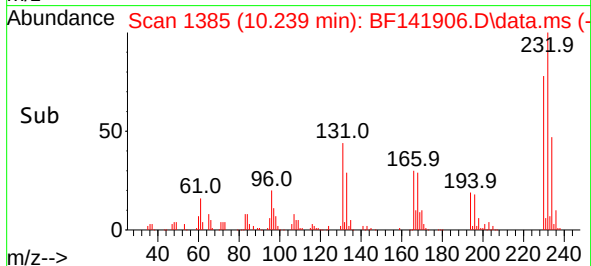


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.070 ng  
RT: 10.239 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

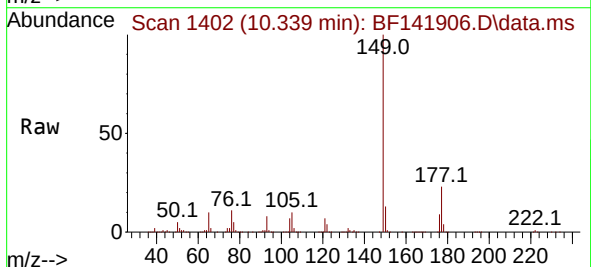
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025



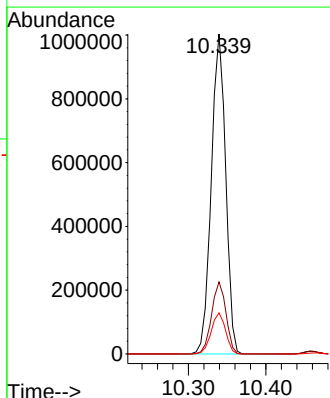
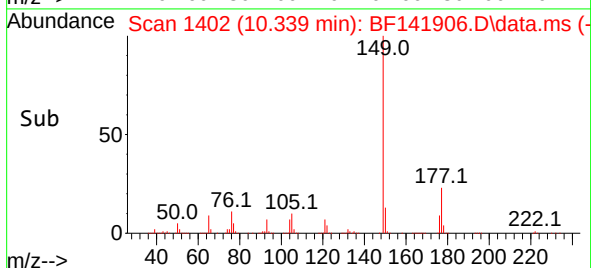
Tgt Ion:232 Resp: 346168  
Ion Ratio Lower Upper  
232 100  
131 45.8 37.3 55.9  
130 2.4 1.9 2.9  
166 30.7 24.8 37.2

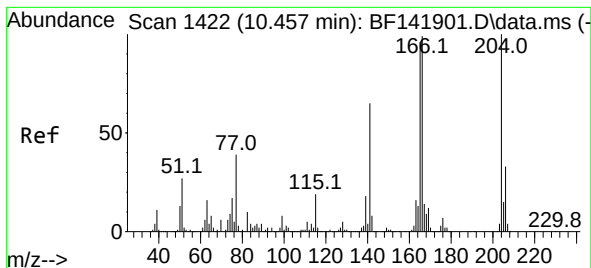


#60  
Diethylphthalate  
Concen: 38.337 ng  
RT: 10.339 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53



Tgt Ion:149 Resp: 1293401  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.0 27.0  
150 12.8 10.2 15.4

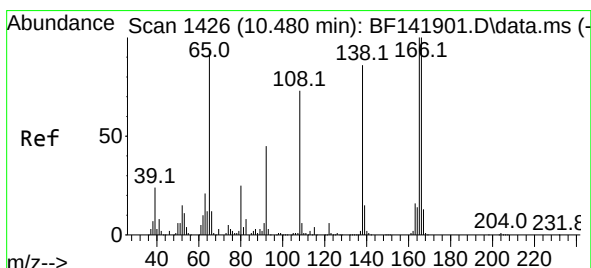
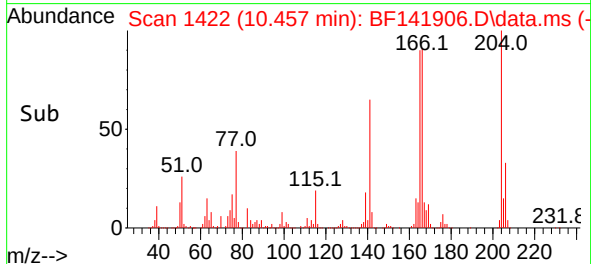
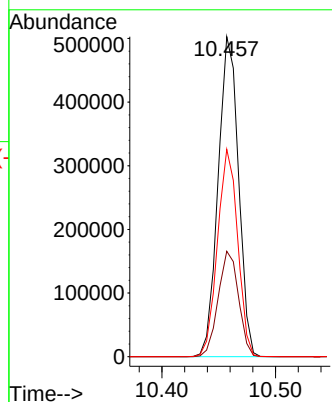
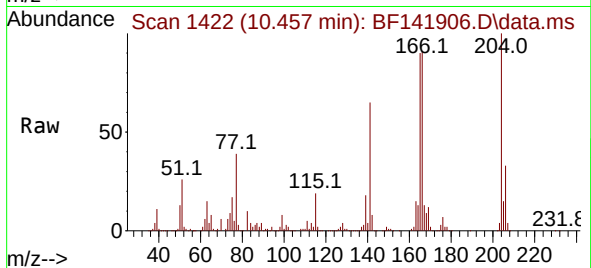




#61  
4-Chlorophenyl-phenylether  
Concen: 38.272 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

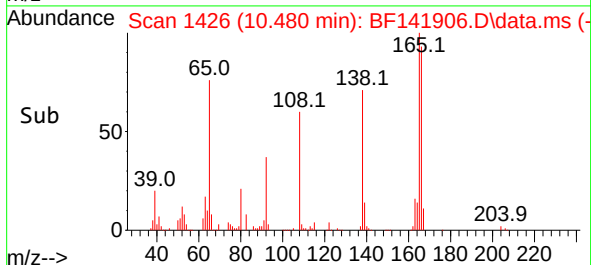
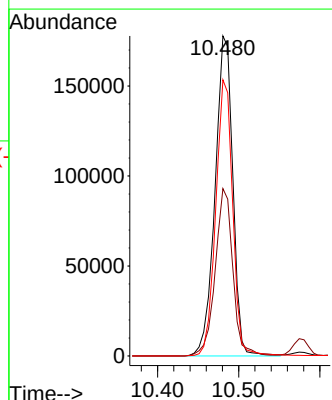
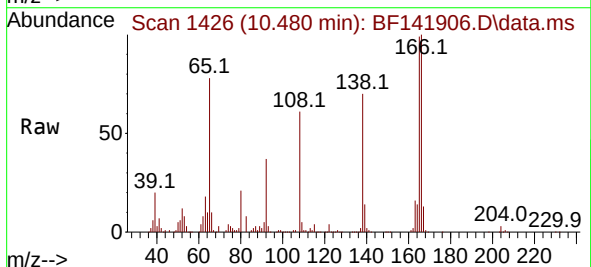
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

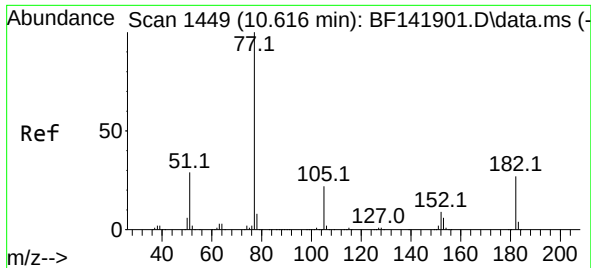
Tgt Ion:204 Resp: 627404  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.8 40.2  
141 64.8 52.4 78.6



#62  
4-Nitroaniline  
Concen: 38.953 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:138 Resp: 270993  
Ion Ratio Lower Upper  
138 100  
92 52.3 32.6 72.6  
108 86.3 65.0 105.0



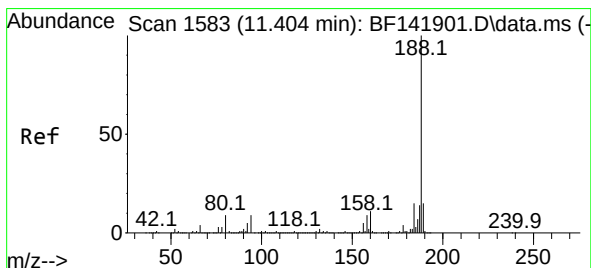
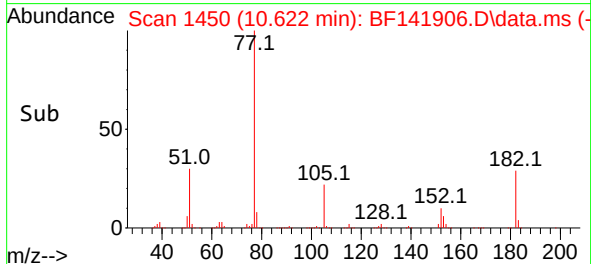
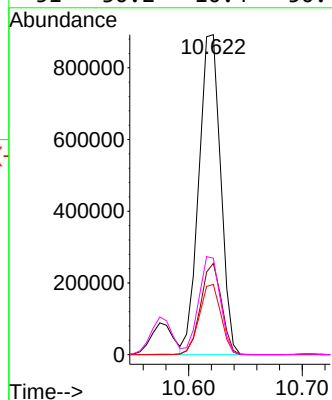
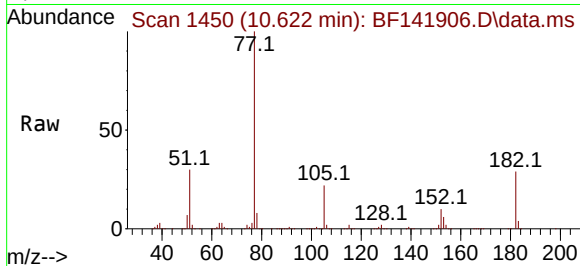


#63  
Azobenzene  
Concen: 37.911 ng  
RT: 10.622 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion: 77 Resp: 1189121

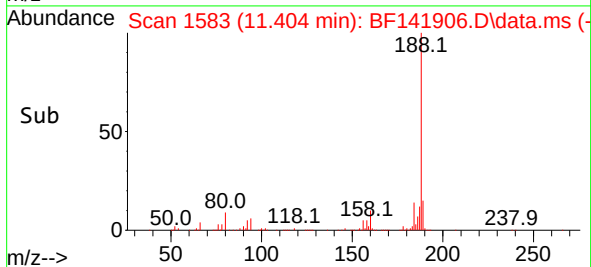
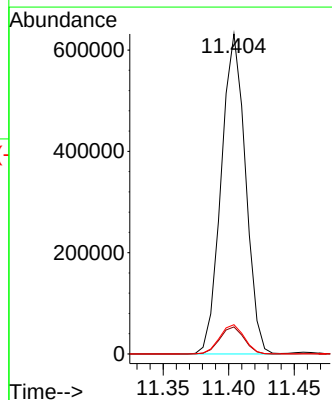
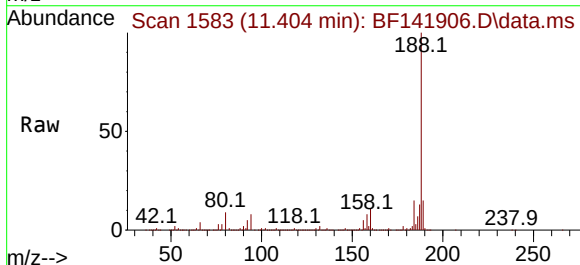
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.5  | 6.6   | 46.6  |
| 105 | 22.0  | 1.3   | 41.3  |
| 51  | 30.2  | 10.4  | 50.4  |

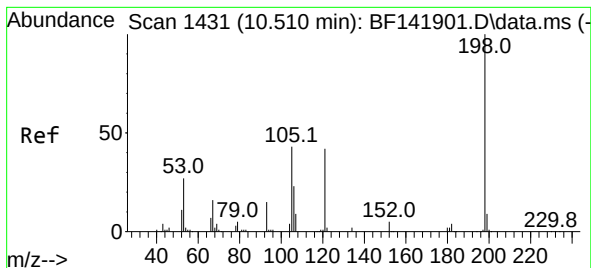


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1583  
Delta R.T. -0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion: 188 Resp: 813672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.5   | 6.8   | 10.2  |
| 80  | 9.1   | 7.6   | 11.4  |

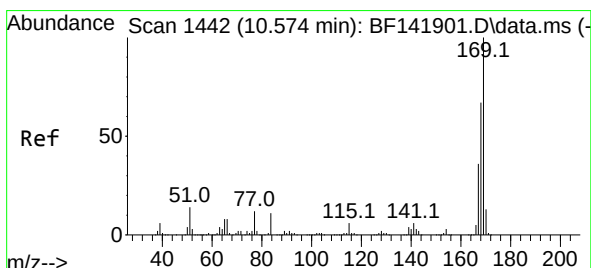
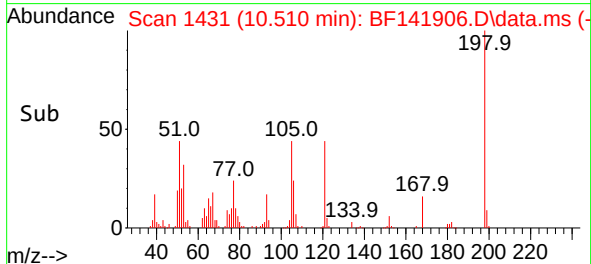
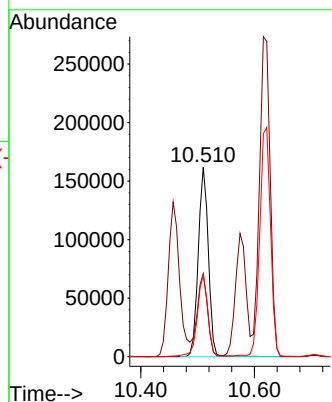
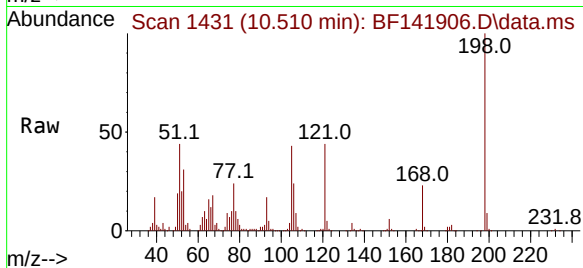




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.415 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

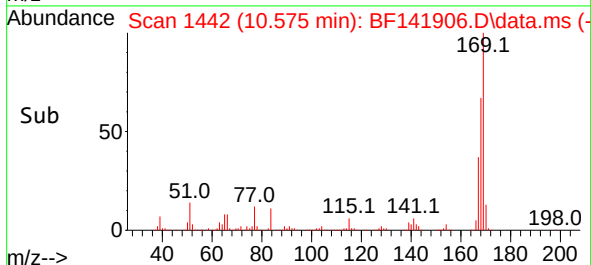
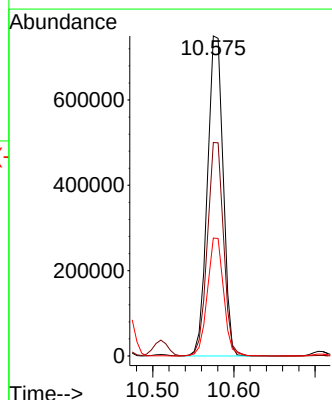
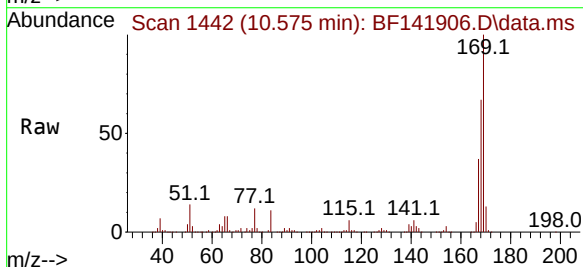
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

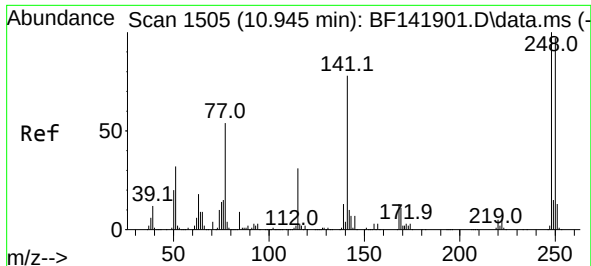
Tgt Ion:198 Resp: 200888  
Ion Ratio Lower Upper  
198 100  
51 43.7 22.3 62.3  
105 43.4 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 38.283 ng  
RT: 10.575 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:169 Resp: 1008029  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.7 80.5  
167 36.9 29.2 43.8

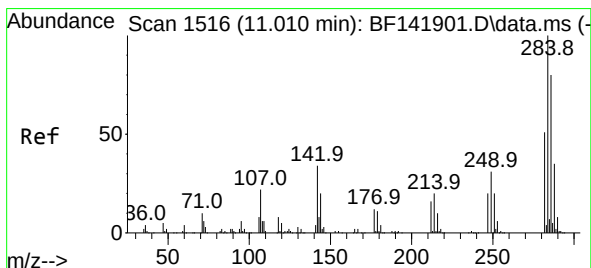
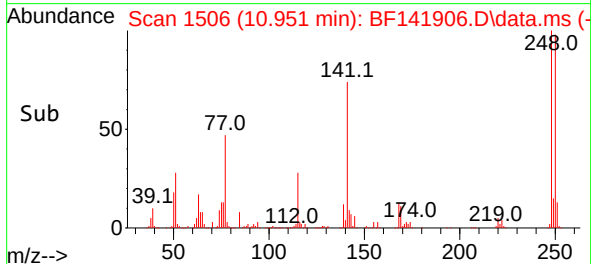
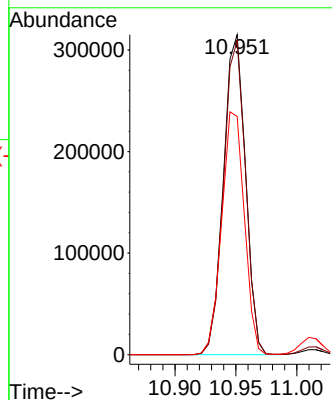
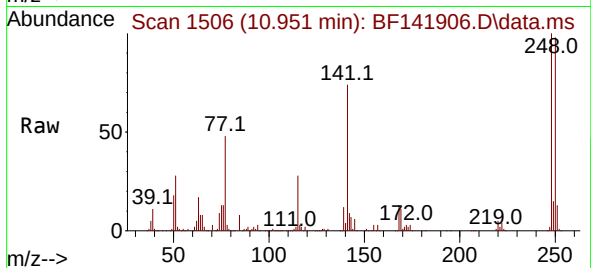




#67  
4-Bromophenyl-phenylether  
Concen: 39.015 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. 0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

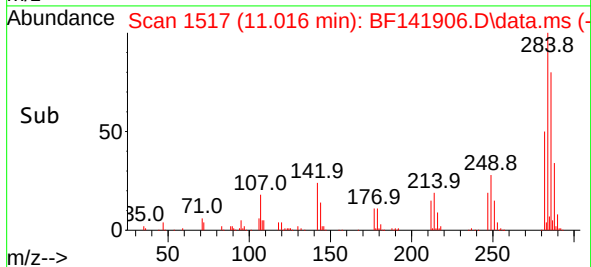
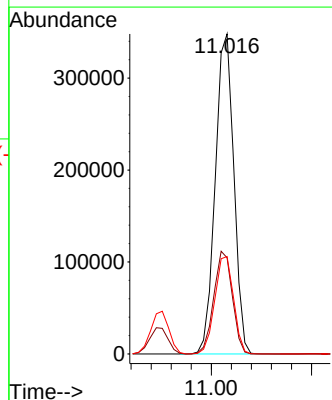
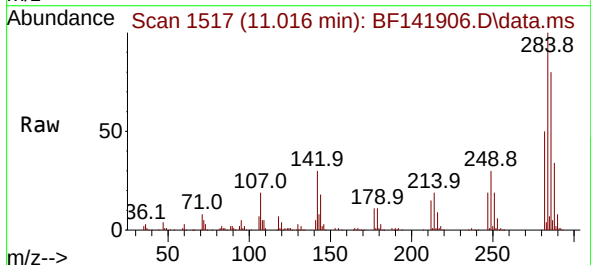
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

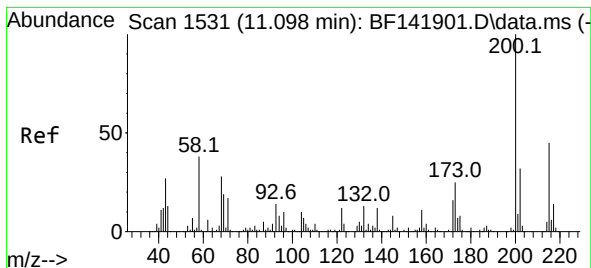
Tgt Ion:248 Resp: 398683  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.8 116.8  
141 74.4 62.6 93.8



#68  
Hexachlorobenzene  
Concen: 39.789 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:284 Resp: 445938  
Ion Ratio Lower Upper  
284 100  
142 30.0 27.0 40.6  
249 30.5 25.2 37.8





#69

Atrazine

Concen: 31.945 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

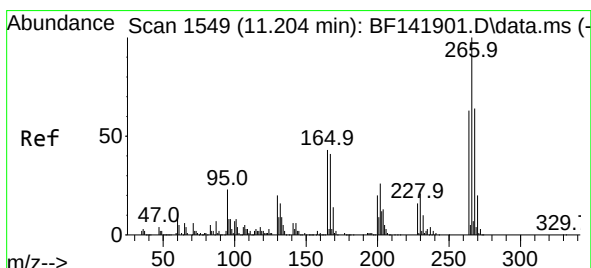
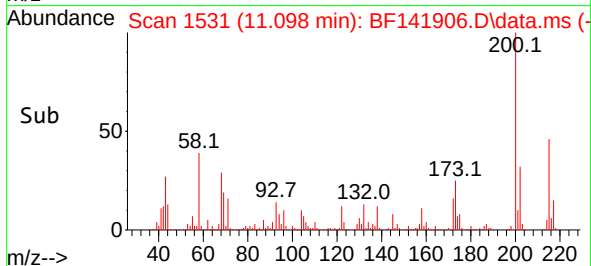
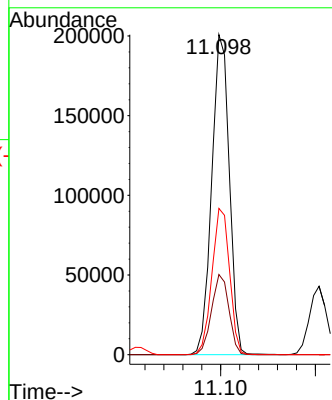
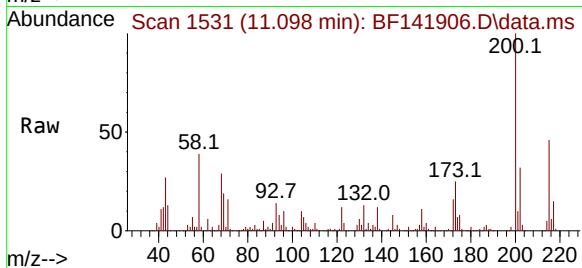
Tgt Ion:200 Resp: 257856

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 45.7 25.4 65.4



#70

Pentachlorophenol

Concen: 41.955 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

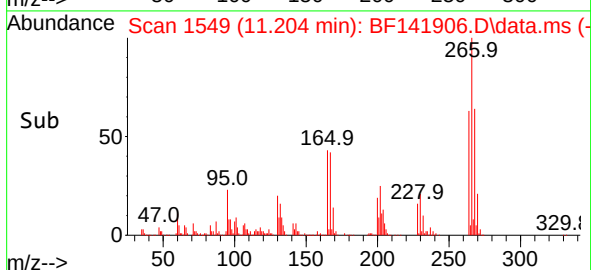
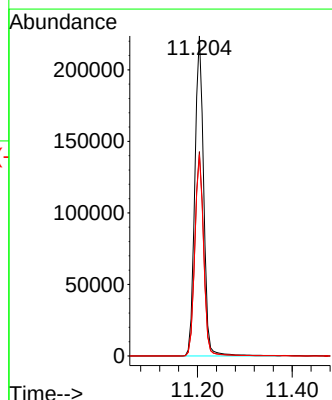
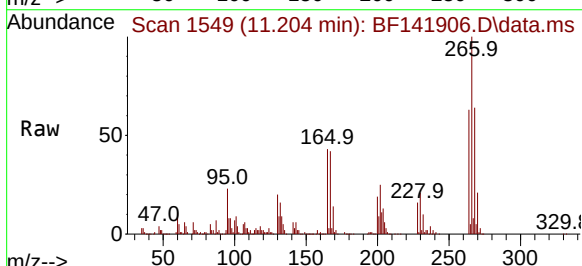
Tgt Ion:266 Resp: 289713

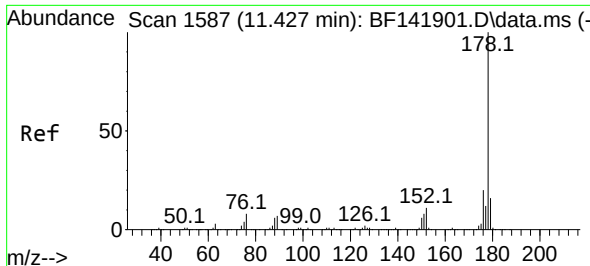
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.9 50.2 75.2

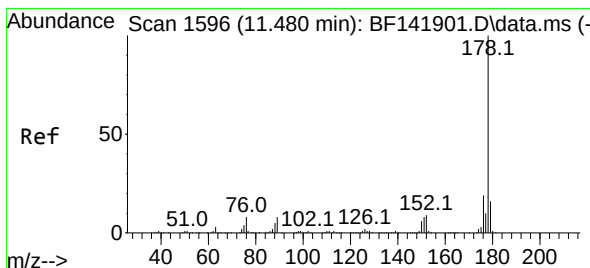
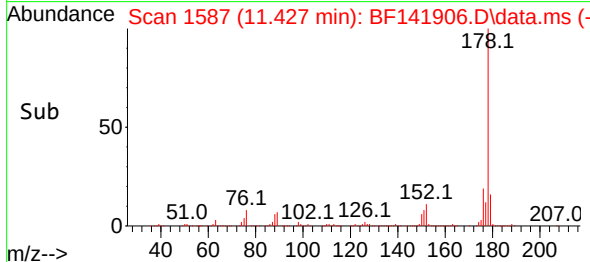
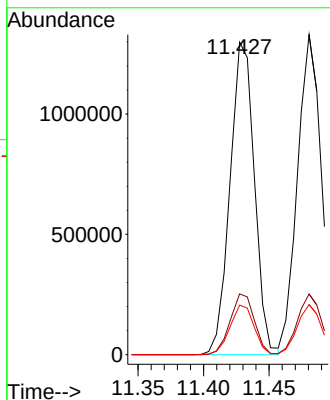
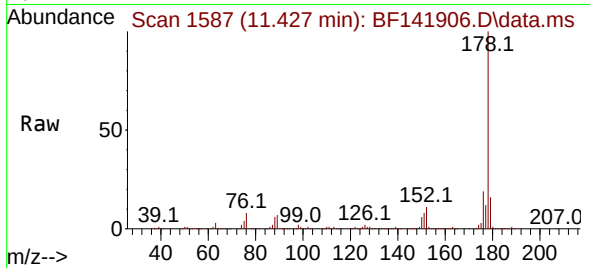




#71  
Phenanthrene  
Concen: 38.357 ng  
RT: 11.427 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

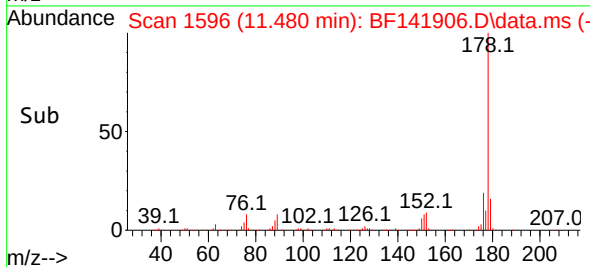
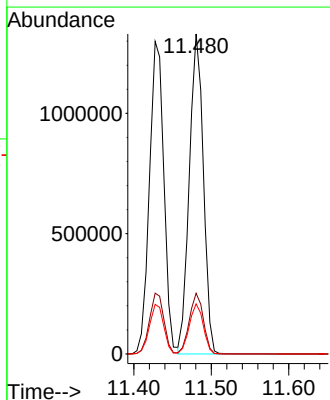
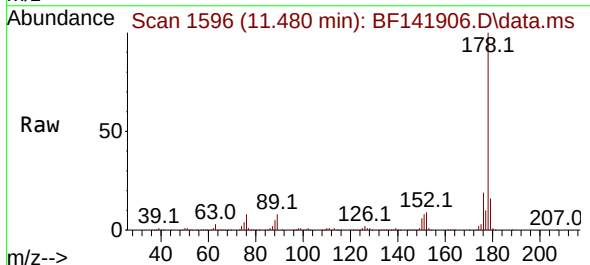
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

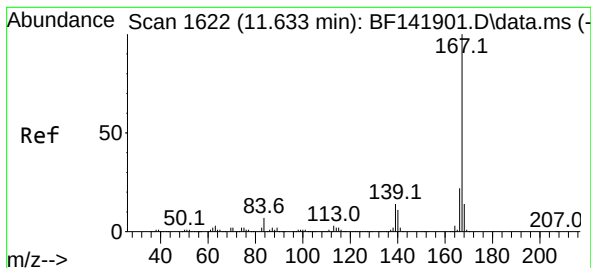
Tgt Ion:178 Resp: 1685770  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.8 23.8  
179 15.9 12.6 19.0



#72  
Anthracene  
Concen: 37.991 ng  
RT: 11.480 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:178 Resp: 1675103  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.1 22.7  
179 15.7 12.6 19.0





#73

Carbazole

Concen: 38.167 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

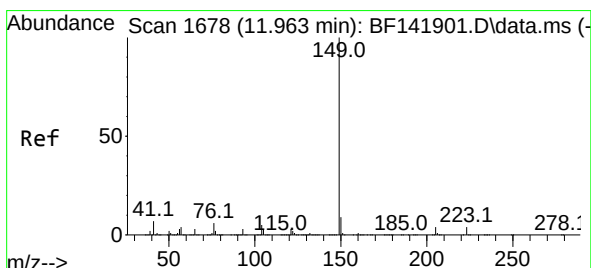
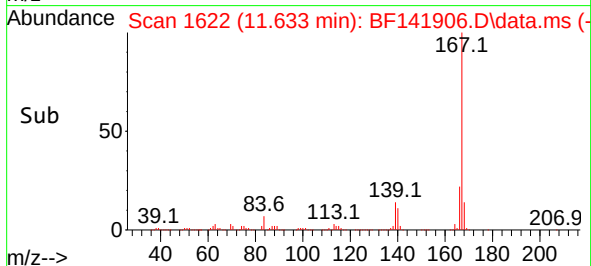
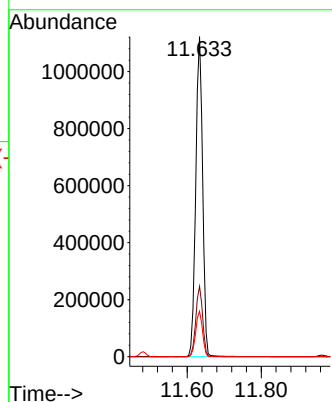
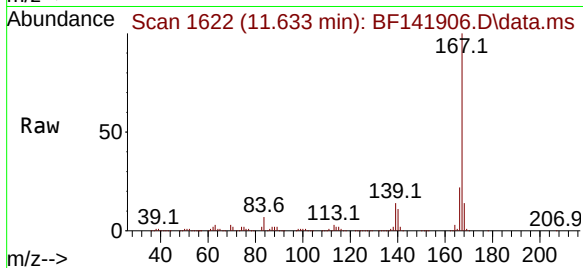
Tgt Ion:167 Resp: 1451333

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 14.2 11.0 16.6



#74

Di-n-butylphthalate

Concen: 38.717 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

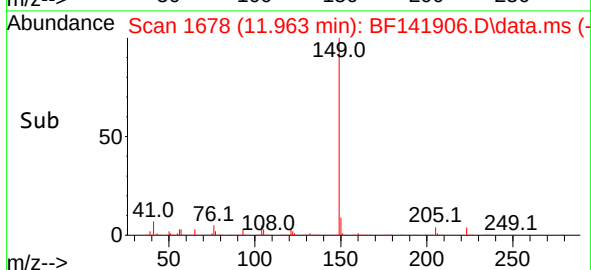
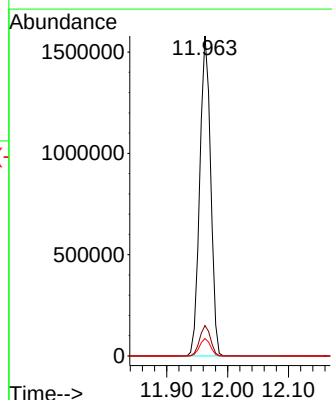
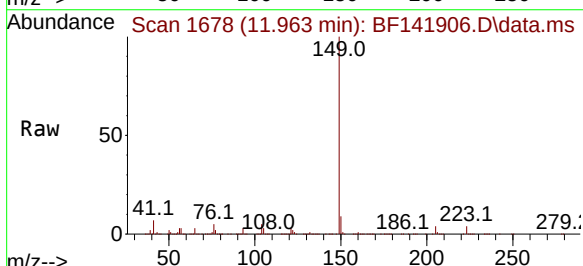
Tgt Ion:149 Resp: 1953516

Ion Ratio Lower Upper

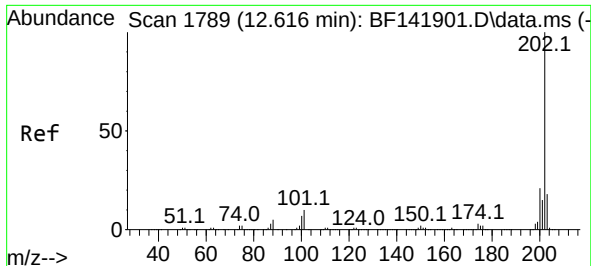
149 100

150 9.5 7.6 11.4

104 5.5 4.4 6.6



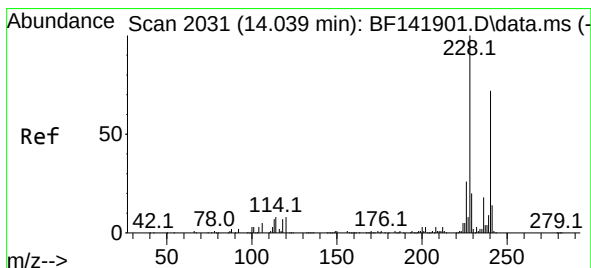
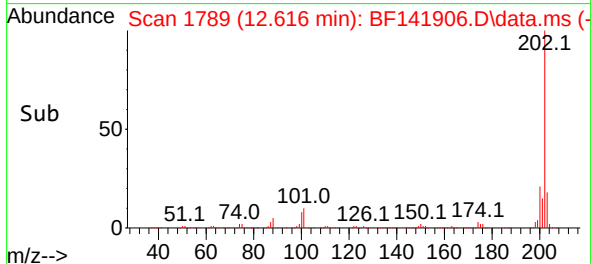
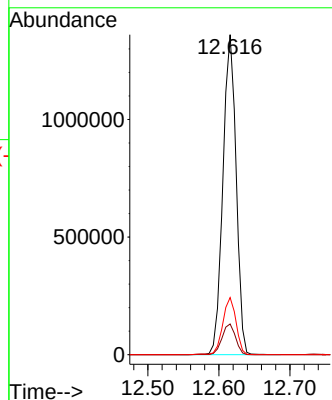
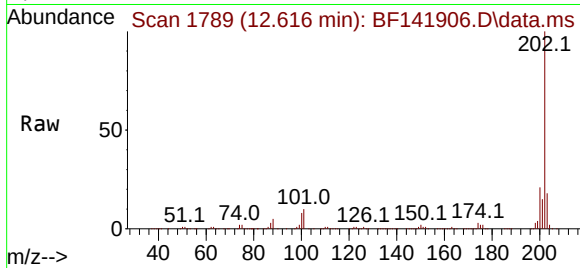




#75  
Fluoranthene  
Concen: 37.545 ng  
RT: 12.616 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

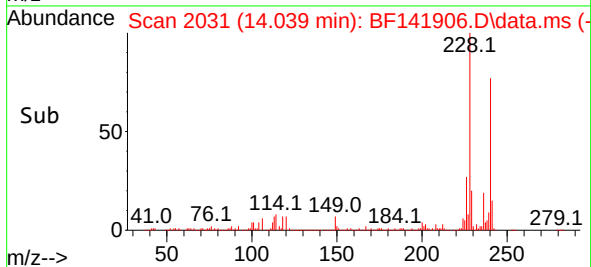
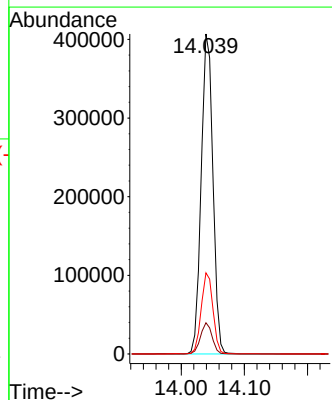
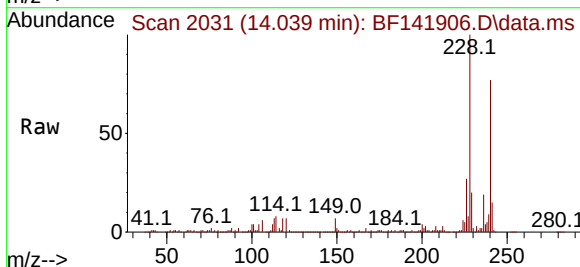
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

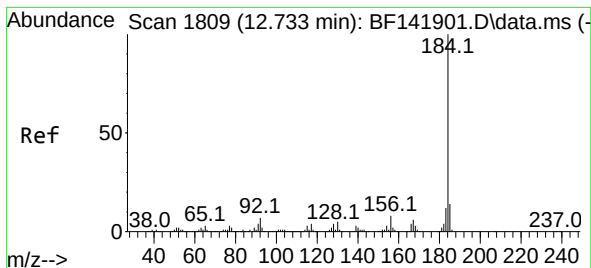
Tgt Ion:202 Resp: 1750317  
Ion Ratio Lower Upper  
202 100  
101 9.6 0.0 29.7  
203 17.9 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:240 Resp: 523890  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.4 12.6  
236 25.3 20.5 30.7





#77

Benzidine

Concen: 57.513 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

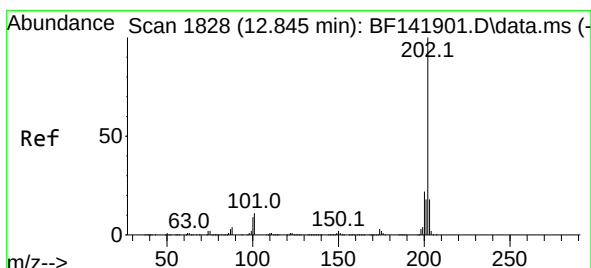
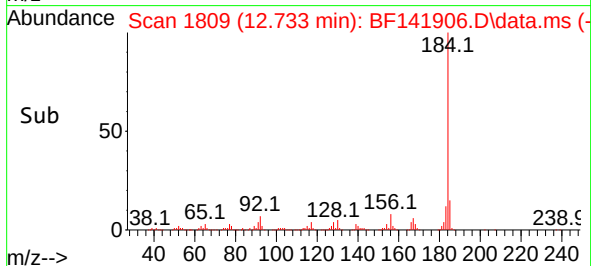
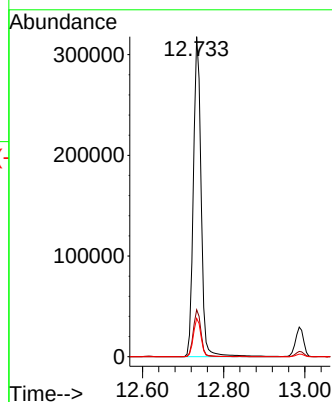
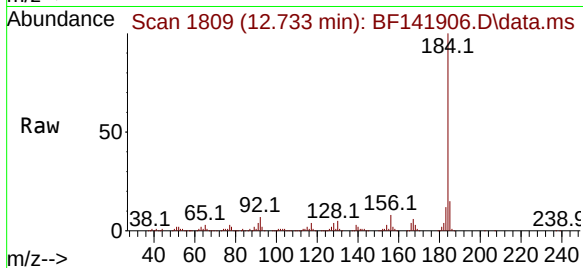
Tgt Ion:184 Resp: 420377

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 12.0 9.7 14.5



#78

Pyrene

Concen: 38.539 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

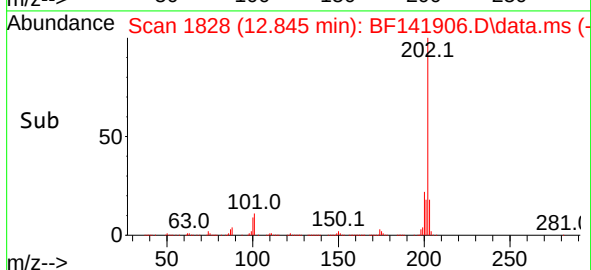
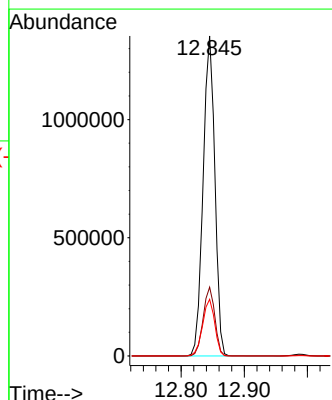
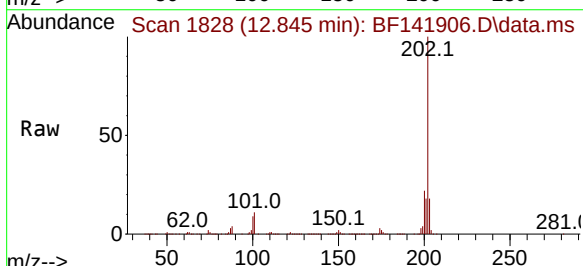
Tgt Ion:202 Resp: 1746456

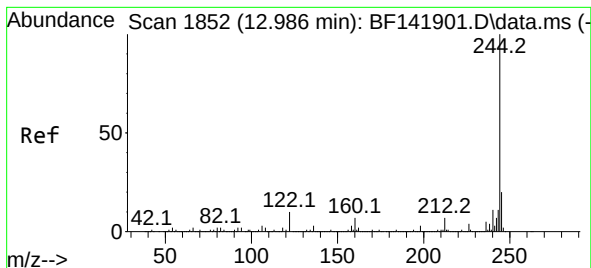
Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 79.748 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

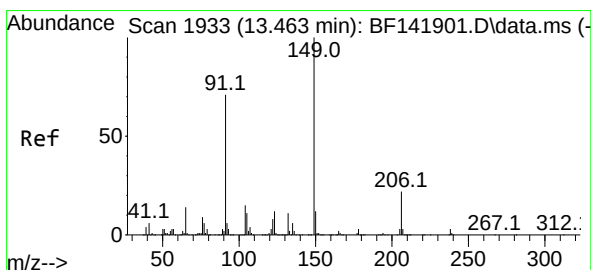
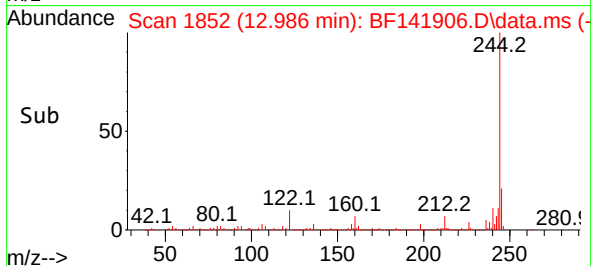
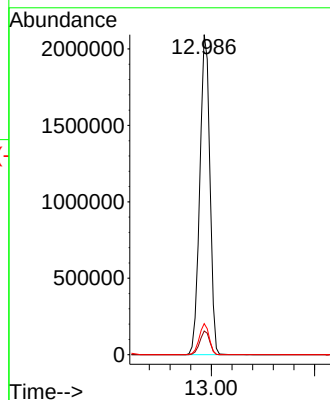
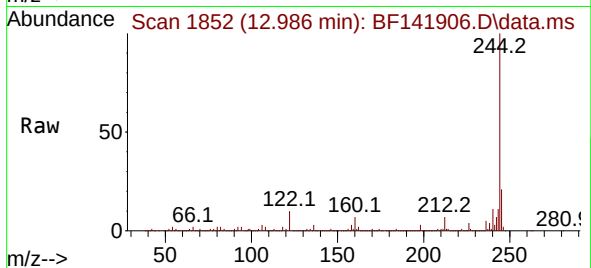
Tgt Ion:244 Resp: 2825870

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 40.778 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

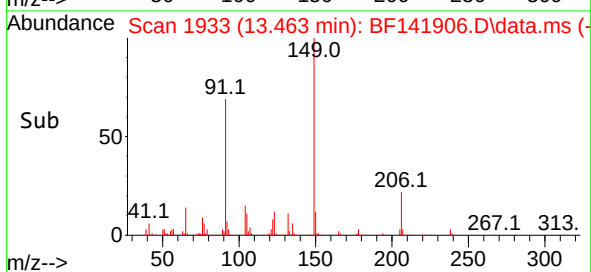
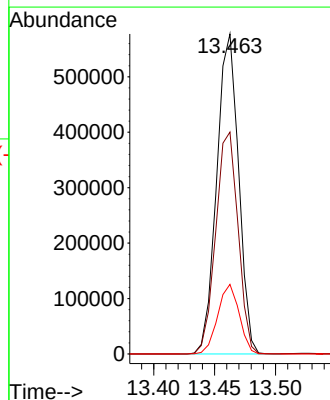
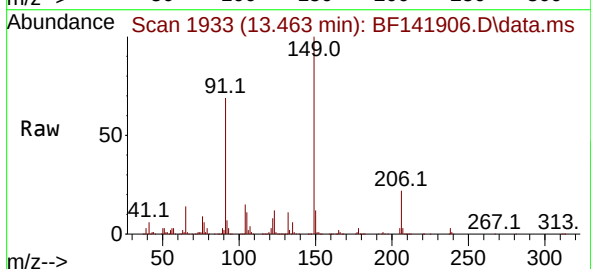
Tgt Ion:149 Resp: 723288

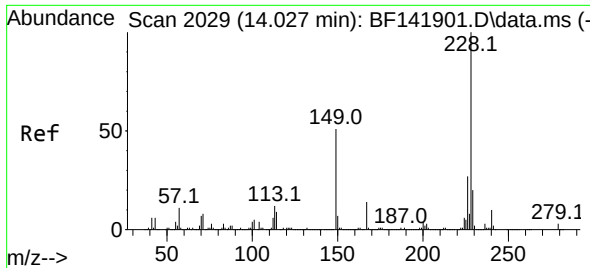
Ion Ratio Lower Upper

149 100

91 69.3 56.5 84.7

206 21.8 17.3 25.9

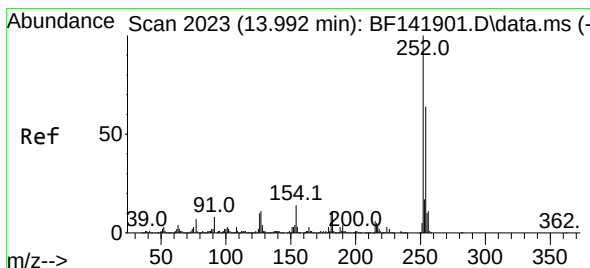
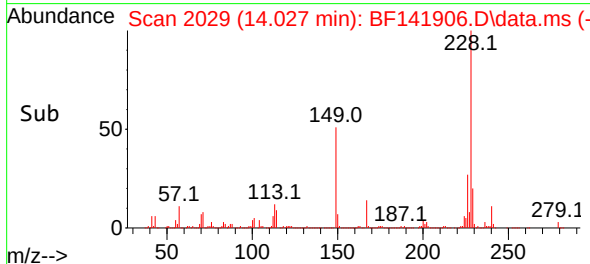
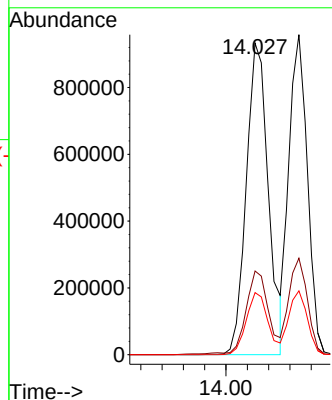
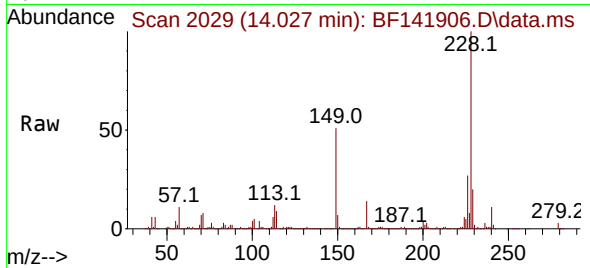




#81  
Benzo(a)anthracene  
Concen: 39.211 ng  
RT: 14.027 min Scan# 2029  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

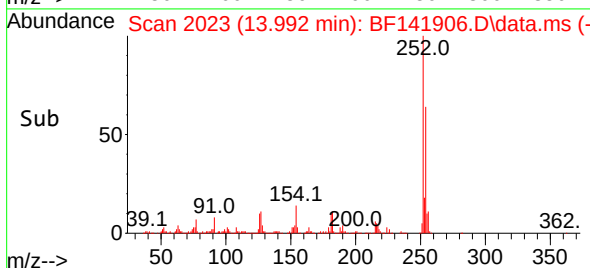
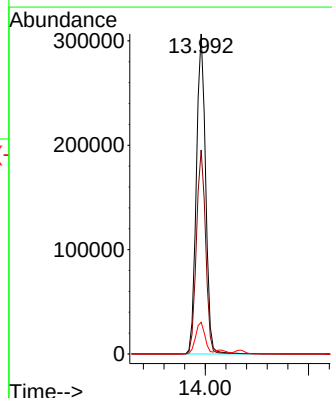
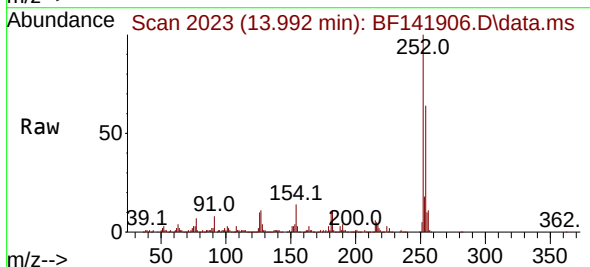
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

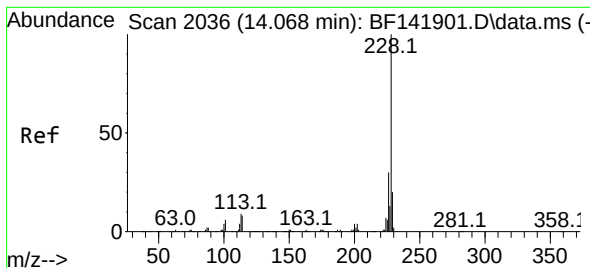
Tgt Ion:228 Resp: 1347977  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.8 32.8  
229 20.0 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 38.337 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 380866  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.0 76.6  
126 9.9 8.4 12.6





#83

Chrysene

Concen: 37.195 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA\_F

ClientSampleId :

ICVBF031025

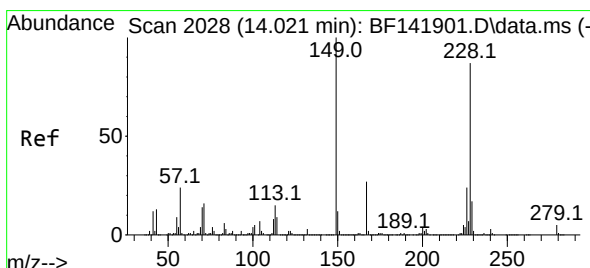
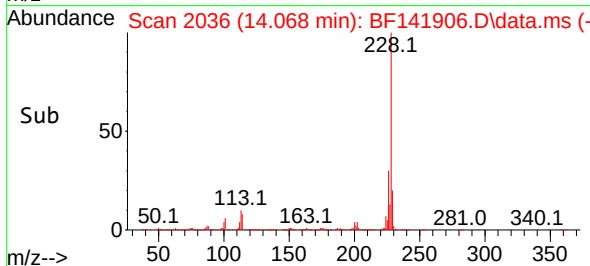
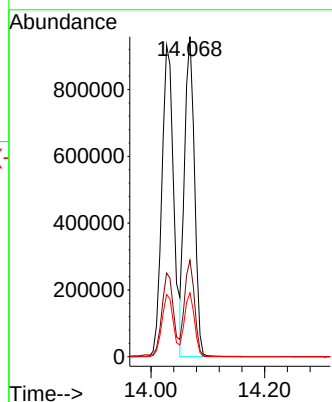
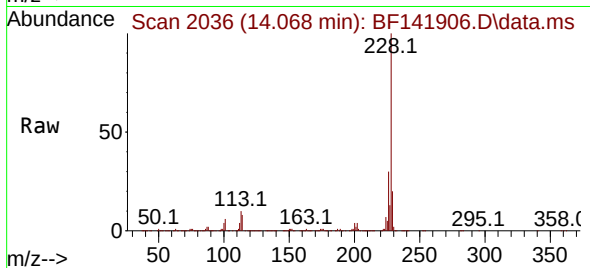
Tgt Ion:228 Resp: 1159074

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.142 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

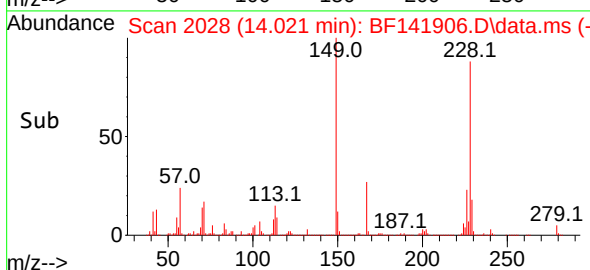
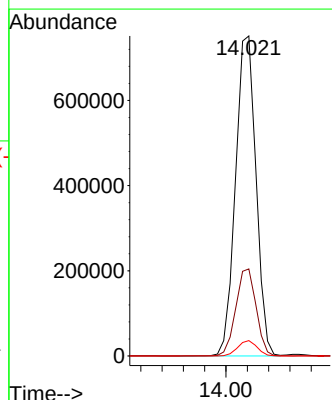
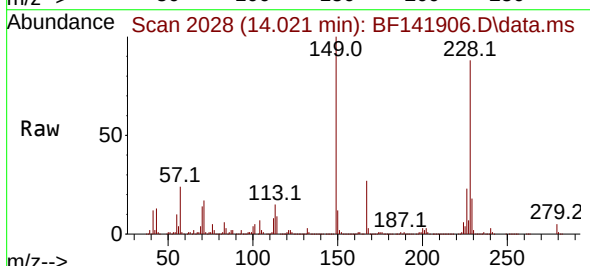
Tgt Ion:149 Resp: 1006170

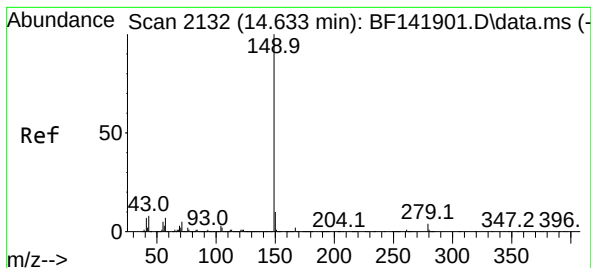
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.8 3.8 5.6

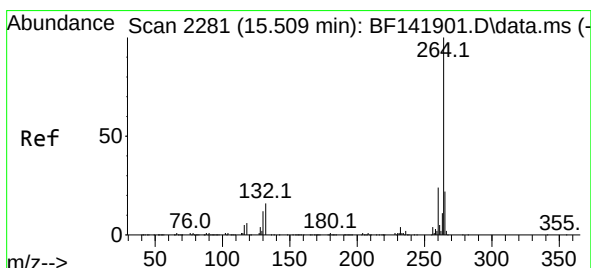
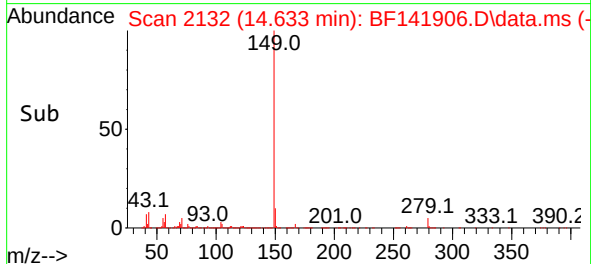
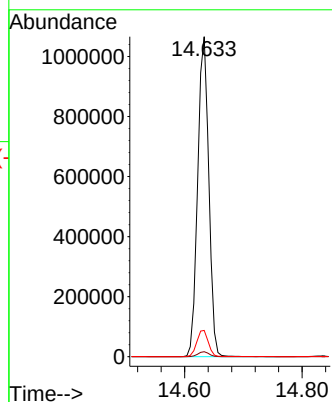
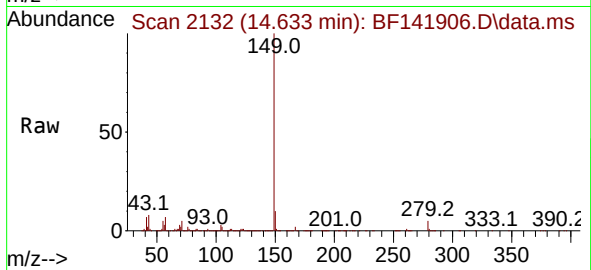




#85  
Di-n-octyl phthalate  
Concen: 40.971 ng  
RT: 14.633 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

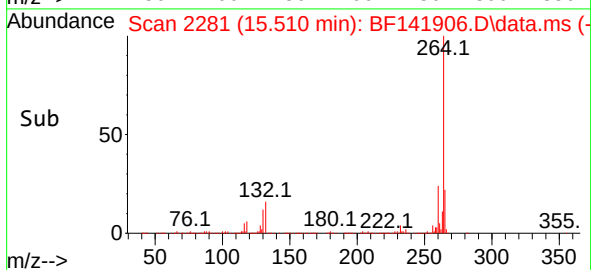
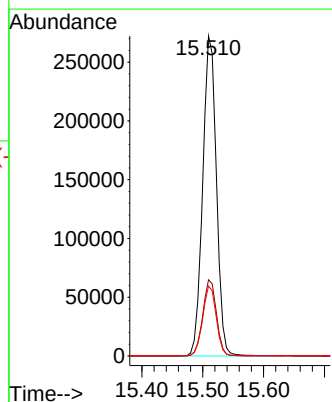
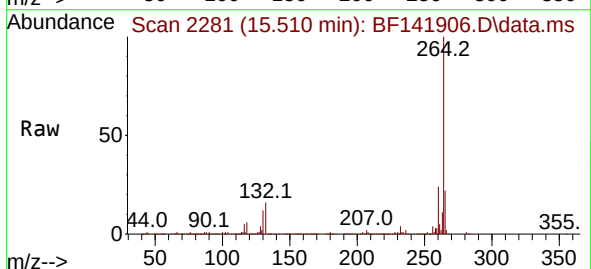
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

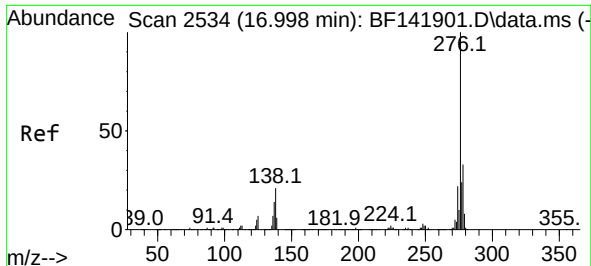
Tgt Ion:149 Resp: 1394136  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.5 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.510 min Scan# 2281  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:264 Resp: 426422  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.1 28.7  
265 21.8 17.5 26.3

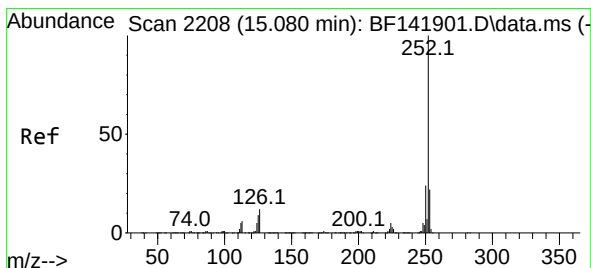
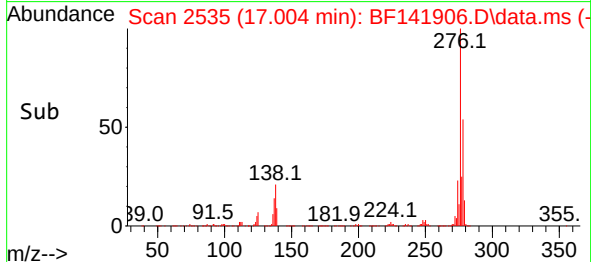
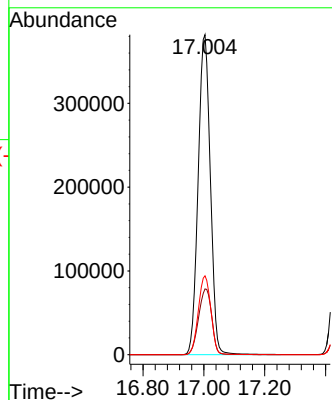
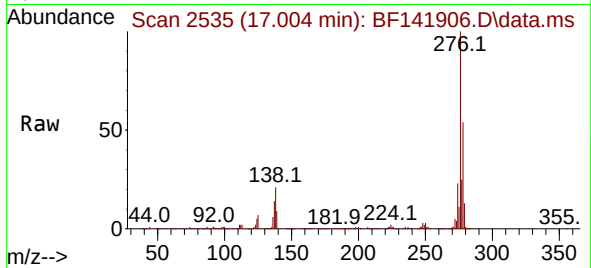




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.467 ng  
RT: 17.004 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

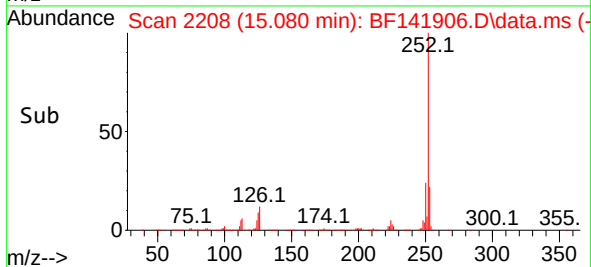
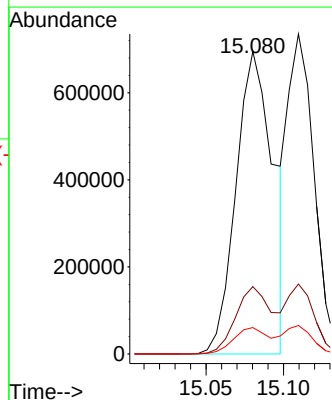
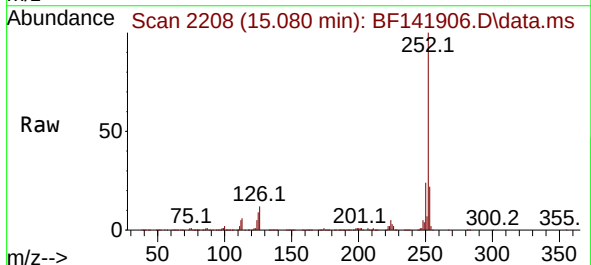
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

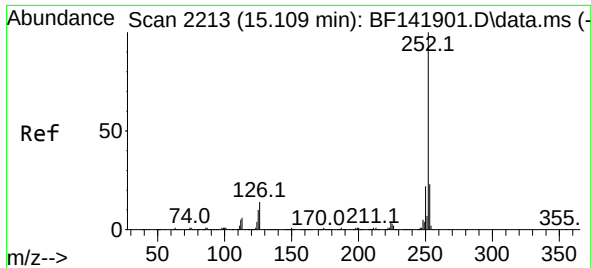
Tgt Ion:276 Resp: 1061096  
Ion Ratio Lower Upper  
276 100  
138 22.2 18.4 27.6  
277 25.3 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 39.906 ng  
RT: 15.080 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 1166263  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 8.7 7.0 10.4

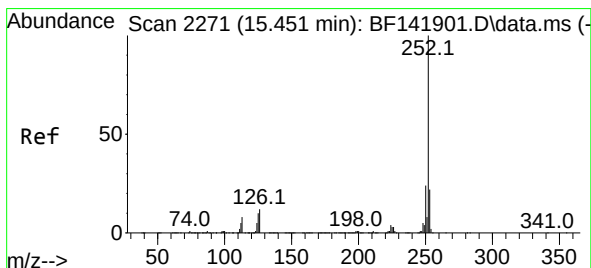
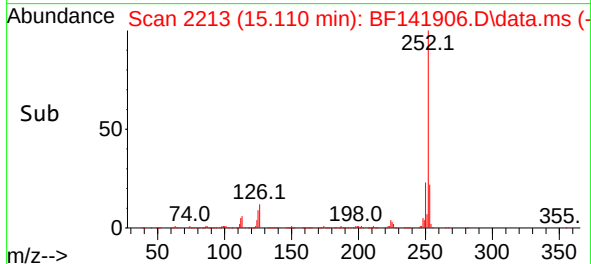
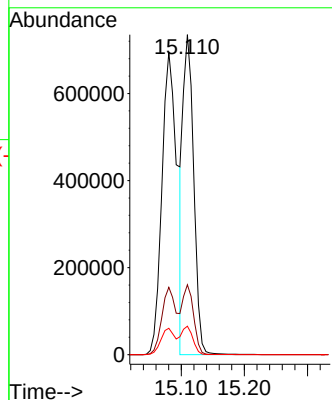
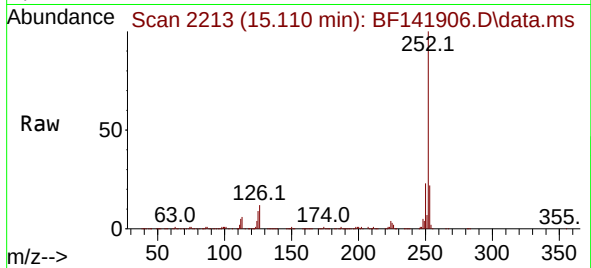




#89  
Benzo(k)fluoranthene  
Concen: 34.765 ng  
RT: 15.110 min Scan# 2213  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

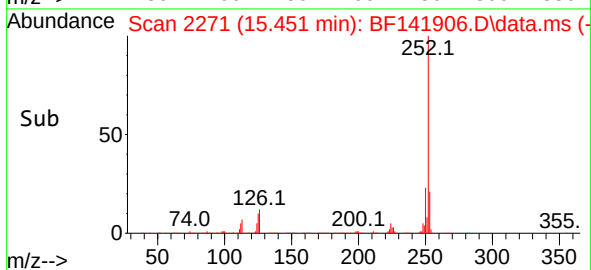
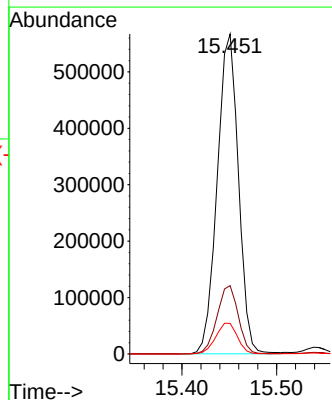
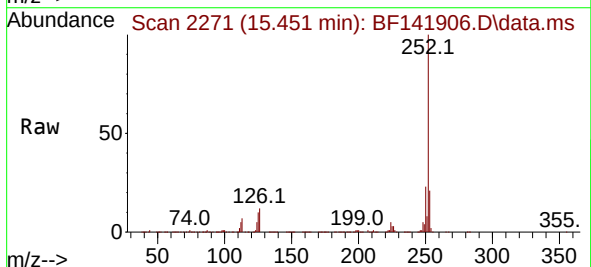
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion:252 Resp: 869471  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.7 26.5  
125 8.9 7.2 10.8

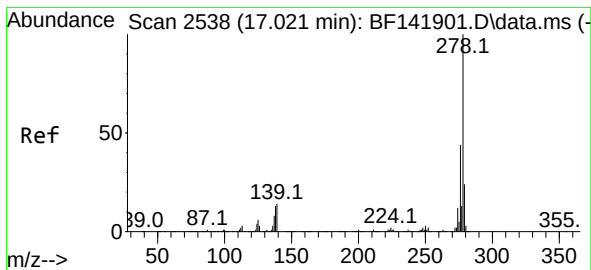


#90  
Benzo(a)pyrene  
Concen: 38.612 ng  
RT: 15.451 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 882967  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.4 26.0  
125 9.6 7.8 11.8





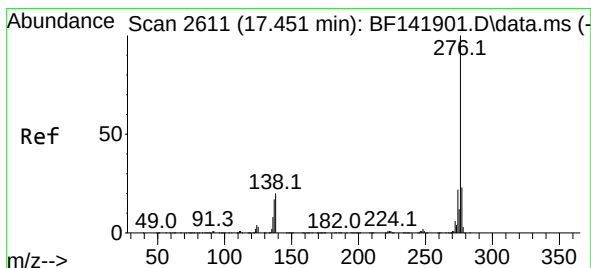
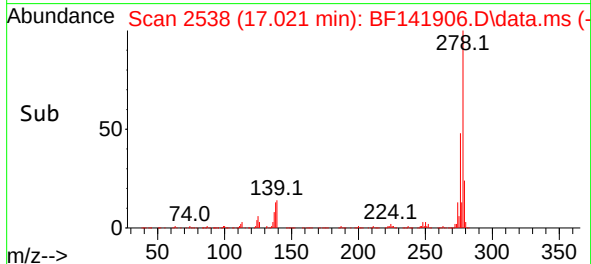
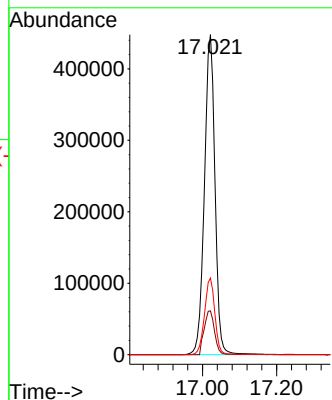
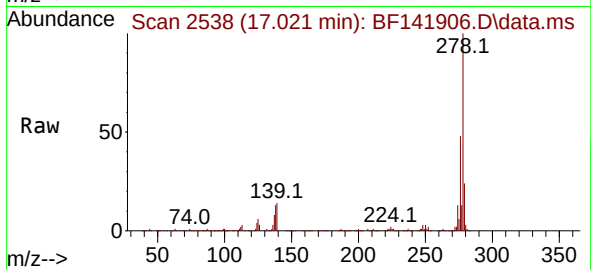


#91  
Dibenzo(a,h)anthracene  
Concen: 38.931 ng  
RT: 17.021 min Scan# 2538  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF031025

Tgt Ion:278 Resp: 886038  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 13.7  | 11.4  | 17.2  |
| 279 | 23.9  | 18.8  | 28.2  |



#92  
Benzo(g,h,i)perylene  
Concen: 38.051 ng  
RT: 17.451 min Scan# 2611  
Delta R.T. 0.000 min  
Lab File: BF141906.D  
Acq: 10 Mar 2025 15:53

Tgt Ion:276 Resp: 855812  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.3  | 18.7  | 28.1  |
| 138 | 18.7  | 15.8  | 23.8  |

