

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082025\  
 Data File : BF143485.D  
 Acq On : 20 Aug 2025 15:16  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF082025

Quant Time: Aug 20 16:24:07 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 20 15:07:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.928  | 152  | 147483   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.210  | 136  | 560799   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.969  | 164  | 307376   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.457 | 188  | 481864   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.098 | 240  | 290808   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.598 | 264  | 304631   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 673963   | 79.796 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.563  | 99   | 826142   | 79.236 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.492  | 82   | 774657   | 80.608 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.757 | 330  | 231053   | 80.753 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.286  | 172  | 1418903  | 76.290 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 1278285  | 76.705 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.740  | 88   | 153305   | 39.182 | ng    | 99       |
| 3) Pyridine                   | 3.516  | 79   | 420783   | 40.378 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.457  | 42   | 191147   | 40.802 | ng    | 96       |
| 6) Aniline                    | 6.592  | 93   | 563974   | 40.468 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.716  | 128  | 375251   | 40.225 | ng    | 99       |
| 9) Benzaldehyde               | 6.481  | 77   | 357456   | 42.346 | ng    | 100      |
| 10) Phenol                    | 6.581  | 94   | 487495   | 40.587 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.657  | 93   | 359124   | 40.011 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.869  | 146  | 416344   | 39.721 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.945  | 146  | 414739   | 39.445 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.098  | 146  | 395851   | 39.765 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.069  | 79   | 321497   | 41.185 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198  | 45   | 574948   | 40.039 | ng    | 99       |
| 17) 2-Methylphenol            | 7.181  | 107  | 304639   | 40.687 | ng    | 96       |
| 18) Hexachloroethane          | 7.439  | 117  | 145111   | 40.592 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.339  | 70   | 252025   | 39.547 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.334  | 107  | 362521   | 40.559 | ng    | 99       |
| 22) Acetophenone              | 7.334  | 105  | 472388   | 38.990 | ng    | 99       |
| 24) Nitrobenzene              | 7.510  | 77   | 401365   | 40.579 | ng    | 99       |
| 25) Isophorone                | 7.751  | 82   | 710700   | 40.343 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.828  | 139  | 202267   | 41.747 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.863  | 122  | 299505   | 39.655 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.951  | 93   | 435322   | 40.210 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.069  | 162  | 324407   | 40.217 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.151  | 180  | 326797   | 39.404 | ng    | 99       |
| 31) Naphthalene               | 8.233  | 128  | 1050936  | 39.033 | ng    | 100      |
| 32) Benzoic acid              | 7.986  | 122  | 174224   | 41.489 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.281  | 127  | 384473   | 40.234 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.351  | 225  | 213848   | 39.523 | ng    | 99       |
| 35) Caprolactam               | 8.651  | 113  | 86788    | 44.838 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.763  | 107  | 327951   | 40.569 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.922  | 142  | 699087   | 38.877 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.022  | 142  | 675310   | 39.260 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.092  | 216  | 341006   | 38.786 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.080  | 237  | 123767   | 39.756 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.204  | 196  | 222378   | 41.105 | ng    | 99       |

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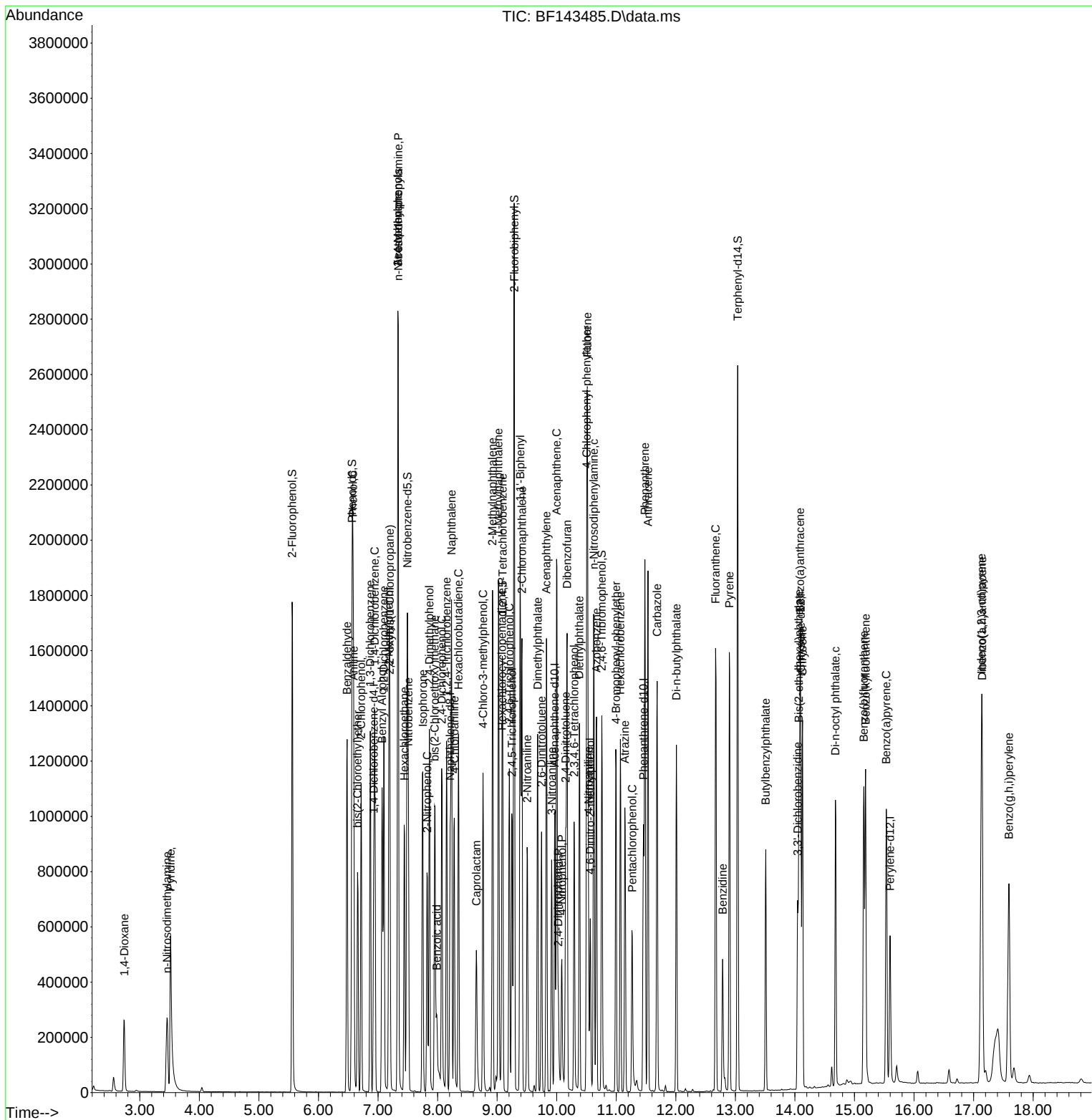
Instrument :  
 BNA\_F  
 ClientSampleId :  
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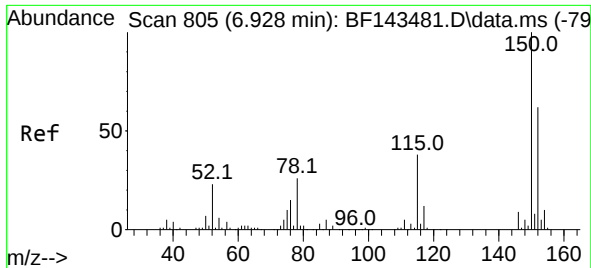
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.251  | 196  | 231521   | 39.178 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.386  | 154  | 850787   | 38.997 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.416  | 162  | 668760   | 39.068 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.504  | 65   | 209716   | 41.861 | ng    | 99       |
| 49) Acenaphthylene            | 9.827  | 152  | 969574   | 39.557 | ng    | 99       |
| 50) Dimethylphthalate         | 9.680  | 163  | 757804   | 40.935 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.745  | 165  | 162905   | 42.459 | ng    | 98       |
| 52) Acenaphthene              | 9.998  | 154  | 664685   | 39.941 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.916  | 138  | 176223   | 42.506 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 10.027 | 184  | 84522    | 43.761 | ng    | 99       |
| 55) Dibenzofuran              | 10.175 | 168  | 925864   | 39.023 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.086 | 139  | 114429   | 46.387 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.151 | 165  | 221231   | 43.183 | ng    | 97       |
| 58) Fluorene                  | 10.516 | 166  | 710368   | 38.901 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.292 | 232  | 187764   | 42.767 | ng    | 100      |
| 60) Diethylphthalate          | 10.380 | 149  | 692256   | 41.708 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204  | 358628   | 39.269 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.533 | 138  | 167278   | 43.927 | ng    | 99       |
| 63) Azobenzene                | 10.669 | 77   | 688082   | 39.982 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.563 | 198  | 119136   | 43.849 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.622 | 169  | 608072   | 39.212 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.998 | 248  | 231727   | 40.305 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.069 | 284  | 245068   | 39.544 | ng    | 98       |
| 69) Atrazine                  | 11.145 | 200  | 174902   | 43.693 | ng    | 99       |
| 70) Pentachlorophenol         | 11.269 | 266  | 124649   | 43.916 | ng    | 99       |
| 71) Phenanthrene              | 11.480 | 178  | 1012486  | 39.237 | ng    | 100      |
| 72) Anthracene                | 11.533 | 178  | 1029696  | 39.390 | ng    | 100      |
| 73) Carbazole                 | 11.686 | 167  | 865651   | 40.413 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.010 | 149  | 869364   | 43.507 | ng    | 99       |
| 75) Fluoranthene              | 12.668 | 202  | 932217   | 40.261 | ng    | 100      |
| 77) Benzidine                 | 12.786 | 184  | 283076   | 39.962 | ng    | 99       |
| 78) Pyrene                    | 12.898 | 202  | 930449   | 38.897 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.510 | 149  | 271515   | 41.549 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.086 | 228  | 763549   | 40.783 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.045 | 252  | 208975   | 38.975 | ng    | 99       |
| 83) Chrysene                  | 14.127 | 228  | 651325   | 38.711 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 388068   | 38.990 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 700201   | 37.975 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.133 | 276  | 859881   | 39.281 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.157 | 252  | 667733   | 39.433 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.186 | 252  | 664593   | 40.992 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.533 | 252  | 631989   | 40.208 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.145 | 278  | 690364   | 39.378 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.592 | 276  | 697169   | 39.992 | ng    | 100      |

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

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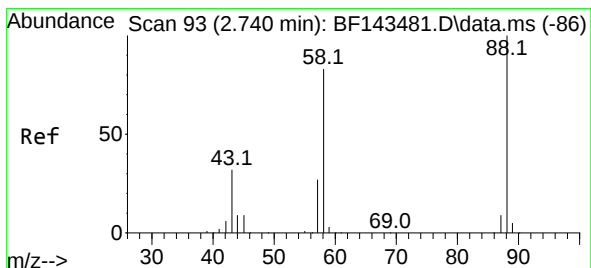
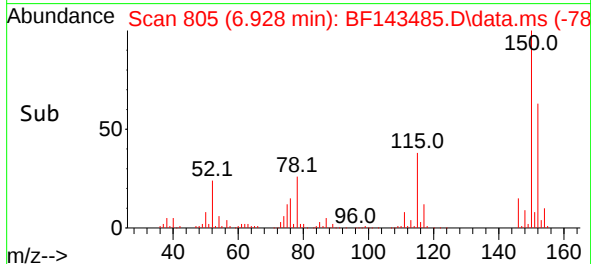
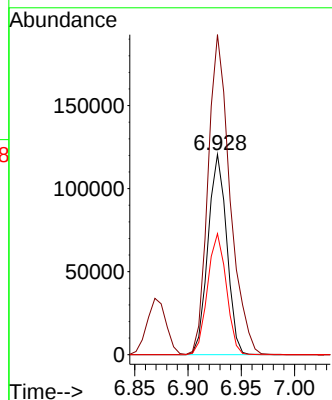
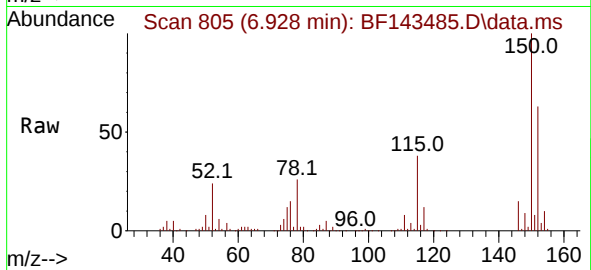




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.928 min Scan# 805  
 Delta R.T. -0.000 min  
 Lab File: BF143485.D  
 Acq: 20 Aug 2025 15:16

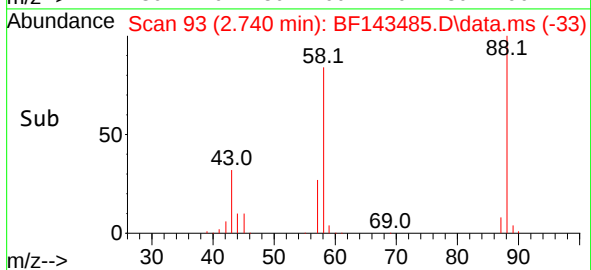
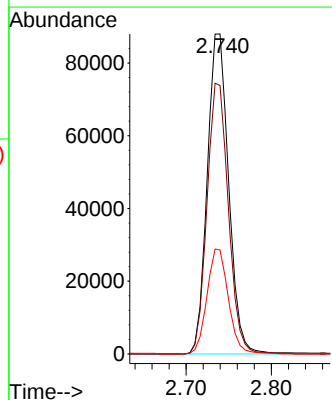
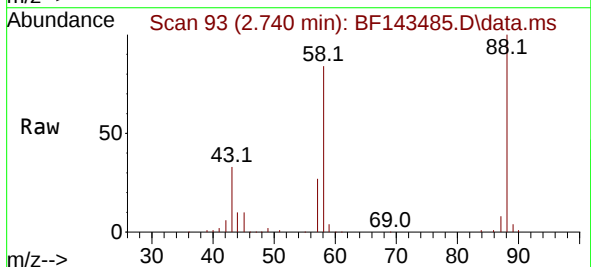
Instrument :  
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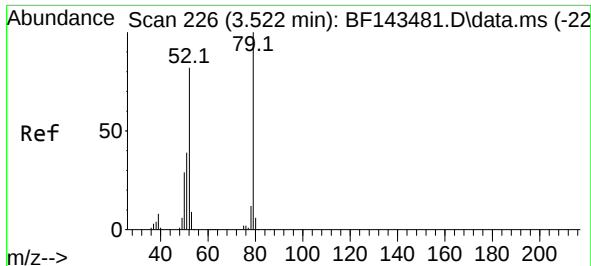
Tgt Ion:152 Resp: 147483  
 Ion Ratio Lower Upper  
 152 100  
 150 159.8 128.9 193.3  
 115 60.4 49.2 73.8



#2  
 1,4-Dioxane  
 Concen: 39.182 ng  
 RT: 2.740 min Scan# 93  
 Delta R.T. 0.006 min  
 Lab File: BF143485.D  
 Acq: 20 Aug 2025 15:16

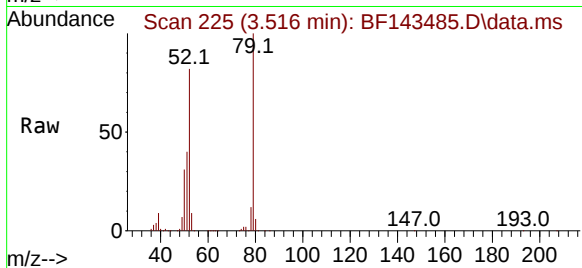
Tgt Ion: 88 Resp: 153305  
 Ion Ratio Lower Upper  
 88 100  
 58 84.6 66.7 100.1  
 43 32.8 25.8 38.8



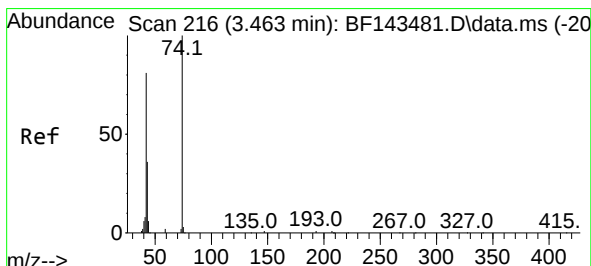
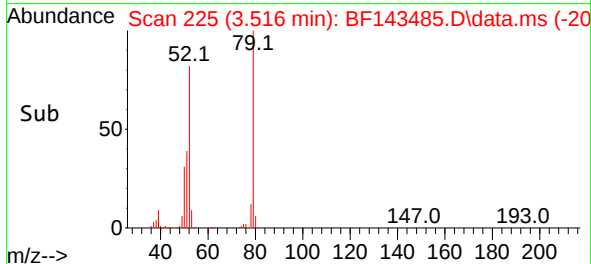
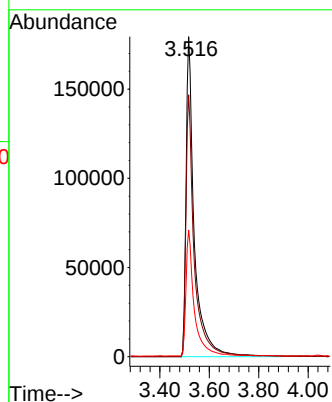


#3  
Pyridine  
Concen: 40.378 ng  
RT: 3.516 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
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BNA\_F  
ClientSampleId :  
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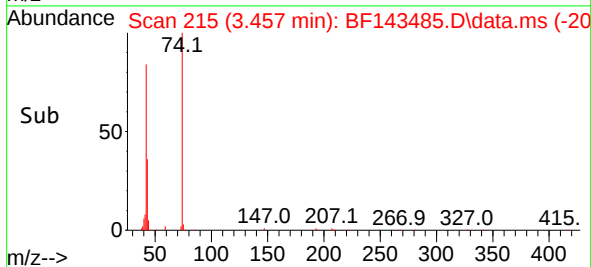
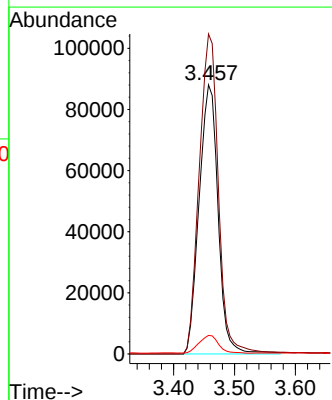
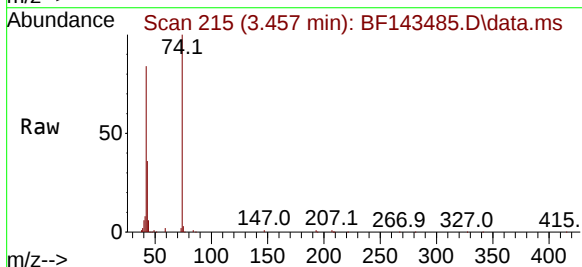


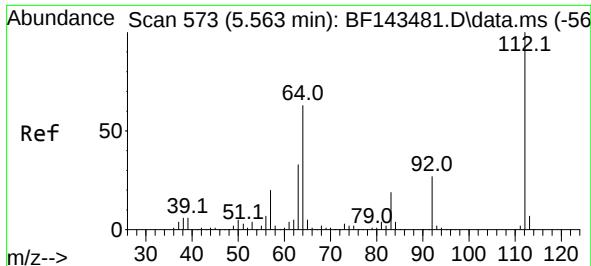
Tgt Ion: 79 Resp: 420783  
Ion Ratio Lower Upper  
79 100  
52 81.9 65.6 98.4  
51 39.6 31.2 46.8



#4  
n-Nitrosodimethylamine  
Concen: 40.802 ng  
RT: 3.457 min Scan# 215  
Delta R.T. -0.018 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion: 42 Resp: 191147  
Ion Ratio Lower Upper  
42 100  
74 118.9 98.6 148.0  
44 6.9 5.8 8.8

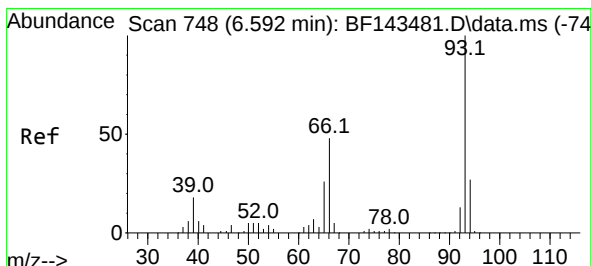
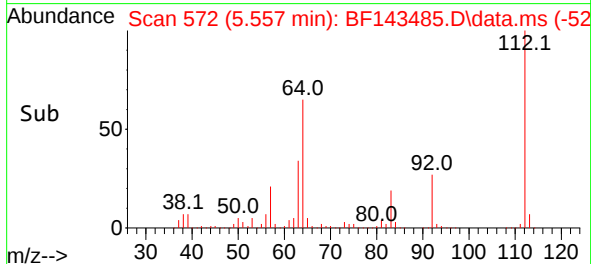
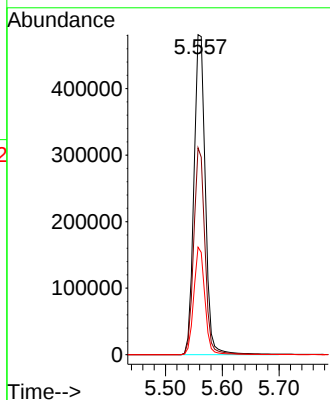
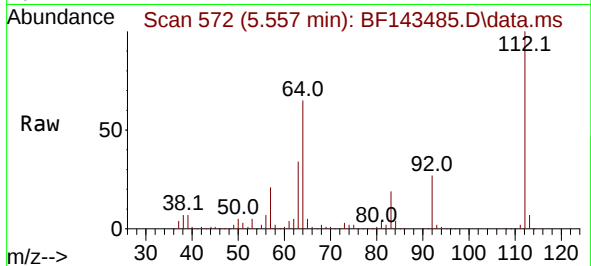




#5  
2-Fluorophenol  
Concen: 79.796 ng  
RT: 5.557 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

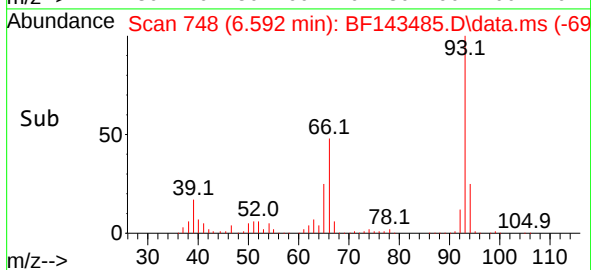
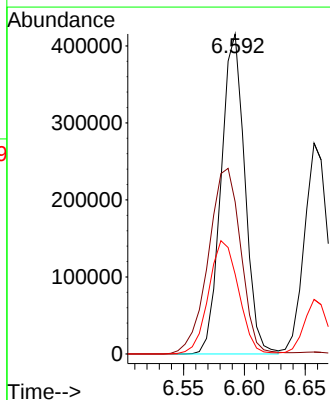
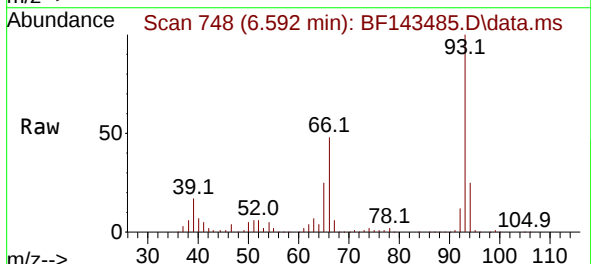
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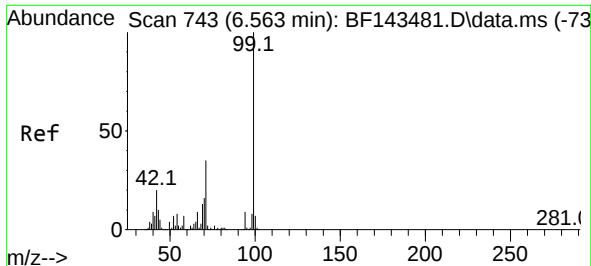
Tgt Ion:112 Resp: 673963  
Ion Ratio Lower Upper  
112 100  
64 64.6 50.4 75.6  
63 33.6 26.4 39.6



#6  
Aniline  
Concen: 40.468 ng  
RT: 6.592 min Scan# 748  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion: 93 Resp: 563974  
Ion Ratio Lower Upper  
93 100  
66 47.5 38.9 58.3  
65 24.9 20.6 30.8





#7

Phenol-d6

Concen: 79.236 ng

RT: 6.563 min Scan# 743

Delta R.T. -0.012 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

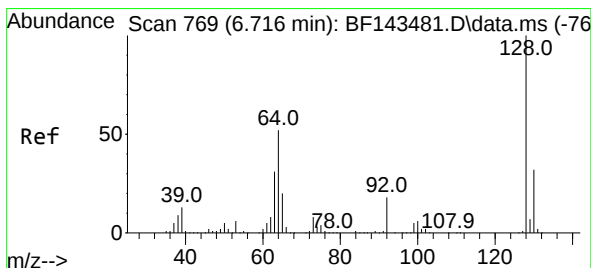
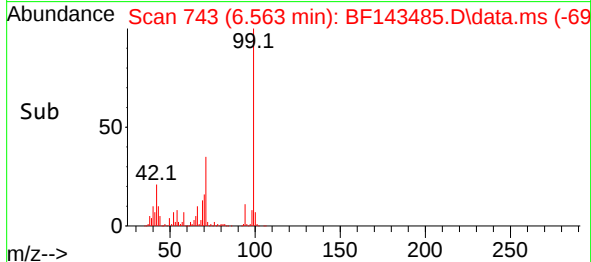
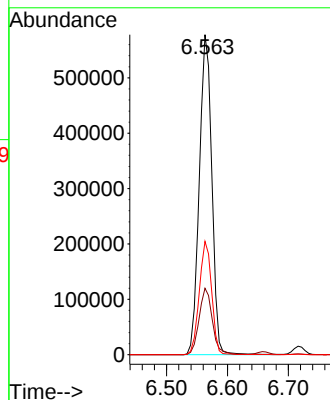
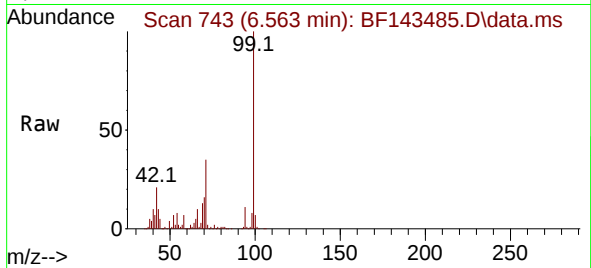
Tgt Ion: 99 Resp: 826142

Ion Ratio Lower Upper

99 100

42 20.8 16.3 24.5

71 35.4 28.2 42.2



#8

2-Chlorophenol

Concen: 40.225 ng

RT: 6.716 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

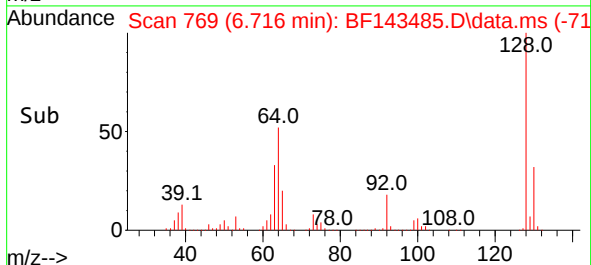
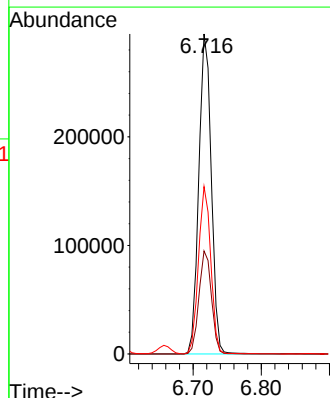
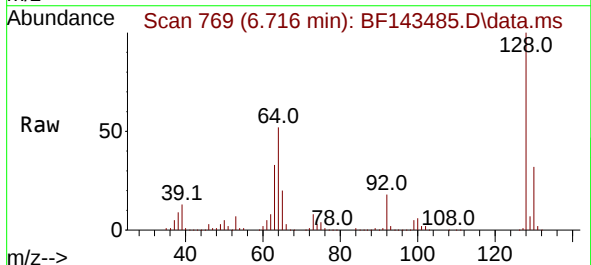
Tgt Ion: 128 Resp: 375251

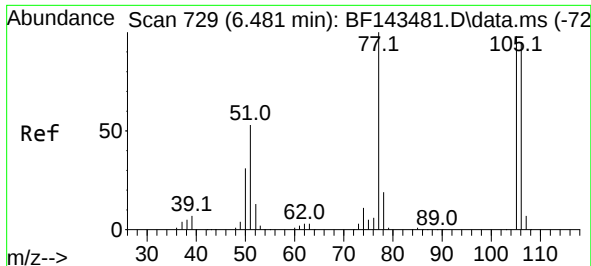
Ion Ratio Lower Upper

128 100

130 32.2 12.4 52.4

64 52.3 31.6 71.6

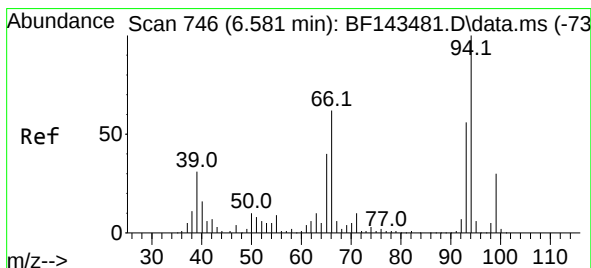
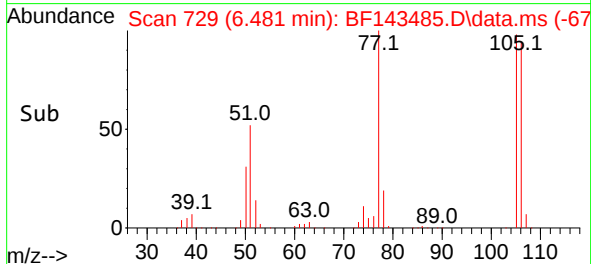
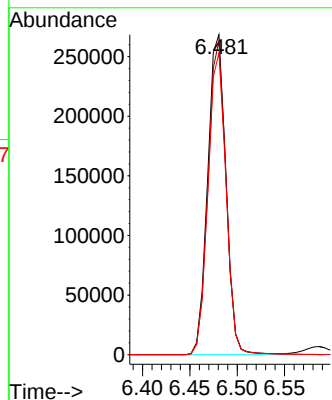
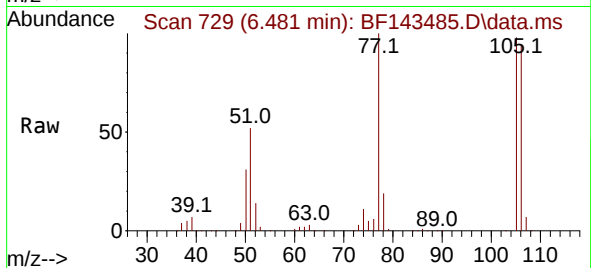




#9  
Benzaldehyde  
Concen: 42.346 ng  
RT: 6.481 min Scan# 729  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

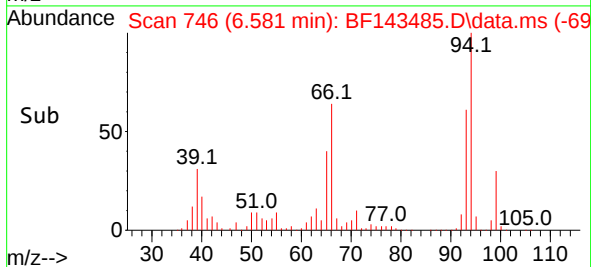
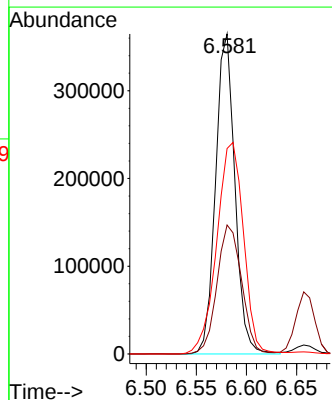
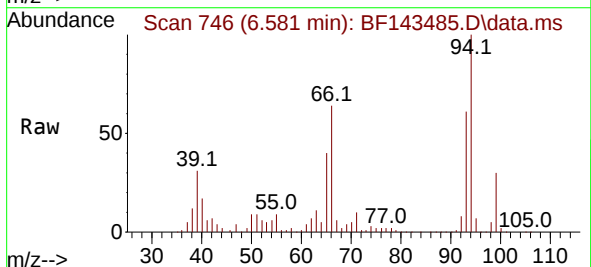
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

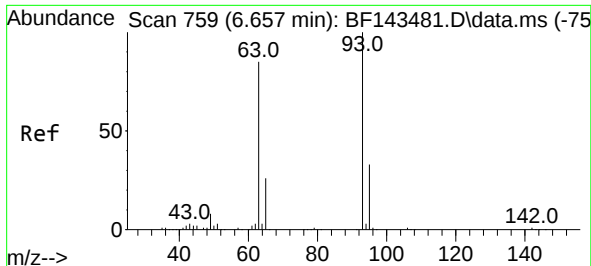
Tgt Ion: 77 Resp: 357456  
Ion Ratio Lower Upper  
77 100  
105 97.9 78.1 118.1  
106 94.3 74.9 114.9



#10  
Phenol  
Concen: 40.587 ng  
RT: 6.581 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion: 94 Resp: 487495  
Ion Ratio Lower Upper  
94 100  
65 40.3 19.5 59.5  
66 64.2 42.5 82.5

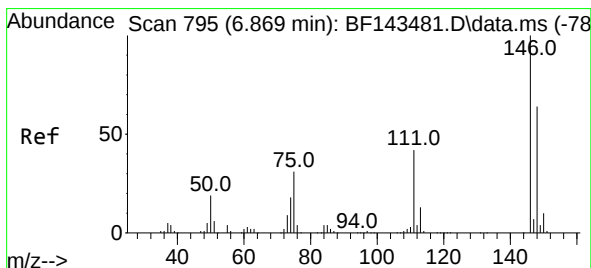
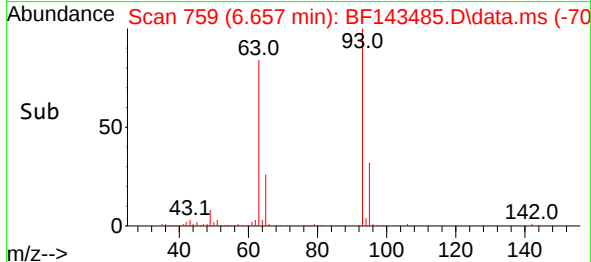
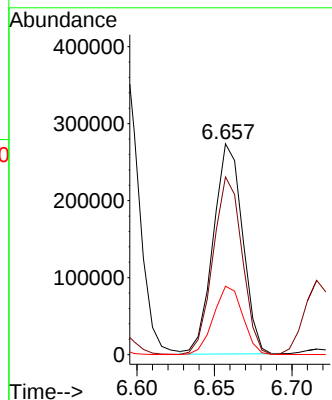
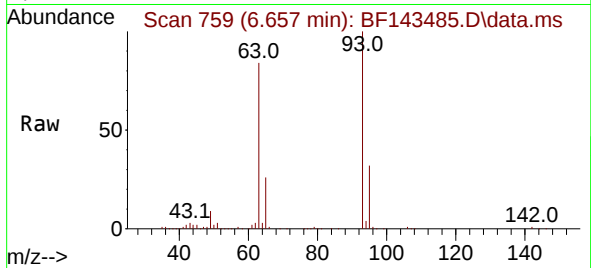




#11  
bis(2-Chloroethyl)ether  
Concen: 40.011 ng  
RT: 6.657 min Scan# 759  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

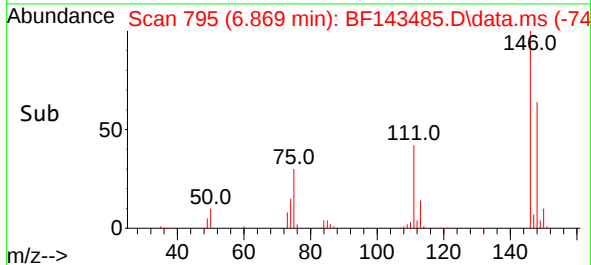
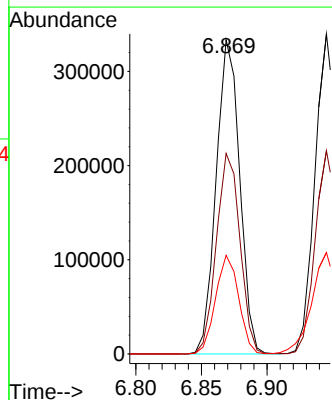
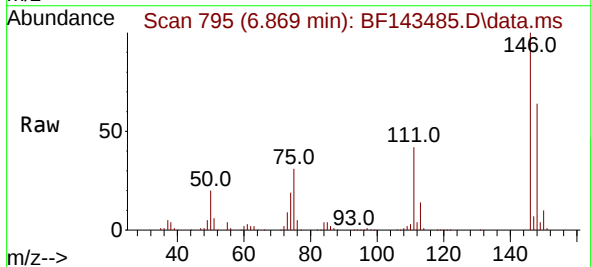
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

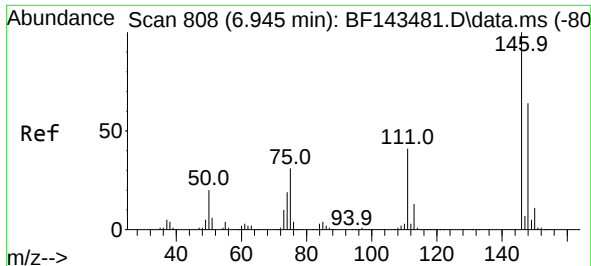
Tgt Ion: 93 Resp: 359124  
Ion Ratio Lower Upper  
93 100  
63 84.4 63.6 103.6  
95 32.5 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 39.721 ng  
RT: 6.869 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:146 Resp: 416344  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.3 76.9  
75 31.4 24.7 37.1

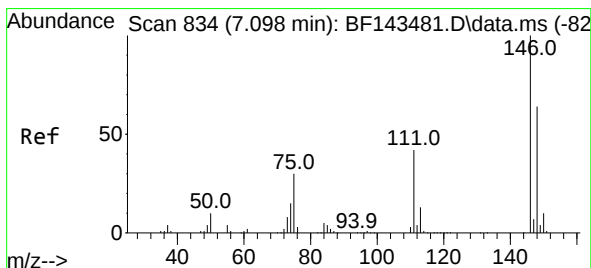
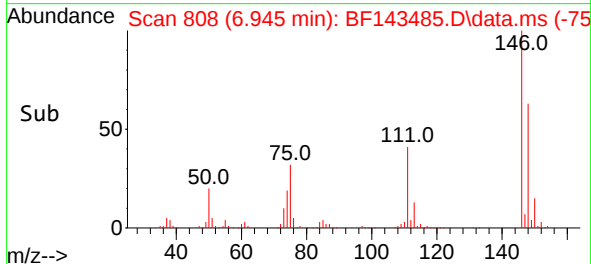
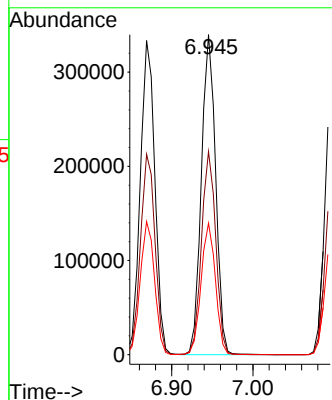
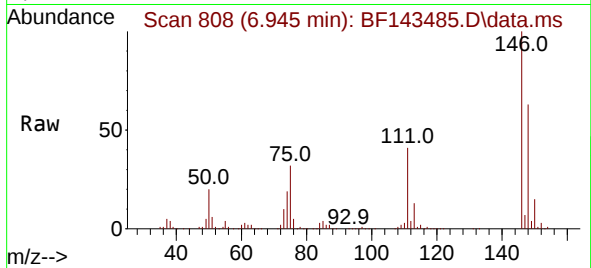




#13  
1,4-Dichlorobenzene  
Concen: 39.445 ng  
RT: 6.945 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

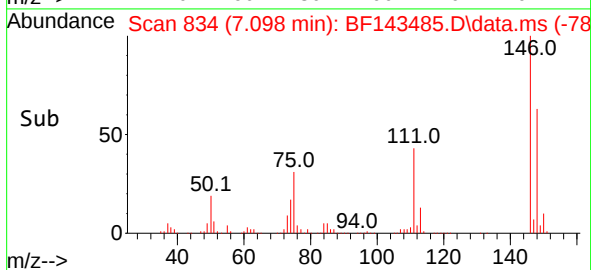
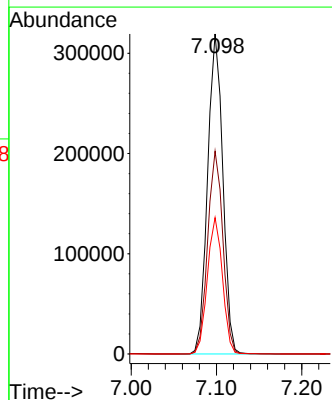
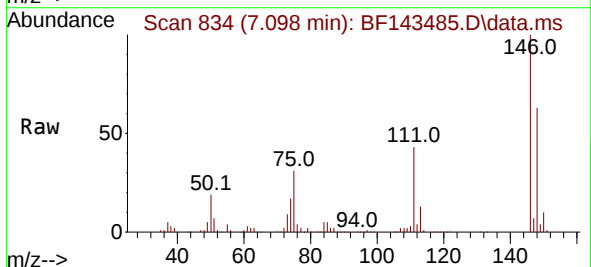
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

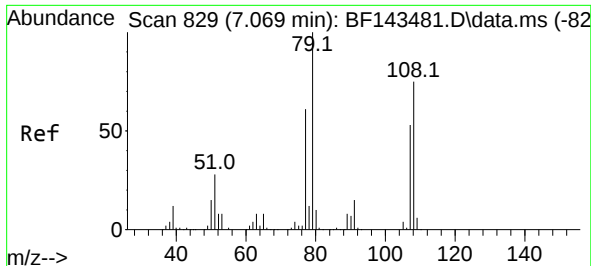
Tgt Ion:146 Resp: 414739  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.5 77.3  
111 41.1 32.6 49.0



#14  
1,2-Dichlorobenzene  
Concen: 39.765 ng  
RT: 7.098 min Scan# 834  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:146 Resp: 395851  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.0 76.6  
111 42.6 34.0 51.0

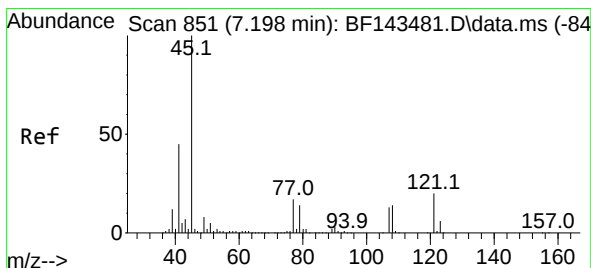
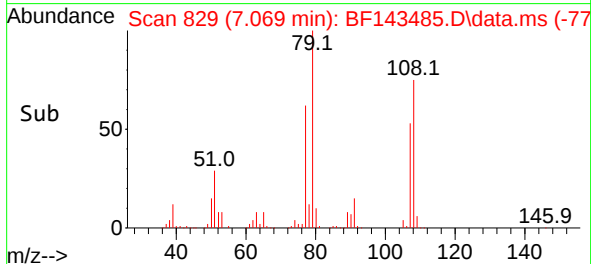
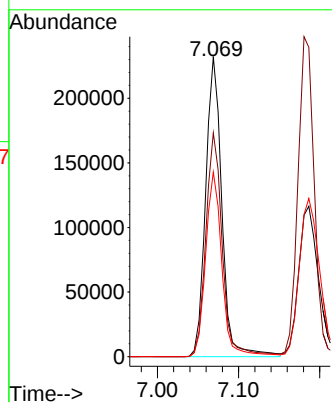
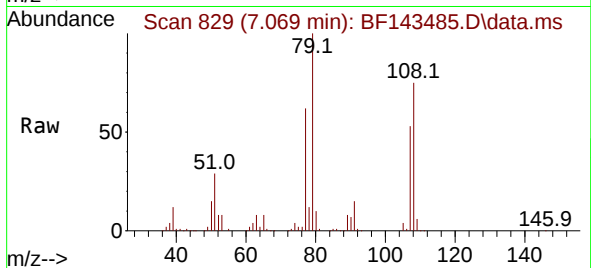




#15  
Benzyl Alcohol  
Concen: 41.185 ng  
RT: 7.069 min Scan# 829  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

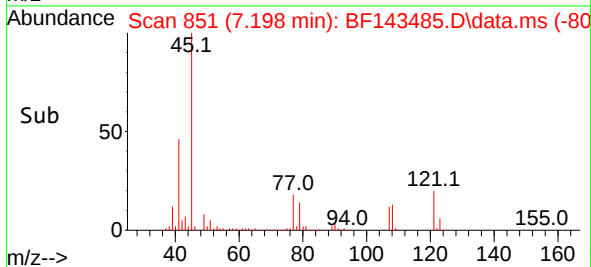
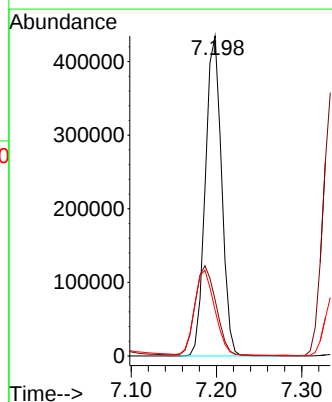
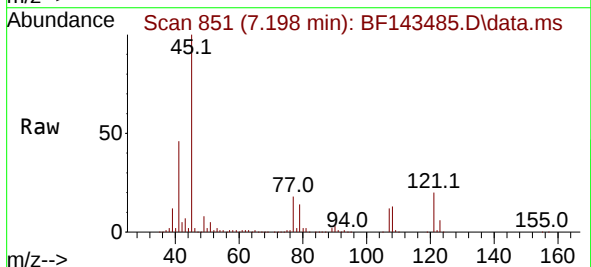
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

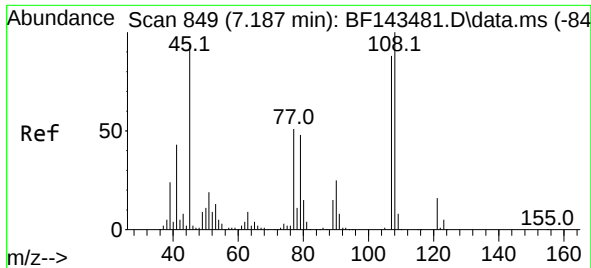
Tgt Ion: 79 Resp: 321497  
Ion Ratio Lower Upper  
79 100  
108 74.6 59.8 89.6  
77 61.6 49.0 73.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.039 ng  
RT: 7.198 min Scan# 851  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion: 45 Resp: 574948  
Ion Ratio Lower Upper  
45 100  
77 17.6 0.0 37.9  
79 14.3 0.0 34.7

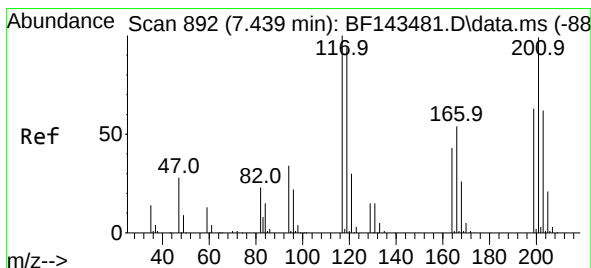
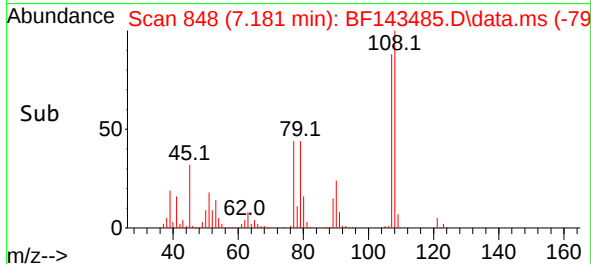
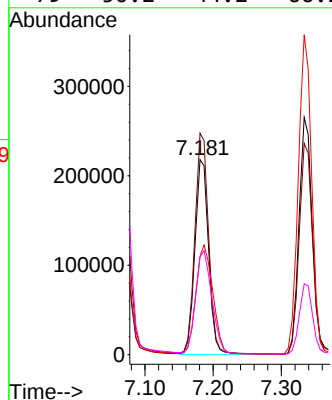
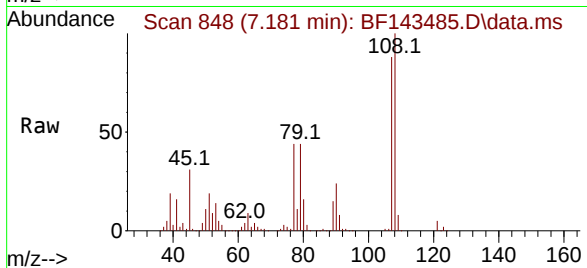




#17  
2-Methylphenol  
Concen: 40.687 ng  
RT: 7.181 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

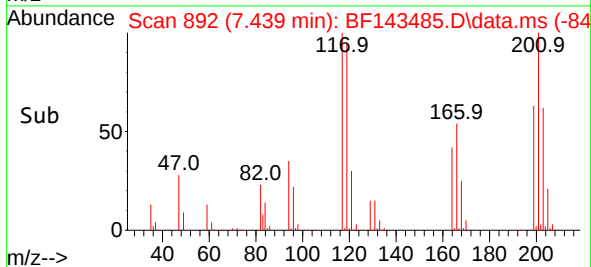
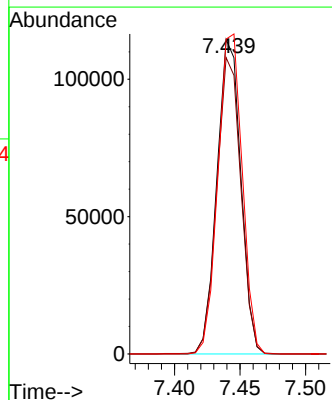
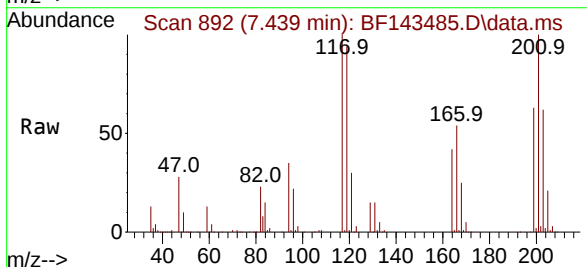
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

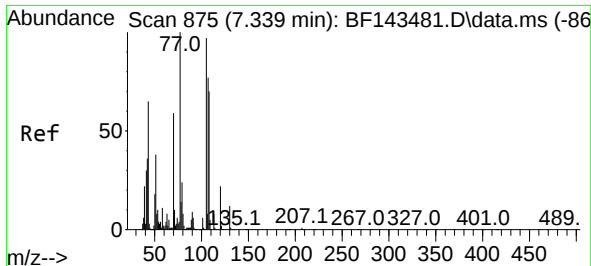
|             |              |
|-------------|--------------|
| Tgt Ion:107 | Resp: 304639 |
| Ion Ratio   | Lower Upper  |
| 107 100     |              |
| 108 113.6   | 91.1 136.7   |
| 77 50.5     | 46.2 69.4    |
| 79 50.2     | 44.2 66.2    |



#18  
Hexachloroethane  
Concen: 40.592 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:117 | Resp: | 145111 |       |
| Ion         | Ratio | Lower  | Upper |
| 117         | 100   |        |       |
| 119         | 94.2  | 75.4   | 113.0 |
| 201         | 100.1 | 79.0   | 118.4 |

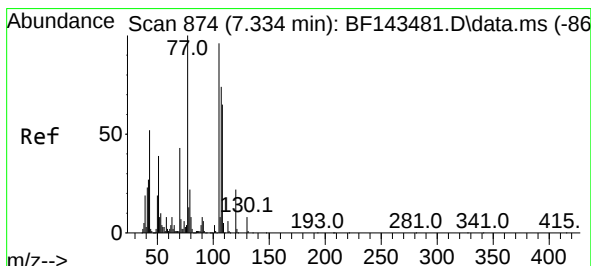
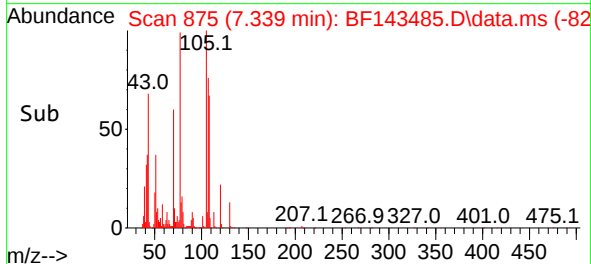
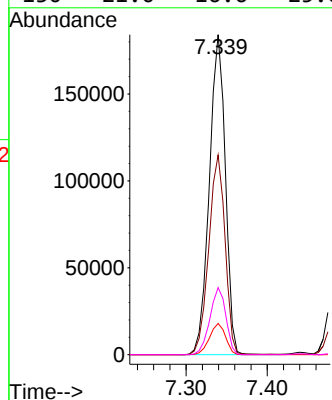
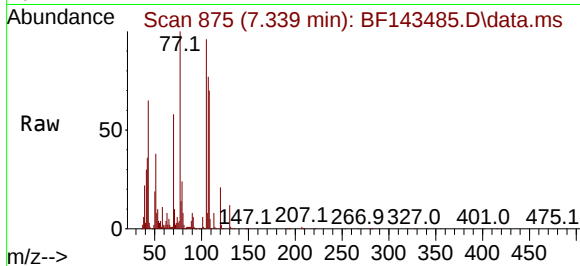




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.547 ng  
RT: 7.339 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

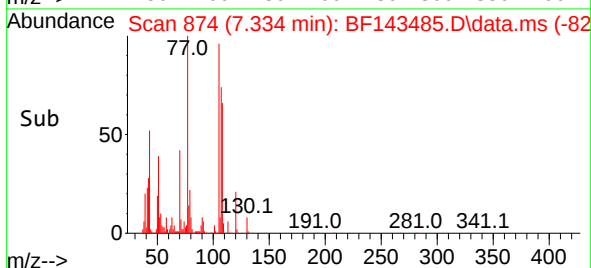
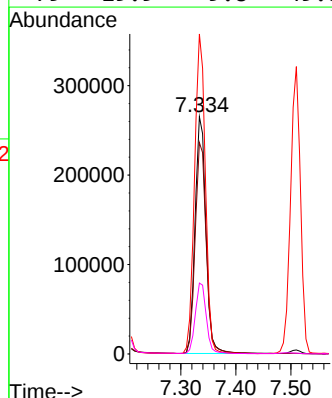
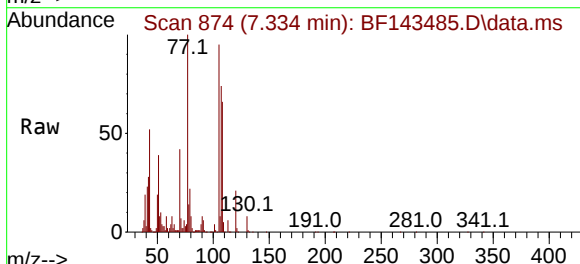
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

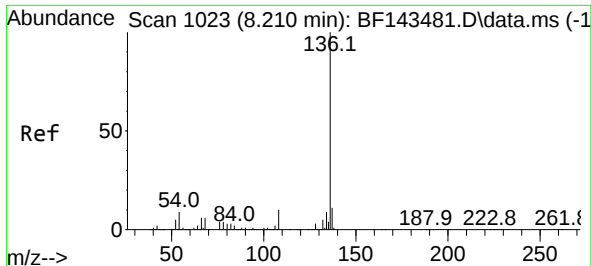
Tgt Ion: 70 Resp: 252025  
Ion Ratio Lower Upper  
70 100  
42 62.4 49.3 73.9  
101 9.8 7.8 11.8  
130 21.0 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 40.559 ng  
RT: 7.334 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion: 107 Resp: 362521  
Ion Ratio Lower Upper  
107 100  
108 89.0 68.4 108.4  
77 134.8 116.1 156.1  
79 29.9 9.8 49.8



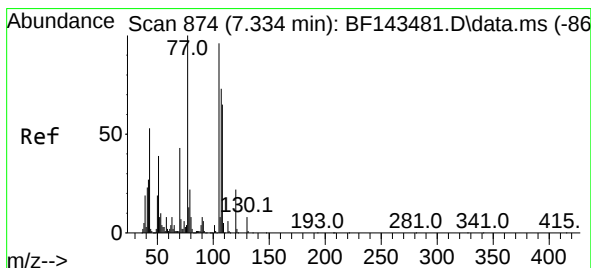
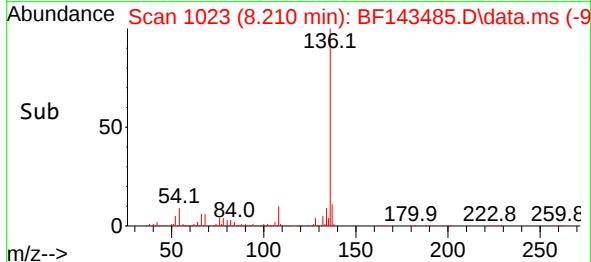
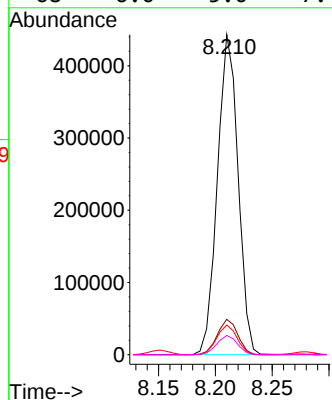
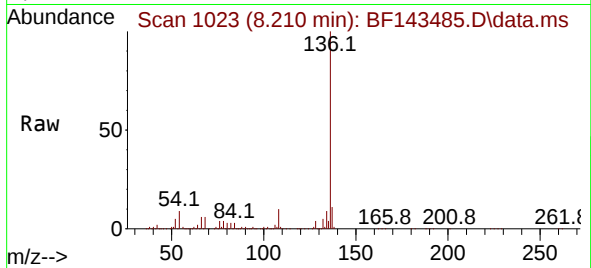


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.210 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

Tgt Ion:136 Resp: 560799

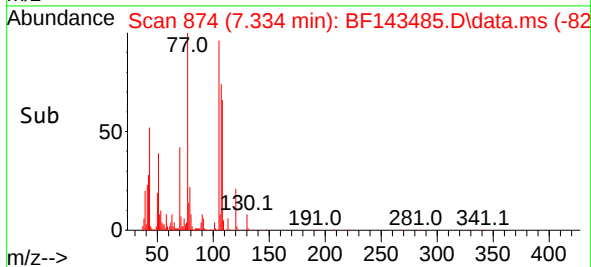
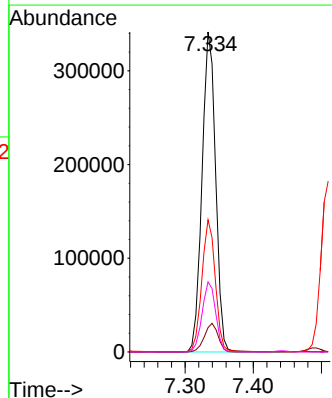
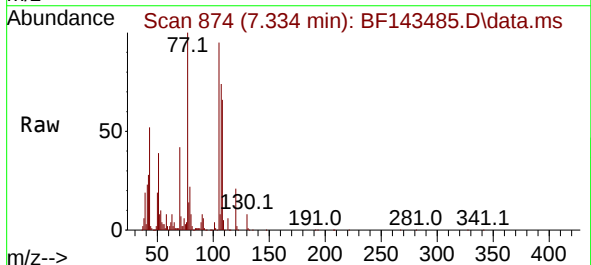
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.0   | 13.4  |
| 54  | 9.3   | 7.4   | 11.2  |
| 68  | 6.0   | 5.0   | 7.4   |

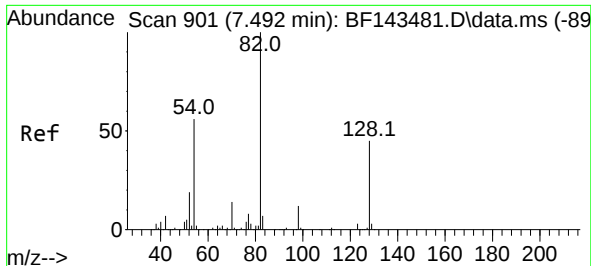


#22  
Acetophenone  
Concen: 38.990 ng  
RT: 7.334 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:105 Resp: 472388

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.6   | 5.9   | 8.9   |
| 51  | 41.3  | 32.5  | 48.7  |
| 120 | 21.9  | 18.0  | 27.0  |

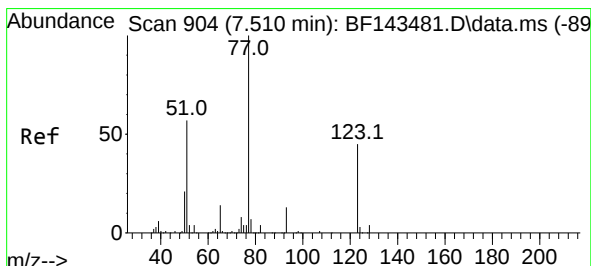
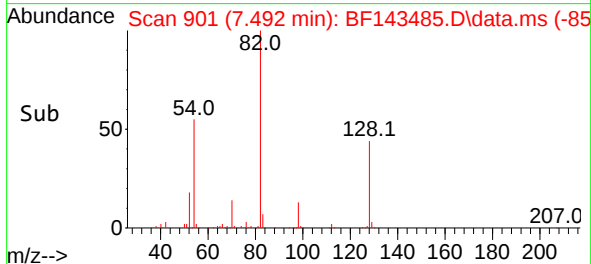
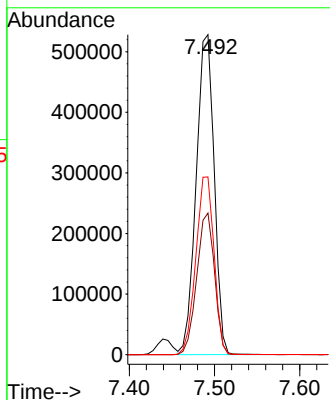
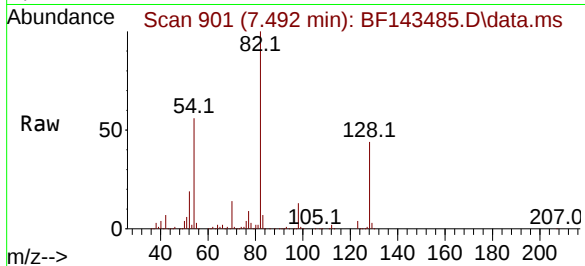




#23  
Nitrobenzene-d5  
Concen: 80.608 ng  
RT: 7.492 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

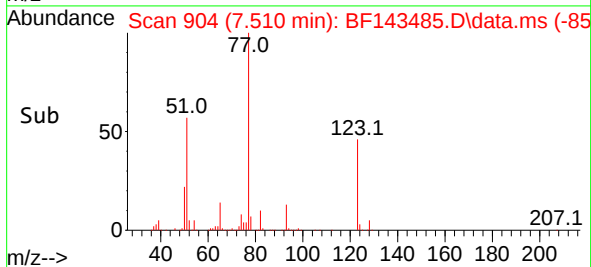
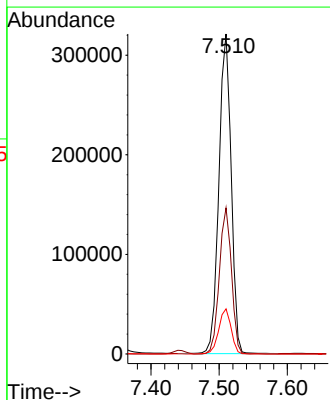
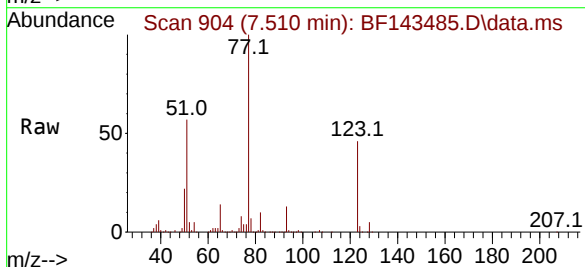
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

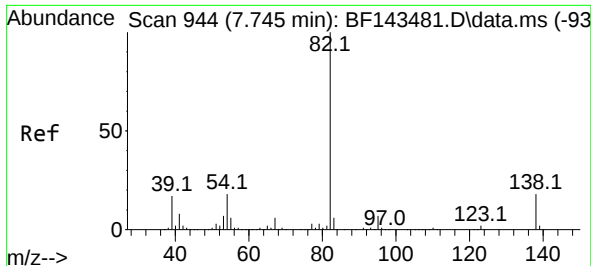
Tgt Ion: 82 Resp: 774657  
Ion Ratio Lower Upper  
82 100  
128 44.3 35.5 53.3  
54 55.6 44.3 66.5



#24  
Nitrobenzene  
Concen: 40.579 ng  
RT: 7.510 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion: 77 Resp: 401365  
Ion Ratio Lower Upper  
77 100  
123 45.7 36.1 54.1  
65 14.1 11.0 16.6

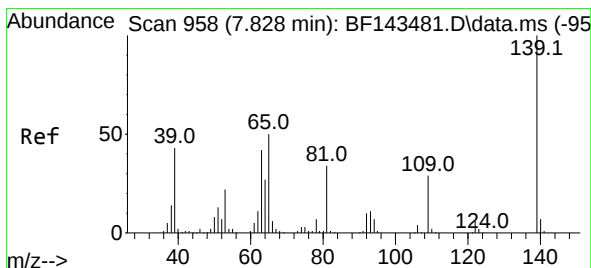
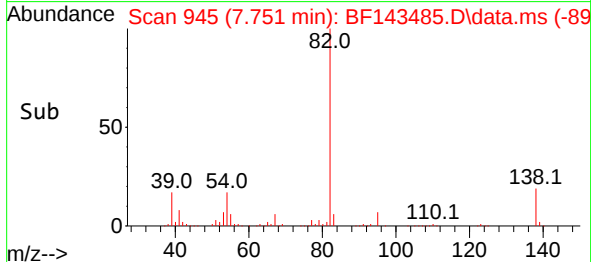
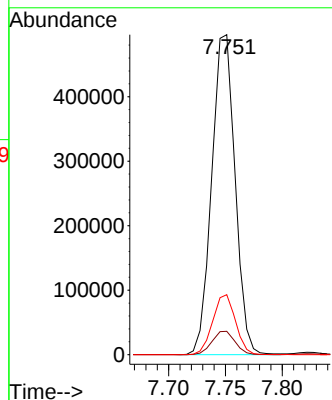
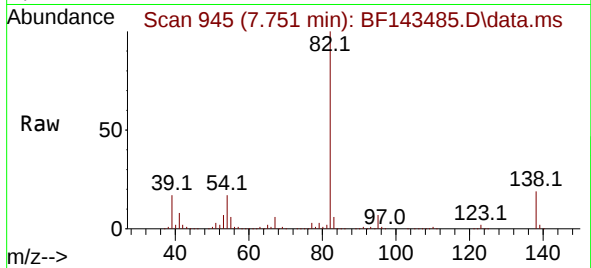




#25  
Isophorone  
Concen: 40.343 ng  
RT: 7.751 min Scan# 944  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

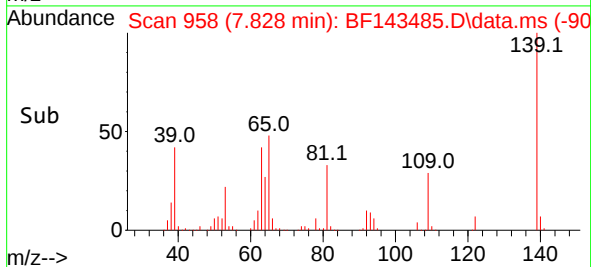
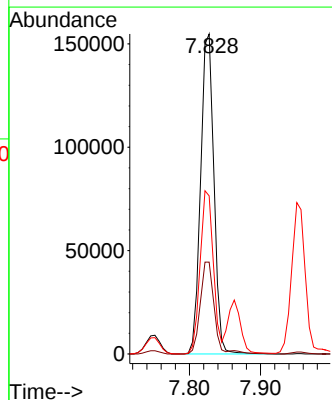
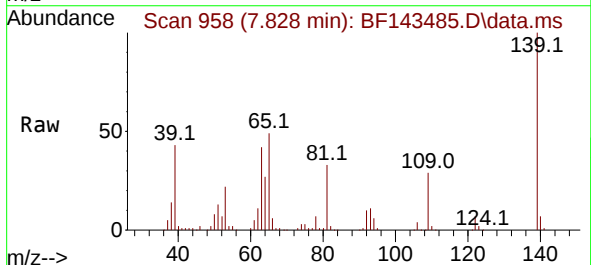
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

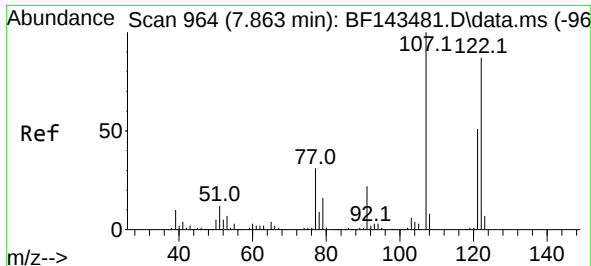
Tgt Ion: 82 Resp: 710700  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 18.8 14.2 21.4



#26  
2-Nitrophenol  
Concen: 41.747 ng  
RT: 7.828 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:139 Resp: 202267  
Ion Ratio Lower Upper  
139 100  
109 28.7 23.0 34.6  
65 49.4 40.3 60.5

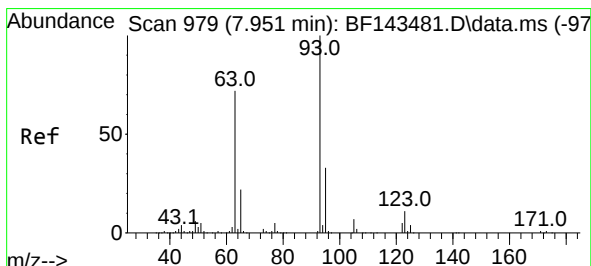
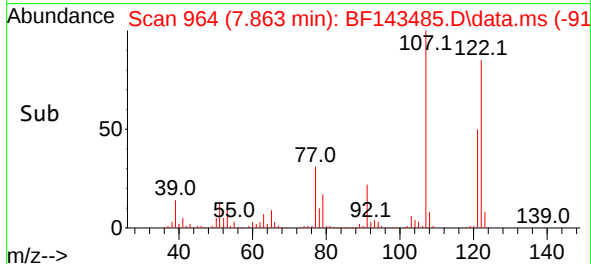
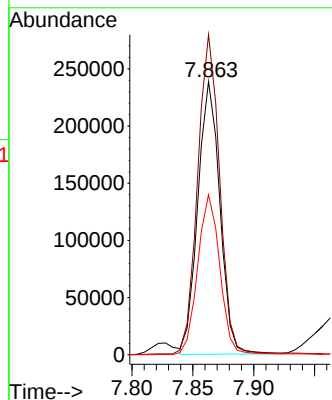
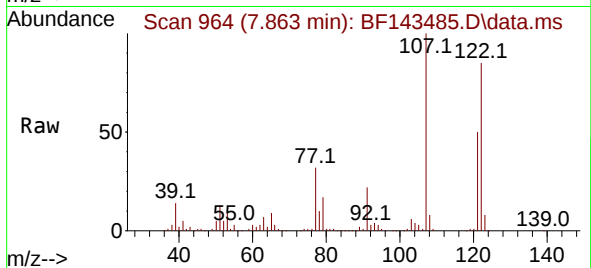




#27  
2,4-Dimethylphenol  
Concen: 39.655 ng  
RT: 7.863 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

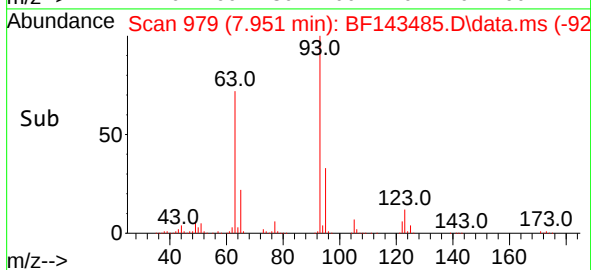
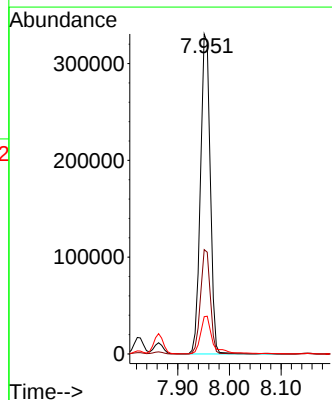
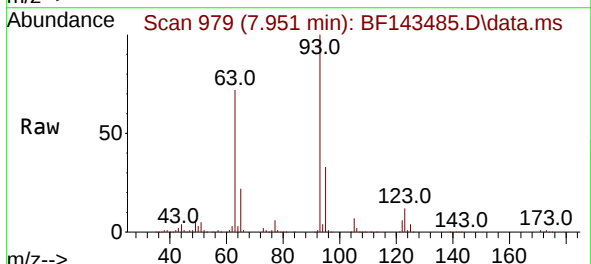
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

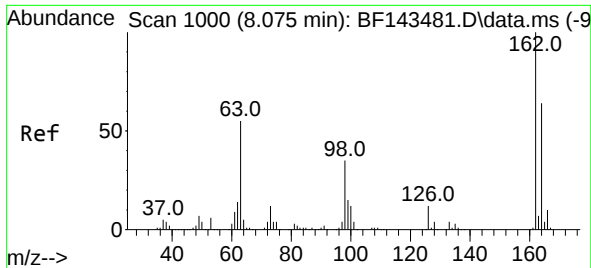
Tgt Ion:122 Resp: 299505  
Ion Ratio Lower Upper  
122 100  
107 117.1 91.5 137.3  
121 58.6 47.0 70.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.210 ng  
RT: 7.951 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion: 93 Resp: 435322  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.0 39.0  
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.217 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

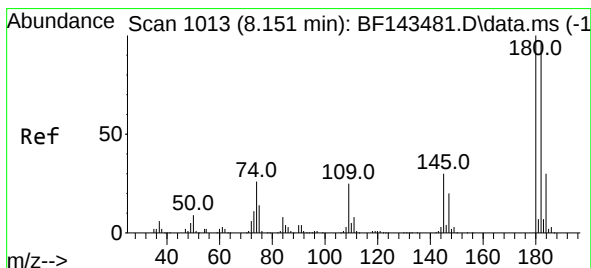
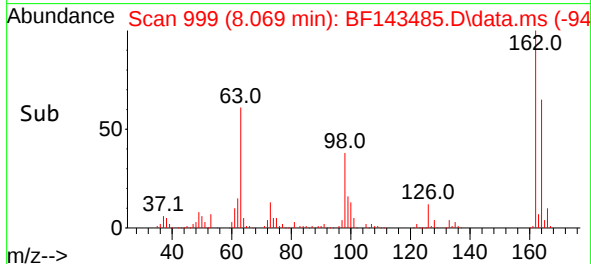
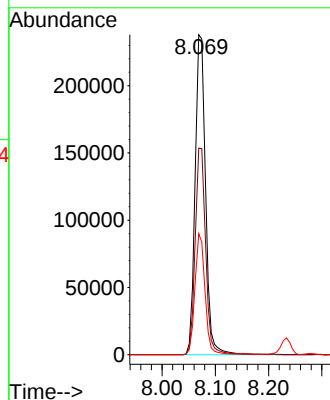
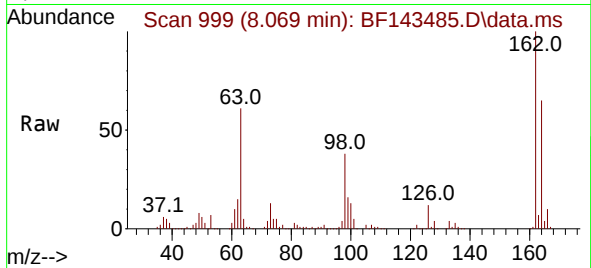
Tgt Ion:162 Resp: 324407

Ion Ratio Lower Upper

162 100

164 64.6 43.5 83.5

98 37.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 39.404 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

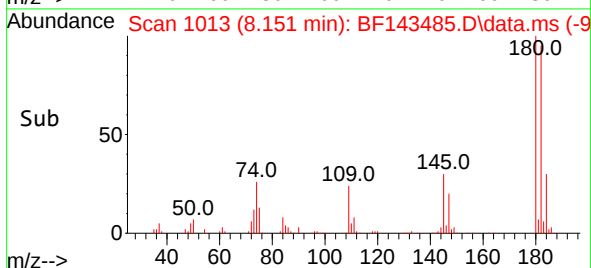
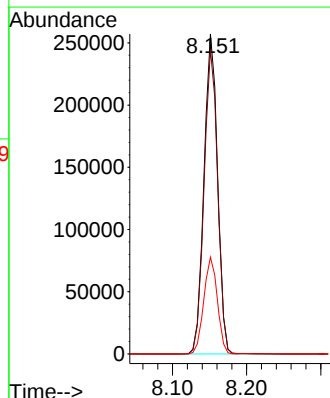
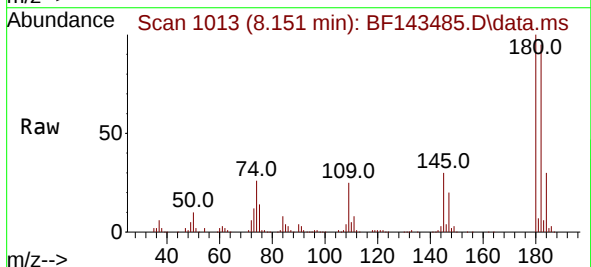
Tgt Ion:180 Resp: 326797

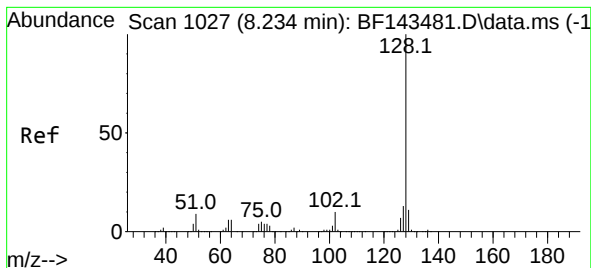
Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

145 30.3 24.3 36.5





#31

Naphthalene

Concen: 39.033 ng

RT: 8.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

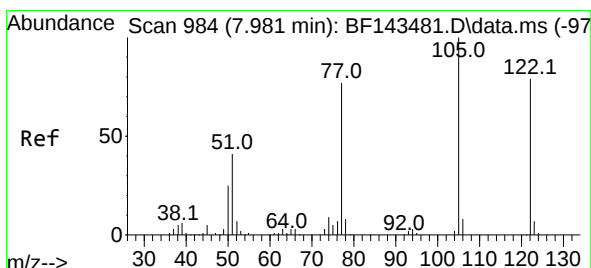
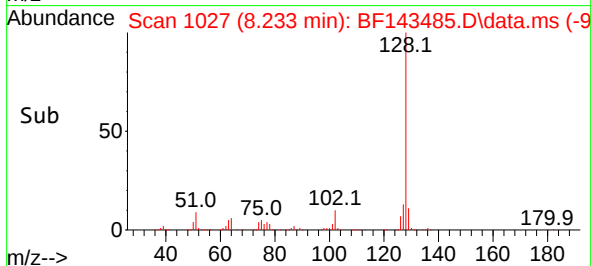
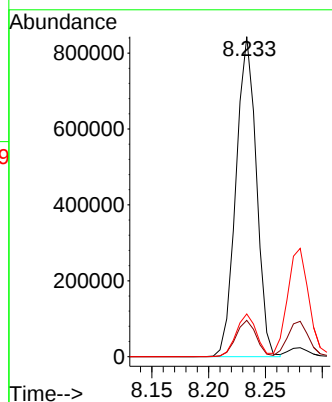
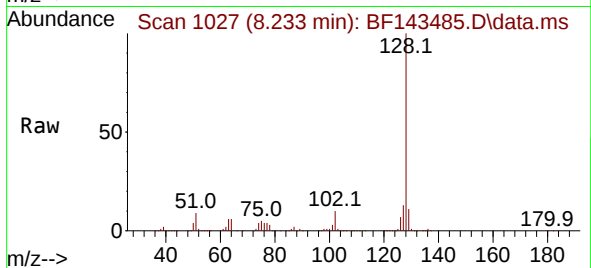
Tgt Ion:128 Resp: 1050936

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 41.489 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.024 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

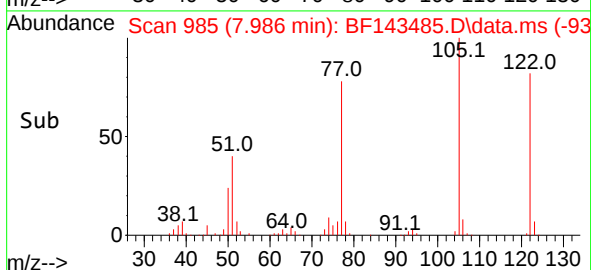
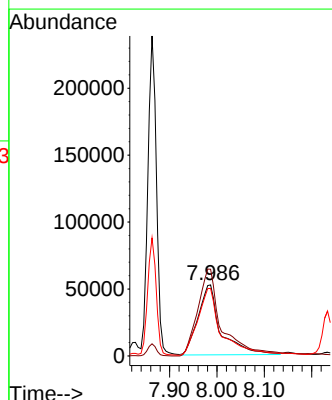
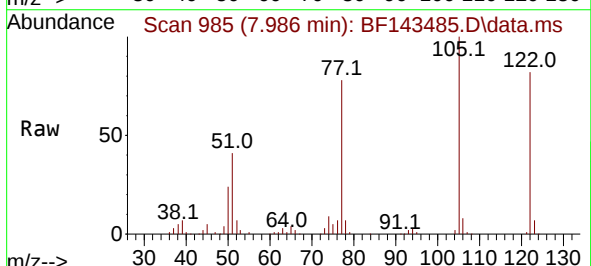
Tgt Ion:122 Resp: 174224

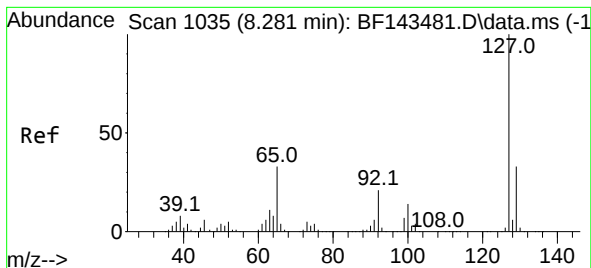
Ion Ratio Lower Upper

122 100

105 122.1 104.7 144.7

77 95.0 77.3 117.3





#33

4-Chloroaniline

Concen: 40.234 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

Tgt Ion:127 Resp: 384473

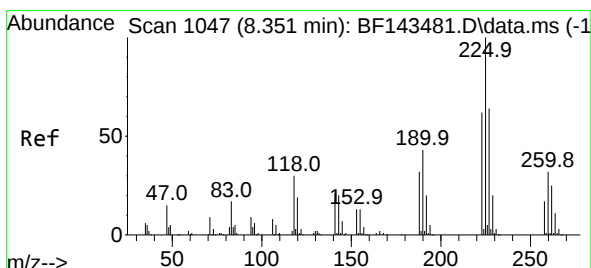
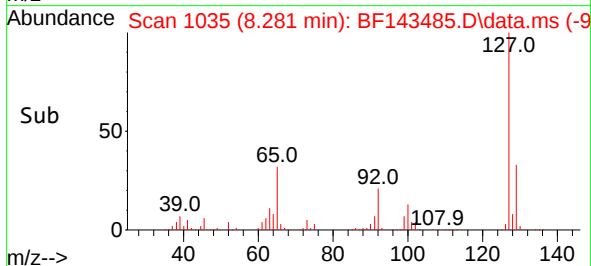
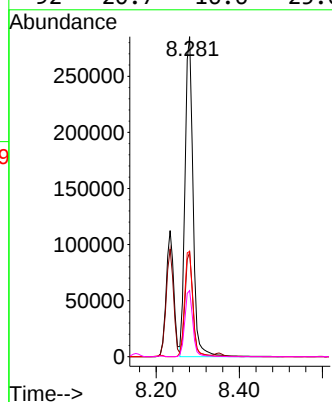
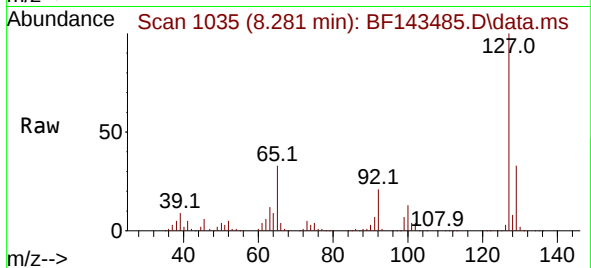
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 32.9 26.2 39.2

92 20.7 16.6 25.0



#34

Hexachlorobutadiene

Concen: 39.523 ng

RT: 8.351 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

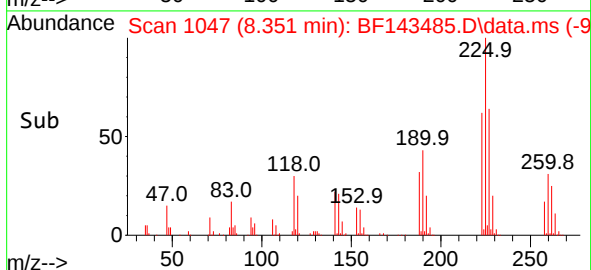
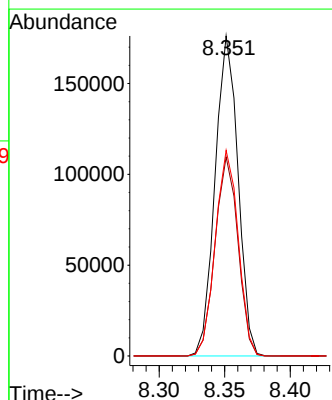
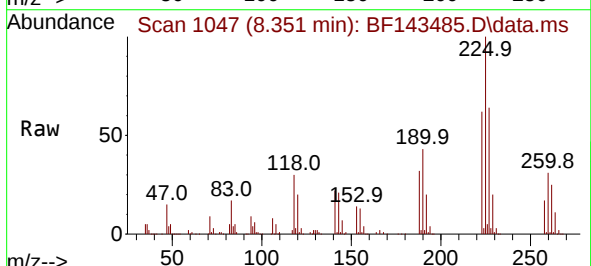
Tgt Ion:225 Resp: 213848

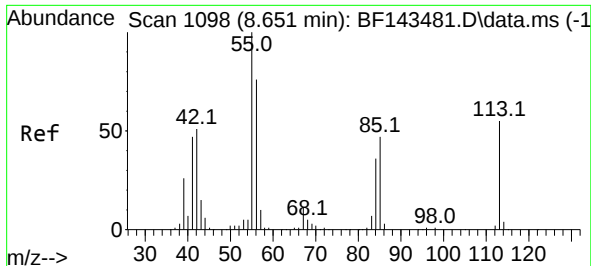
Ion Ratio Lower Upper

225 100

223 62.2 49.9 74.9

227 64.2 50.9 76.3

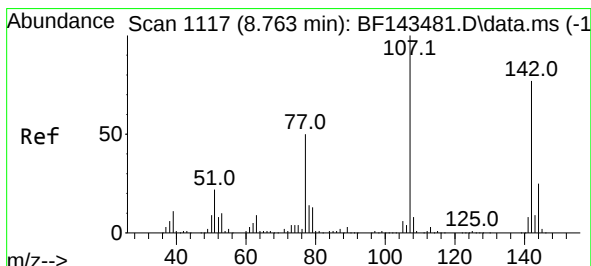
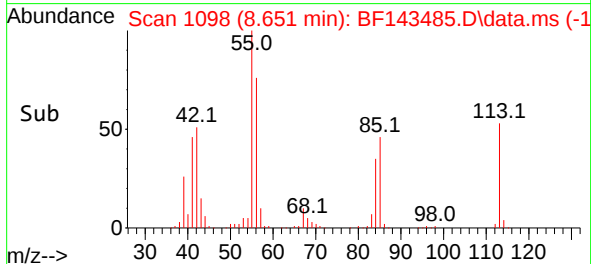
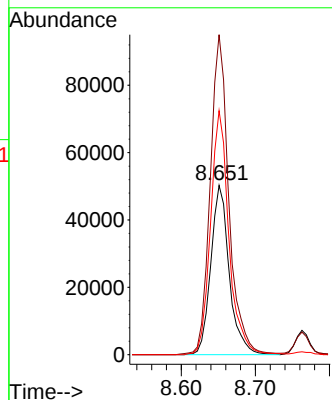
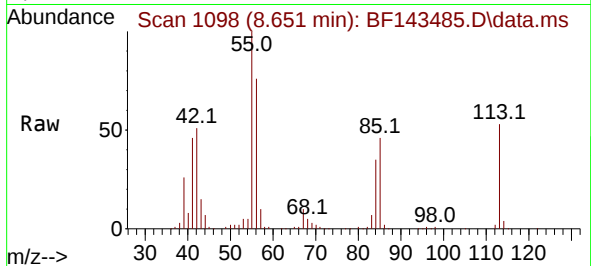




#35  
Caprolactam  
Concen: 44.838 ng  
RT: 8.651 min Scan# 1098  
Delta R.T. -0.024 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

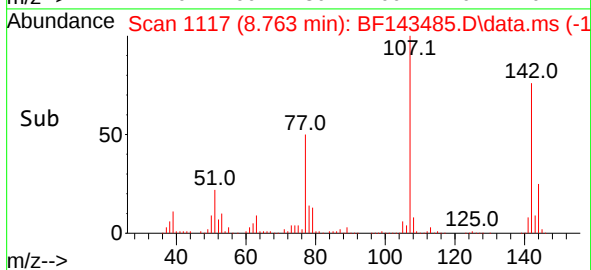
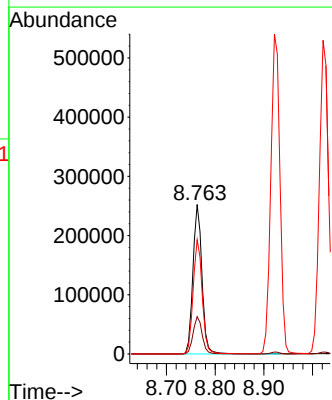
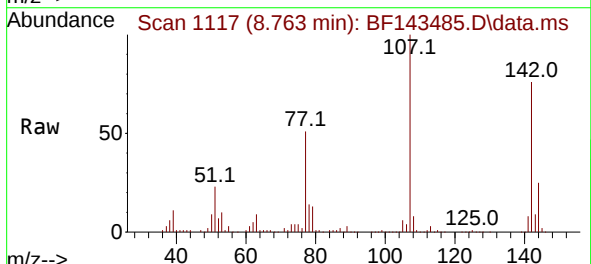
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

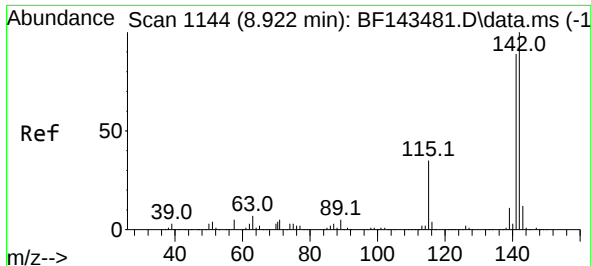
Tgt Ion:113 Resp: 86788  
Ion Ratio Lower Upper  
113 100  
55 188.9 162.8 202.8  
56 144.0 118.1 158.1



#36  
4-Chloro-3-methylphenol  
Concen: 40.569 ng  
RT: 8.763 min Scan# 1117  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:107 Resp: 327951  
Ion Ratio Lower Upper  
107 100  
144 24.9 19.9 29.9  
142 76.5 61.8 92.8

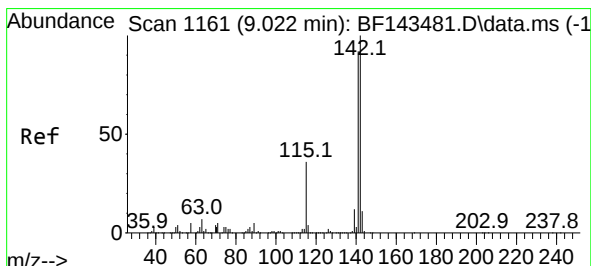
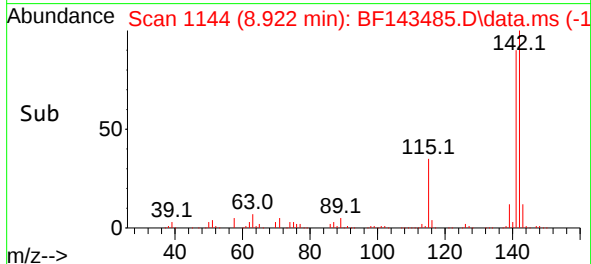
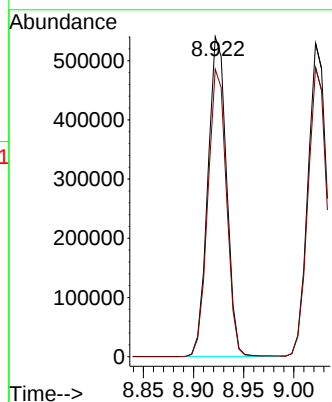
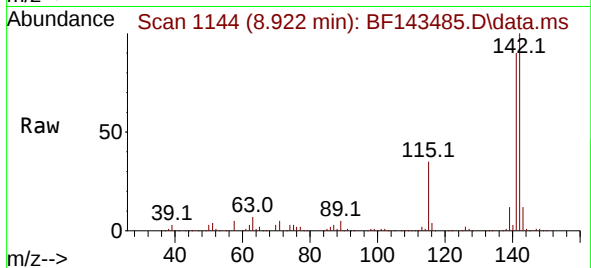




#37  
2-Methylnaphthalene  
Concen: 38.877 ng  
RT: 8.922 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

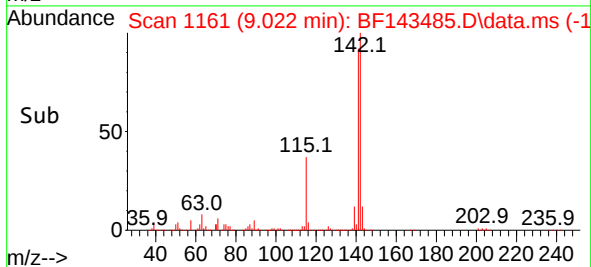
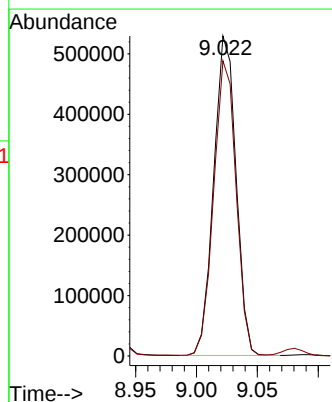
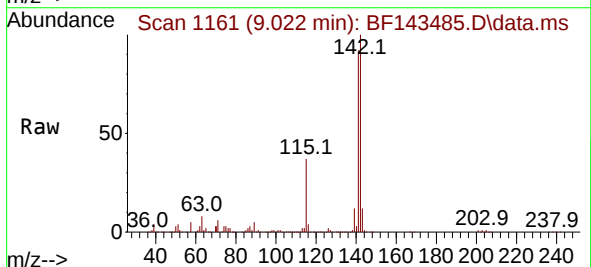
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

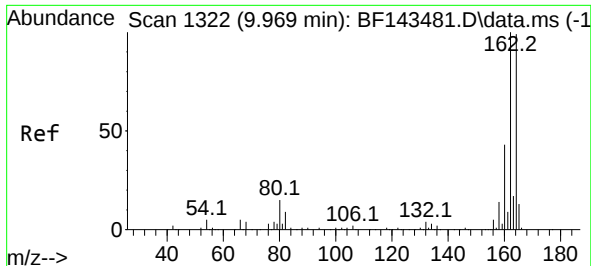
Tgt Ion:142 Resp: 699087  
Ion Ratio Lower Upper  
142 100  
141 89.8 71.0 106.4



#38  
1-Methylnaphthalene  
Concen: 39.260 ng  
RT: 9.022 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:142 Resp: 675310  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.3 109.9

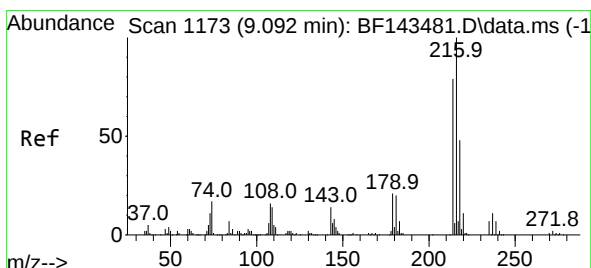
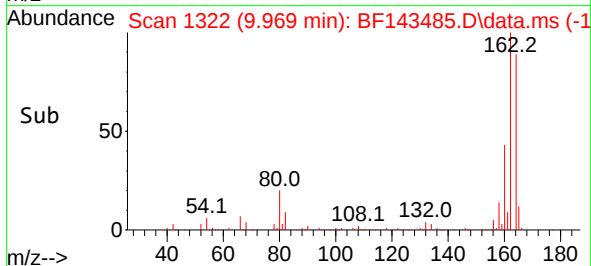
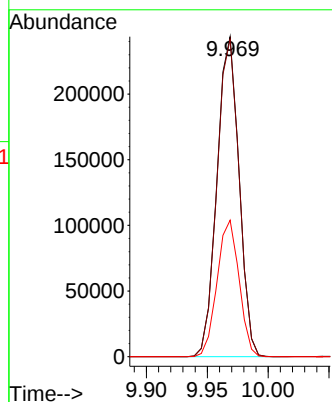
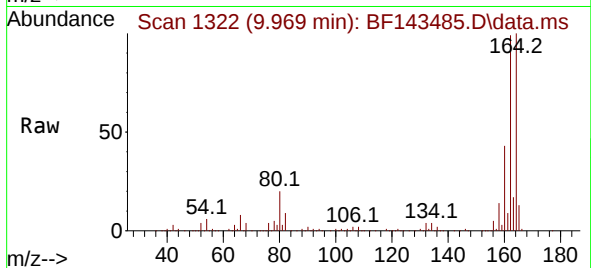




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.969 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

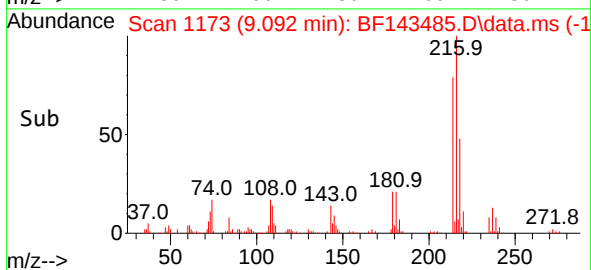
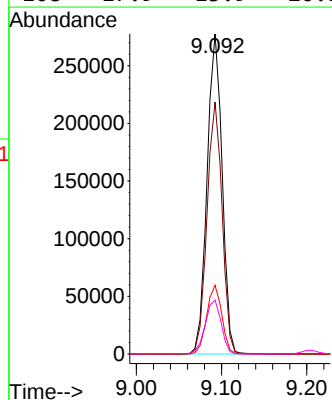
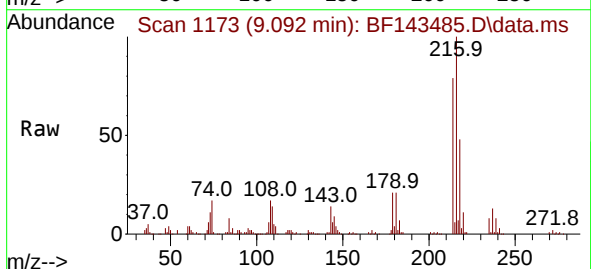
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

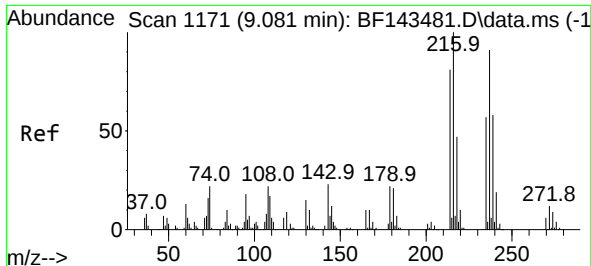
Tgt Ion:164 Resp: 307376  
Ion Ratio Lower Upper  
164 100  
162 99.2 80.5 120.7  
160 42.7 34.3 51.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.786 ng  
RT: 9.092 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

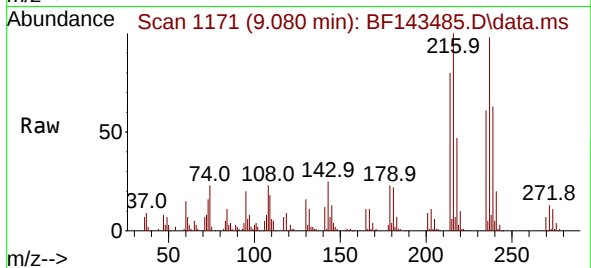
Tgt Ion:216 Resp: 341006  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.4 95.0  
179 21.5 16.5 24.7  
108 17.9 13.9 20.9



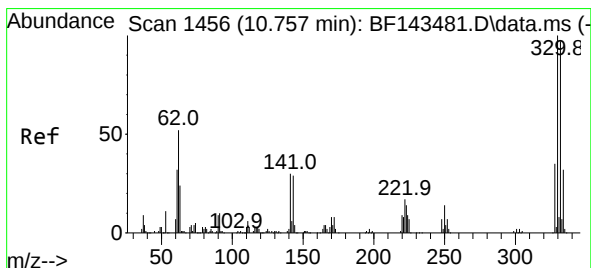
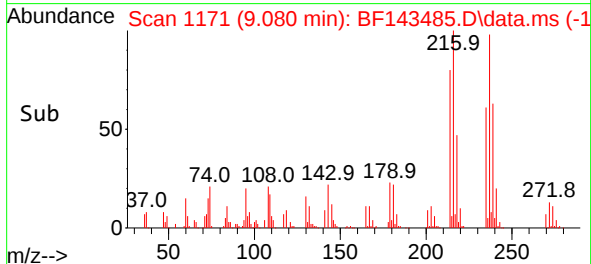
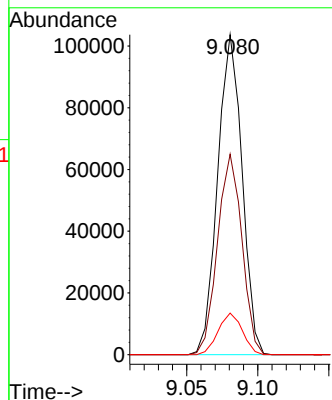


#41  
Hexachlorocyclopentadiene  
Concen: 39.756 ng  
RT: 9.080 min Scan# 1171  
Delta R.T. -0.001 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

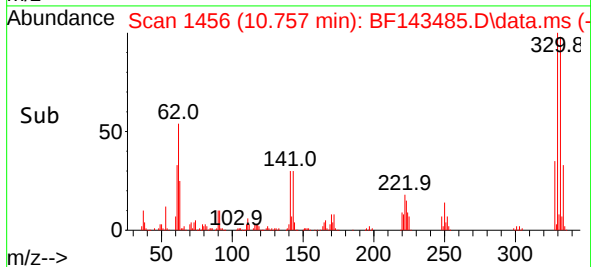
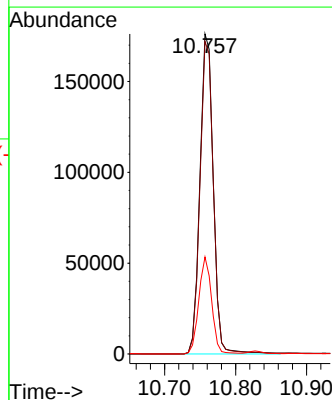
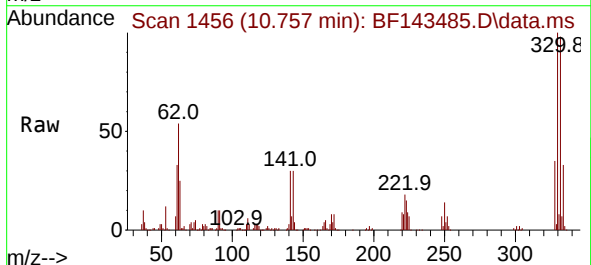


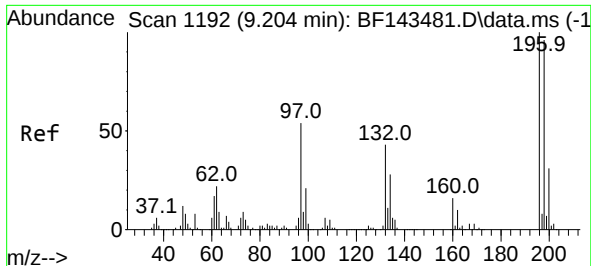
Tgt Ion:237 Resp: 123767  
Ion Ratio Lower Upper  
237 100  
235 62.7 42.6 82.6  
272 13.0 0.0 33.4



#42  
2,4,6-Tribromophenol  
Concen: 80.753 ng  
RT: 10.757 min Scan# 1456  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:330 Resp: 231053  
Ion Ratio Lower Upper  
330 100  
332 97.7 78.0 117.0  
141 29.3 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 41.105 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

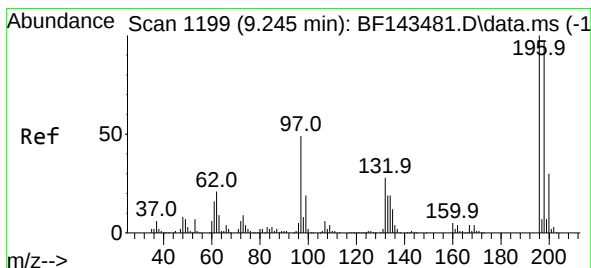
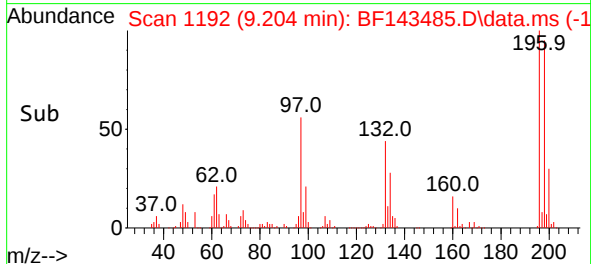
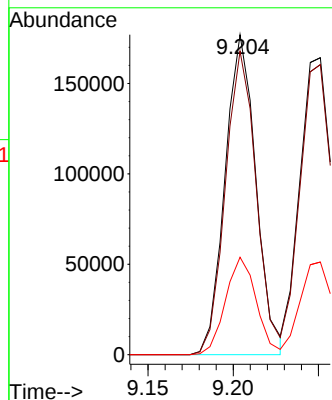
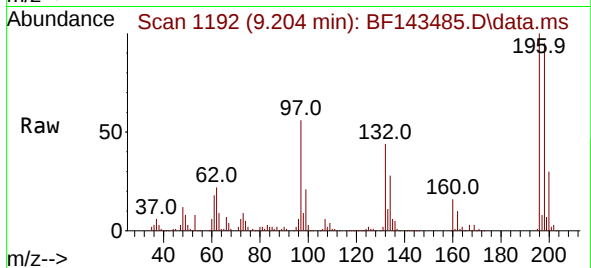
Tgt Ion:196 Resp: 222378

Ion Ratio Lower Upper

196 100

198 94.8 77.0 115.4

200 30.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 39.178 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Tgt Ion:196 Resp: 231521

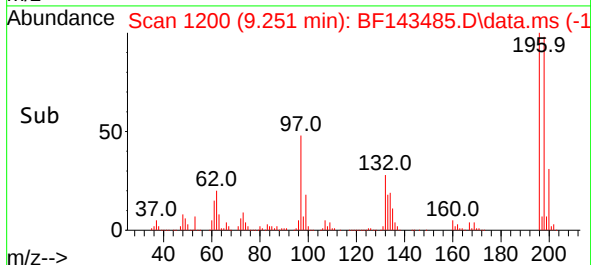
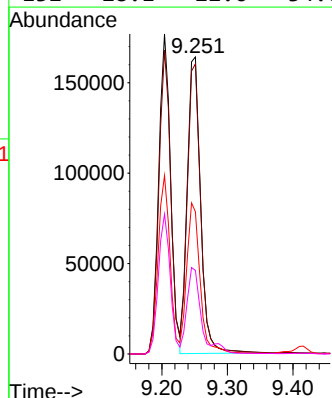
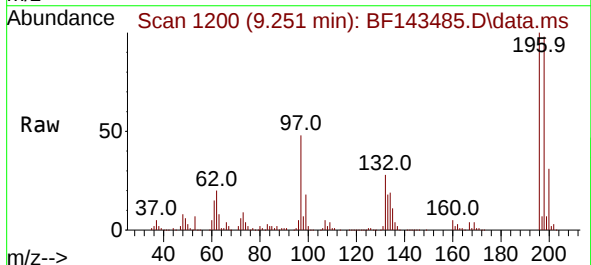
Ion Ratio Lower Upper

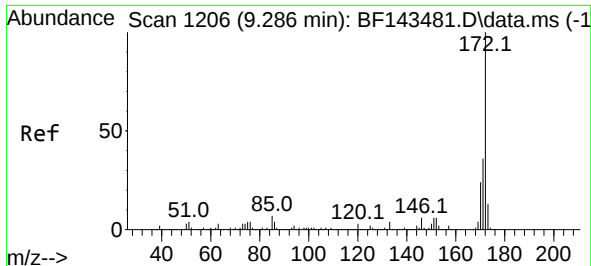
196 100

198 97.7 77.3 115.9

97 47.9 40.0 60.0

132 28.1 22.6 34.0

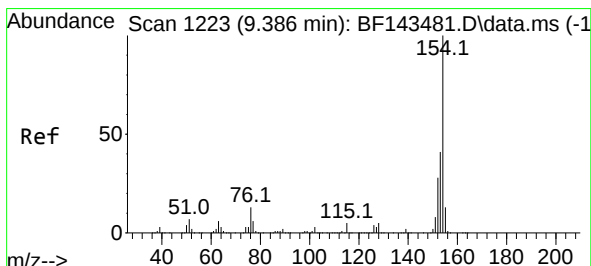
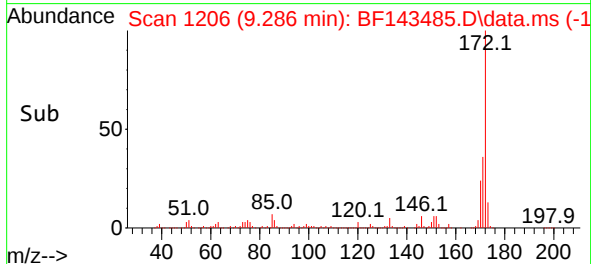
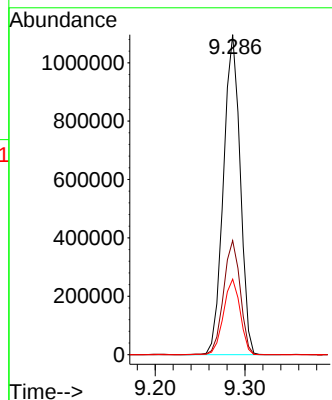
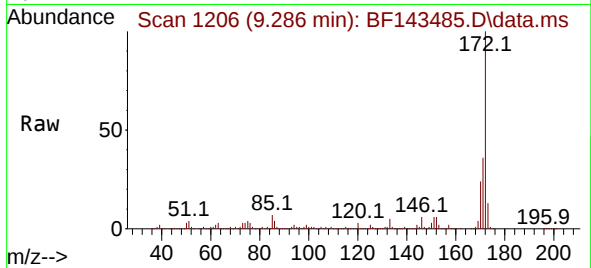




#45  
2-Fluorobiphenyl  
Concen: 76.290 ng  
RT: 9.286 min Scan# 1206  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

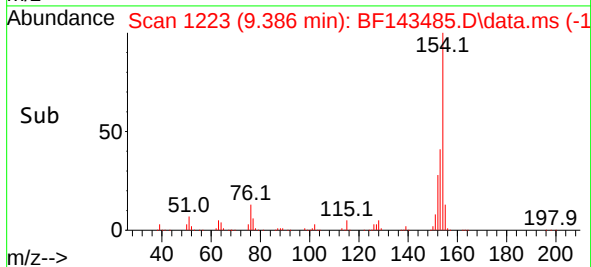
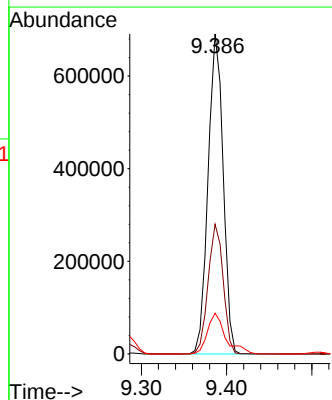
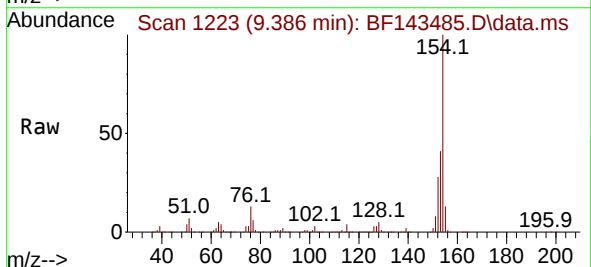
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

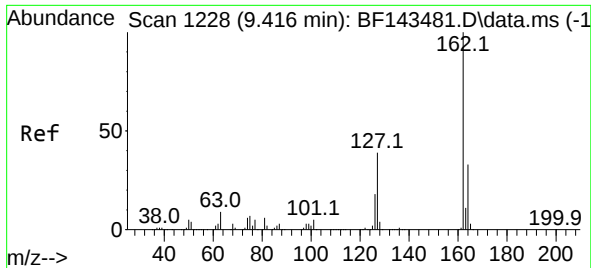
Tgt Ion:172 Resp: 1418903  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.8 43.2  
170 23.6 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 38.997 ng  
RT: 9.386 min Scan# 1223  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:154 Resp: 850787  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.6 60.6  
76 12.8 0.0 33.0

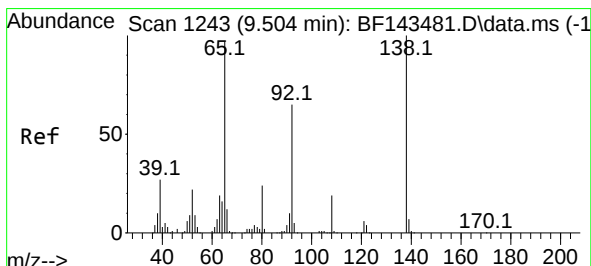
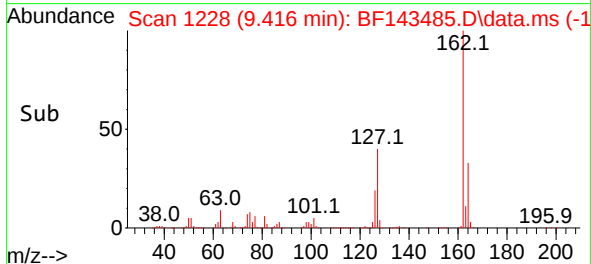
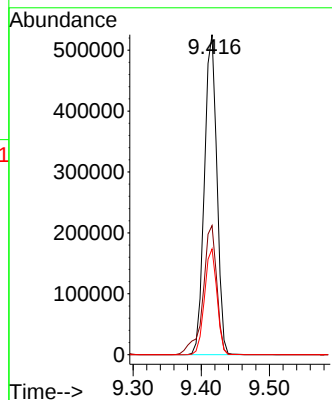
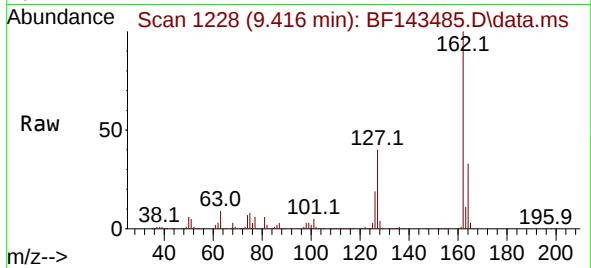




#47  
2-Chloronaphthalene  
Concen: 39.068 ng  
RT: 9.416 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

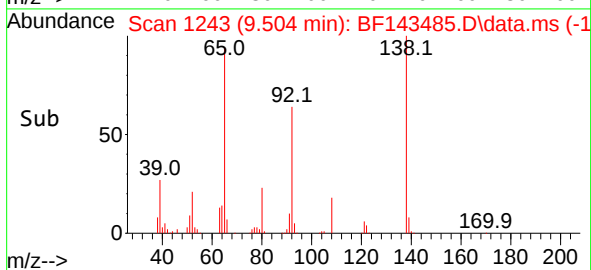
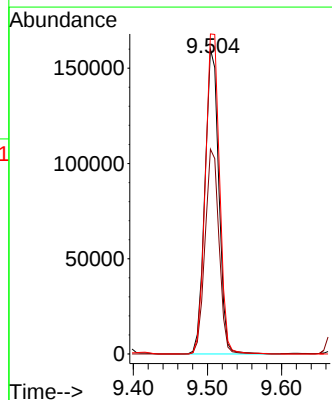
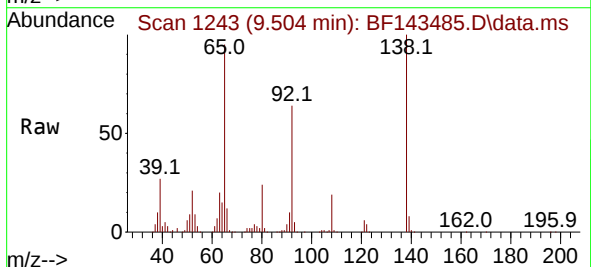
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

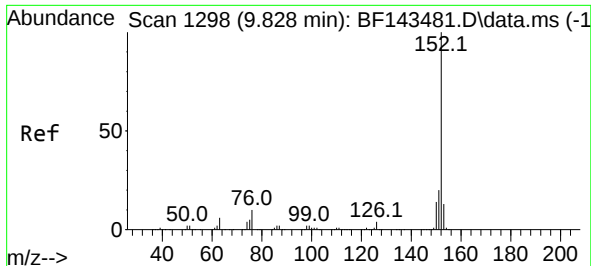
Tgt Ion:162 Resp: 668760  
Ion Ratio Lower Upper  
162 100  
127 40.4 31.8 47.6  
164 33.0 26.4 39.6



#48  
2-Nitroaniline  
Concen: 41.861 ng  
RT: 9.504 min Scan# 1243  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion: 65 Resp: 209716  
Ion Ratio Lower Upper  
65 100  
92 67.1 53.8 80.6  
138 104.9 82.4 123.6





#49

Acenaphthylene

Concen: 39.557 ng

RT: 9.827 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

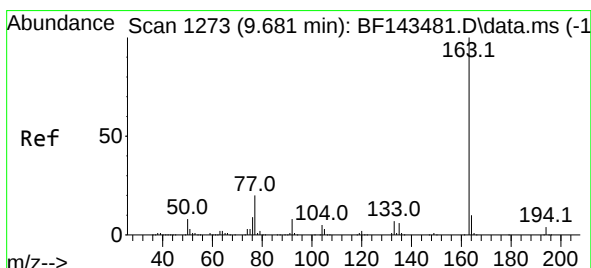
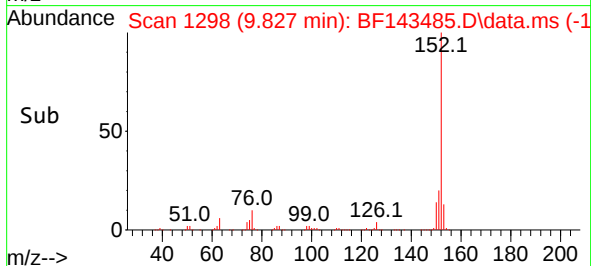
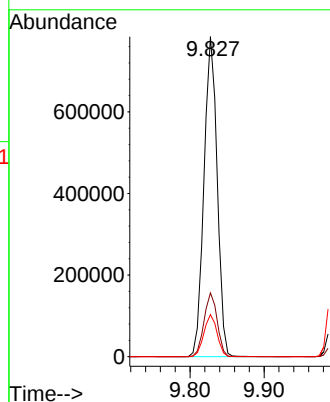
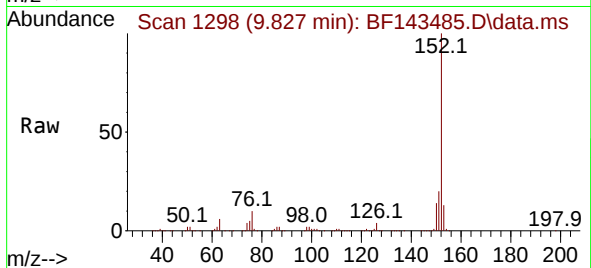
Tgt Ion:152 Resp: 969574

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 40.935 ng

RT: 9.680 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

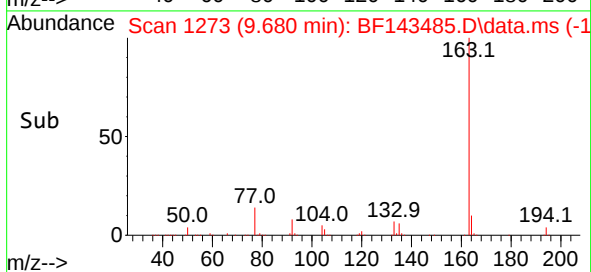
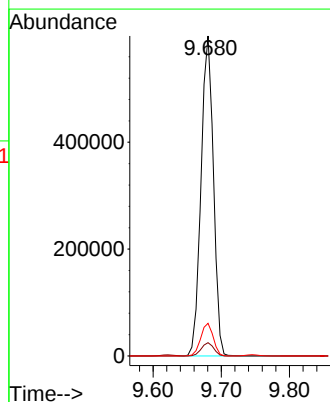
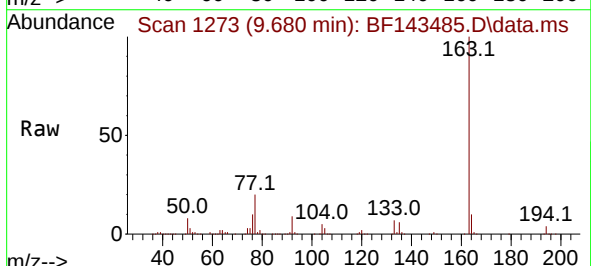
Tgt Ion:163 Resp: 757804

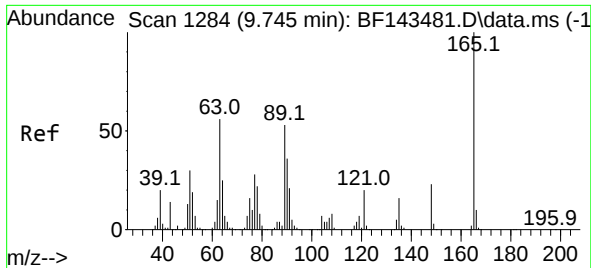
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.2 12.2

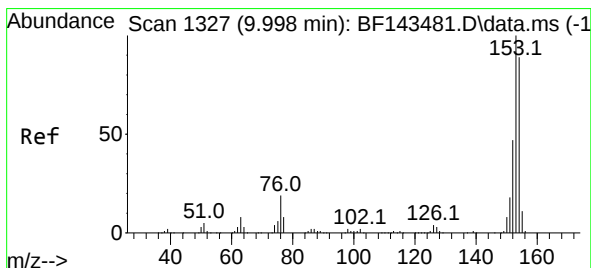
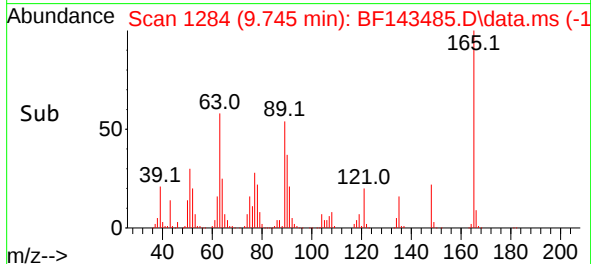
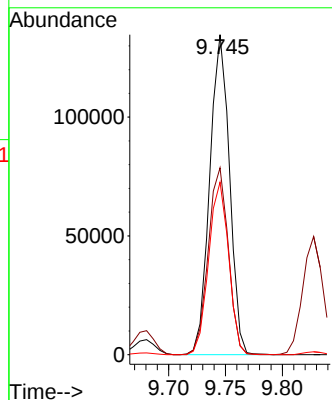
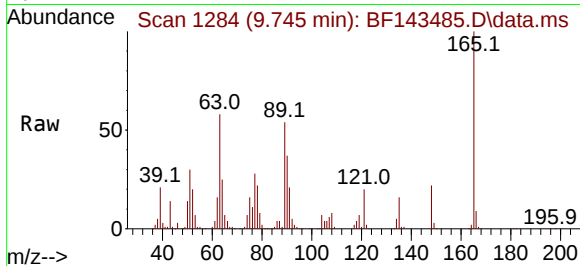




#51  
2,6-Dinitrotoluene  
Concen: 42.459 ng  
RT: 9.745 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

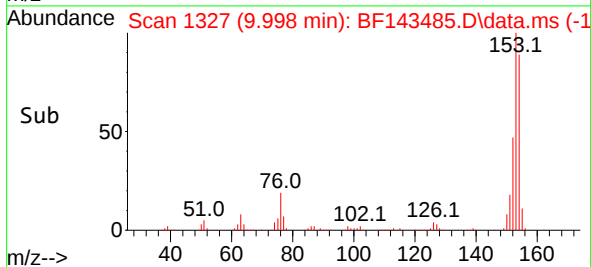
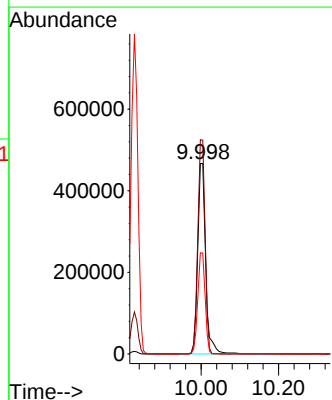
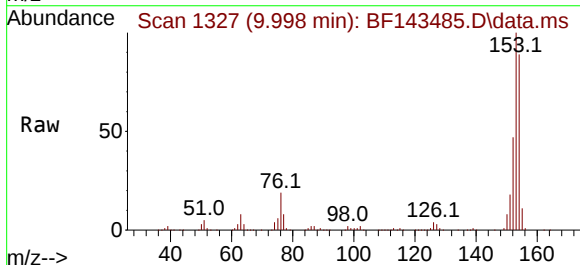
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

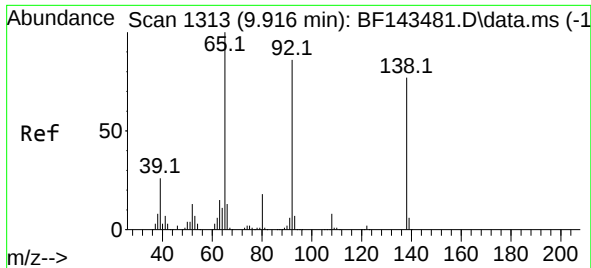
Tgt Ion:165 Resp: 162905  
Ion Ratio Lower Upper  
165 100  
63 58.4 45.0 67.6  
89 53.9 42.5 63.7



#52  
Acenaphthene  
Concen: 39.941 ng  
RT: 9.998 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:154 Resp: 664685  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.5 134.3  
152 53.1 42.5 63.7

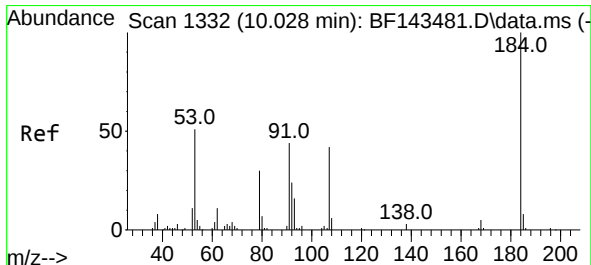
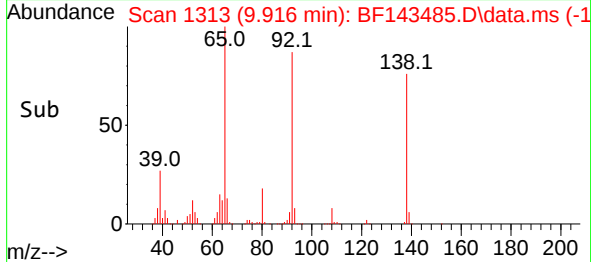
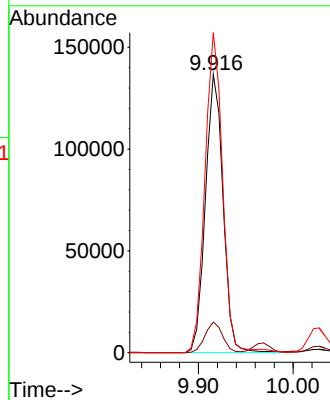
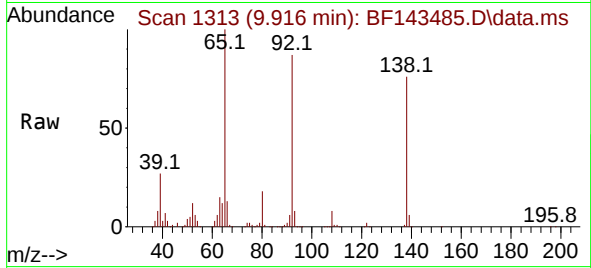




#53  
3-Nitroaniline  
Concen: 42.506 ng  
RT: 9.916 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

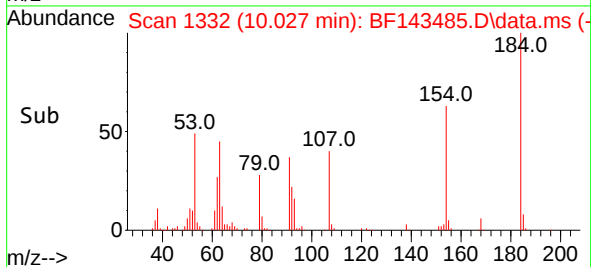
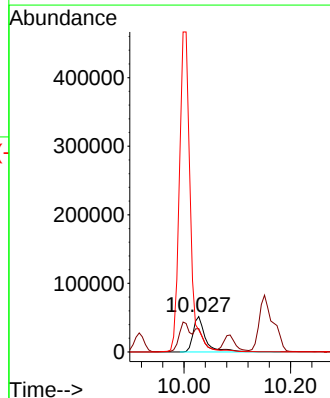
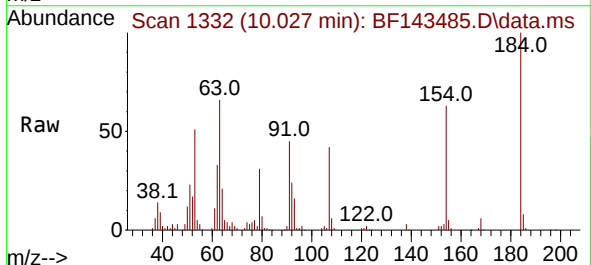
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

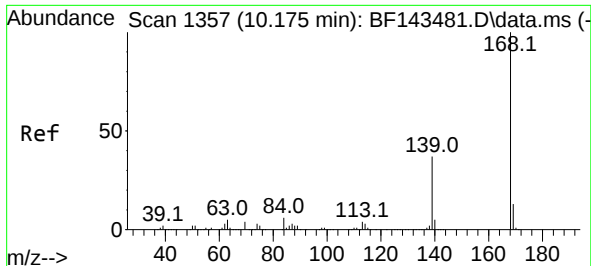
Tgt Ion:138 Resp: 176223  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.6 13.0  
92 115.0 89.8 134.8



#54  
2,4-Dinitrophenol  
Concen: 43.761 ng  
RT: 10.027 min Scan# 1332  
Delta R.T. -0.001 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:184 Resp: 84522  
Ion Ratio Lower Upper  
184 100  
63 66.1 52.6 78.8  
154 62.6 51.0 76.4

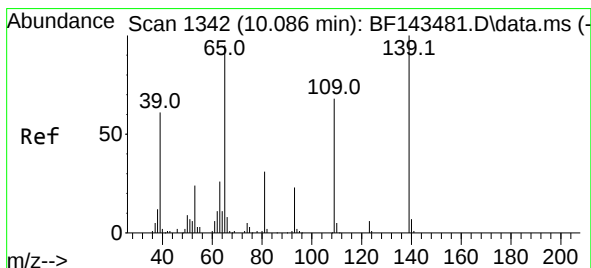
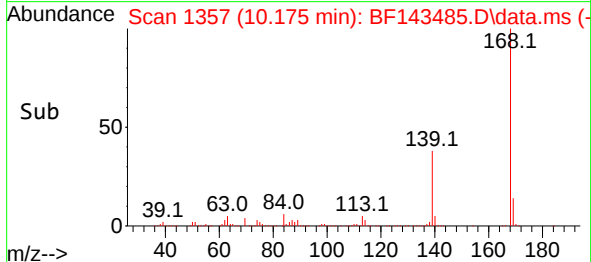
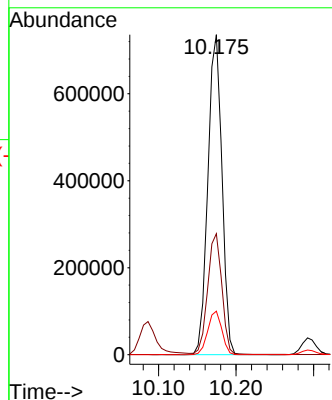
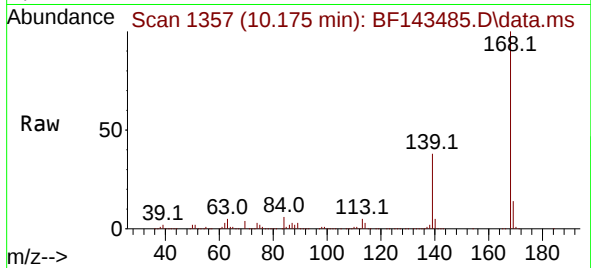




#55  
Dibenzofuran  
Concen: 39.023 ng  
RT: 10.175 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

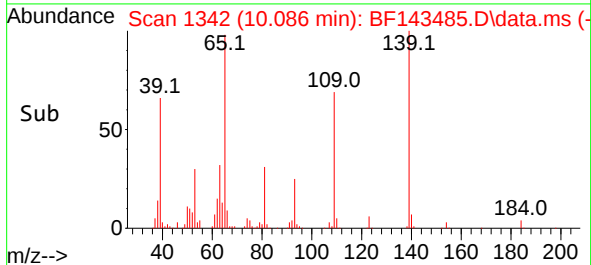
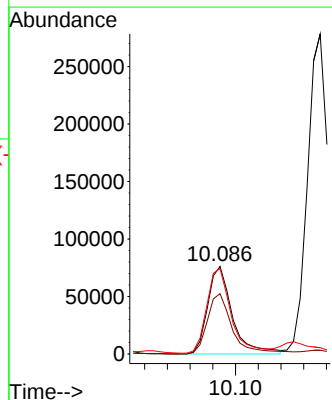
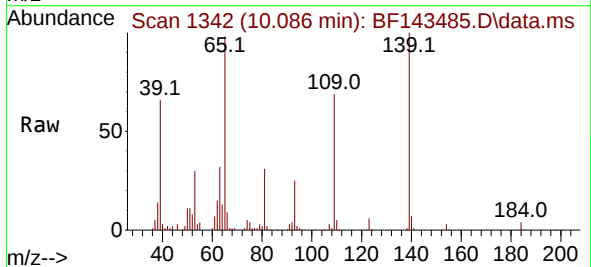
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

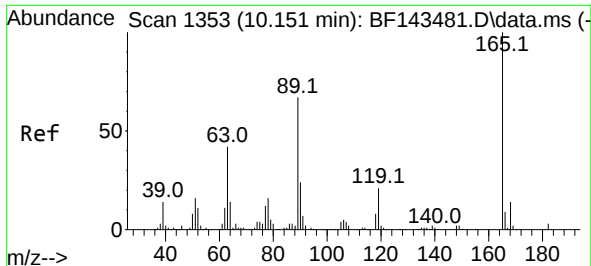
Tgt Ion:168 Resp: 925864  
Ion Ratio Lower Upper  
168 100  
139 37.8 29.8 44.6  
169 13.6 10.8 16.2



#56  
4-Nitrophenol  
Concen: 46.387 ng  
RT: 10.086 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:139 Resp: 114429  
Ion Ratio Lower Upper  
139 100  
109 68.9 48.2 88.2  
65 97.6 75.8 115.8

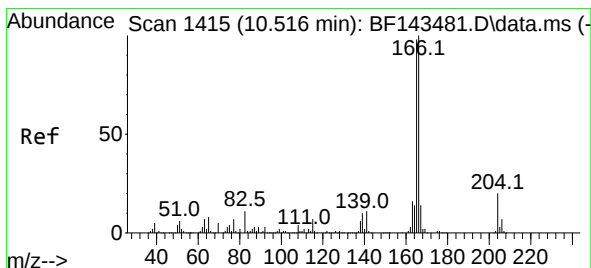
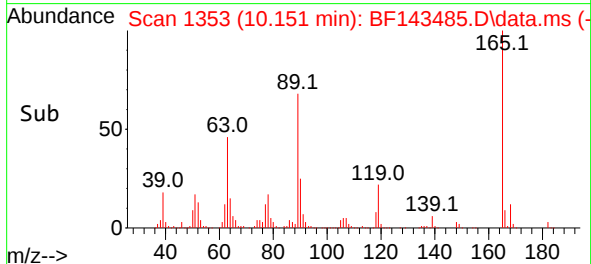
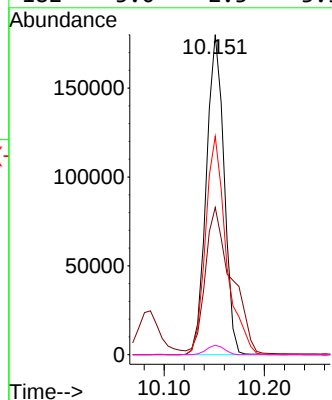
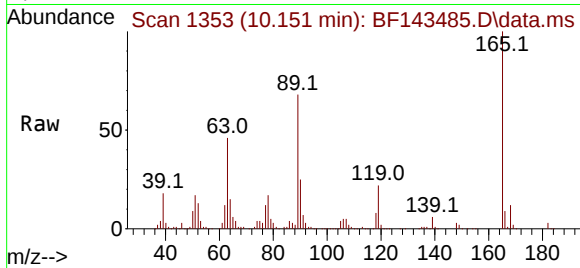




#57  
2,4-Dinitrotoluene  
Concen: 43.183 ng  
RT: 10.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

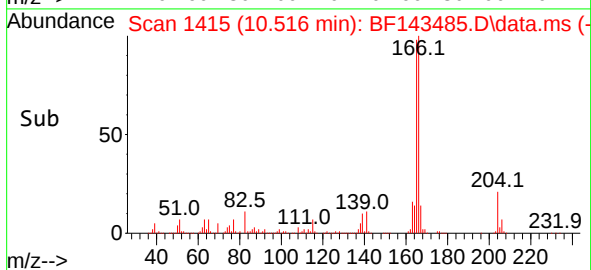
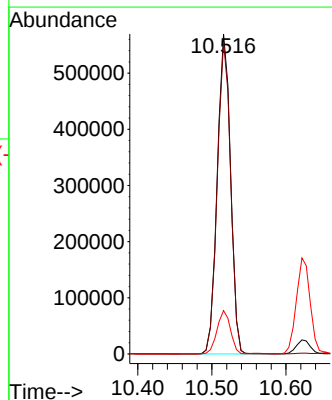
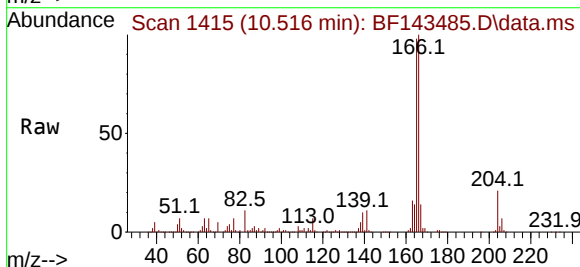
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

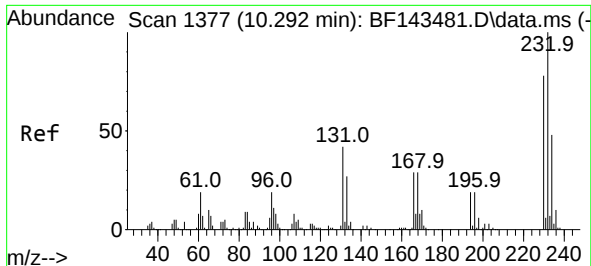
Tgt Ion:165 Resp: 221231  
Ion Ratio Lower Upper  
165 100  
63 46.0 34.9 52.3  
89 68.2 53.3 79.9  
182 3.0 2.3 3.5



#58  
Fluorene  
Concen: 38.901 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:166 Resp: 710368  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.3 117.5  
167 13.5 11.0 16.4

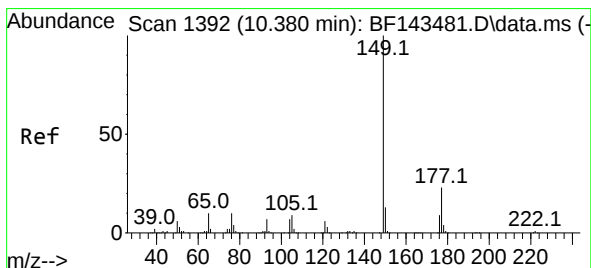
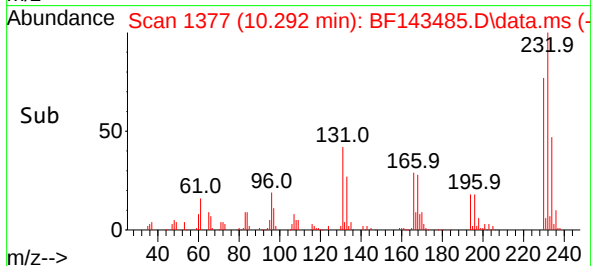
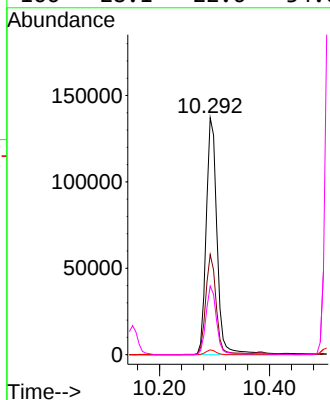
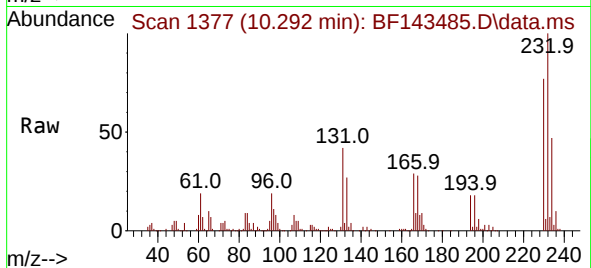




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.767 ng  
RT: 10.292 min Scan# 1377  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

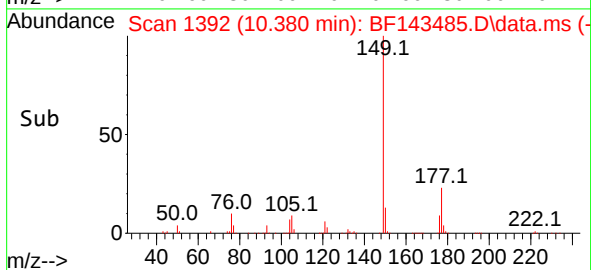
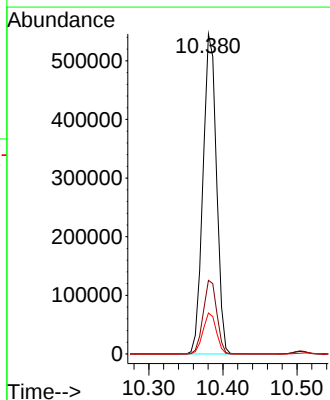
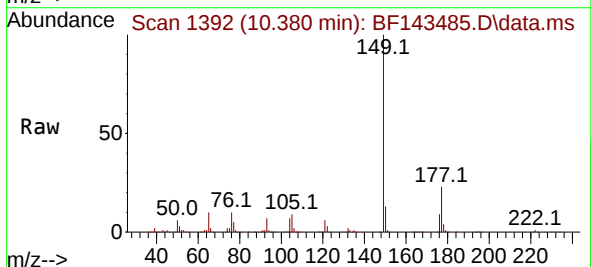
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

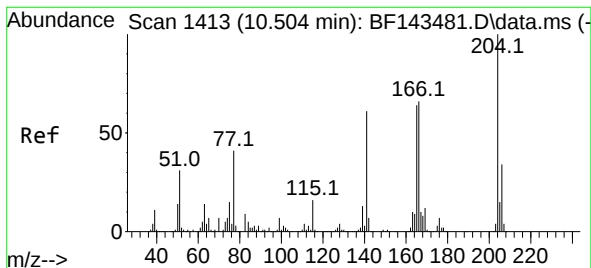
Tgt Ion:232 Resp: 187764  
Ion Ratio Lower Upper  
232 100  
131 40.8 32.7 49.1  
130 1.9 1.6 2.4  
166 28.1 22.6 34.0



#60  
Diethylphthalate  
Concen: 41.708 ng  
RT: 10.380 min Scan# 1392  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:149 Resp: 692256  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.3 27.5  
150 12.8 10.3 15.5

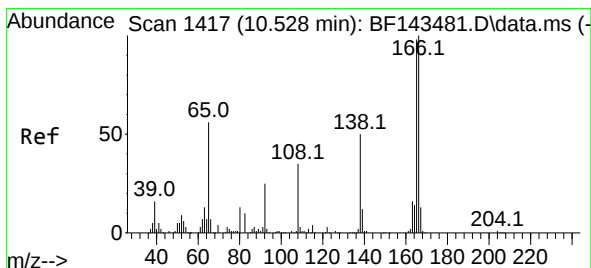
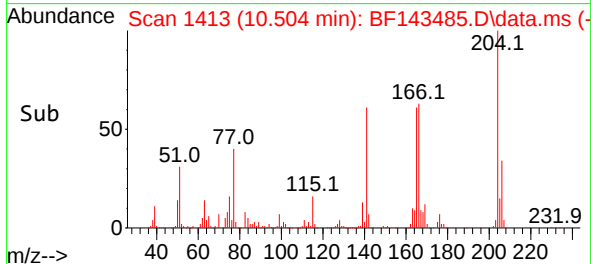
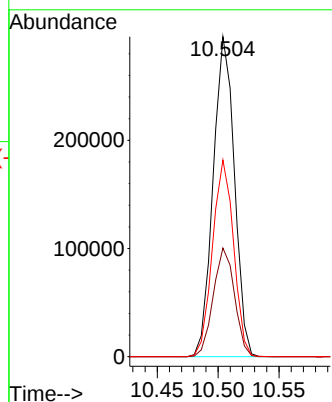
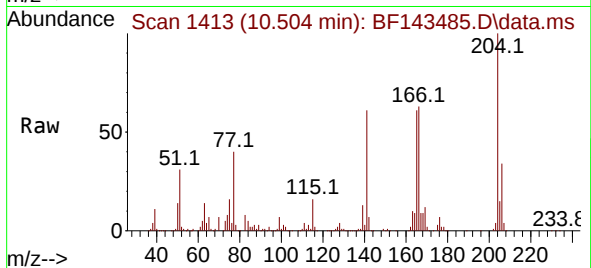




#61  
4-Chlorophenyl-phenylether  
Concen: 39.269 ng  
RT: 10.504 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

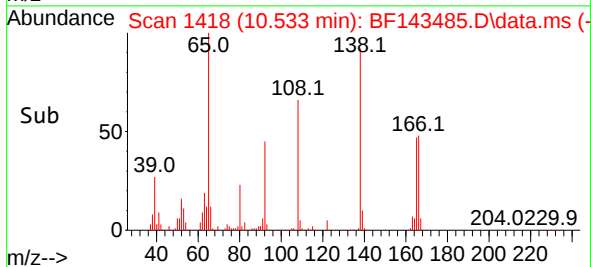
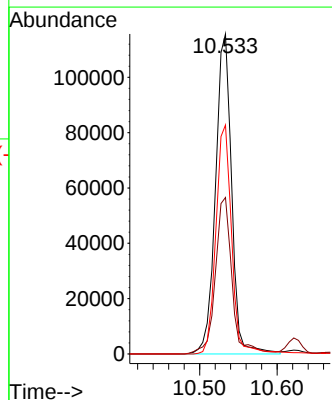
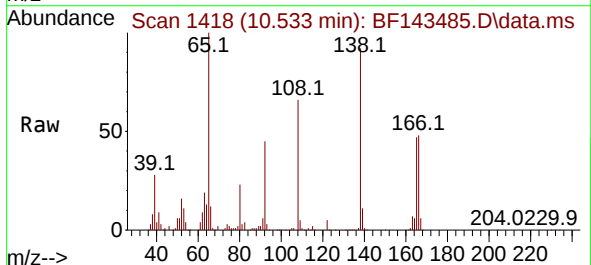
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

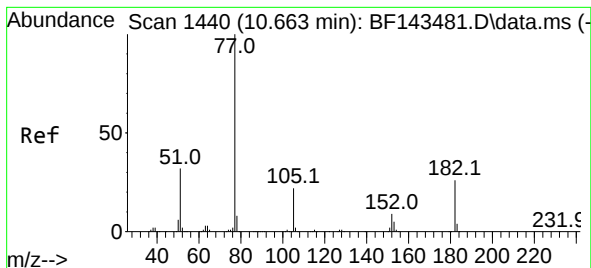
Tgt Ion:204 Resp: 358628  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.0 40.4  
141 61.4 48.7 73.1



#62  
4-Nitroaniline  
Concen: 43.927 ng  
RT: 10.533 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:138 Resp: 167278  
Ion Ratio Lower Upper  
138 100  
92 48.9 29.3 69.3  
108 71.6 50.7 90.7

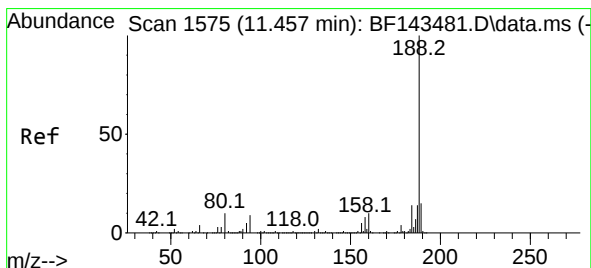
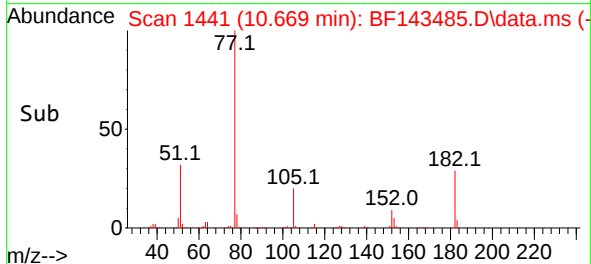
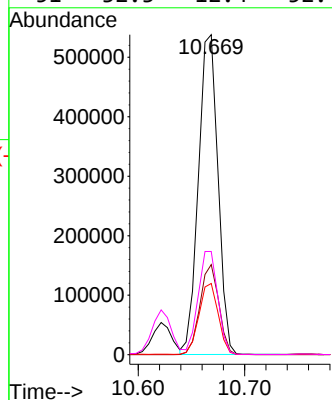
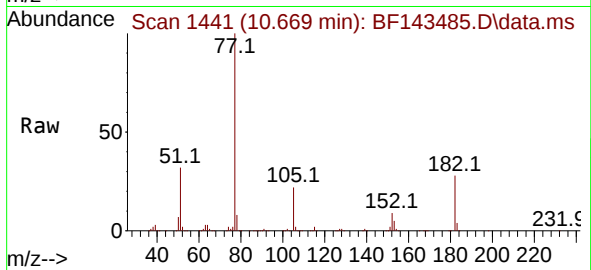




#63  
Azobenzene  
Concen: 39.982 ng  
RT: 10.669 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

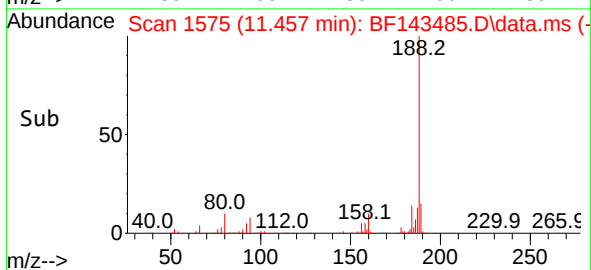
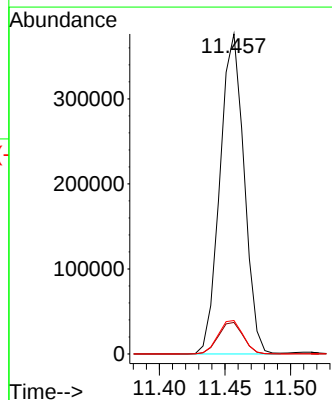
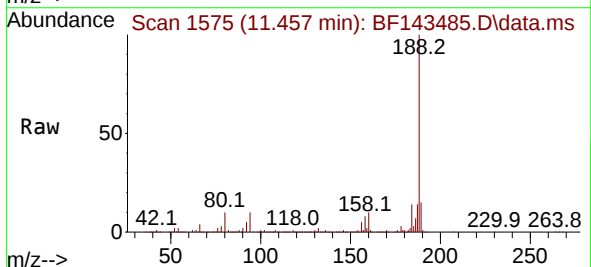
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

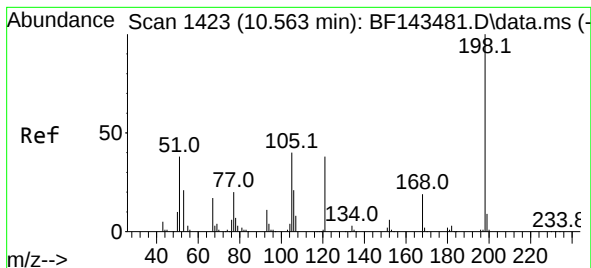
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 688082 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 28.2    | 6.2 46.2     |
| 105 22.2    | 2.2 42.2     |
| 51 32.3     | 12.4 52.4    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.457 min Scan# 1575  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 481864 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.9      | 7.4 11.2     |
| 80 10.5     | 8.2 12.4     |

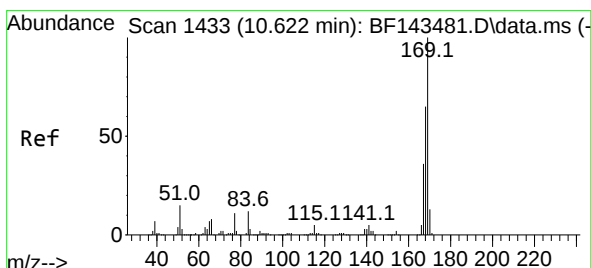
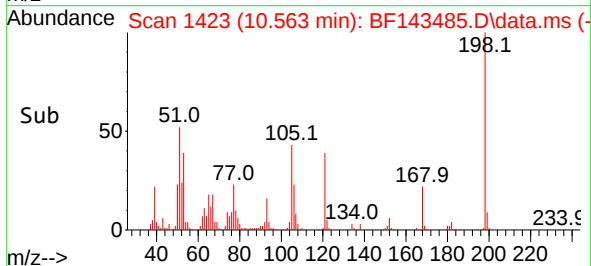
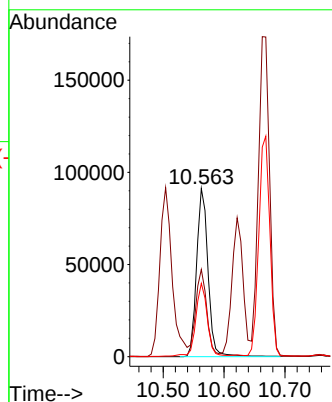
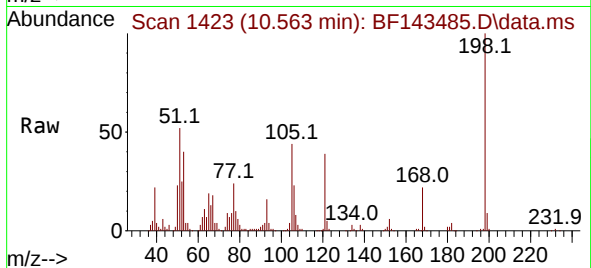




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.849 ng  
RT: 10.563 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

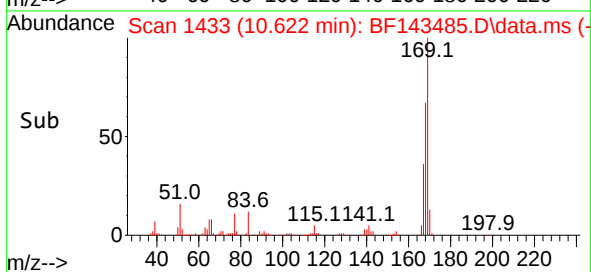
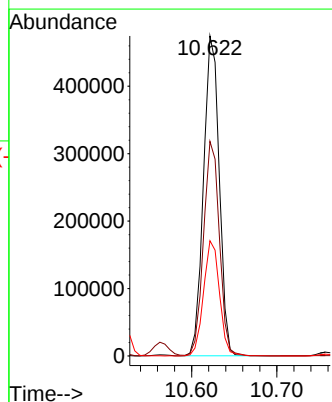
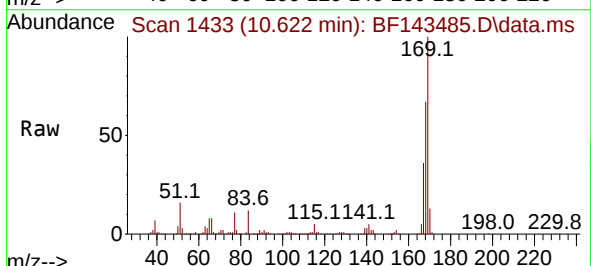
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

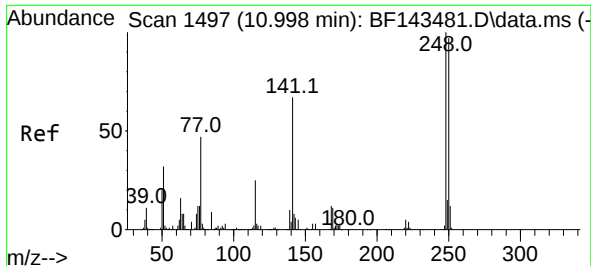
Tgt Ion:198 Resp: 119136  
Ion Ratio Lower Upper  
198 100  
51 51.9 29.6 69.6  
105 43.6 21.5 61.5



#66  
n-Nitrosodiphenylamine  
Concen: 39.212 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:169 Resp: 608072  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.4 78.6  
167 36.0 28.9 43.3

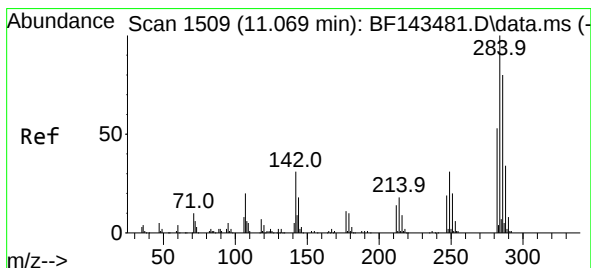
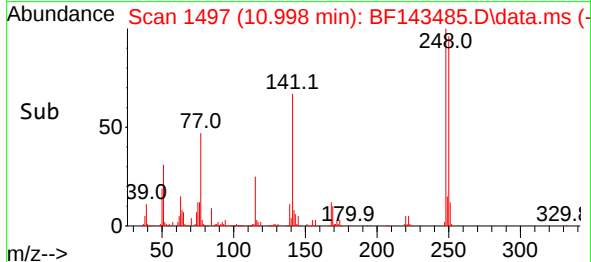
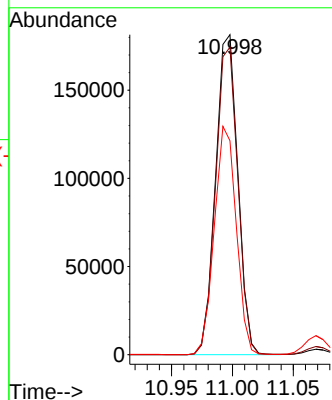
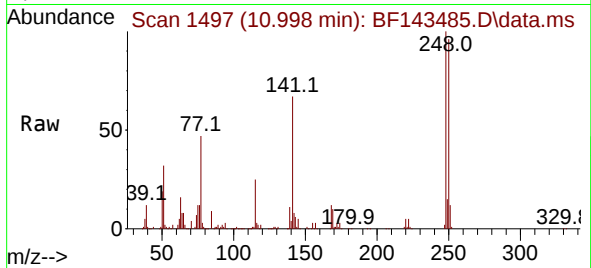




#67  
4-Bromophenyl-phenylether  
Concen: 40.305 ng  
RT: 10.998 min Scan# 1497  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

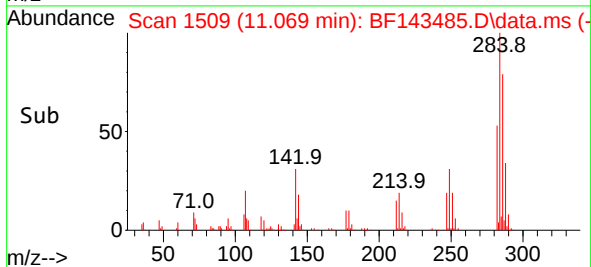
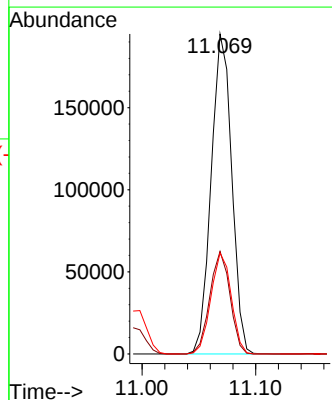
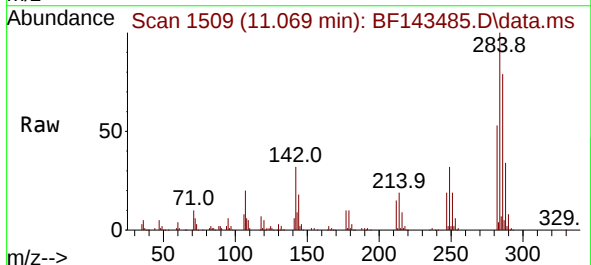
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

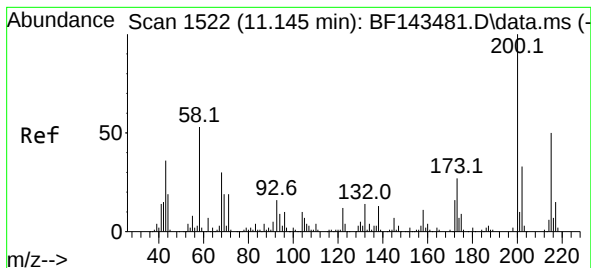
Tgt Ion:248 Resp: 231727  
Ion Ratio Lower Upper  
248 100  
250 96.1 77.8 116.8  
141 66.9 54.0 81.0



#68  
Hexachlorobenzene  
Concen: 39.544 ng  
RT: 11.069 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:284 Resp: 245068  
Ion Ratio Lower Upper  
284 100  
142 32.1 24.4 36.6  
249 31.5 25.0 37.6





#69

Atrazine

Concen: 43.693 ng

RT: 11.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

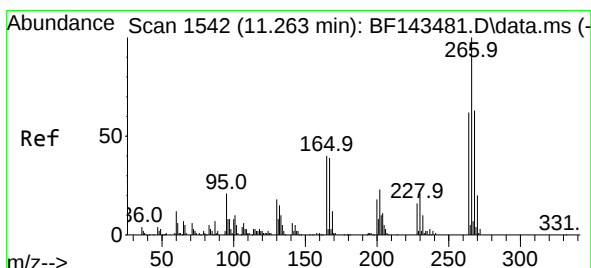
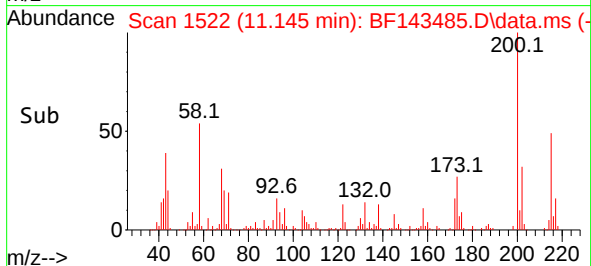
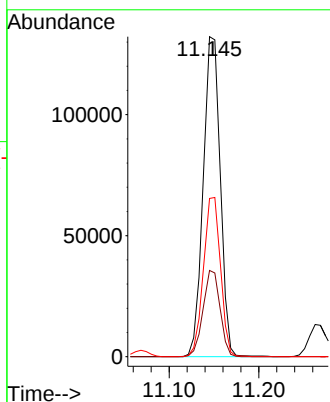
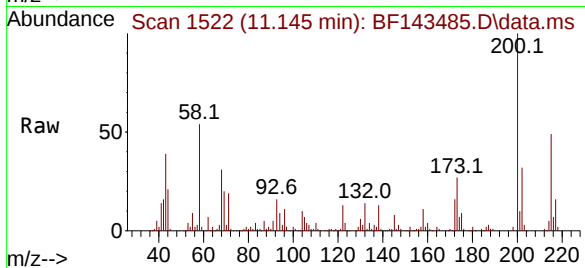
Tgt Ion:200 Resp: 174902

Ion Ratio Lower Upper

200 100

173 27.0 6.9 46.9

215 49.5 30.0 70.0



#70

Pentachlorophenol

Concen: 43.916 ng

RT: 11.269 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

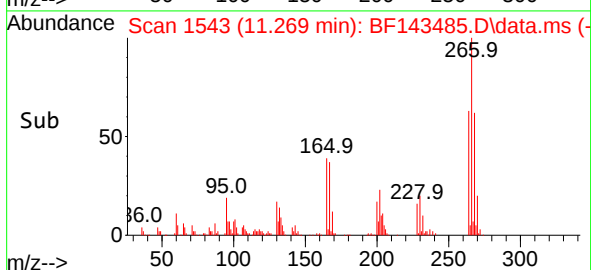
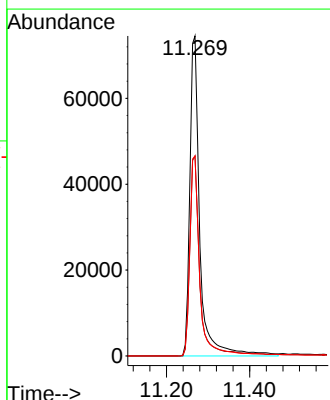
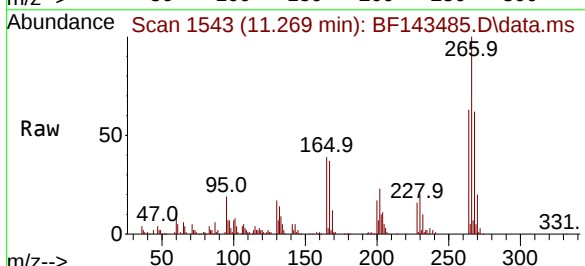
Tgt Ion:266 Resp: 124649

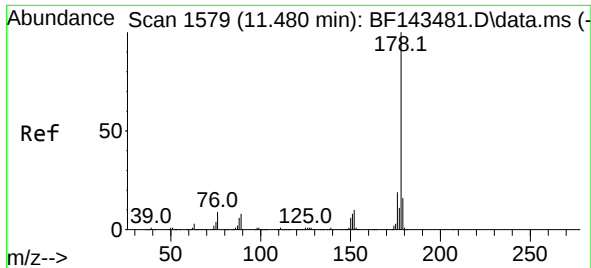
Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

264 62.5 49.8 74.8

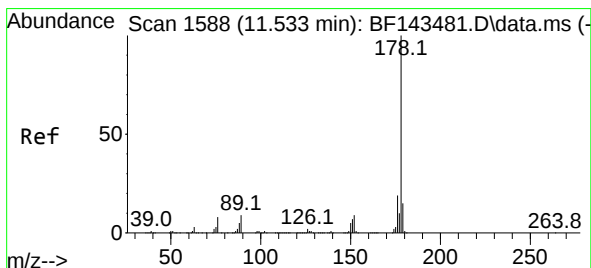
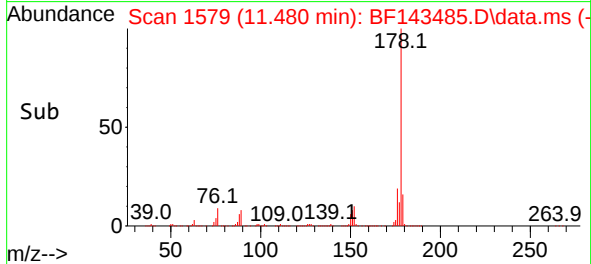
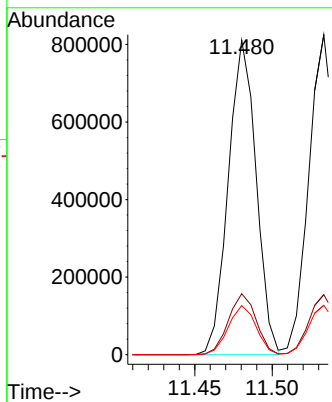
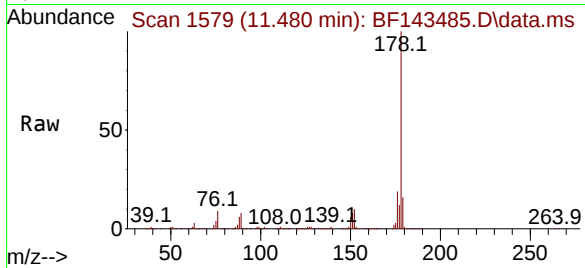




#71  
Phenanthrene  
Concen: 39.237 ng  
RT: 11.480 min Scan# 1579  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

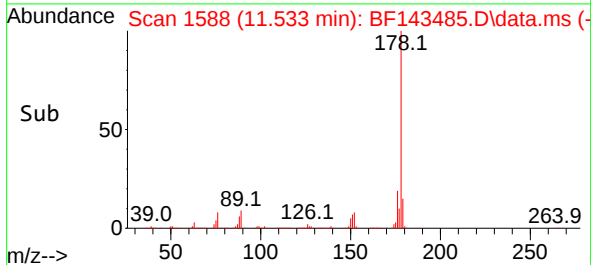
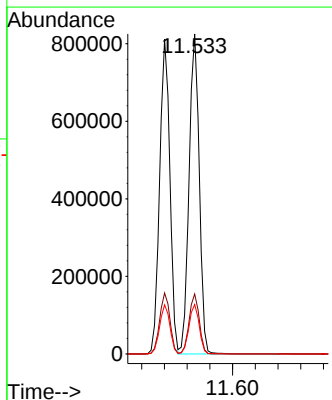
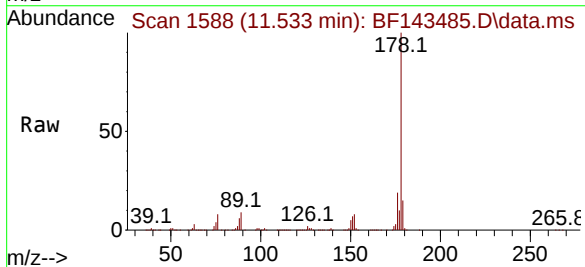
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

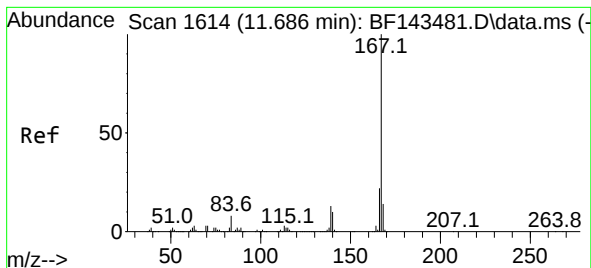
Tgt Ion:178 Resp: 1012486  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.5 23.3  
179 15.6 12.5 18.7



#72  
Anthracene  
Concen: 39.390 ng  
RT: 11.533 min Scan# 1588  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:178 Resp: 1029696  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.5 12.3 18.5





#73

Carbazole

Concen: 40.413 ng

RT: 11.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

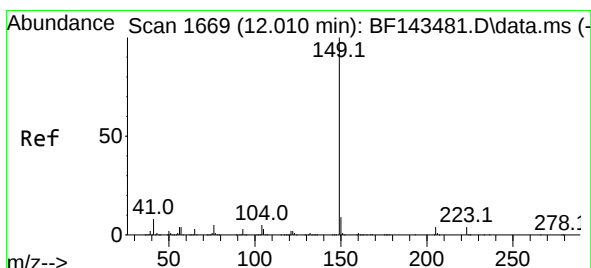
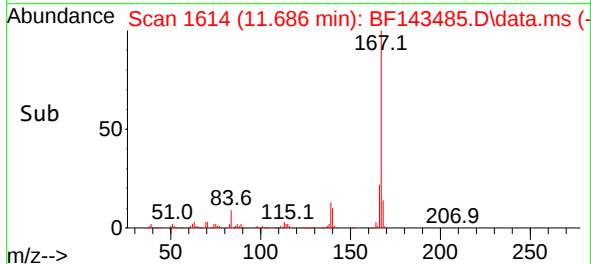
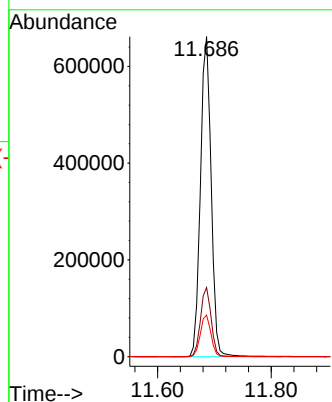
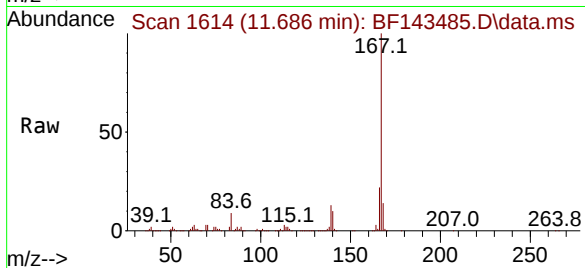
Tgt Ion:167 Resp: 865651

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.0 10.0 15.0



#74

Di-n-butylphthalate

Concen: 43.507 ng

RT: 12.010 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

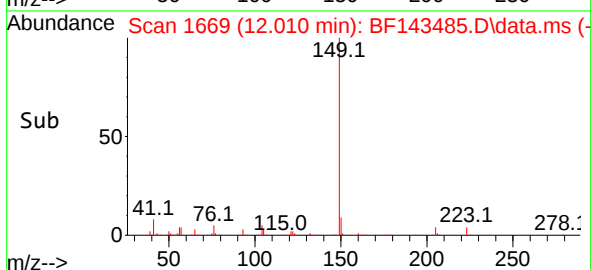
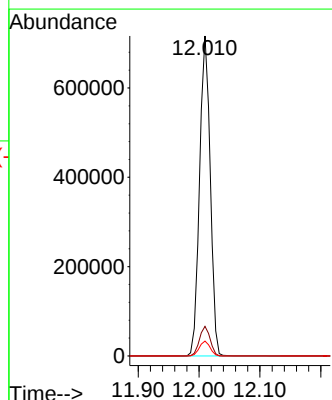
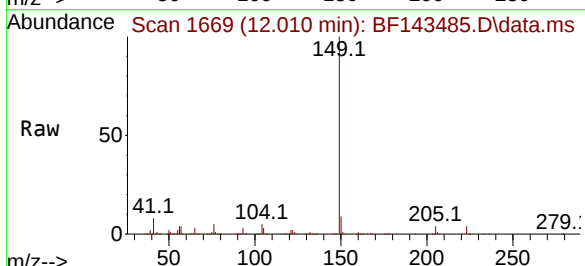
Tgt Ion:149 Resp: 869364

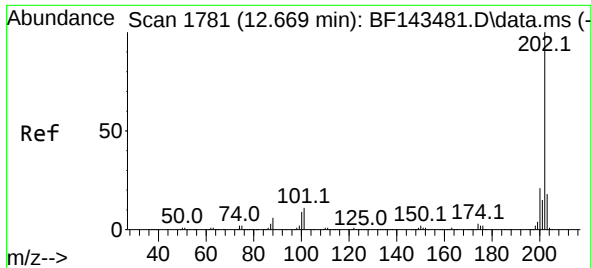
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 4.7 3.6 5.4

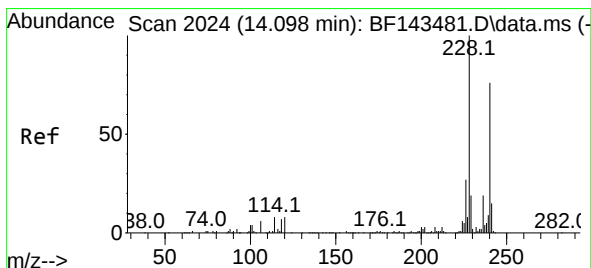
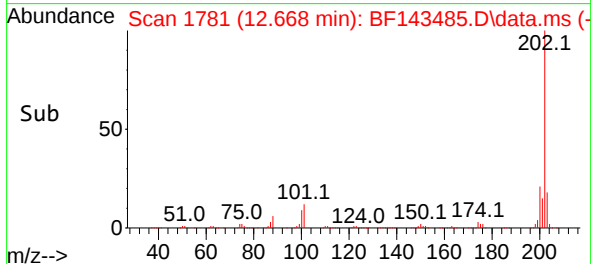
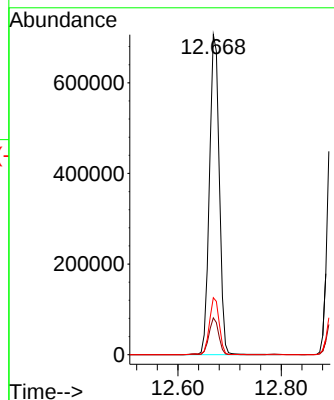
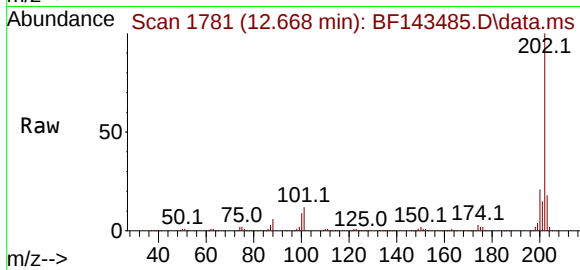




#75  
Fluoranthene  
Concen: 40.261 ng  
RT: 12.668 min Scan# 1781  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

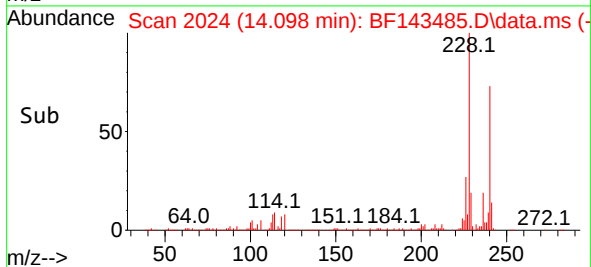
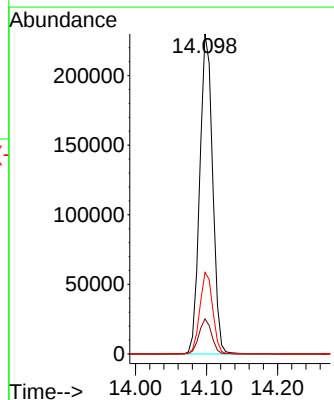
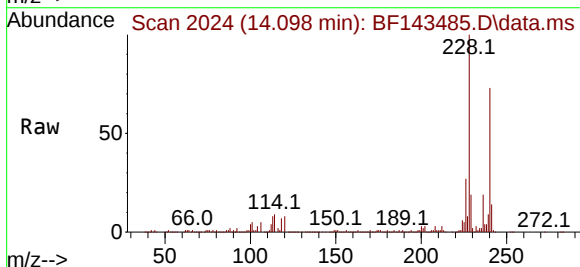
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

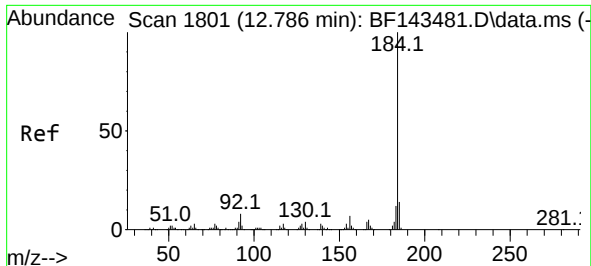
Tgt Ion:202 Resp: 932217  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 31.3  
203 17.8 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:240 Resp: 290808  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.6 12.8  
236 25.5 20.4 30.6

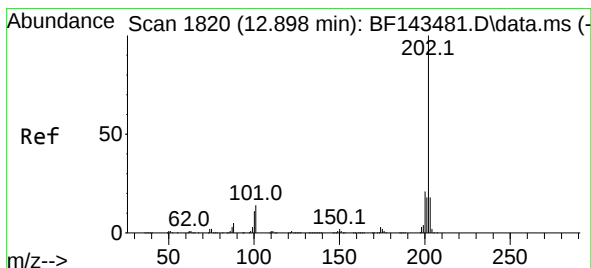
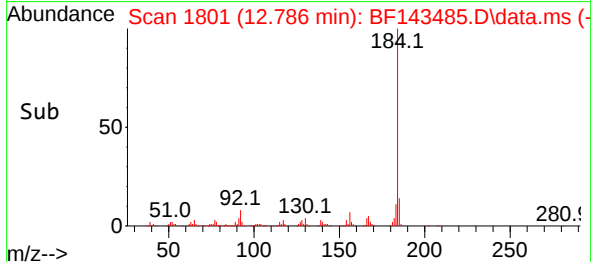
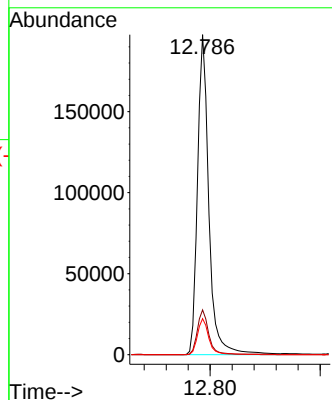
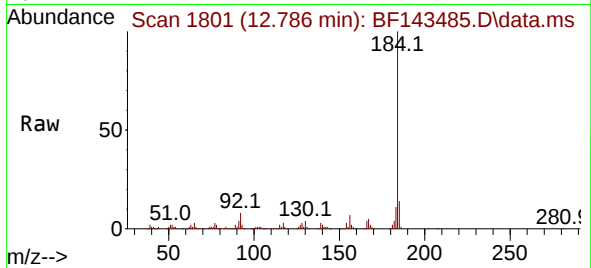




#77  
Benzidine  
Concen: 39.962 ng  
RT: 12.786 min Scan# 1801  
Delta R.T. 0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

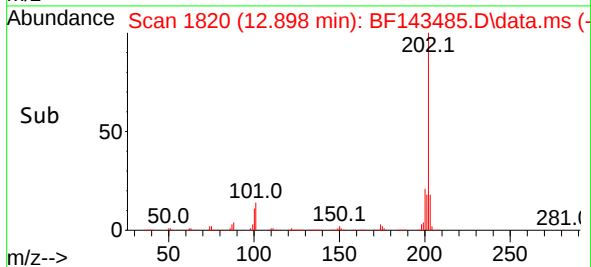
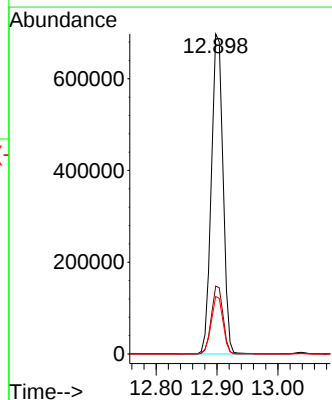
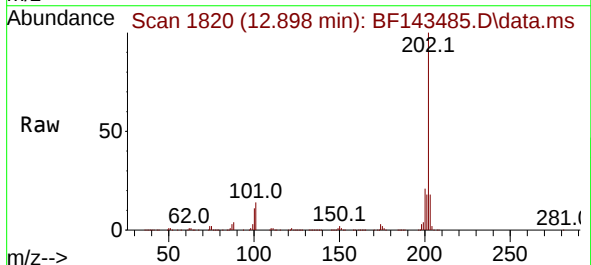
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

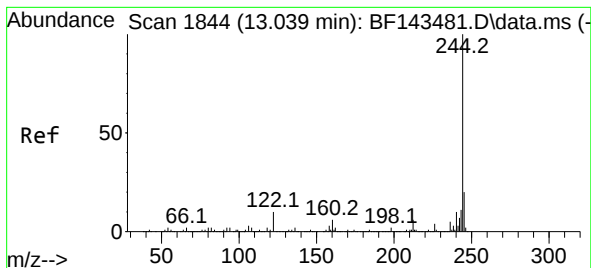
Tgt Ion:184 Resp: 283076  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.3 16.9  
183 11.3 9.5 14.3



#78  
Pyrene  
Concen: 38.897 ng  
RT: 12.898 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:202 Resp: 930449  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 76.705 ng

RT: 13.039 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

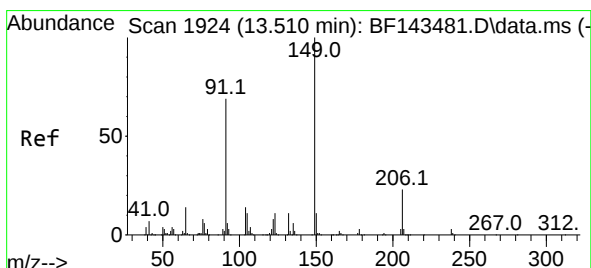
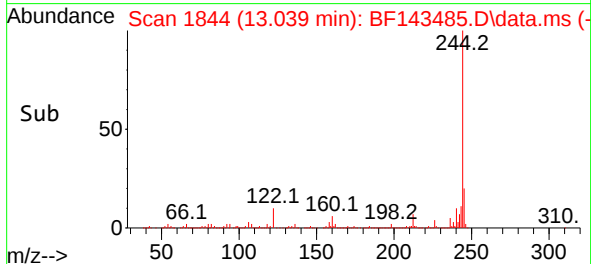
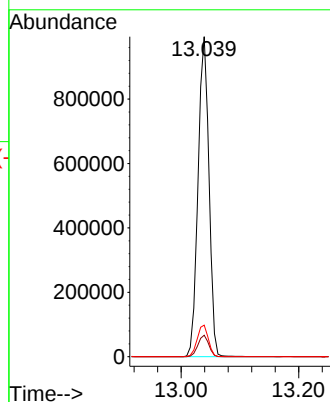
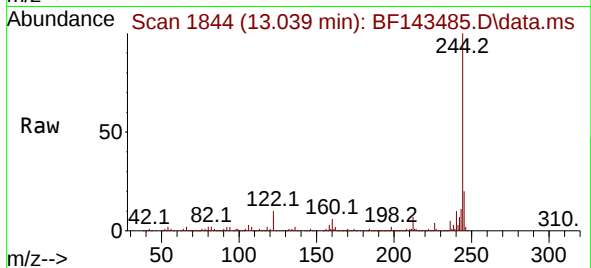
Tgt Ion:244 Resp: 1278285

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

122 9.8 7.9 11.9



#80

Butylbenzylphthalate

Concen: 41.549 ng

RT: 13.510 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

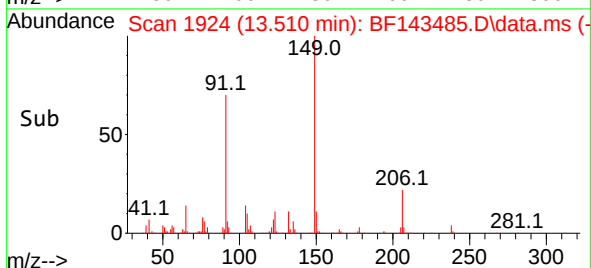
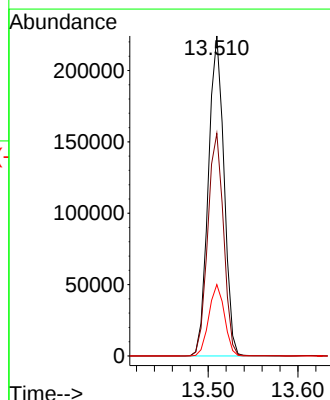
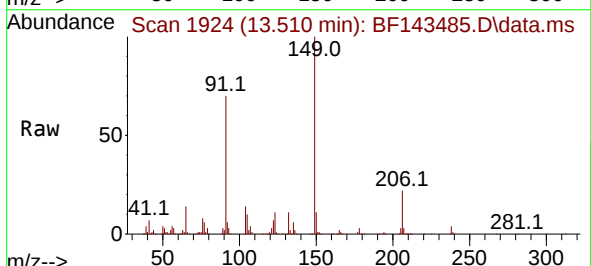
Tgt Ion:149 Resp: 271515

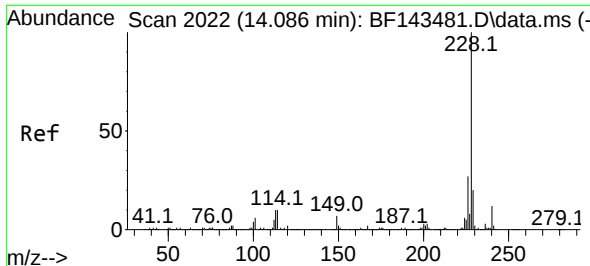
Ion Ratio Lower Upper

149 100

91 69.5 55.3 82.9

206 22.3 18.2 27.4

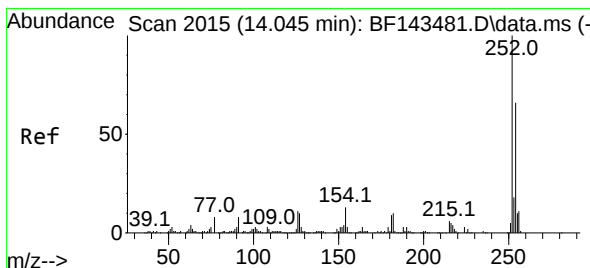
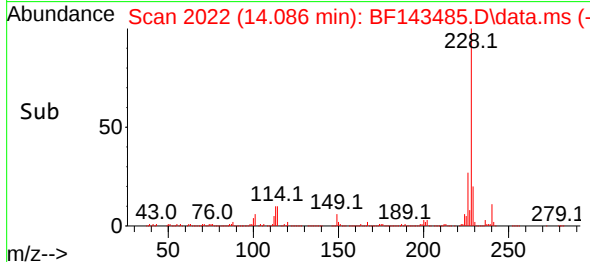
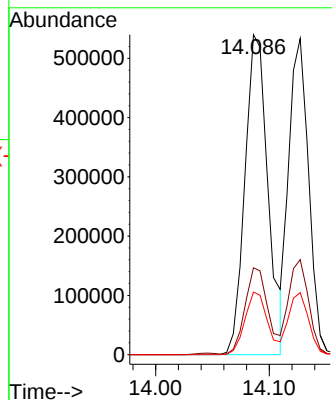
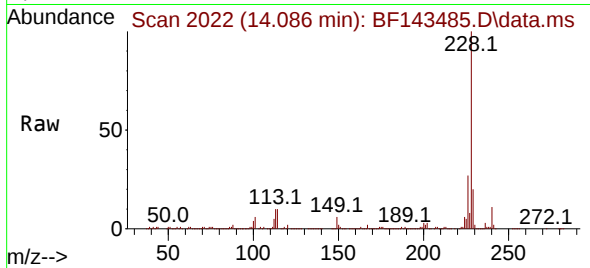




#81  
Benzo(a)anthracene  
Concen: 40.783 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

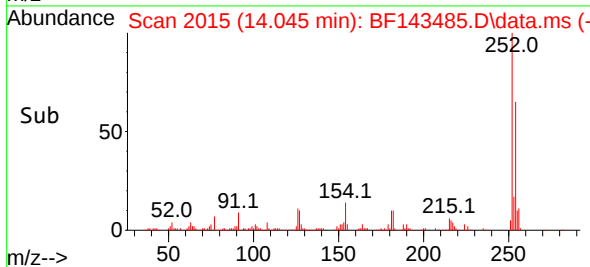
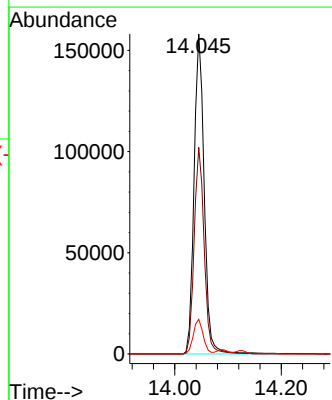
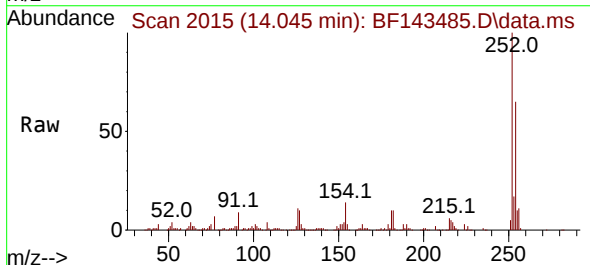
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

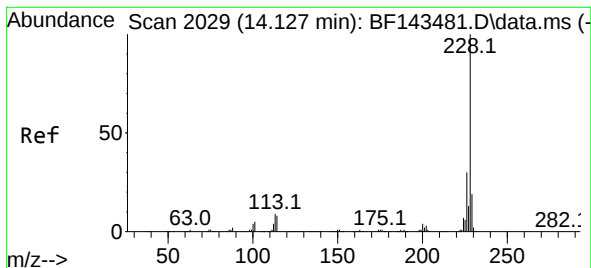
Tgt Ion:228 Resp: 763549  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 19.6 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 38.975 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:252 Resp: 208975  
Ion Ratio Lower Upper  
252 100  
254 64.5 52.6 79.0  
126 10.8 8.7 13.1





#83

Chrysene

Concen: 38.711 ng

RT: 14.127 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

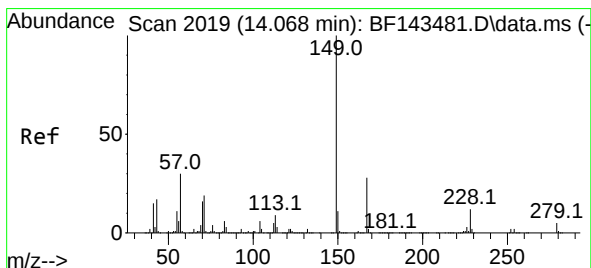
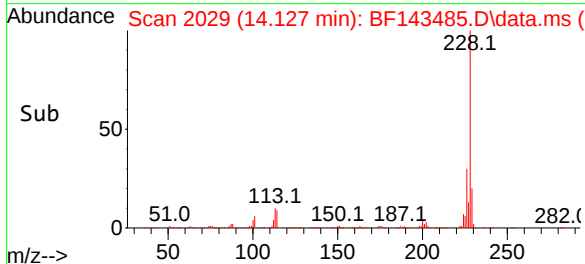
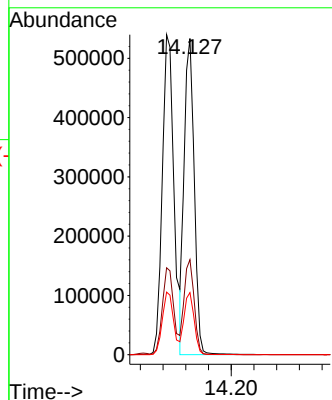
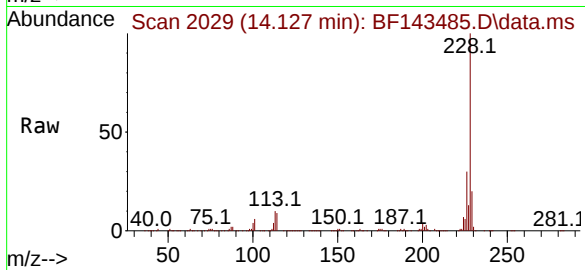
Tgt Ion:228 Resp: 651325

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.990 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

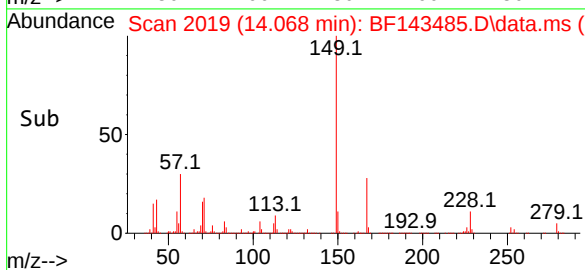
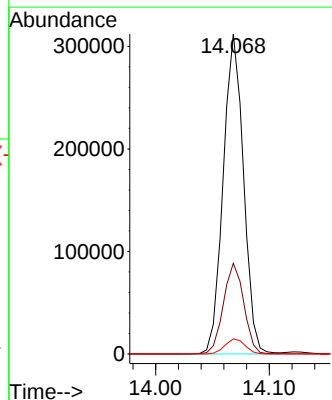
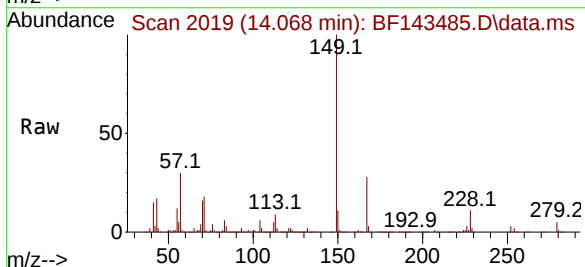
Tgt Ion:149 Resp: 388068

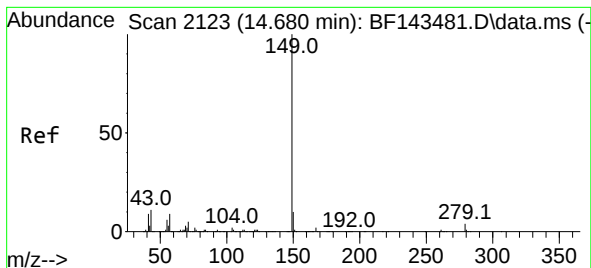
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 37.975 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

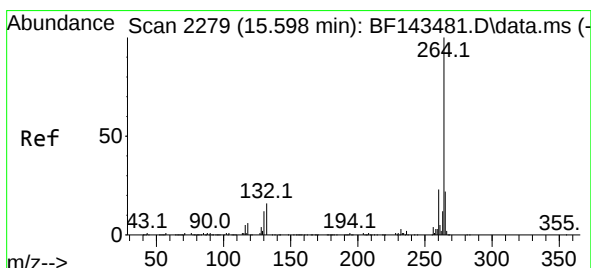
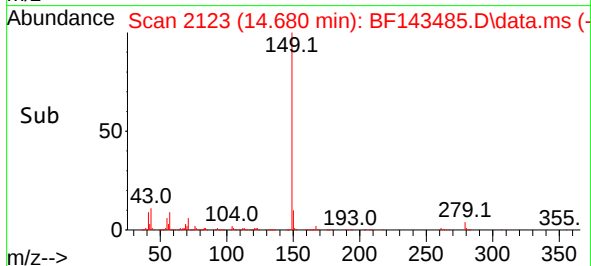
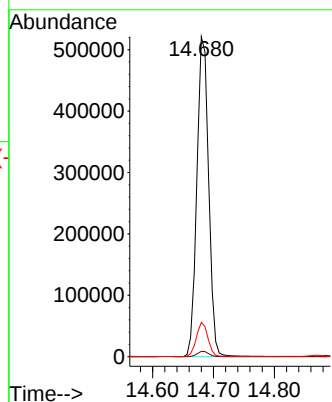
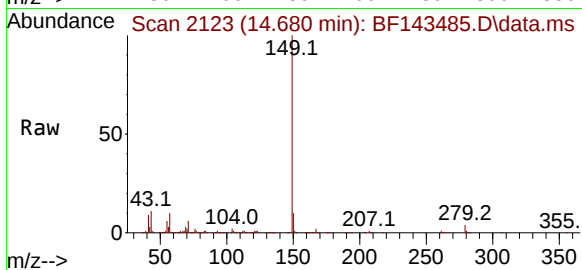
Tgt Ion:149 Resp: 700201

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.5 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

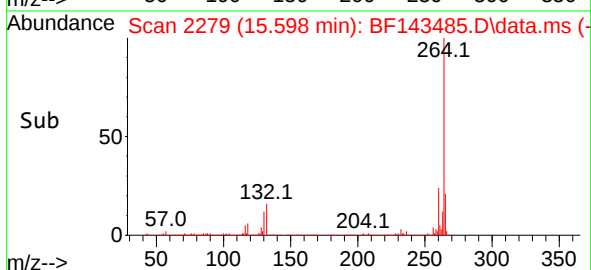
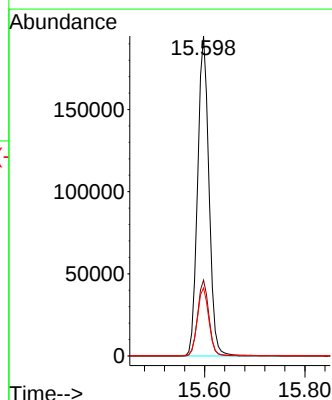
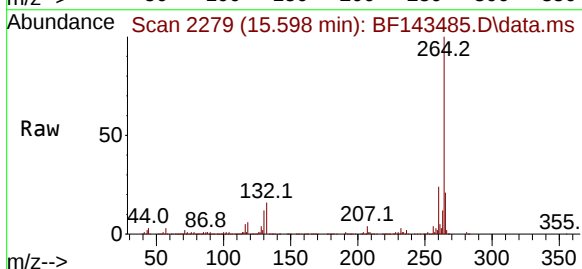
Tgt Ion:264 Resp: 304631

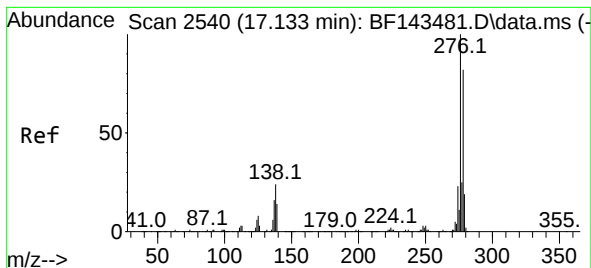
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.281 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

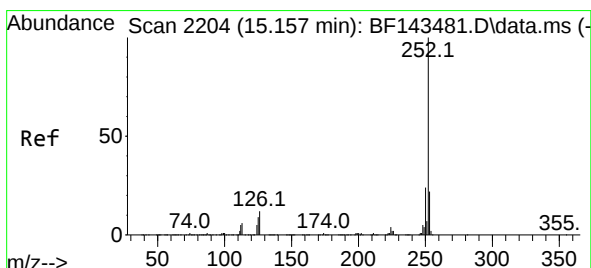
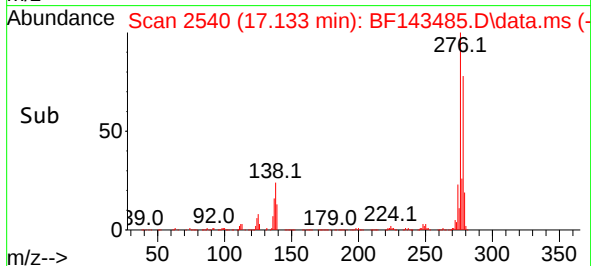
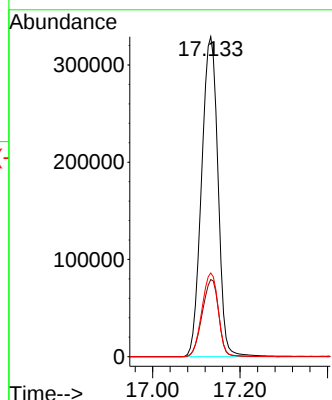
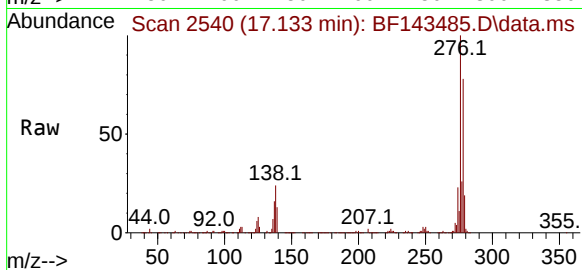
Tgt Ion:276 Resp: 859881

Ion Ratio Lower Upper

276 100

138 24.2 19.2 28.8

277 26.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.433 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

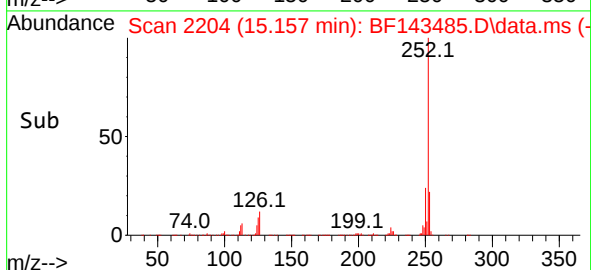
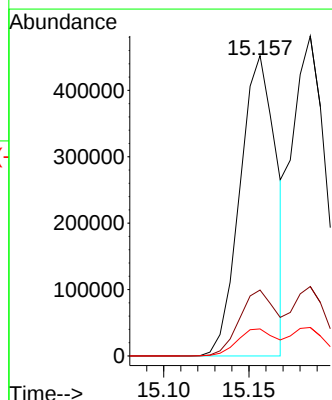
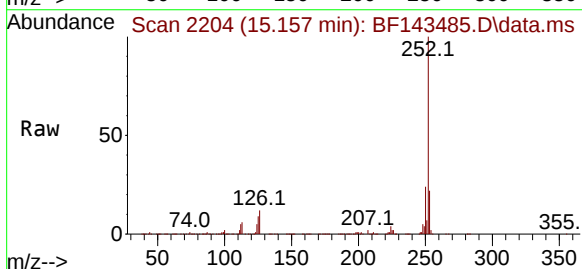
Tgt Ion:252 Resp: 667733

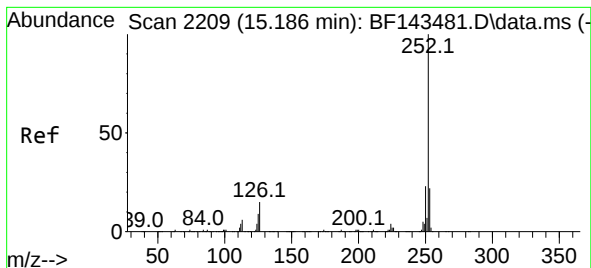
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 40.992 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

Instrument :

BNA\_F

ClientSampleId :

ICVBF082025

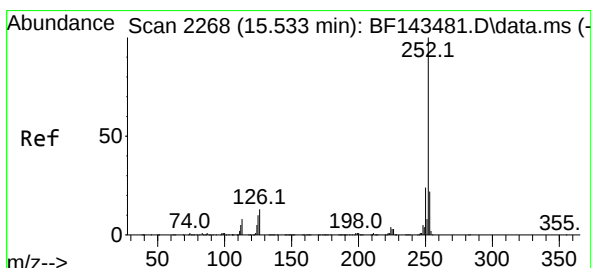
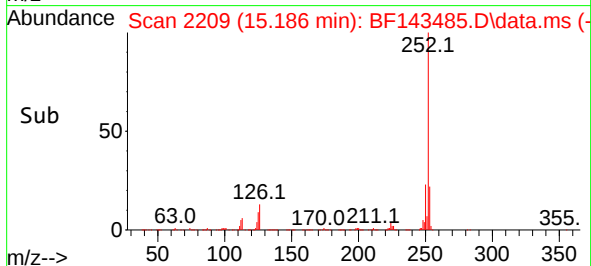
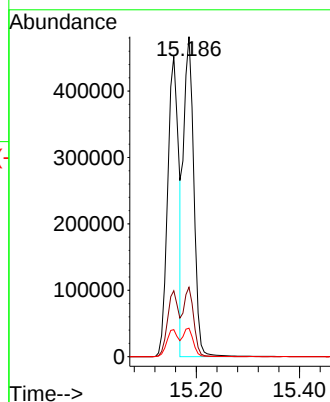
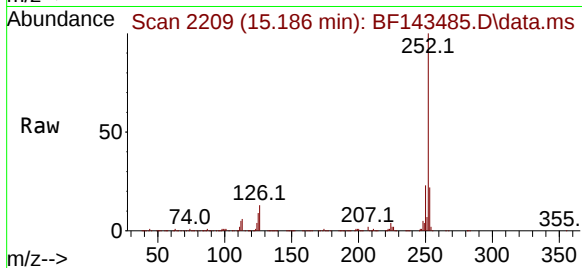
Tgt Ion:252 Resp: 664593

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 40.208 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143485.D

Acq: 20 Aug 2025 15:16

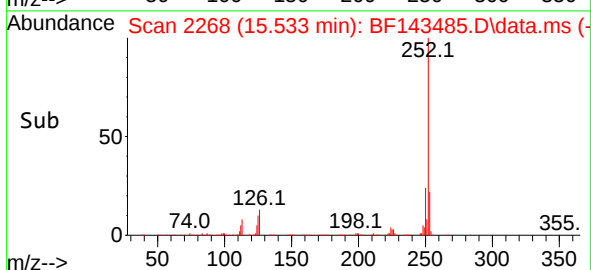
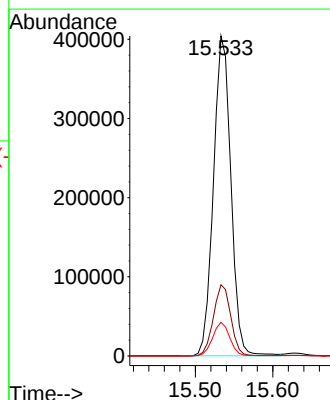
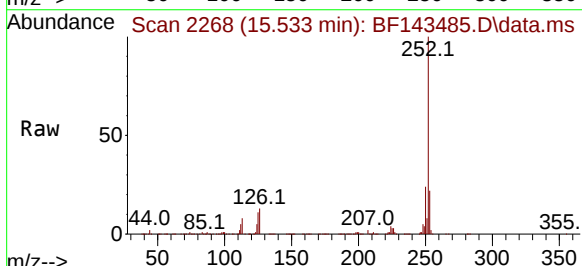
Tgt Ion:252 Resp: 631989

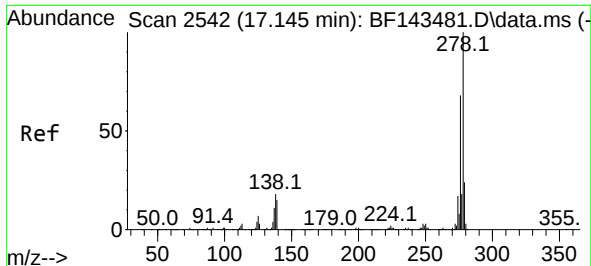
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.5 8.2 12.2

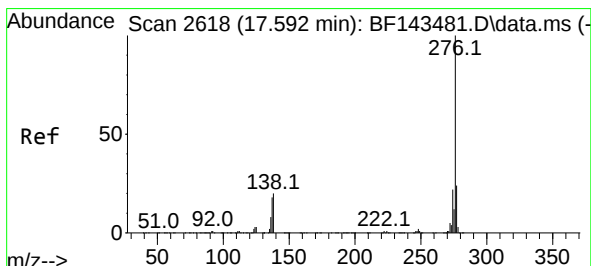
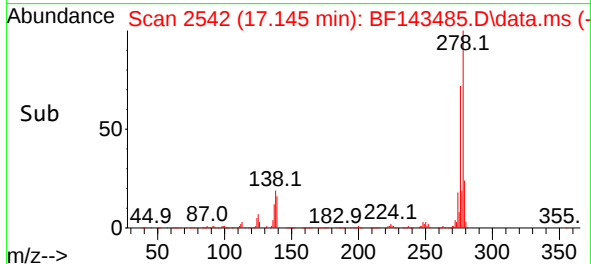
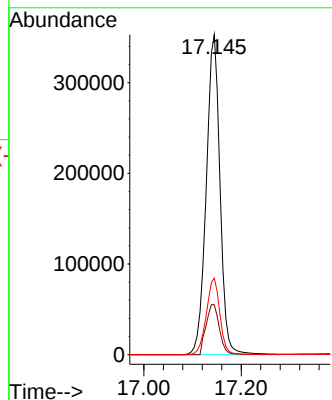
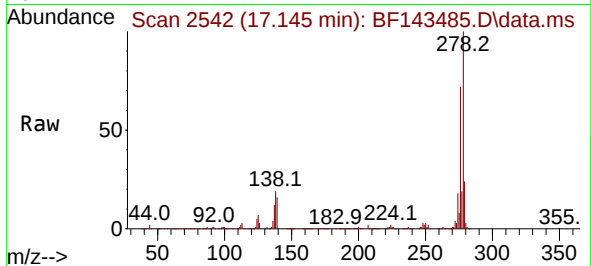




#91  
Dibenzo(a,h)anthracene  
Concen: 39.378 ng  
RT: 17.145 min Scan# 2542  
Delta R.T. -0.012 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF082025

Tgt Ion:278 Resp: 690364  
Ion Ratio Lower Upper  
278 100  
139 15.6 12.1 18.1  
279 23.9 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 39.992 ng  
RT: 17.592 min Scan# 2618  
Delta R.T. -0.012 min  
Lab File: BF143485.D  
Acq: 20 Aug 2025 15:16

Tgt Ion:276 Resp: 697169  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.9 28.3  
138 20.4 16.3 24.5

