

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030625\  
 Data File : BF141860.D  
 Acq On : 06 Mar 2025 10:52 am  
 Operator : RC/JU  
 Sample : PB166984BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166984BS

Quant Time: Mar 06 11:19:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| -----                     |        |      |          |       |       |          |
| Internal Standards        |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.887  | 152  | 222677   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.169  | 136  | 860348   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.922  | 164  | 467040   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.410 | 188  | 801941   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.045 | 240  | 537472   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.515 | 264  | 470320   | 20.00 | ng    | 0.00     |

|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.516  | 112 | 1701069 | 122.00 | ng | 0.02 |
| 7) Phenol-d6                | 6.510  | 99  | 2108392 | 116.17 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.445  | 82  | 1408232 | 104.63 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330 | 725902  | 165.56 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.239  | 172 | 2659506 | 91.31  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.992 | 244 | 3153921 | 94.94  | ng | 0.00 |

|                               |       |     |         |        |        |
|-------------------------------|-------|-----|---------|--------|--------|
| Target Compounds              |       |     |         |        | Qvalue |
| 2) 1,4-Dioxane                | 2.763 | 88  | 226101  | 35.74  | ng 97  |
| 3) Pyridine                   | 3.522 | 79  | 549854  | 34.93  | ng 96  |
| 4) n-Nitrosodimethylamine     | 3.469 | 42  | 285971  | 37.76  | ng 99  |
| 6) Aniline                    | 6.551 | 93  | 522189  | 27.68  | ng 99  |
| 8) 2-Chlorophenol             | 6.669 | 128 | 628313  | 41.66  | ng 96  |
| 9) Benzaldehyde               | 6.434 | 77  | 225786  | 21.39  | ng 99  |
| 10) Phenol                    | 6.522 | 94  | 741067  | 38.21  | ng 97  |
| 11) bis(2-Chloroethyl)ether   | 6.622 | 93  | 565937  | 38.28  | ng 96  |
| 12) 1,3-Dichlorobenzene       | 6.828 | 146 | 656353  | 40.63  | ng 99  |
| 13) 1,4-Dichlorobenzene       | 6.904 | 146 | 663658  | 40.78  | ng 99  |
| 14) 1,2-Dichlorobenzene       | 7.057 | 146 | 641692  | 42.22  | ng 99  |
| 15) Benzyl Alcohol            | 7.022 | 79  | 556826  | 38.39  | ng 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157 | 45  | 756011  | 33.67  | ng 96  |
| 17) 2-Methylphenol            | 7.134 | 107 | 501492  | 40.28  | ng 98  |
| 18) Hexachloroethane          | 7.398 | 117 | 250476  | 41.12  | ng 96  |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70  | 427099  | 35.80  | ng 98  |
| 20) 3+4-Methylphenols         | 7.281 | 107 | 621360  | 40.08  | ng 94  |
| 22) Acetophenone              | 7.292 | 105 | 924853  | 44.14  | ng 99  |
| 24) Nitrobenzene              | 7.463 | 77  | 656445  | 45.54  | ng 100 |
| 25) Isophorone                | 7.704 | 82  | 1189358 | 41.13  | ng 99  |
| 26) 2-Nitrophenol             | 7.781 | 139 | 317830  | 49.23  | ng 98  |
| 27) 2,4-Dimethylphenol        | 7.810 | 122 | 545219  | 51.29  | ng 99  |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93  | 709782  | 38.48  | ng 99  |
| 29) 2,4-Dichlorophenol        | 8.016 | 162 | 509337  | 41.54  | ng 100 |
| 30) 1,2,4-Trichlorobenzene    | 8.104 | 180 | 565708  | 42.10  | ng 99  |
| 31) Naphthalene               | 8.187 | 128 | 1798156 | 40.67  | ng 99  |
| 32) Benzoic acid              | 7.928 | 122 | 436083  | 48.97  | ng 98  |
| 33) 4-Chloroaniline           | 8.228 | 127 | 196072  | 12.09  | ng 98  |
| 34) Hexachlorobutadiene       | 8.304 | 225 | 363439  | 43.53  | ng 99  |
| 35) Caprolactam               | 8.639 | 113 | 72216   | 19.14  | ng 89  |
| 36) 4-Chloro-3-methylphenol   | 8.710 | 107 | 555267  | 40.76  | ng 97  |
| 37) 2-Methylnaphthalene       | 8.881 | 142 | 1136178 | 39.17  | ng 100 |
| 38) 1-Methylnaphthalene       | 8.981 | 142 | 1106172 | 39.75  | ng 99  |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 621149  | 46.05  | ng 99  |
| 41) Hexachlorocyclopentadiene | 9.034 | 237 | 830196  | 147.48 | ng 100 |
| 43) 2,4,6-Trichlorophenol     | 9.151 | 196 | 381567  | 43.79  | ng 99  |

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 ALS Vial : 4 Sample Multiplier: 1

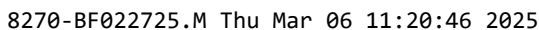
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166984BS

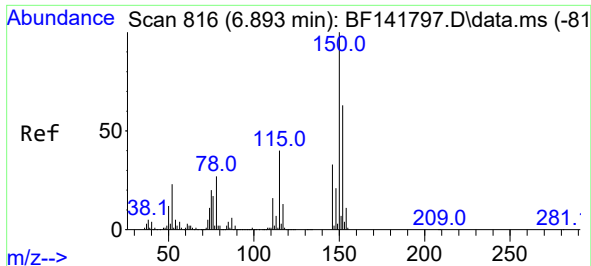
Quant Time: Mar 06 11:19:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 393469   | 45.60  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1611215  | 45.32  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 1098889  | 41.88  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 341789   | 47.63  | ng    | 97       |
| 49) Acenaphthylene            | 9.786  | 152  | 1713470  | 43.56  | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 1313815  | 42.01  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 288768   | 48.25  | ng    | 92       |
| 52) Acenaphthene              | 9.957  | 154  | 1266215  | 47.70  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 153204   | 25.52  | ng    | # 95     |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 346122   | 111.08 | ng    | # 1      |
| 55) Dibenzofuran              | 10.128 | 168  | 1544243  | 39.97  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 525883   | 113.84 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 401637   | 54.45  | ng    | 95       |
| 58) Fluorene                  | 10.469 | 166  | 1226351  | 42.38  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 338195   | 45.07  | ng    | 98       |
| 60) Diethylphthalate          | 10.345 | 149  | 1281425  | 40.87  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 612702   | 42.26  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 293220   | 54.90  | ng    | 97       |
| 63) Azobenzene                | 10.622 | 77   | 1253041  | 37.96  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 220801   | 56.70  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 1071992  | 40.71  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 391710   | 41.82  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 432837   | 43.76  | ng    | 99       |
| 69) Atrazine                  | 11.104 | 200  | 433249   | 59.83  | ng    | 100      |
| 70) Pentachlorophenol         | 11.210 | 266  | 574113   | 91.52  | ng    | 100      |
| 71) Phenanthrene              | 11.433 | 178  | 1812700  | 42.26  | ng    | 100      |
| 72) Anthracene                | 11.486 | 178  | 1854922  | 43.15  | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 1634694  | 43.06  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 1951706  | 40.56  | ng    | 100      |
| 75) Fluoranthene              | 12.616 | 202  | 1922924  | 43.75  | ng    | 98       |
| 77) Benzidine                 | 12.733 | 184  | 493167   | 72.90  | ng    | 100      |
| 78) Pyrene                    | 12.845 | 202  | 1941461  | 41.71  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 730230   | 43.18  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1506856  | 42.45  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 219648   | 21.56  | ng    | 99       |
| 83) Chrysene                  | 14.069 | 228  | 1403466  | 42.89  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 932426   | 44.29  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1360035  | 43.15  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 1416313  | 47.29  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1297204  | 40.49  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 1099133  | 40.36  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 1136844  | 44.25  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.027 | 278  | 1137230  | 46.52  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.457 | 276  | 1105086  | 44.13  | ng    | 97       |

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

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QLast Update : Fri Feb 28 01:48:16 2025  
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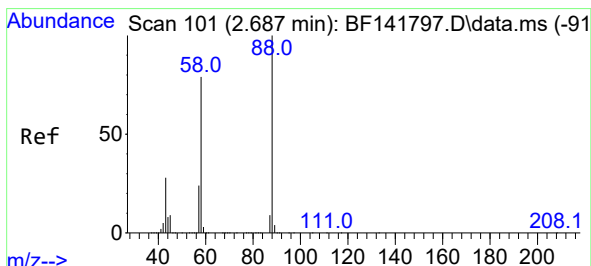
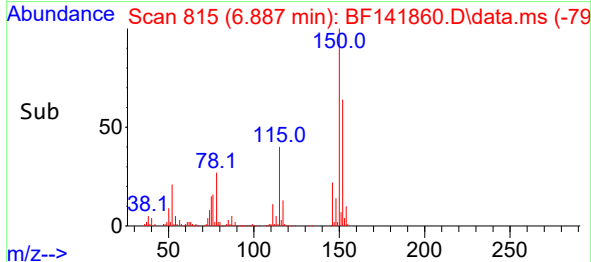
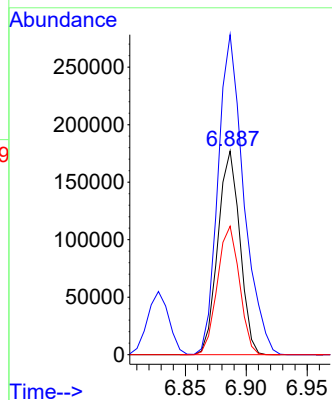
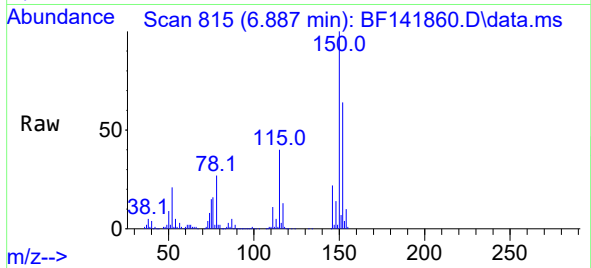




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.887 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

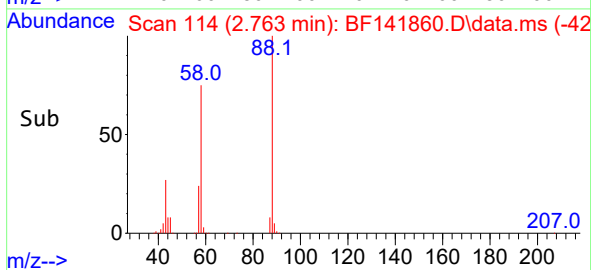
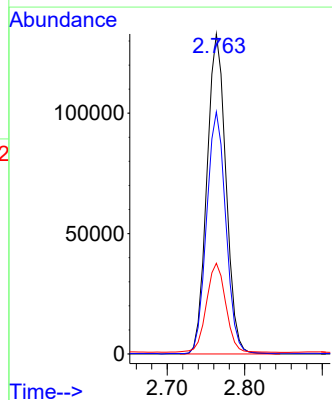
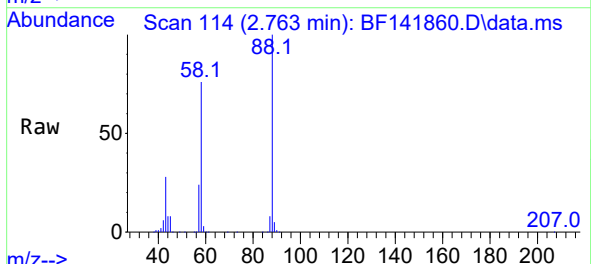
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

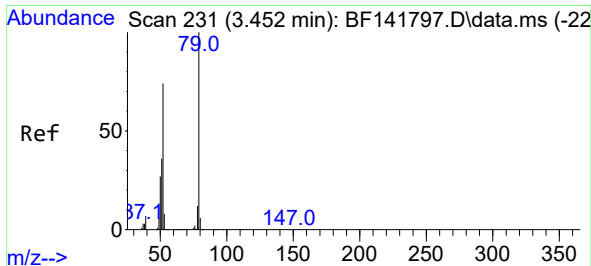
Tgt Ion:152 Resp: 222677  
Ion Ratio Lower Upper  
152 100  
150 157.1 127.5 191.3  
115 63.1 51.4 77.2



#2  
1,4-Dioxane  
Concen: 35.74 ng  
RT: 2.763 min Scan# 114  
Delta R.T. 0.076 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion: 88 Resp: 226101  
Ion Ratio Lower Upper  
88 100  
58 76.9 63.9 95.9  
43 28.3 23.0 34.6

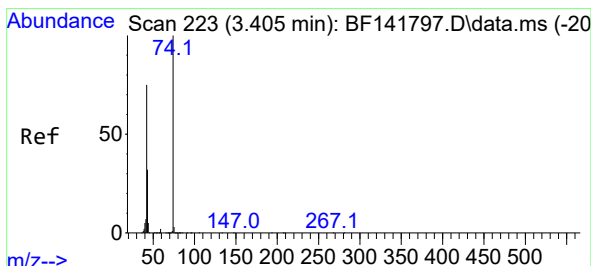
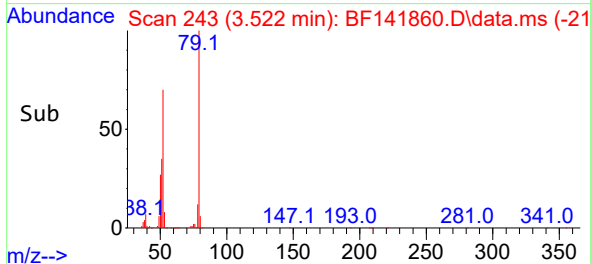
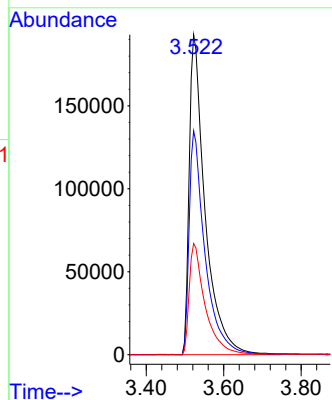
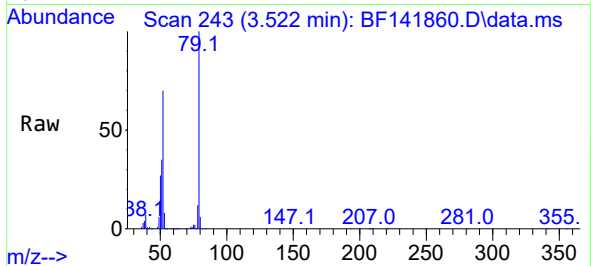




#3  
 Pyridine  
 Concen: 34.93 ng  
 RT: 3.522 min Scan# 24  
 Delta R.T. 0.070 min  
 Lab File: BF141860.D  
 Acq: 06 Mar 2025 10:52

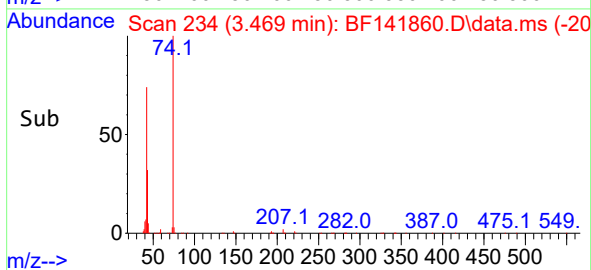
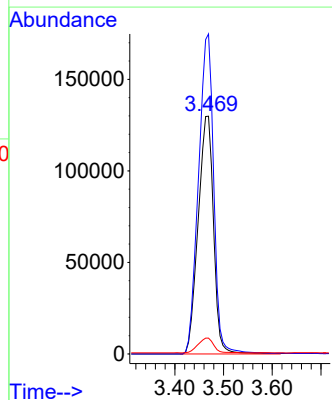
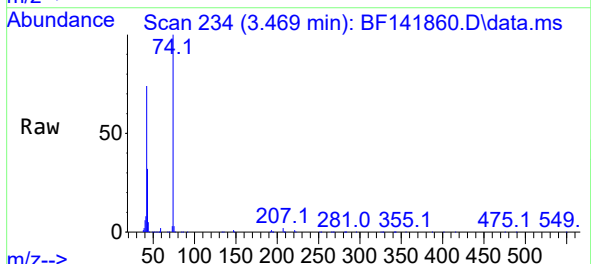
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166984BS

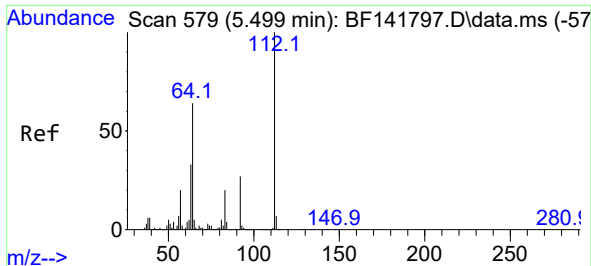
Tgt Ion: 79 Resp: 549854  
 Ion Ratio Lower Upper  
 79 100  
 52 69.9 59.0 88.4  
 51 34.8 29.0 43.4



#4  
 n-Nitrosodimethylamine  
 Concen: 37.76 ng  
 RT: 3.469 min Scan# 234  
 Delta R.T. 0.065 min  
 Lab File: BF141860.D  
 Acq: 06 Mar 2025 10:52 am

Tgt Ion: 42 Resp: 285971  
 Ion Ratio Lower Upper  
 42 100  
 74 134.6 107.1 160.7  
 44 6.7 6.6 9.8

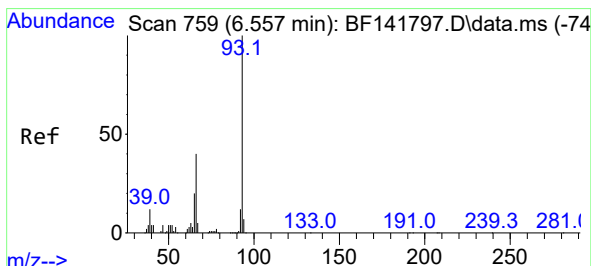
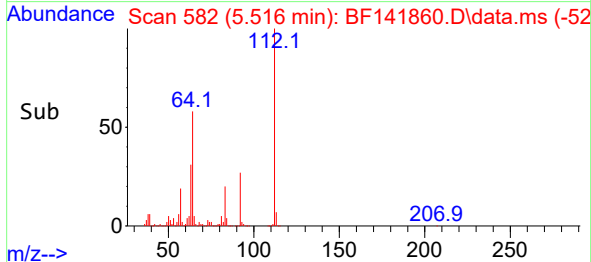
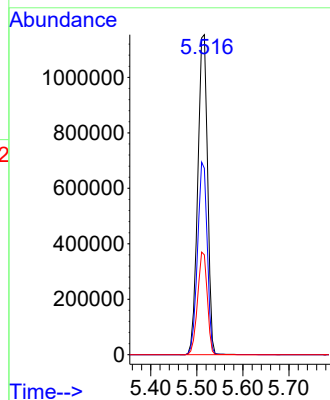
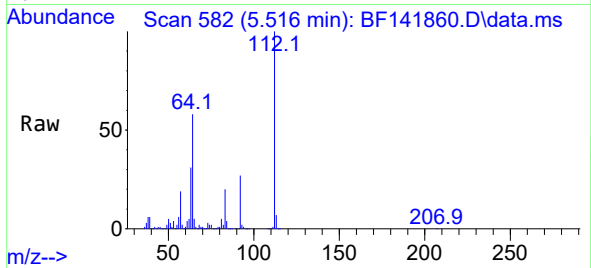




#5  
2-Fluorophenol  
Concen: 122.00 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

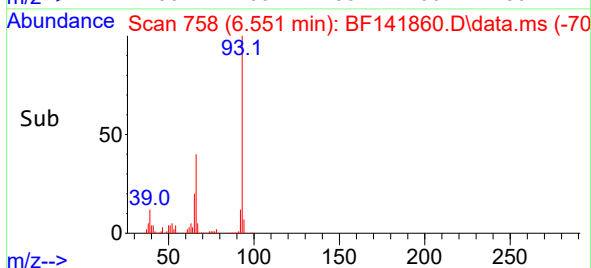
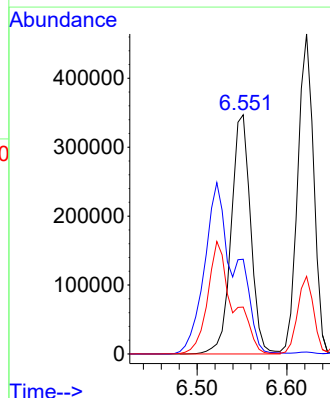
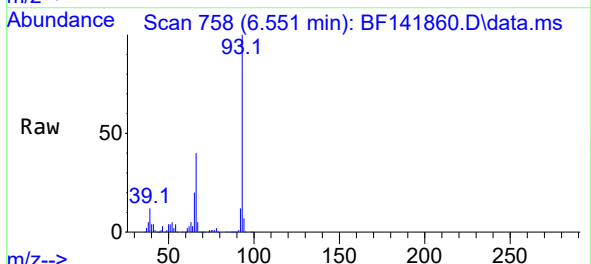
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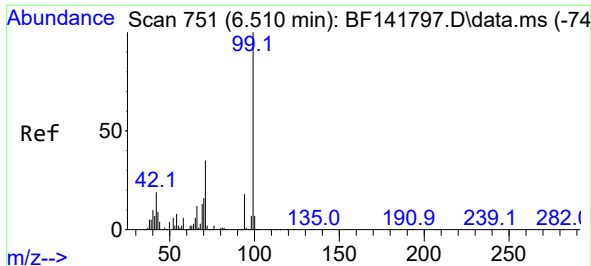
Tgt Ion:112 Resp: 1701069  
Ion Ratio Lower Upper  
112 100  
64 58.3 51.3 76.9  
63 31.2 26.2 39.4



#6  
Aniline  
Concen: 27.68 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion: 93 Resp: 522189  
Ion Ratio Lower Upper  
93 100  
66 39.6 32.3 48.5  
65 19.6 15.9 23.9



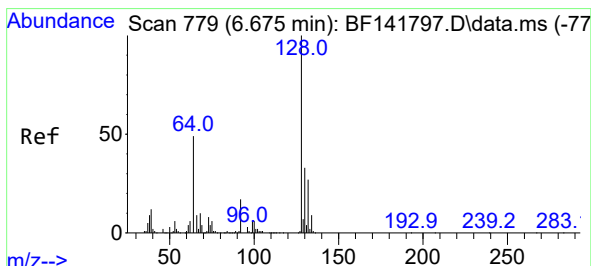
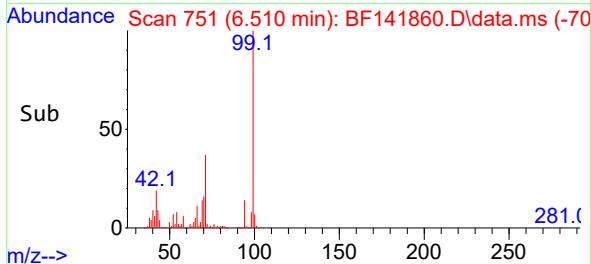
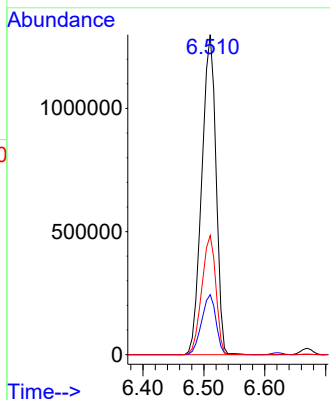
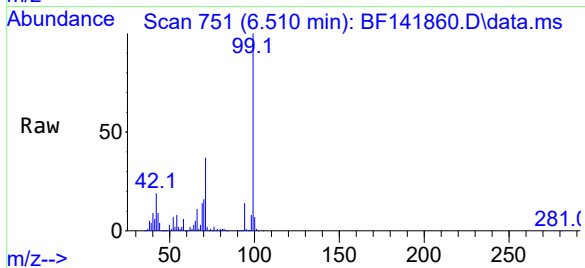


#7  
Phenol-d6  
Concen: 116.17 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

Tgt Ion: 99 Resp: 2108392

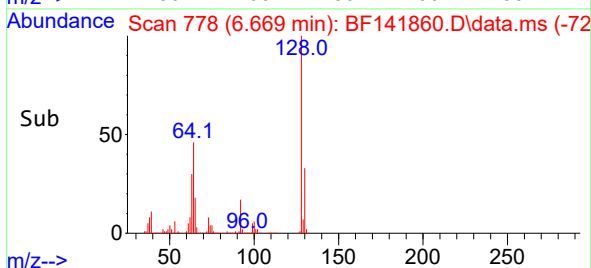
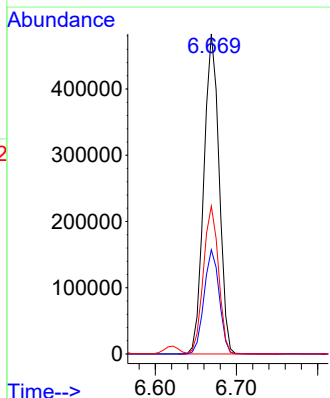
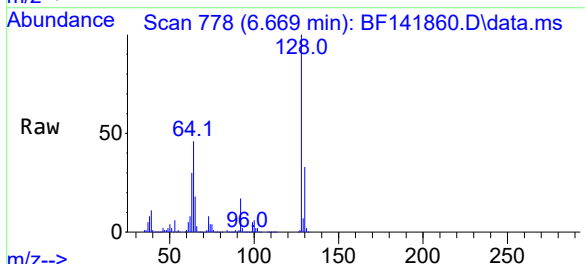
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.8  | 15.2  | 22.8  |
| 71  | 37.3  | 28.2  | 42.2  |

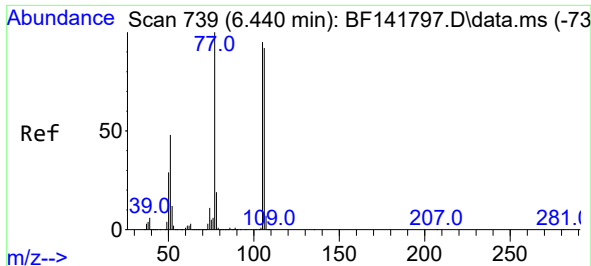


#8  
2-Chlorophenol  
Concen: 41.66 ng  
RT: 6.669 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:128 Resp: 628313

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 12.6  | 52.6  |
| 64  | 46.2  | 31.1  | 71.1  |

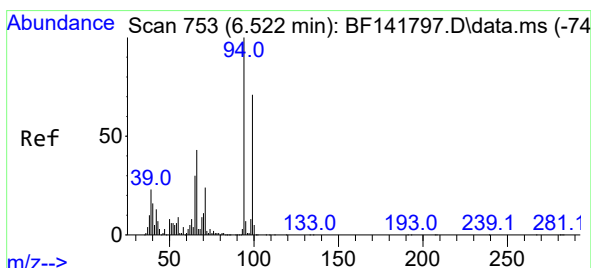
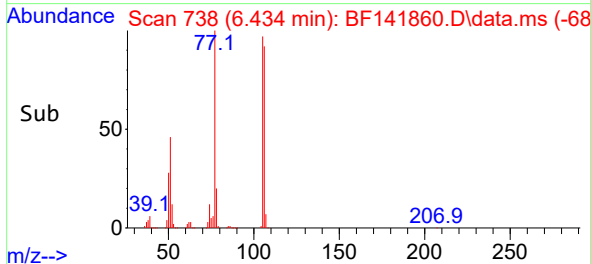
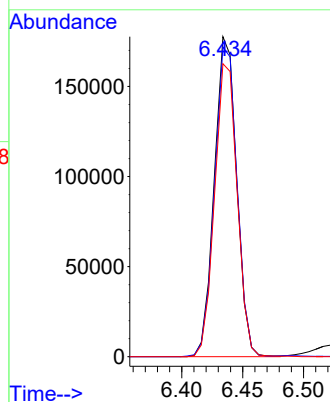
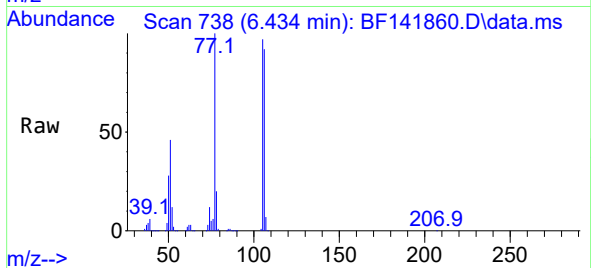




#9  
Benzaldehyde  
Concen: 21.39 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

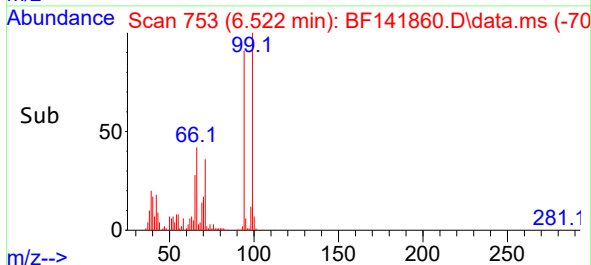
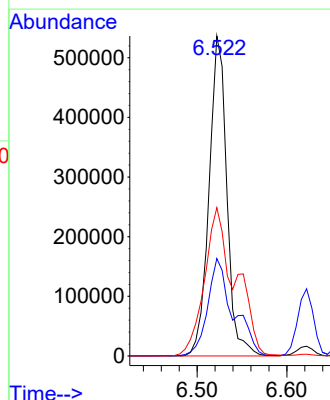
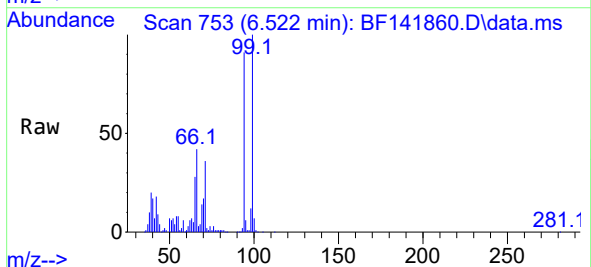
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

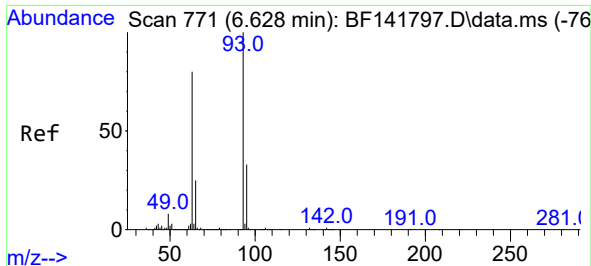
Tgt Ion: 77 Resp: 225786  
Ion Ratio Lower Upper  
77 100  
105 96.8 75.3 115.3  
106 91.5 72.3 112.3



#10  
Phenol  
Concen: 38.21 ng  
RT: 6.522 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion: 94 Resp: 741067  
Ion Ratio Lower Upper  
94 100  
65 30.4 10.2 50.2  
66 46.3 23.2 63.2

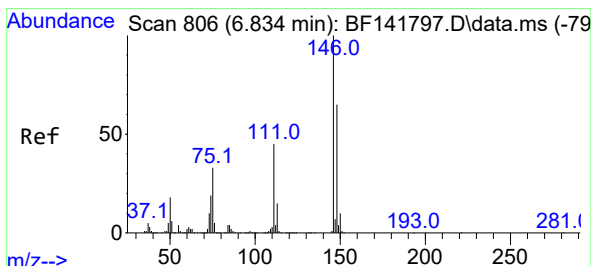
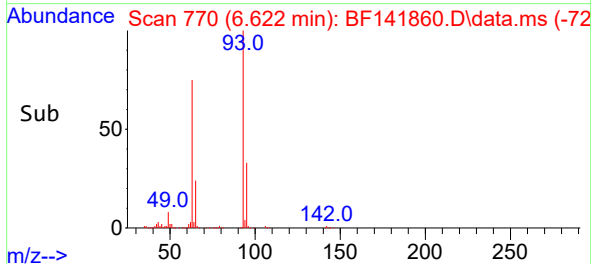
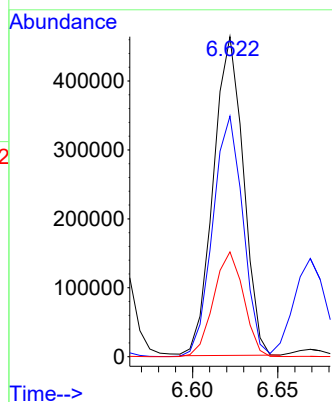
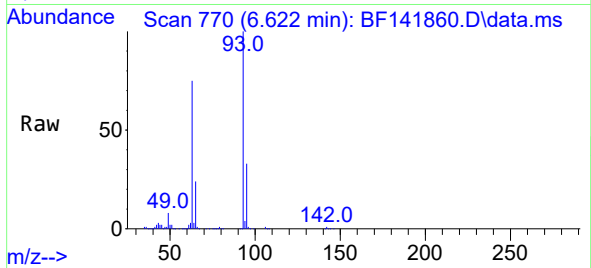




#11  
bis(2-Chloroethyl)ether  
Concen: 38.28 ng  
RT: 6.622 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

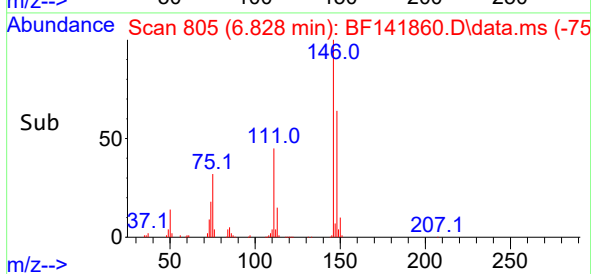
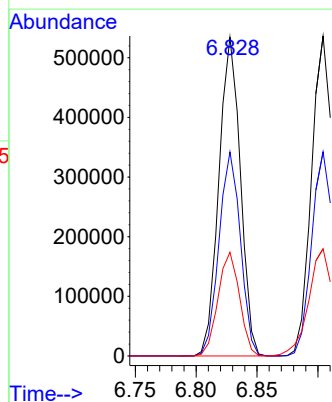
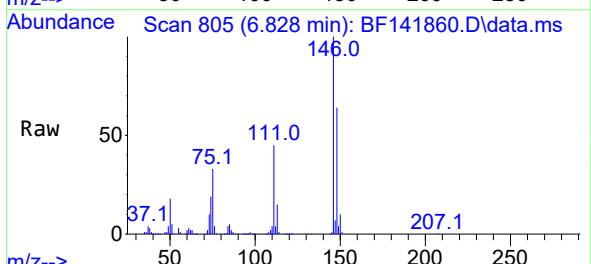
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

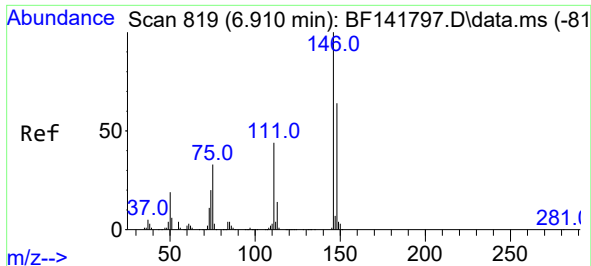
Tgt Ion: 93 Resp: 565937  
Ion Ratio Lower Upper  
93 100  
63 75.1 59.3 99.3  
95 32.7 13.2 53.2



#12  
1,3-Dichlorobenzene  
Concen: 40.63 ng  
RT: 6.828 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:146 Resp: 656353  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.8 77.6  
75 32.5 26.2 39.4

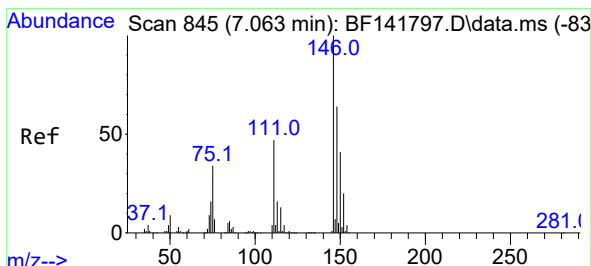
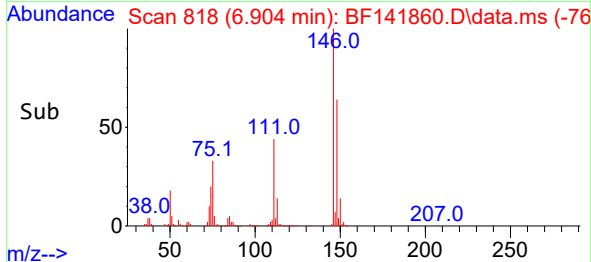
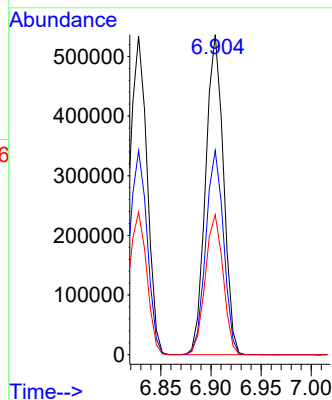
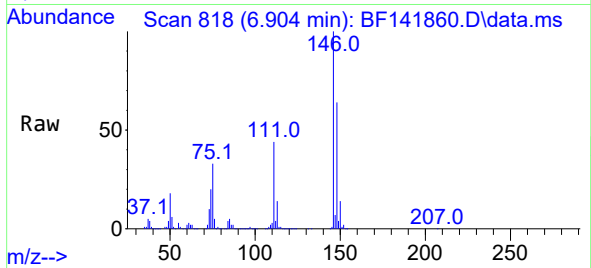




#13  
1,4-Dichlorobenzene  
Concen: 40.78 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

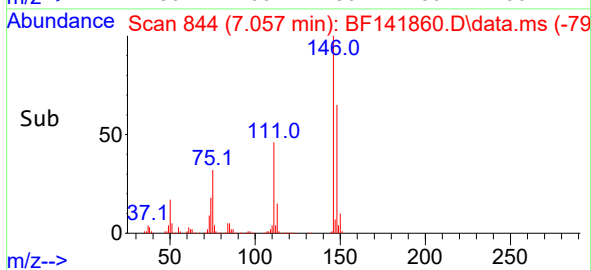
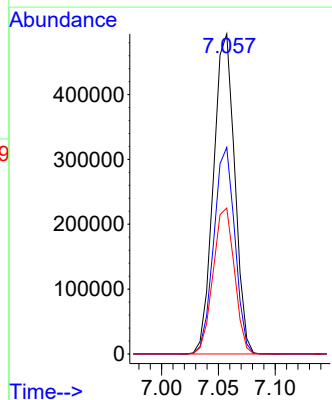
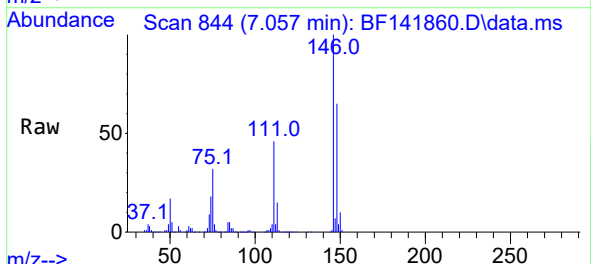
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

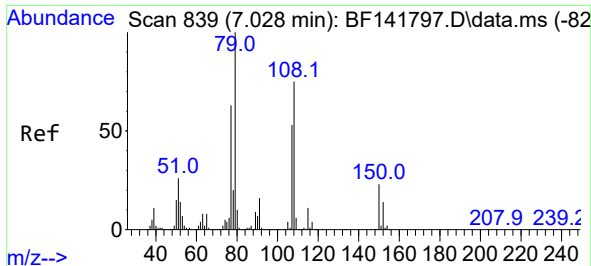
Tgt Ion:146 Resp: 663658  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.4 77.2  
111 43.8 35.5 53.3



#14  
1,2-Dichlorobenzene  
Concen: 42.22 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:146 Resp: 641692  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.2 76.8  
111 45.6 37.8 56.6

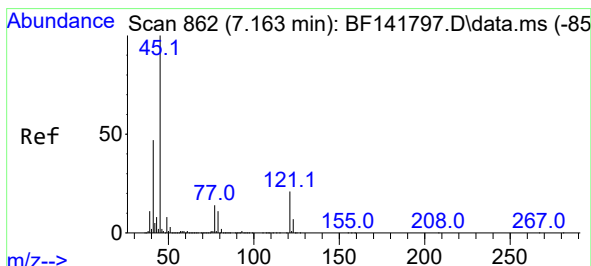
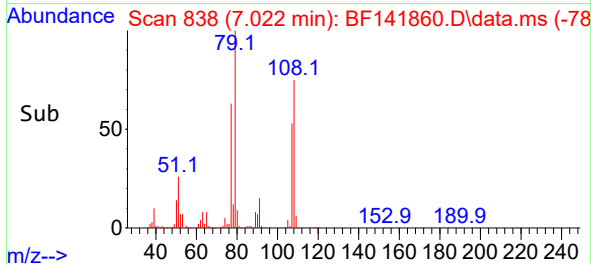
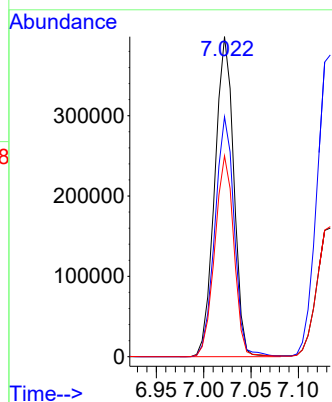
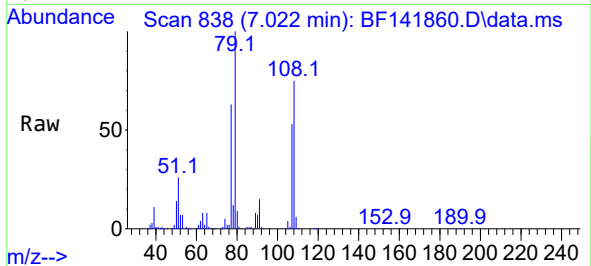




#15  
Benzyl Alcohol  
Concen: 38.39 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

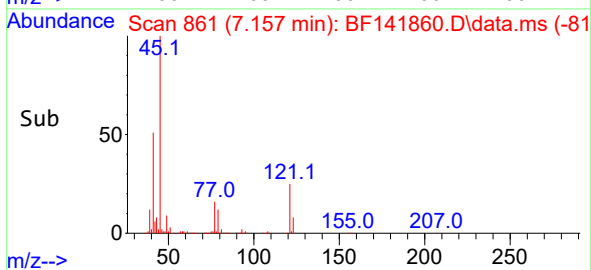
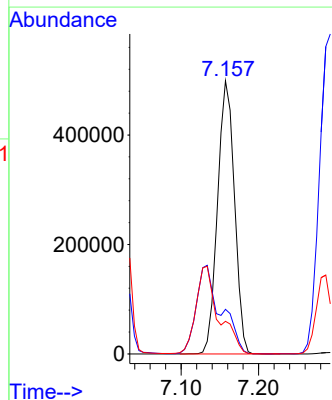
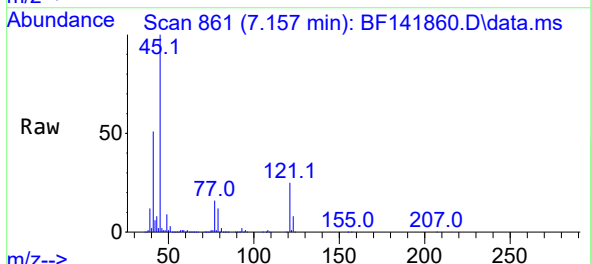
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

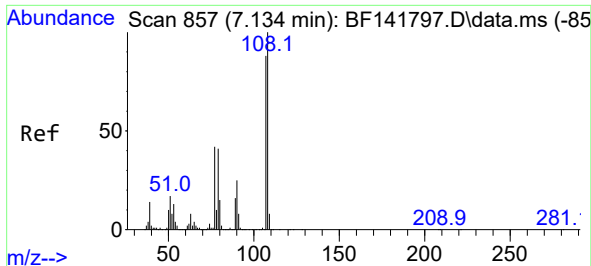
Tgt Ion: 79 Resp: 556826  
Ion Ratio Lower Upper  
79 100  
108 75.0 60.2 90.2  
77 62.7 50.2 75.2



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 33.67 ng  
RT: 7.157 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion: 45 Resp: 756011  
Ion Ratio Lower Upper  
45 100  
77 16.3 0.0 34.4  
79 12.0 0.0 30.9

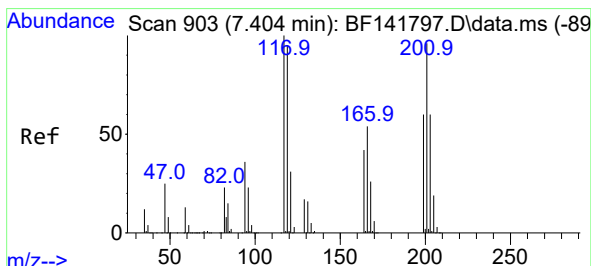
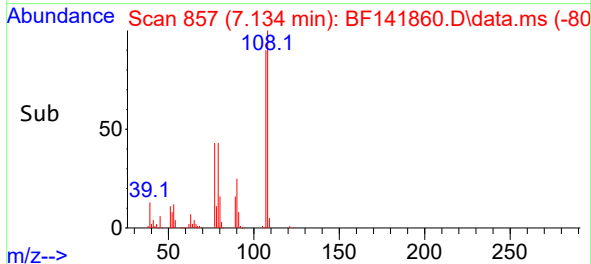
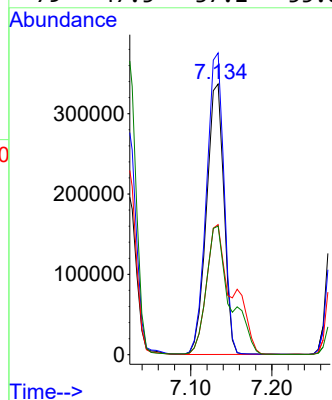
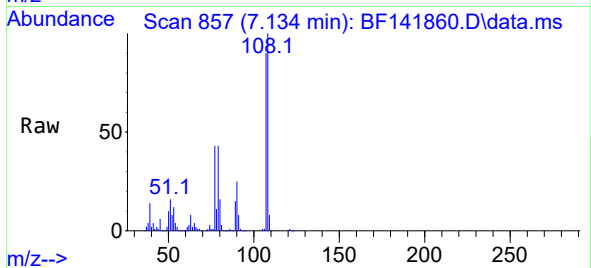




#17  
2-Methylphenol  
Concen: 40.28 ng  
RT: 7.134 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

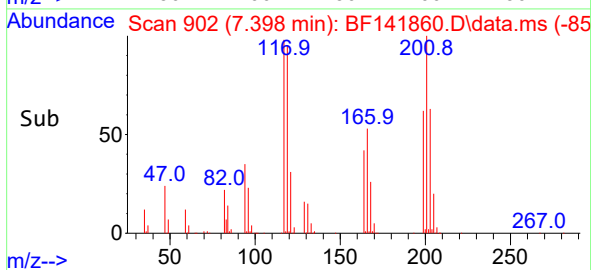
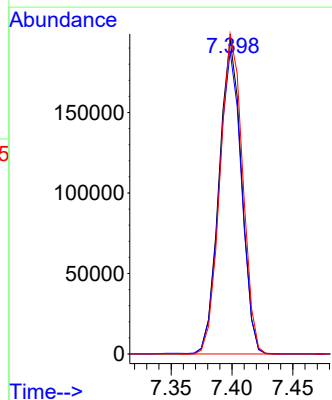
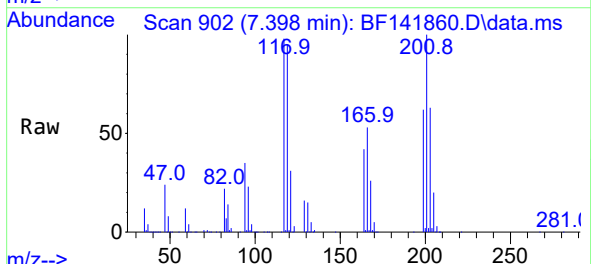
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

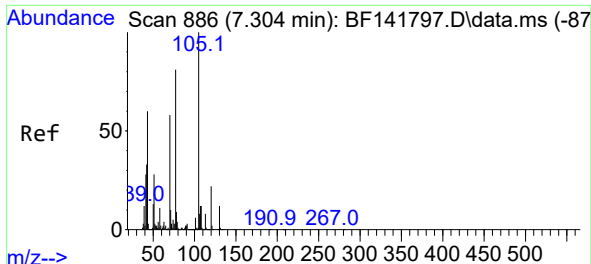
Tgt Ion:107 Resp: 501492  
Ion Ratio Lower Upper  
107 100  
108 111.5 90.6 135.8  
77 48.1 37.7 56.5  
79 47.5 37.2 55.8



#18  
Hexachloroethane  
Concen: 41.12 ng  
RT: 7.398 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:117 Resp: 250476  
Ion Ratio Lower Upper  
117 100  
119 96.1 75.8 113.8  
201 101.7 76.7 115.1

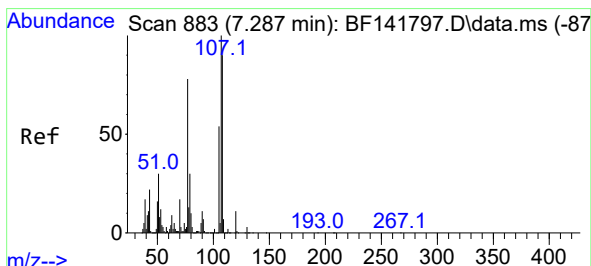
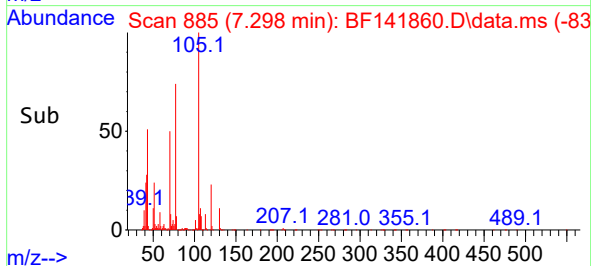
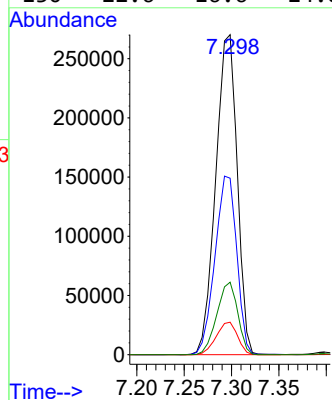
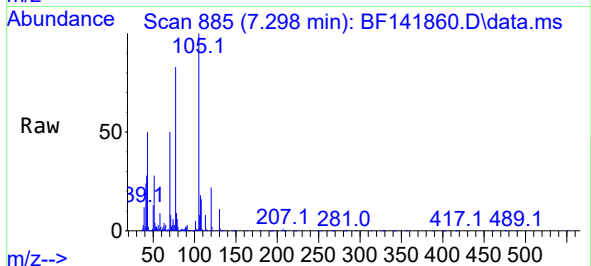




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.80 ng  
RT: 7.298 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

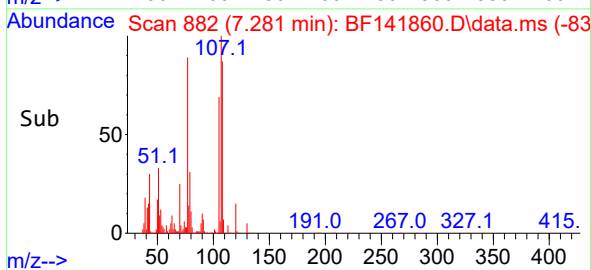
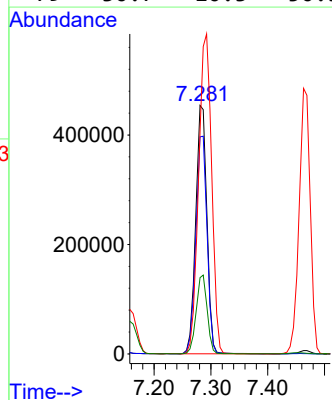
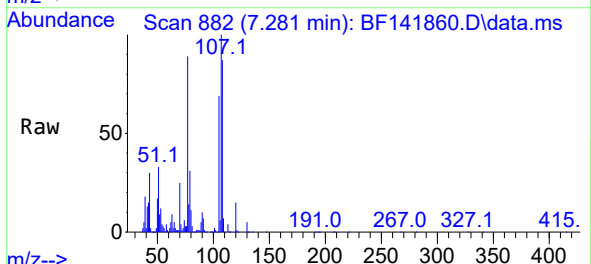
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

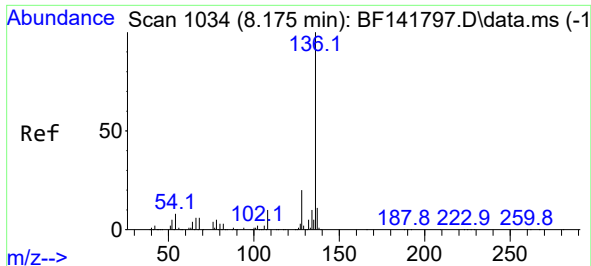
Tgt Ion: 70 Resp: 427099  
Ion Ratio Lower Upper  
70 100  
42 55.2 45.4 68.0  
101 10.1 7.8 11.8  
130 22.6 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 40.08 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

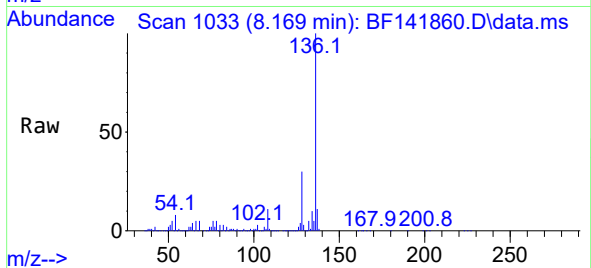
Tgt Ion:107 Resp: 621360  
Ion Ratio Lower Upper  
107 100  
108 87.4 69.7 109.7  
77 89.3 58.3 98.3  
79 30.7 10.3 50.3



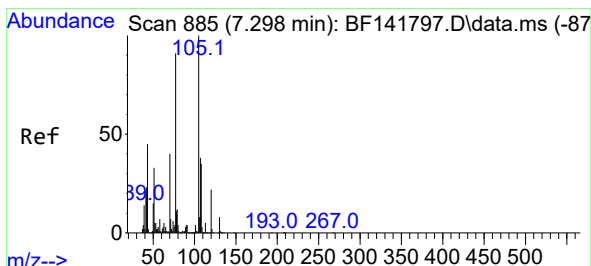
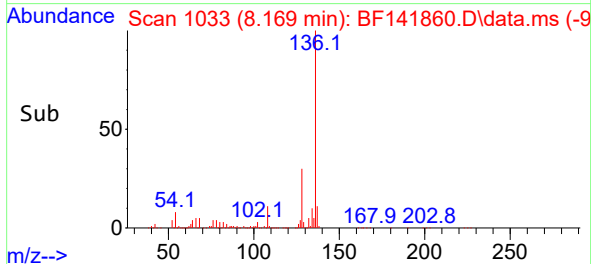
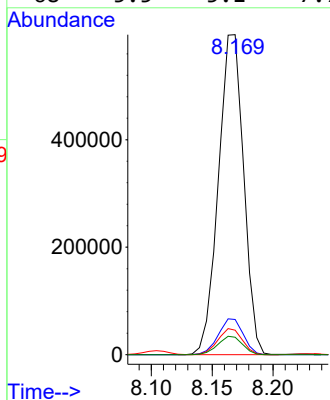


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

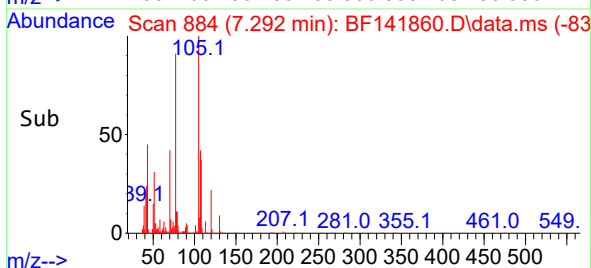
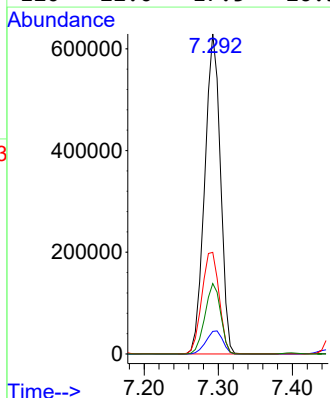
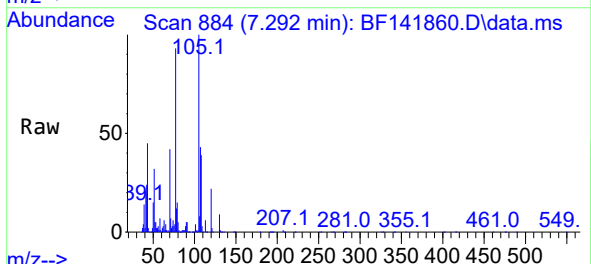


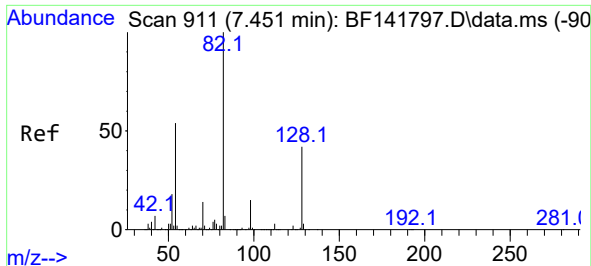
Tgt Ion:136 Resp: 860348  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.6 6.9 10.3  
68 5.5 5.1 7.7



#22  
Acetophenone  
Concen: 44.14 ng  
RT: 7.292 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:105 Resp: 924853  
Ion Ratio Lower Upper  
105 100  
71 7.0 5.4 8.0  
51 31.7 26.1 39.1  
120 22.0 17.5 26.3





#23

Nitrobenzene-d5

Concen: 104.63 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

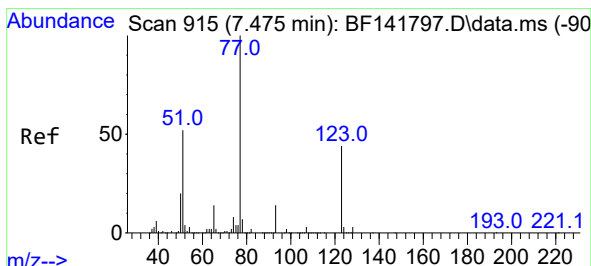
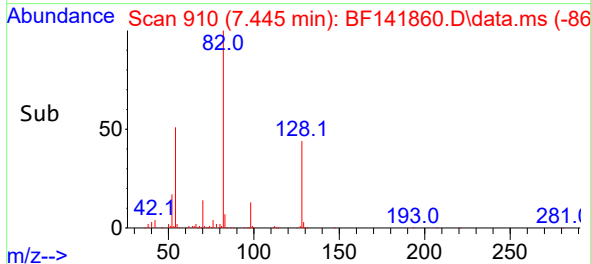
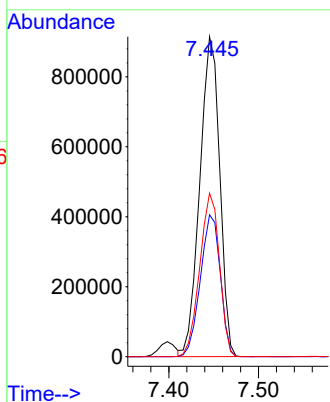
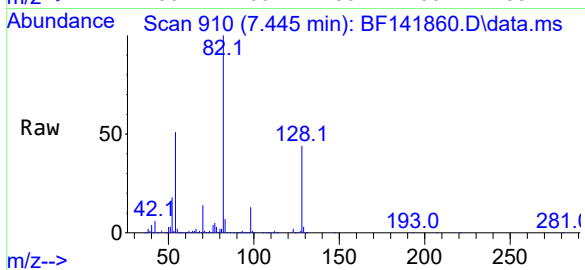
BNA\_F

ClientSampleId :

PB166984BS

Tgt Ion: 82 Resp: 1408232

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.3  | 33.5  | 50.3  |
| 54  | 51.1  | 42.7  | 64.1  |



#24

Nitrobenzene

Concen: 45.54 ng

RT: 7.463 min Scan# 913

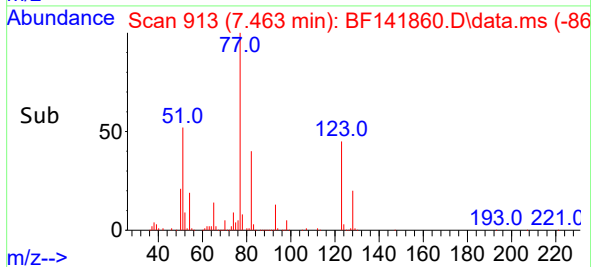
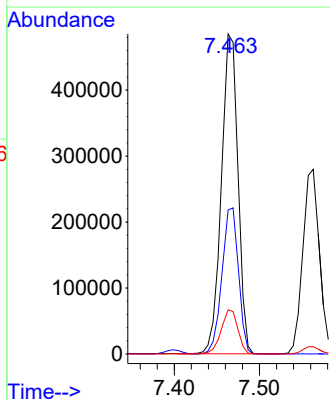
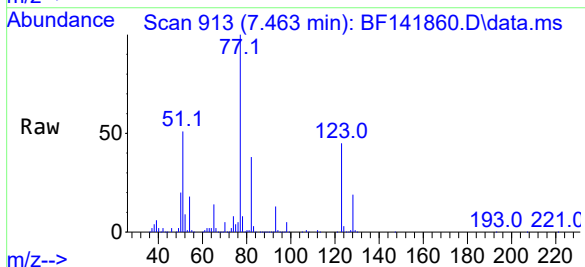
Delta R.T. -0.012 min

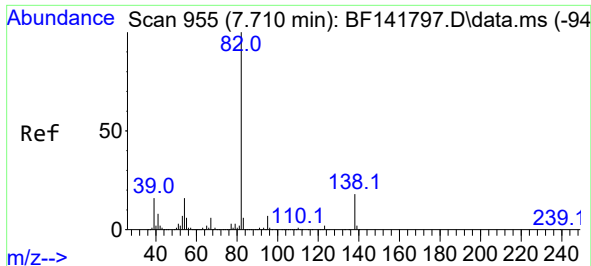
Lab File: BF141860.D

Acq: 06 Mar 2025 10:52 am

Tgt Ion: 77 Resp: 656445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.0  | 35.8  | 53.8  |
| 65  | 13.8  | 11.2  | 16.8  |

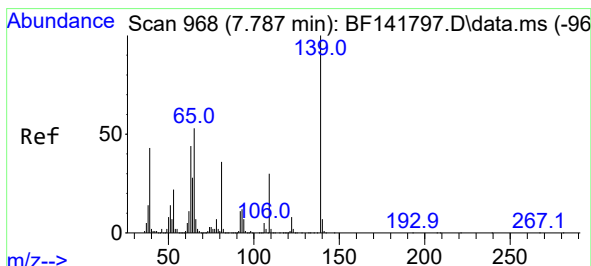
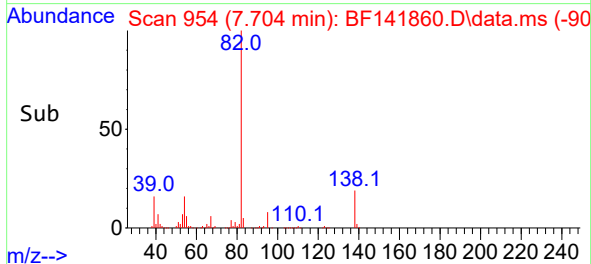
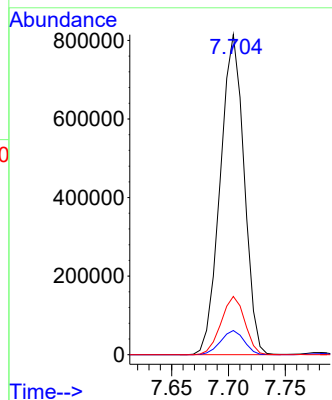
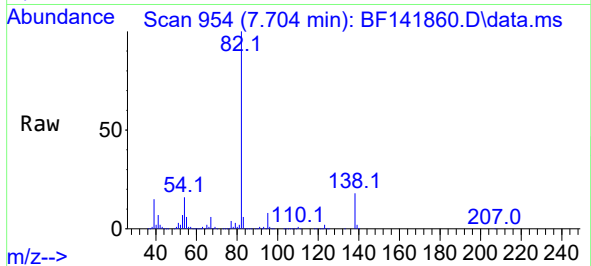




#25  
Isophorone  
Concen: 41.13 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

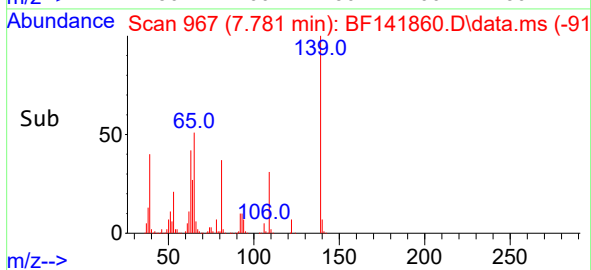
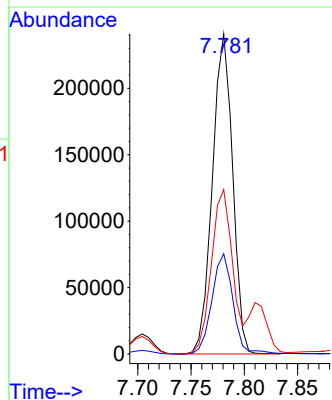
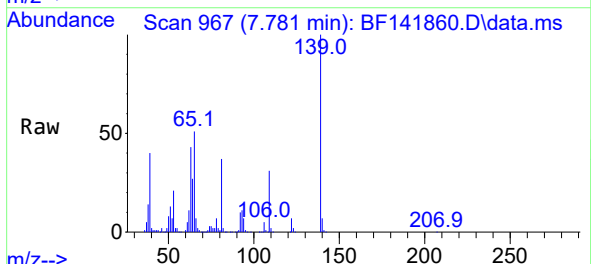
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

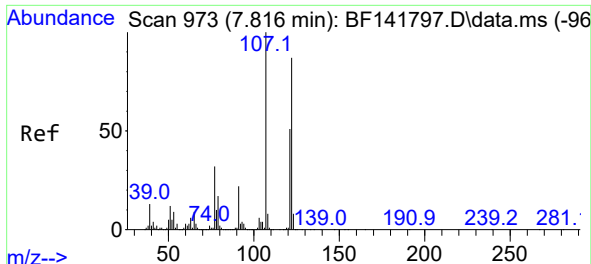
Tgt Ion: 82 Resp: 1189358  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.8 8.8  
138 18.2 14.0 21.0



#26  
2-Nitrophenol  
Concen: 49.23 ng  
RT: 7.781 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:139 Resp: 317830  
Ion Ratio Lower Upper  
139 100  
109 31.3 24.1 36.1  
65 51.4 42.3 63.5

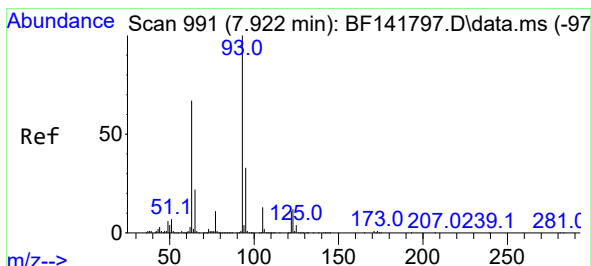
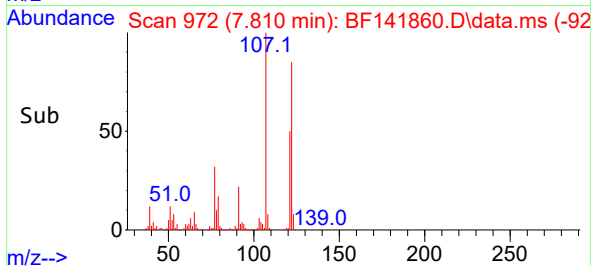
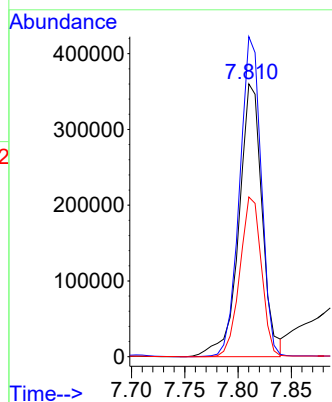
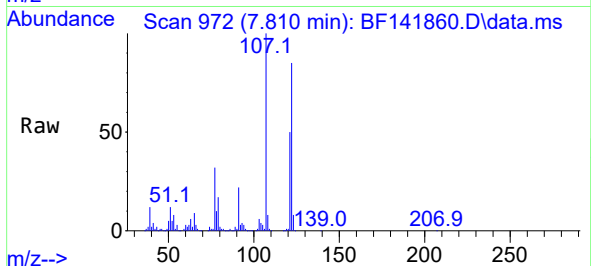




#27  
2,4-Dimethylphenol  
Concen: 51.29 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

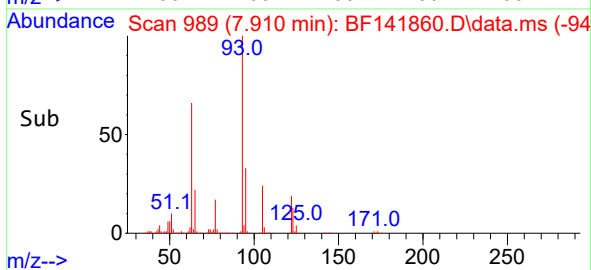
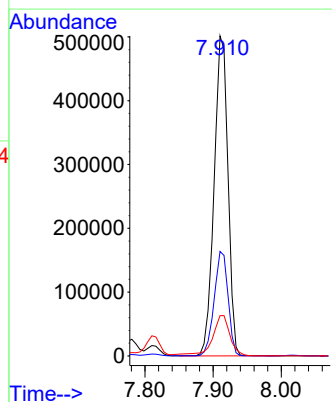
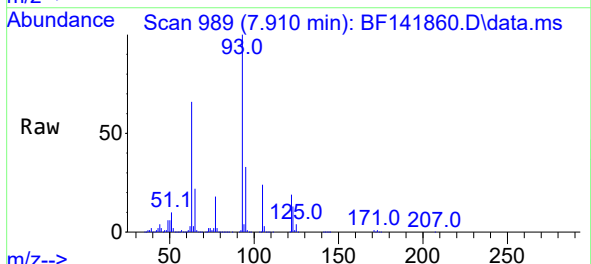
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

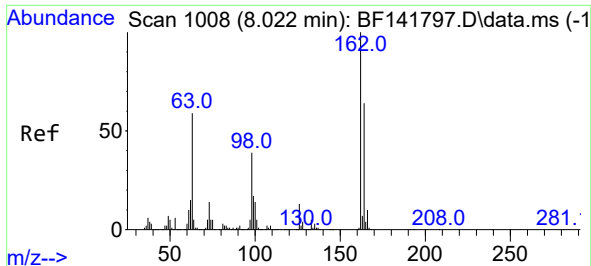
Tgt Ion:122 Resp: 545219  
Ion Ratio Lower Upper  
122 100  
107 117.3 92.5 138.7  
121 58.5 47.1 70.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.48 ng  
RT: 7.910 min Scan# 989  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion: 93 Resp: 709782  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 12.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 41.54 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

BNA\_F

ClientSampleId :

PB166984BS

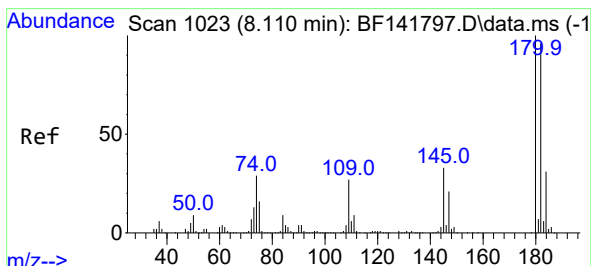
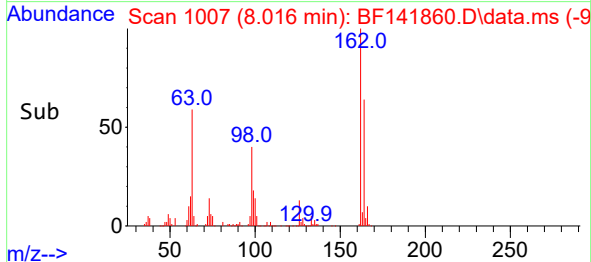
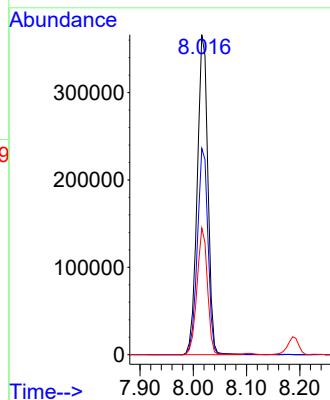
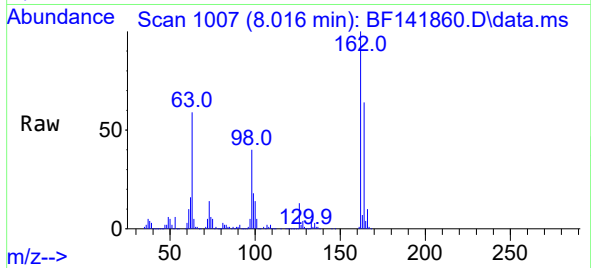
Tgt Ion:162 Resp: 509337

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 39.6 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 42.10 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52 am

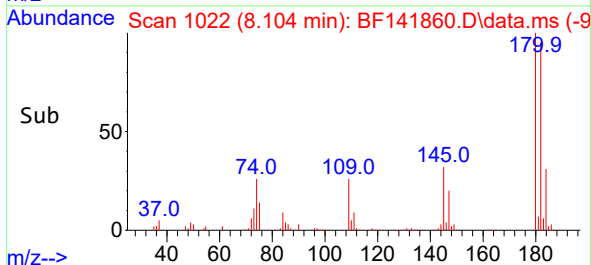
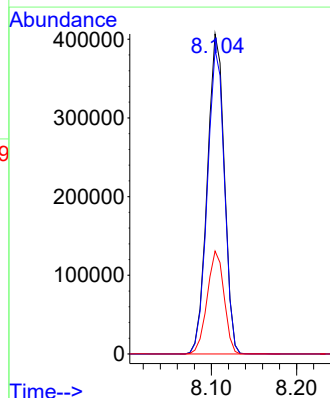
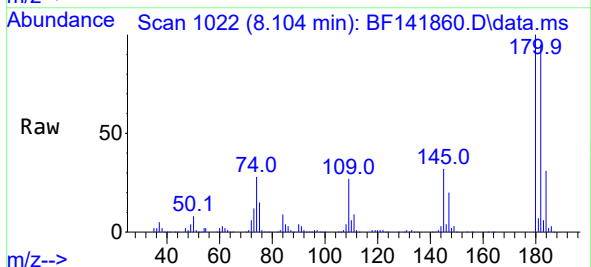
Tgt Ion:180 Resp: 565708

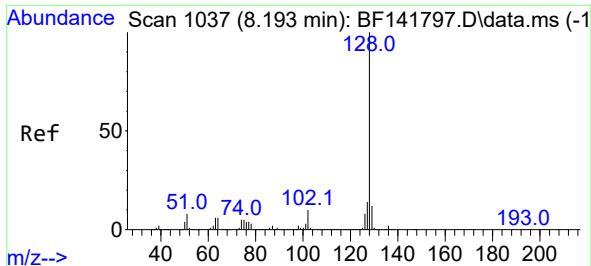
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 32.1 26.4 39.6

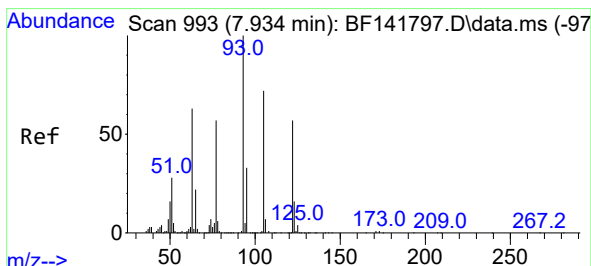
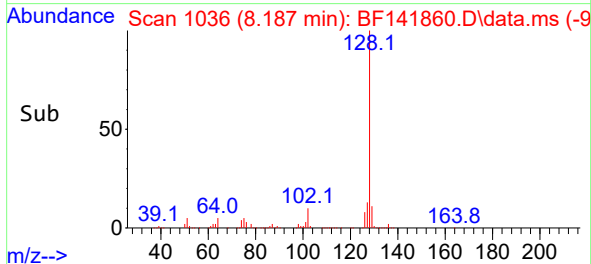
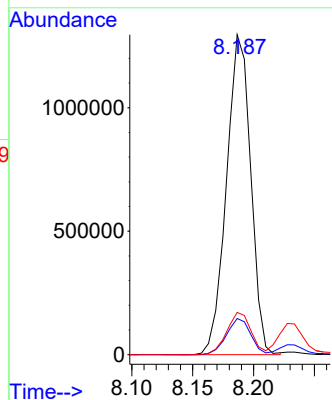
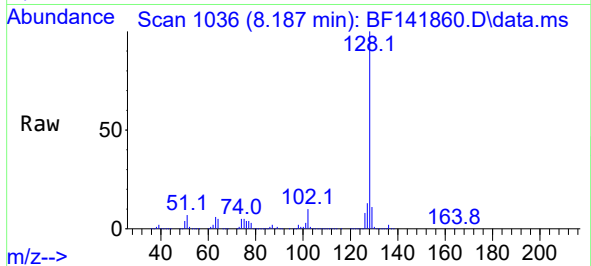




#31  
Naphthalene  
Concen: 40.67 ng  
RT: 8.187 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

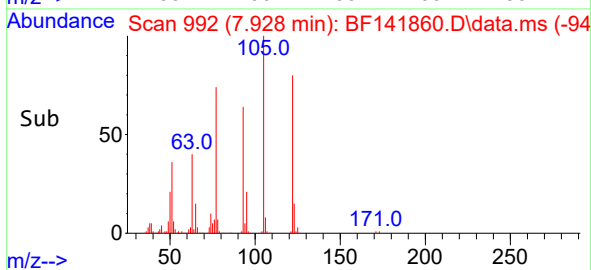
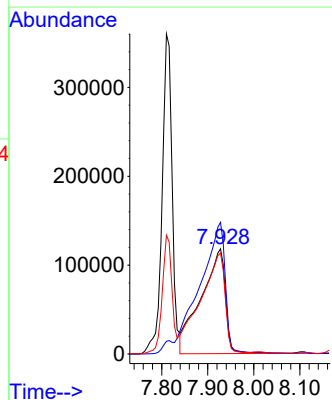
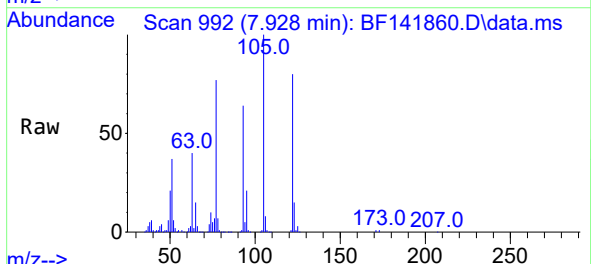
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

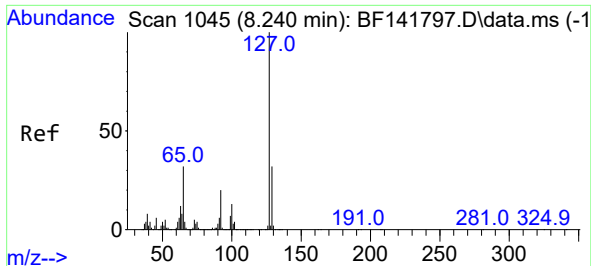
Tgt Ion:128 Resp: 1798156  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.2 13.8  
127 13.2 11.0 16.4



#32  
Benzoic acid  
Concen: 48.97 ng  
RT: 7.928 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:122 Resp: 436083  
Ion Ratio Lower Upper  
122 100  
105 125.2 105.8 145.8  
77 96.1 79.9 119.9



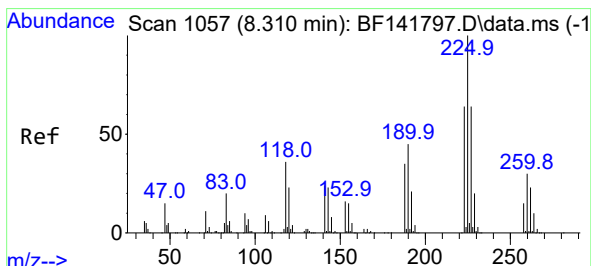
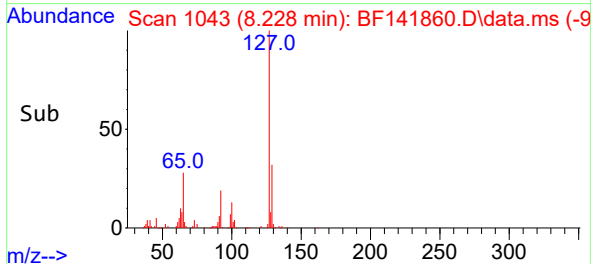
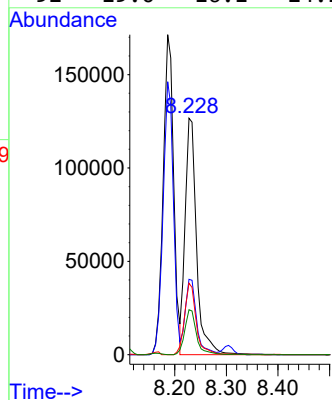
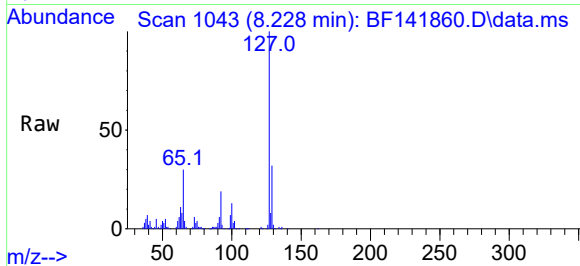


#33  
4-Chloroaniline  
Concen: 12.09 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

Tgt Ion:127 Resp: 196072

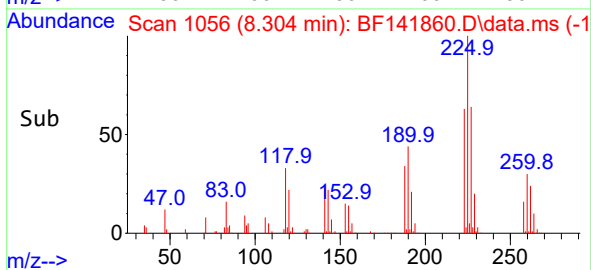
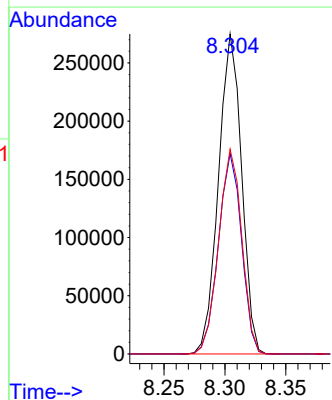
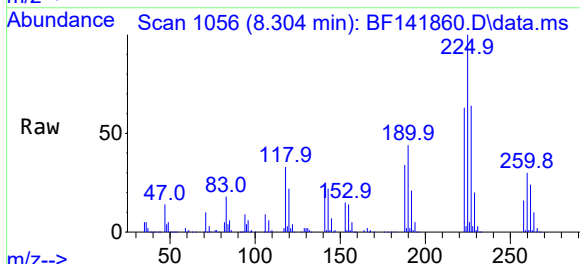
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 31.8  | 26.1  | 39.1  |
| 65  | 30.3  | 25.7  | 38.5  |
| 92  | 19.0  | 16.1  | 24.1  |

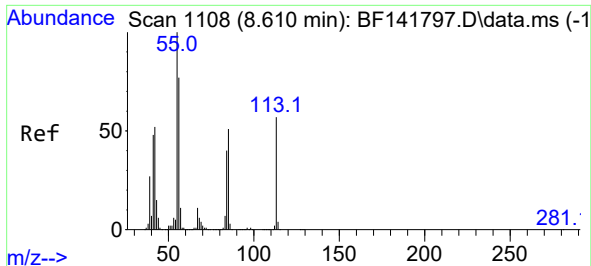


#34  
Hexachlorobutadiene  
Concen: 43.53 ng  
RT: 8.304 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:225 Resp: 363439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.6  | 51.4  | 77.2  |
| 227 | 64.0  | 51.6  | 77.4  |

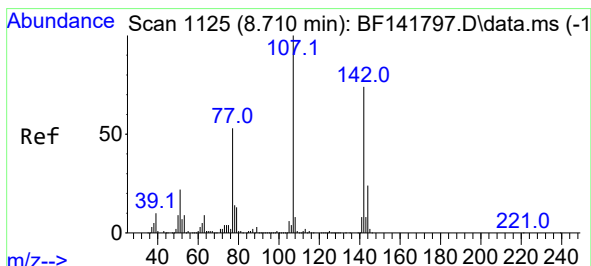
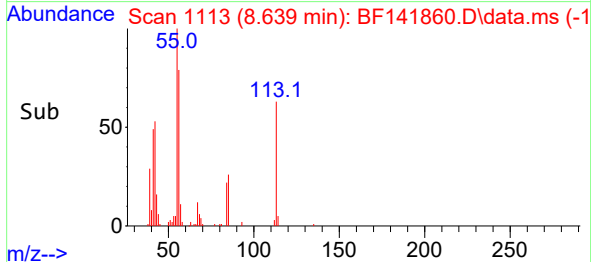
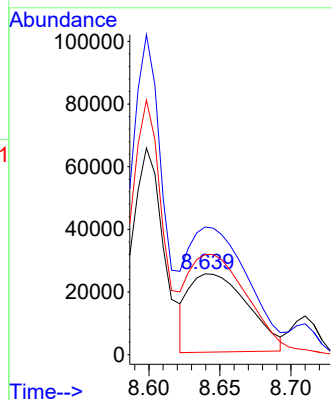
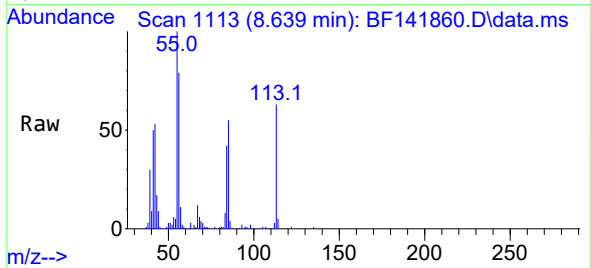




#35  
Caprolactam  
Concen: 19.14 ng  
RT: 8.639 min Scan# 1113  
Delta R.T. 0.029 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

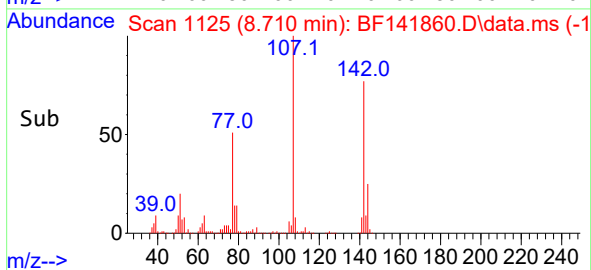
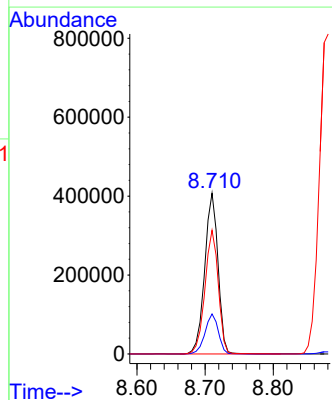
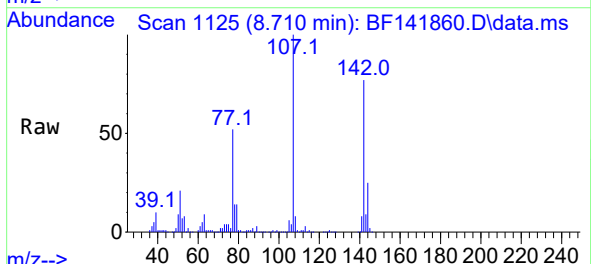
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

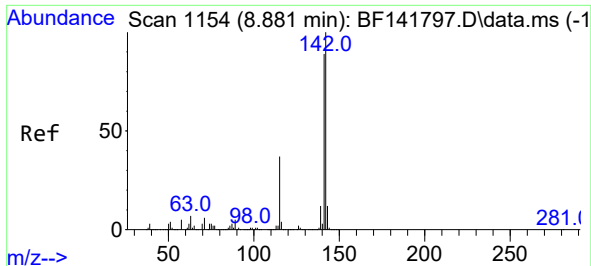
Tgt Ion:113 Resp: 72216  
Ion Ratio Lower Upper  
113 100  
55 157.9 155.6 195.6  
56 124.0 114.6 154.6



#36  
4-Chloro-3-methylphenol  
Concen: 40.76 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:107 Resp: 555267  
Ion Ratio Lower Upper  
107 100  
144 24.9 19.4 29.0  
142 76.9 59.4 89.0

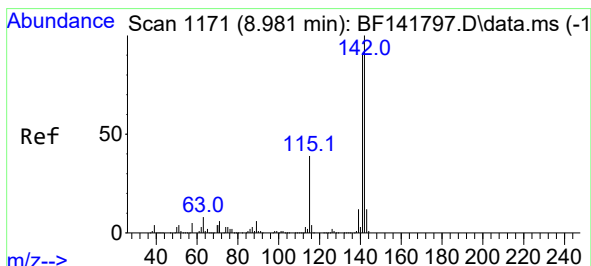
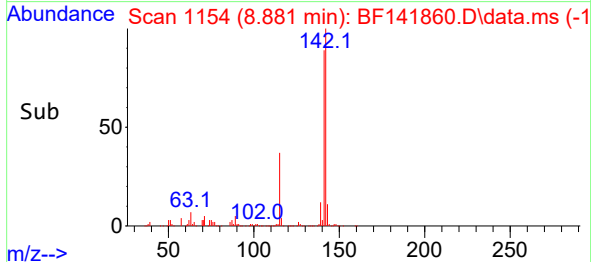
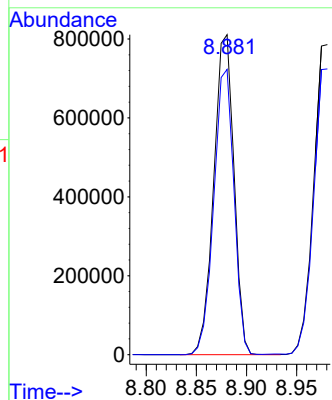
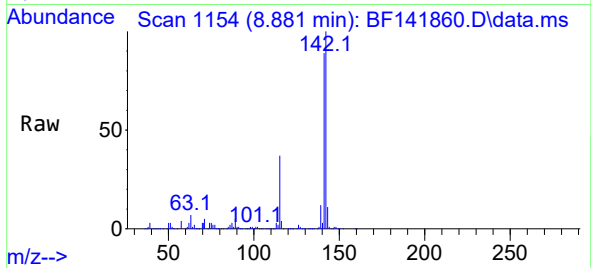




#37  
2-Methylnaphthalene  
Concen: 39.17 ng  
RT: 8.881 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

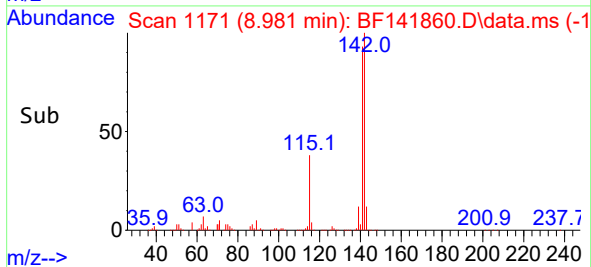
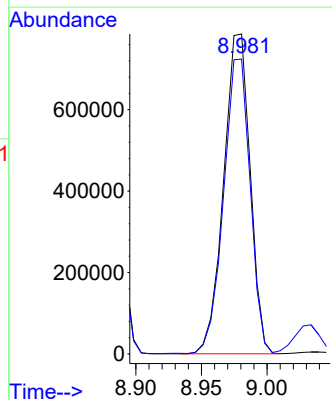
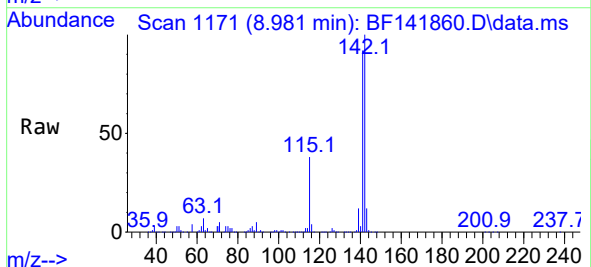
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

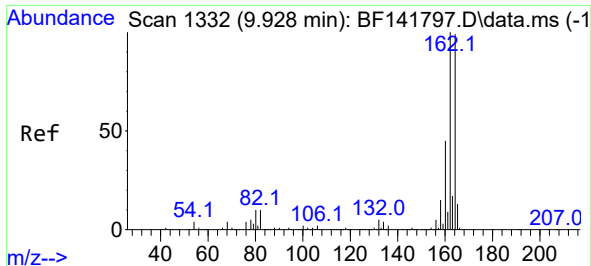
Tgt Ion:142 Resp: 1136178  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.1 106.7



#38  
1-Methylnaphthalene  
Concen: 39.75 ng  
RT: 8.981 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:142 Resp: 1106172  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.1 109.7

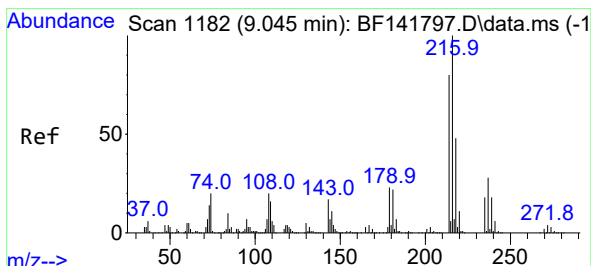
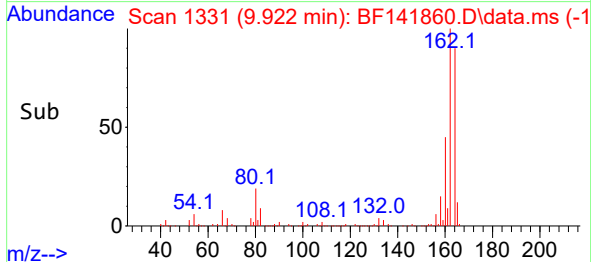
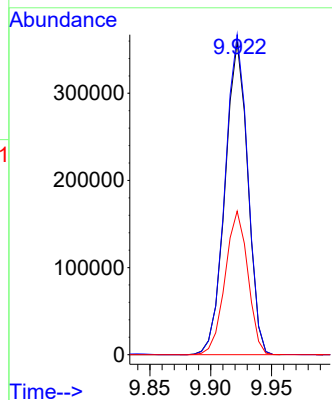
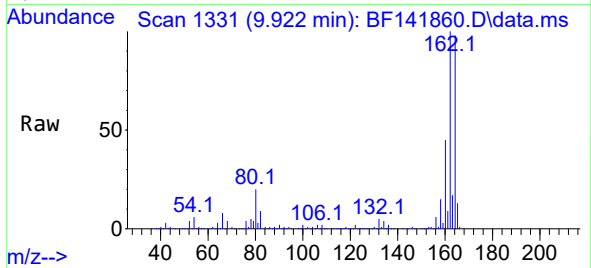




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.922 min Scan# 1182  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

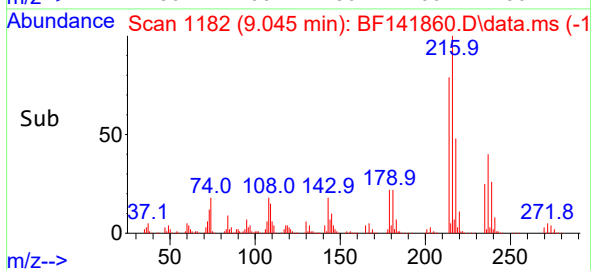
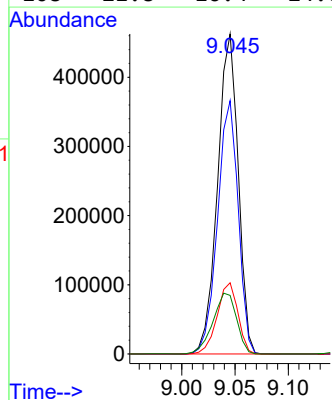
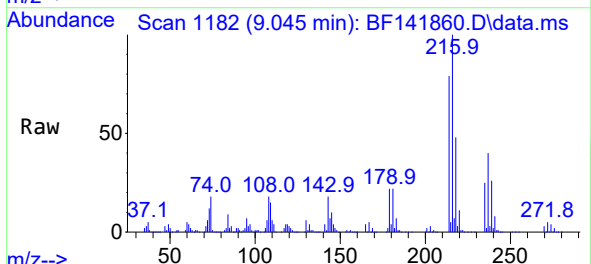
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

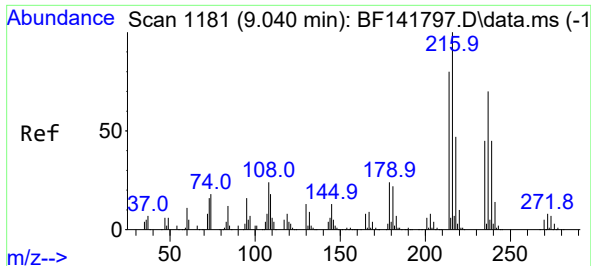
Tgt Ion:164 Resp: 467040  
Ion Ratio Lower Upper  
164 100  
162 102.3 80.6 120.8  
160 45.9 36.3 54.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.05 ng  
RT: 9.045 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:216 Resp: 621149  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.5 95.3  
179 22.4 18.1 27.1  
108 21.8 16.4 24.6

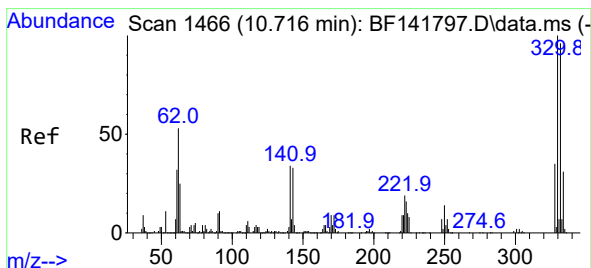
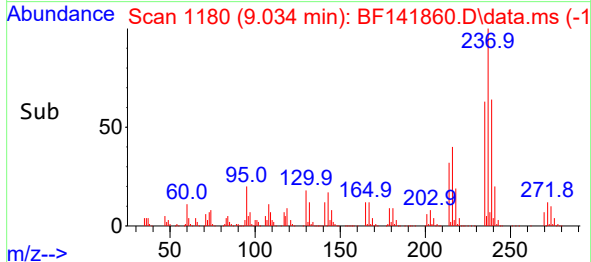
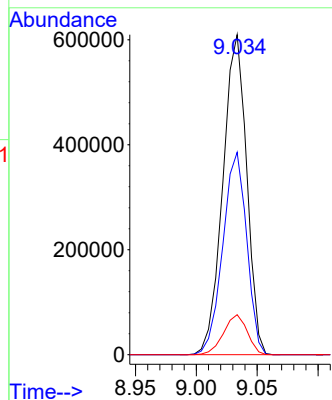
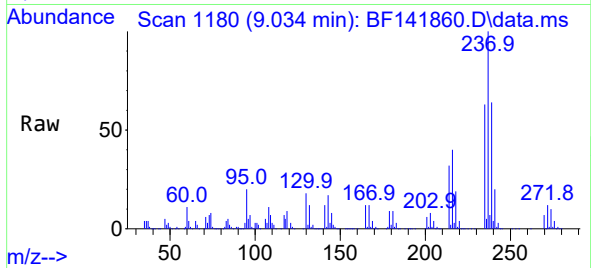




#41  
Hexachlorocyclopentadiene  
Concen: 147.48 ng  
RT: 9.034 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

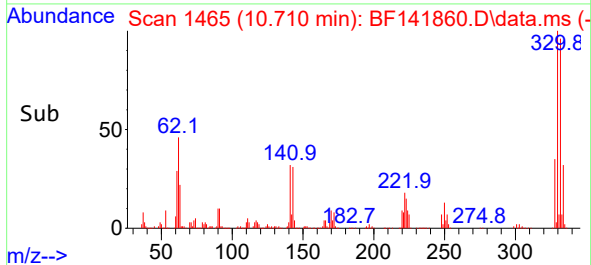
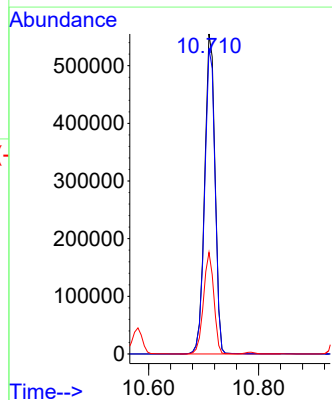
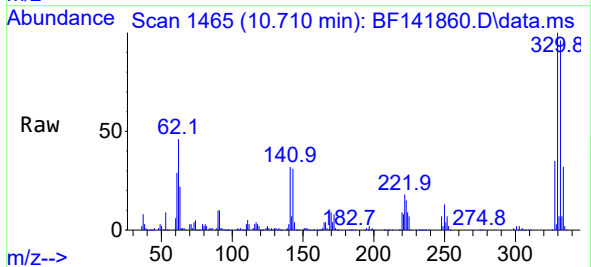
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

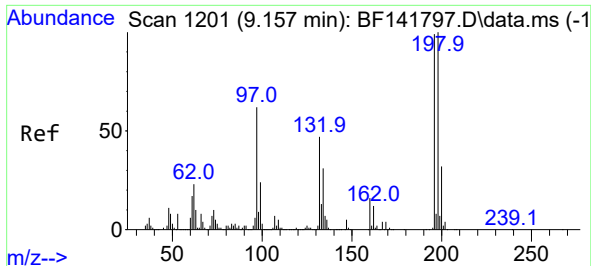
Tgt Ion:237 Resp: 830196  
Ion Ratio Lower Upper  
237 100  
235 63.3 43.3 83.3  
272 12.5 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 165.56 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:330 Resp: 725902  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.6 115.0  
141 31.8 29.0 43.4

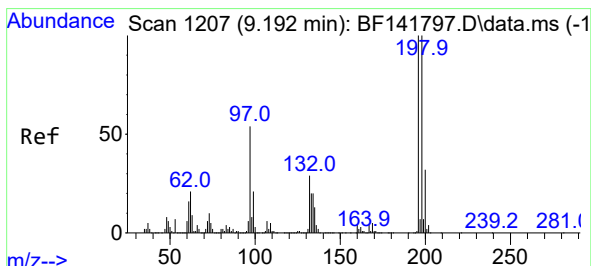
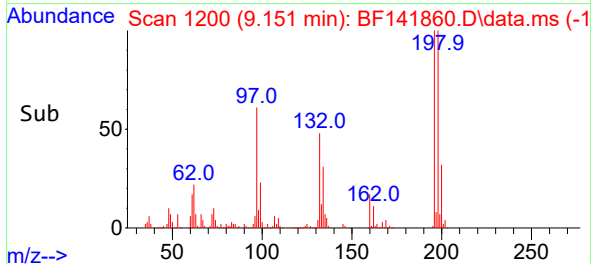
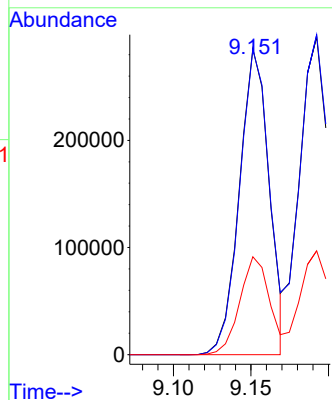
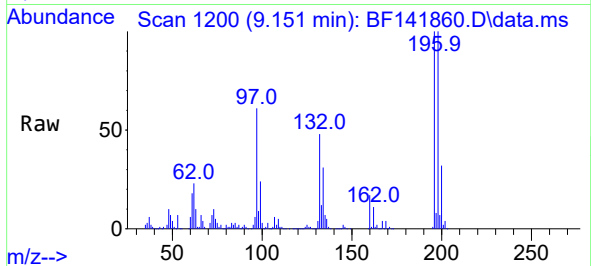




#43  
2,4,6-Trichlorophenol  
Concen: 43.79 ng  
RT: 9.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

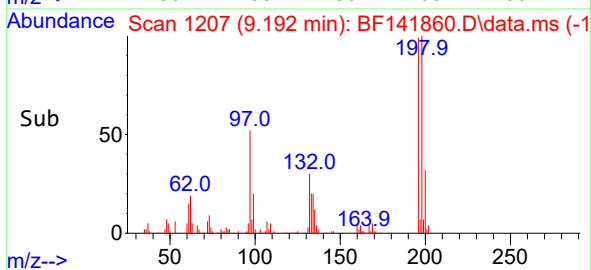
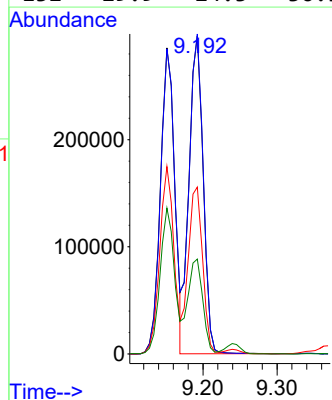
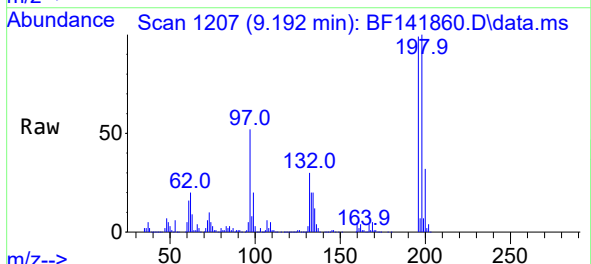
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

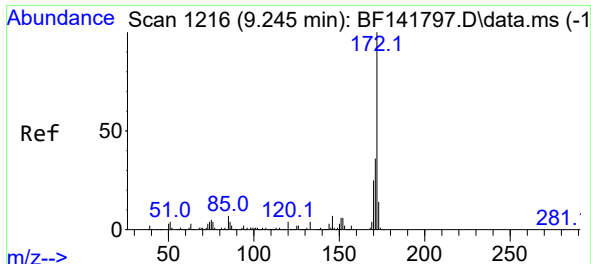
Tgt Ion:196 Resp: 381567  
Ion Ratio Lower Upper  
196 100  
198 99.7 80.4 120.6  
200 32.0 25.7 38.5



#44  
2,4,5-Trichlorophenol  
Concen: 45.60 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:196 Resp: 393469  
Ion Ratio Lower Upper  
196 100  
198 100.7 79.7 119.5  
97 52.5 44.2 66.2  
132 29.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 91.31 ng

RT: 9.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141860.D

Acq: 06 Mar 2025 10:52

Instrument :

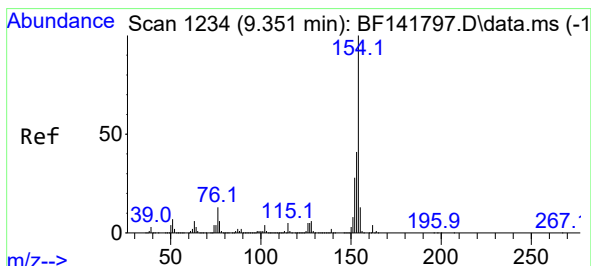
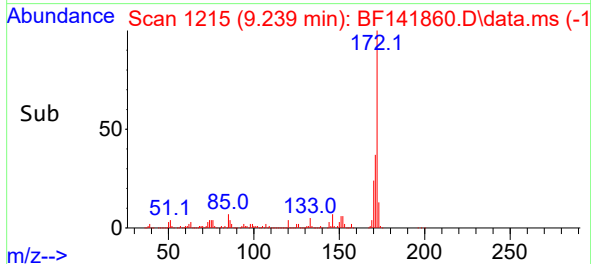
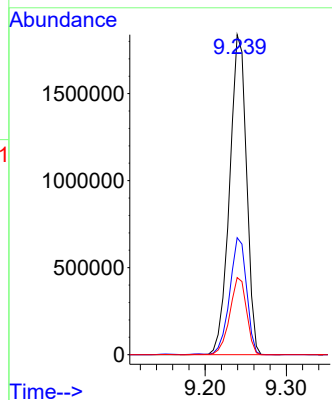
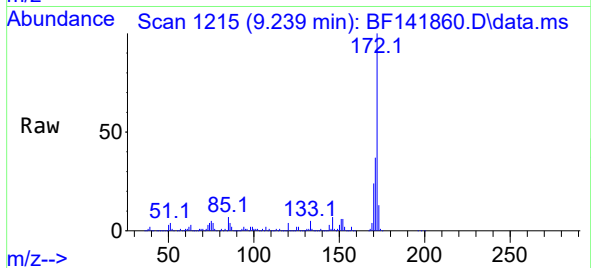
BNA\_F

ClientSampleId :

PB166984BS

Tgt Ion:172 Resp: 2659506

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.6  | 29.2  | 43.8  |
| 170 | 24.1  | 19.7  | 29.5  |



#46

1,1'-Biphenyl

Concen: 45.32 ng

RT: 9.345 min Scan# 1233

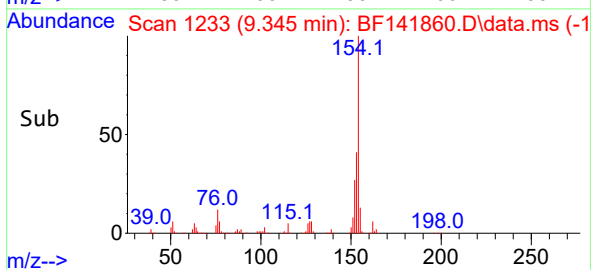
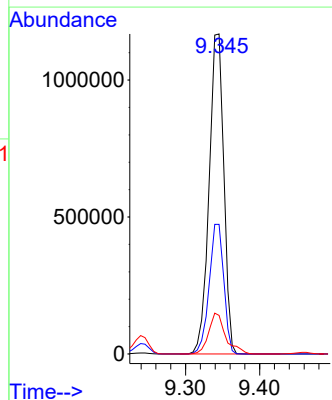
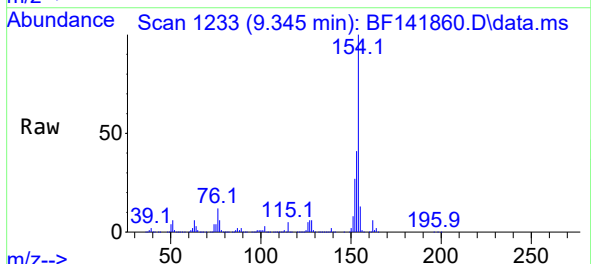
Delta R.T. -0.006 min

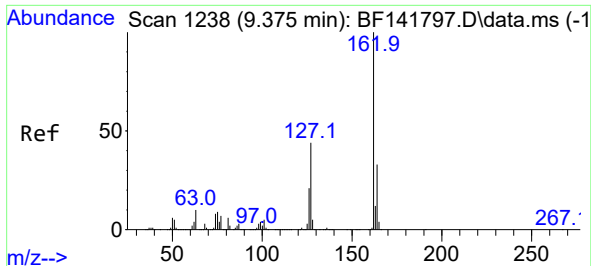
Lab File: BF141860.D

Acq: 06 Mar 2025 10:52 am

Tgt Ion:154 Resp: 1611215

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.5  | 21.4  | 61.4  |
| 76  | 12.0  | 0.0   | 33.4  |

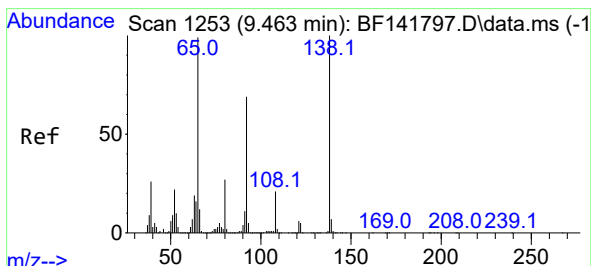
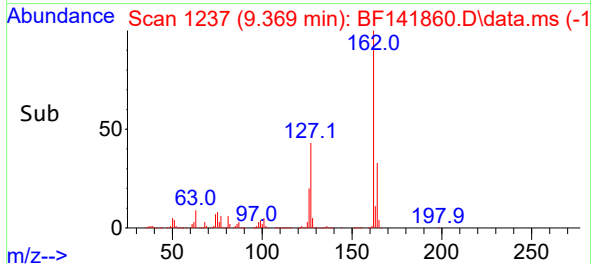
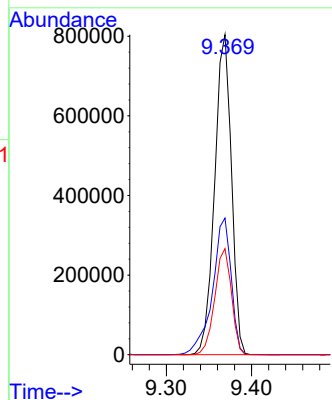
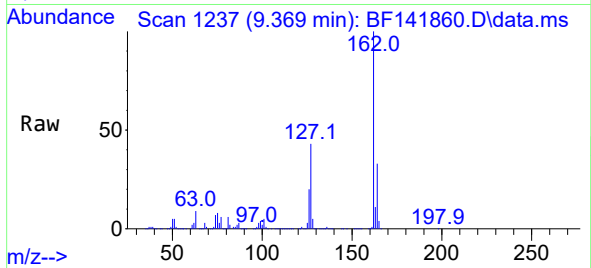




#47  
2-Chloronaphthalene  
Concen: 41.88 ng  
RT: 9.369 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

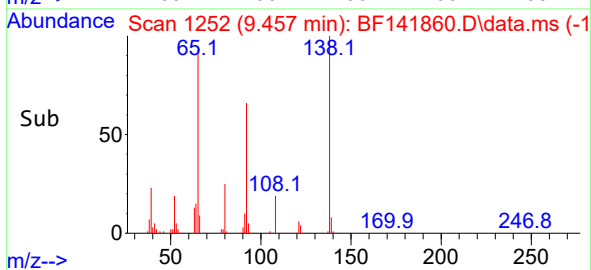
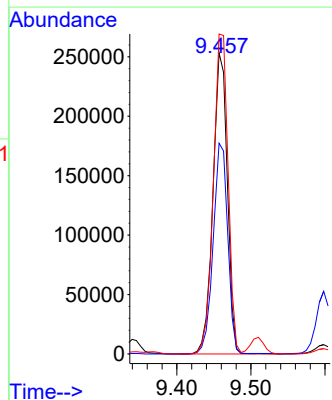
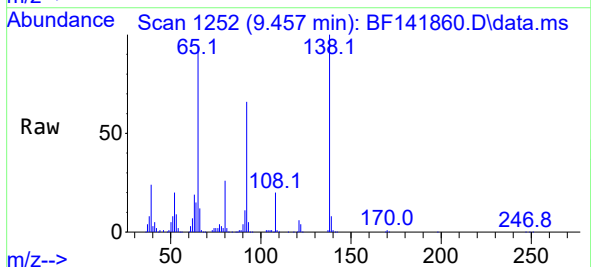
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

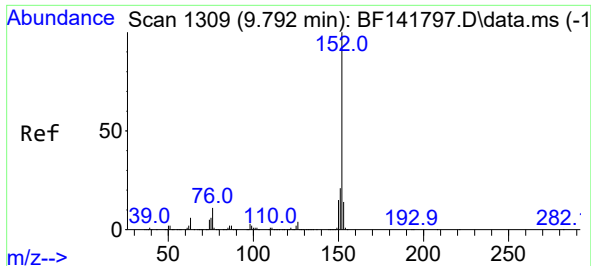
Tgt Ion:162 Resp: 1098889  
Ion Ratio Lower Upper  
162 100  
127 42.7 35.0 52.6  
164 33.1 26.6 40.0



#48  
2-Nitroaniline  
Concen: 47.63 ng  
RT: 9.457 min Scan# 1252  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion: 65 Resp: 341789  
Ion Ratio Lower Upper  
65 100  
92 70.0 55.7 83.5  
138 106.3 80.6 121.0

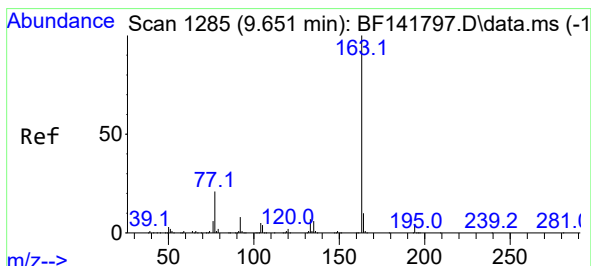
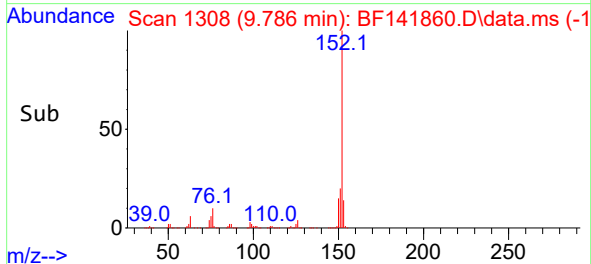
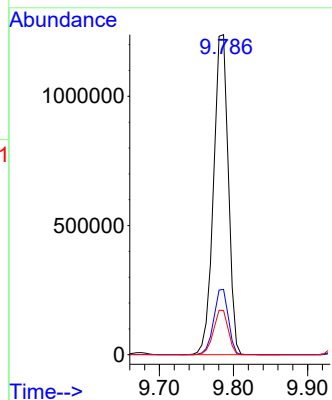
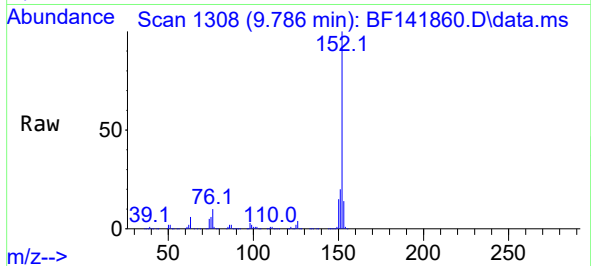




#49  
Acenaphthylene  
Concen: 43.56 ng  
RT: 9.786 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

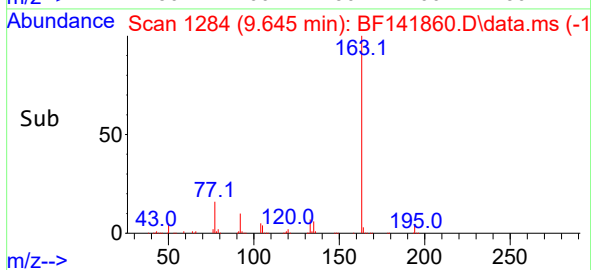
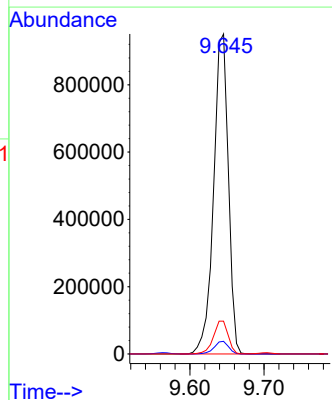
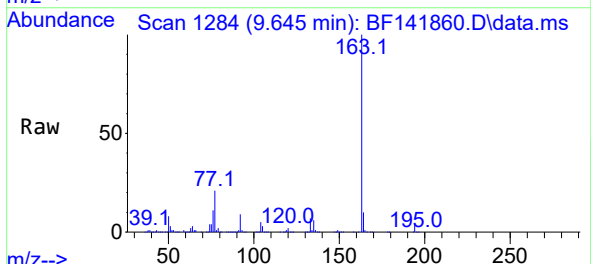
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

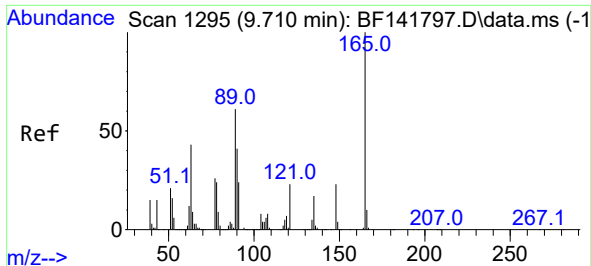
Tgt Ion:152 Resp: 1713470  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.6 24.8  
153 13.8 11.2 16.8



#50  
Dimethylphthalate  
Concen: 42.01 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:163 Resp: 1313815  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 10.2 8.4 12.6

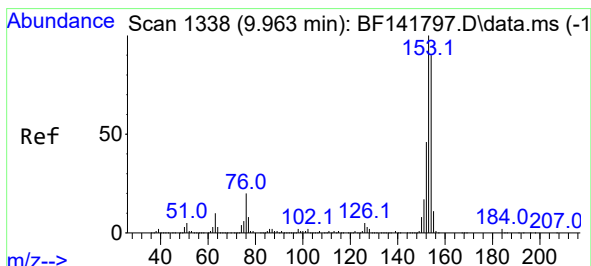
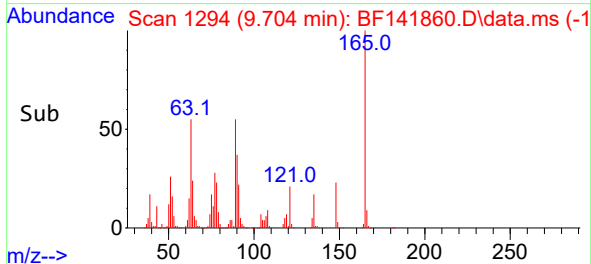
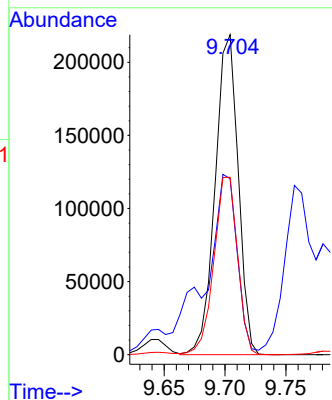
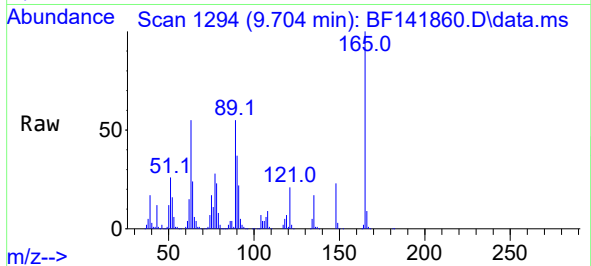




#51  
2,6-Dinitrotoluene  
Concen: 48.25 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

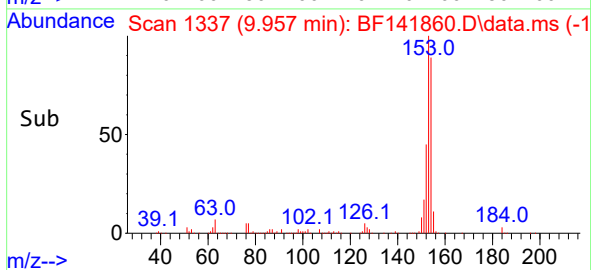
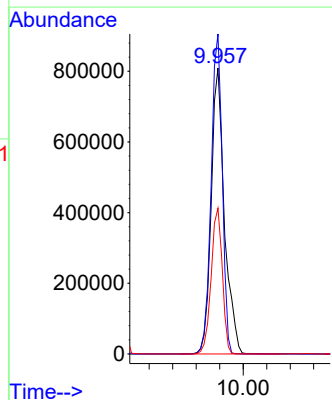
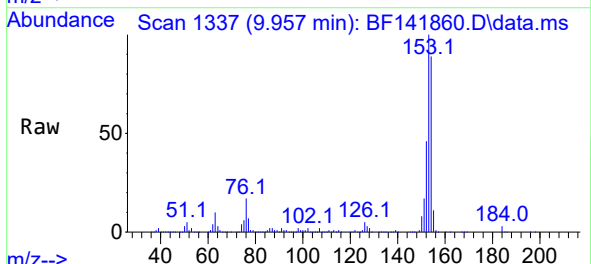
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

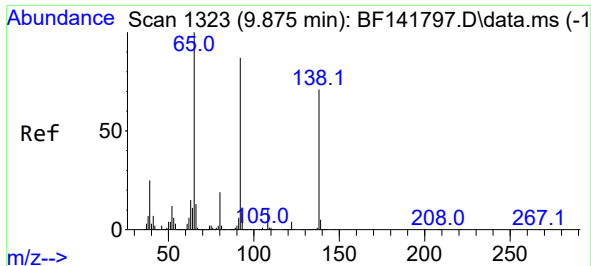
Tgt Ion:165 Resp: 288768  
Ion Ratio Lower Upper  
165 100  
63 55.0 49.5 74.3  
89 55.5 49.0 73.4



#52  
Acenaphthene  
Concen: 47.70 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:154 Resp: 1266215  
Ion Ratio Lower Upper  
154 100  
153 111.9 88.7 133.1  
152 51.0 40.9 61.3

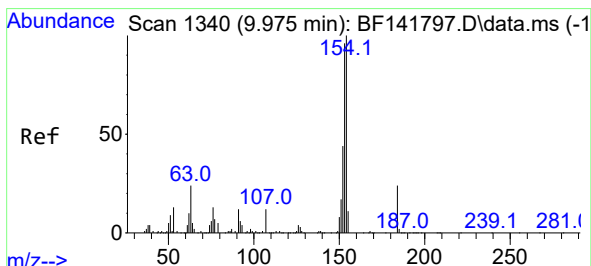
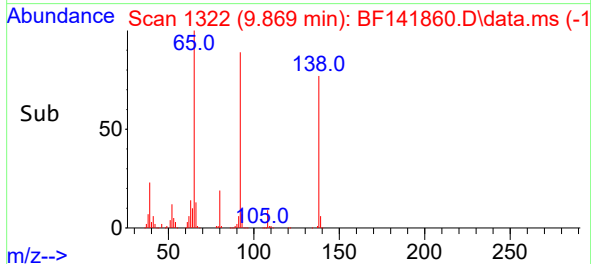
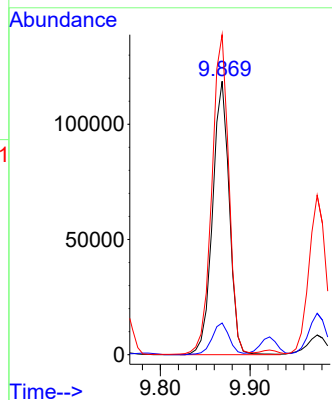
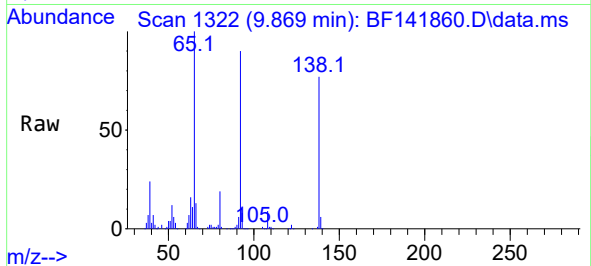




#53  
3-Nitroaniline  
Concen: 25.52 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

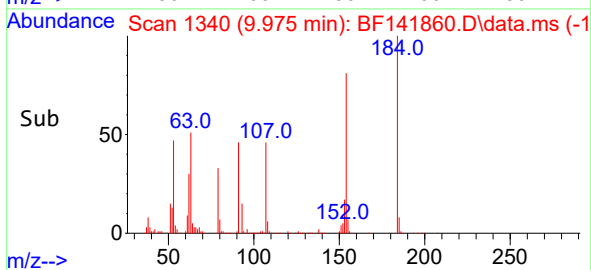
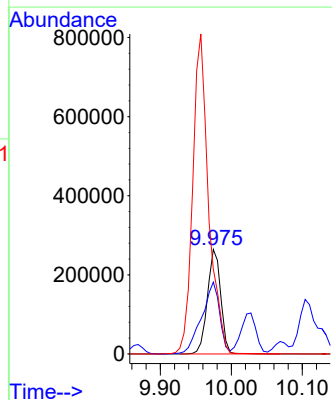
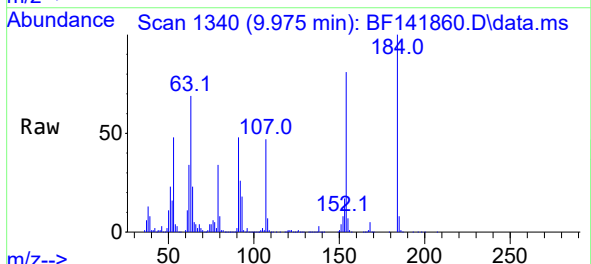
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

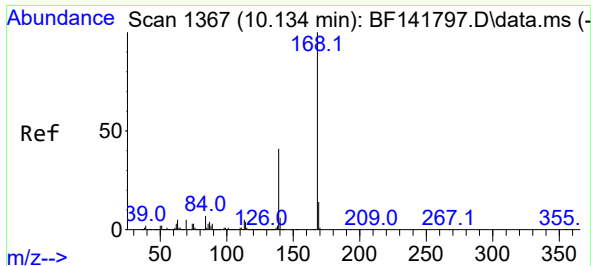
Tgt Ion:138 Resp: 153204  
Ion Ratio Lower Upper  
138 100  
108 11.6 12.7 19.1#  
92 117.0 97.9 146.9



#54  
2,4-Dinitrophenol  
Concen: 111.08 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:184 Resp: 346122  
Ion Ratio Lower Upper  
184 100  
63 68.9 79.0 118.6#  
154 81.2 335.8 503.8#

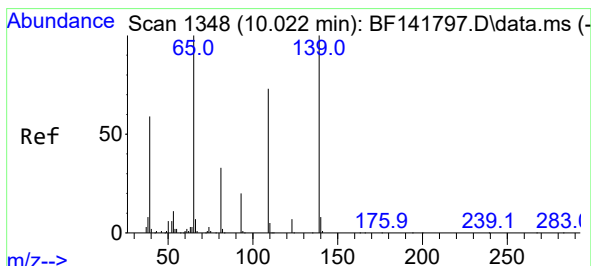
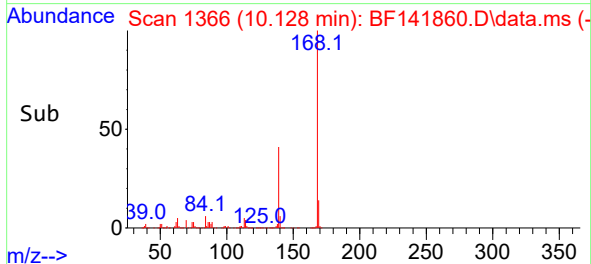
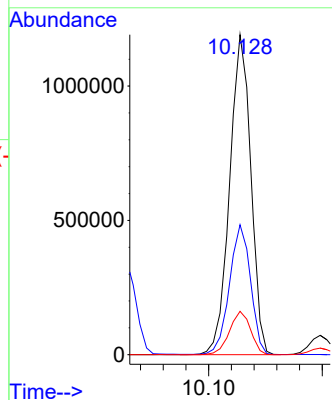
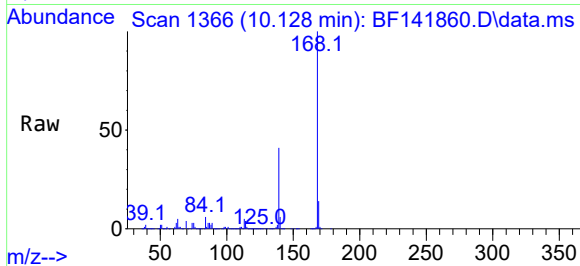




#55  
Dibenzenofuran  
Concen: 39.97 ng  
RT: 10.128 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

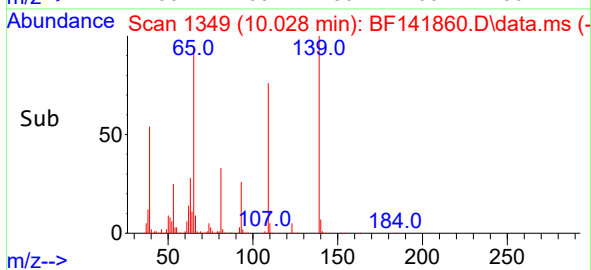
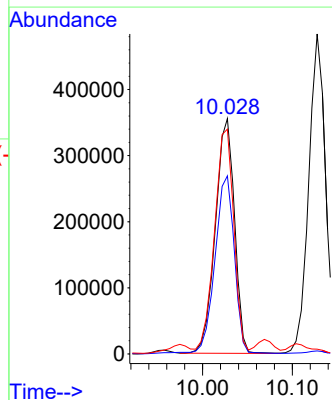
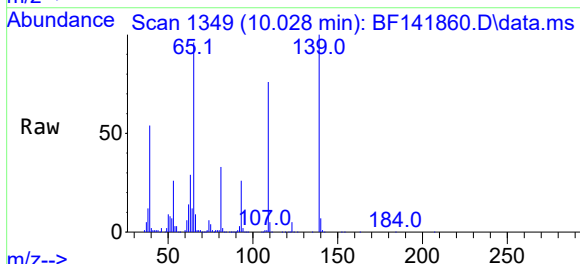
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

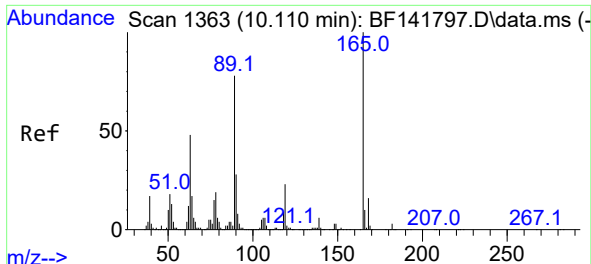
Tgt Ion:168 Resp: 1544243  
Ion Ratio Lower Upper  
168 100  
139 40.6 32.9 49.3  
169 13.5 11.1 16.7



#56  
4-Nitrophenol  
Concen: 113.84 ng  
RT: 10.028 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:139 Resp: 525883  
Ion Ratio Lower Upper  
139 100  
109 75.6 53.4 93.4  
65 95.5 82.1 122.1



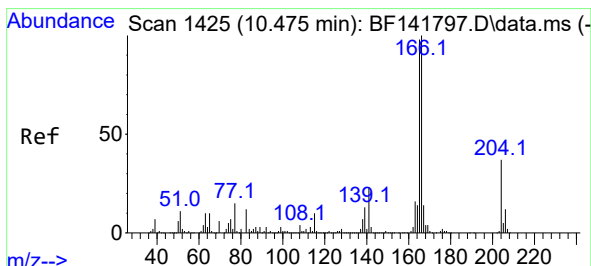
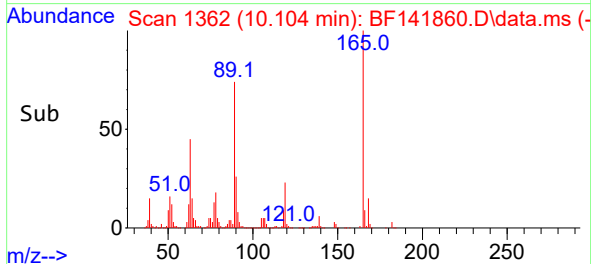
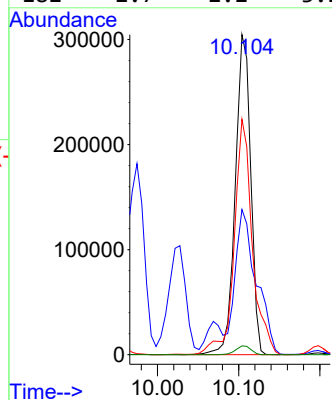
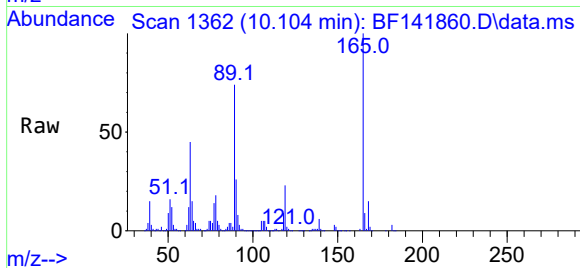


#57  
2,4-Dinitrotoluene  
Concen: 54.45 ng  
RT: 10.104 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

Tgt Ion:165 Resp: 401637

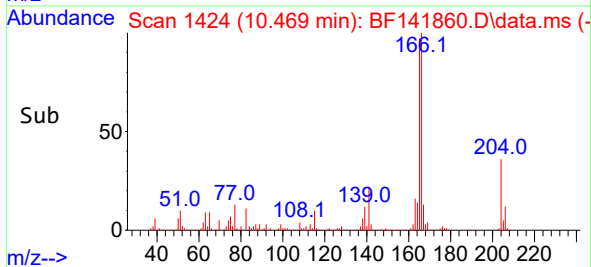
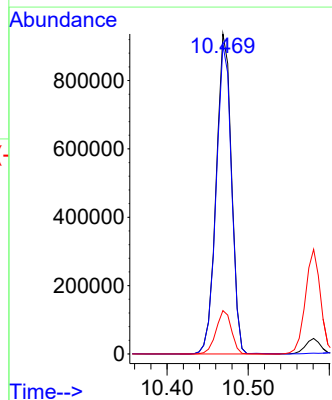
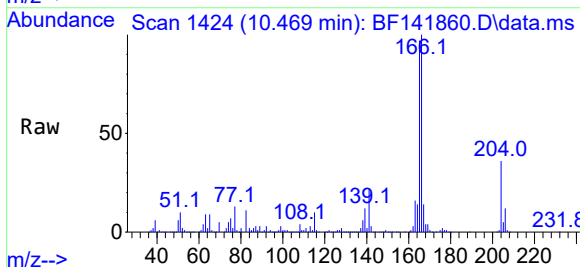
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 45.3  | 38.8  | 58.2  |
| 89  | 73.6  | 62.6  | 94.0  |
| 182 | 2.7   | 2.2   | 3.2   |

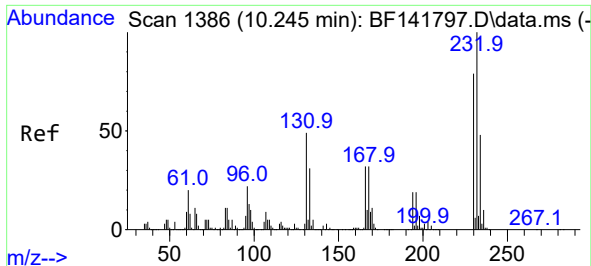


#58  
Fluorene  
Concen: 42.38 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:166 Resp: 1226351

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 96.5  | 78.6  | 117.8 |
| 167 | 13.5  | 11.0  | 16.4  |

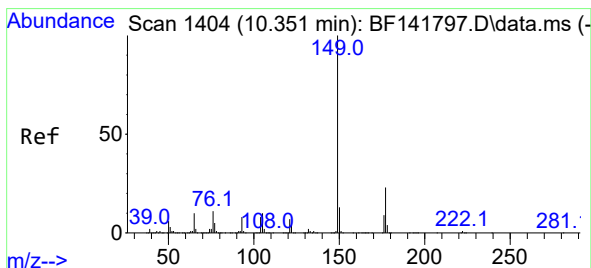
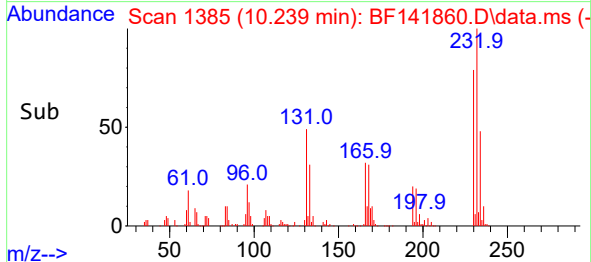
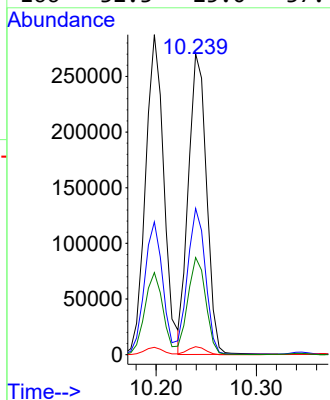
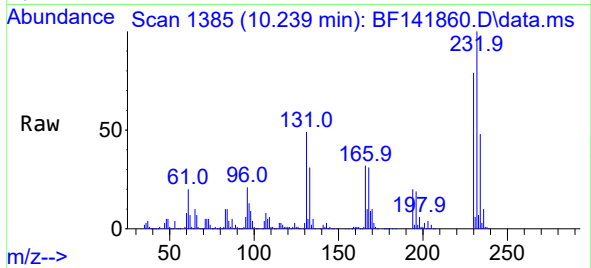




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.07 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

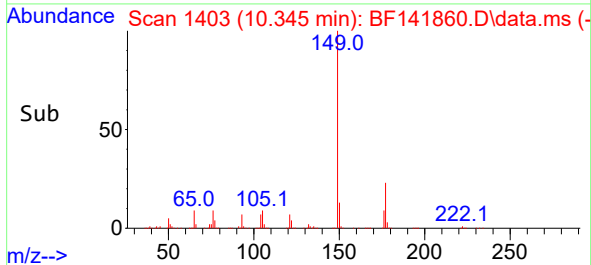
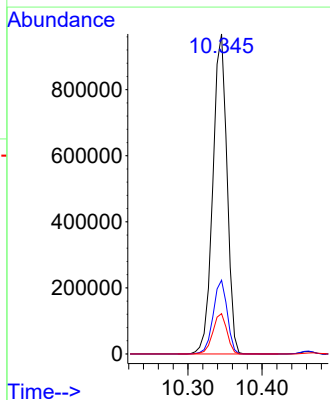
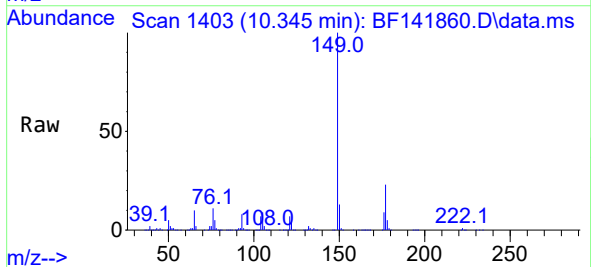
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

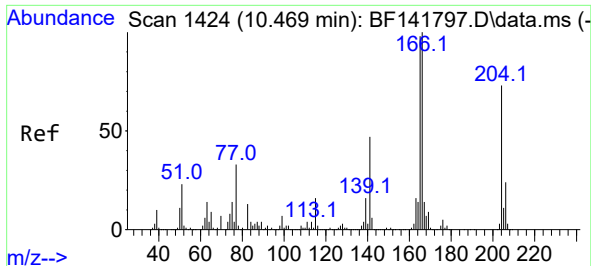
Tgt Ion:232 Resp: 338195  
Ion Ratio Lower Upper  
232 100  
131 48.4 37.8 56.8  
130 2.6 2.0 3.0  
166 32.3 25.0 37.4



#60  
Diethylphthalate  
Concen: 40.87 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:149 Resp: 1281425  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.3 27.5  
150 12.6 10.3 15.5

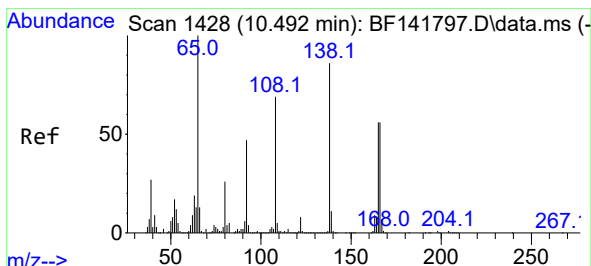
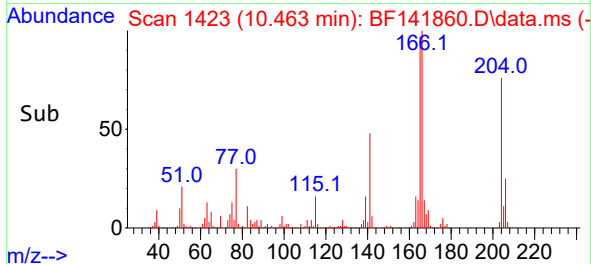
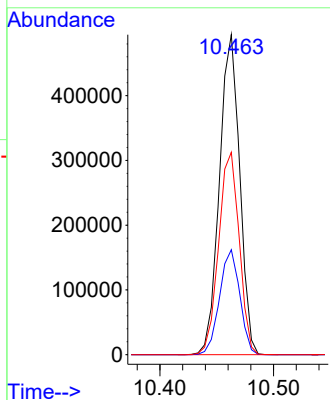
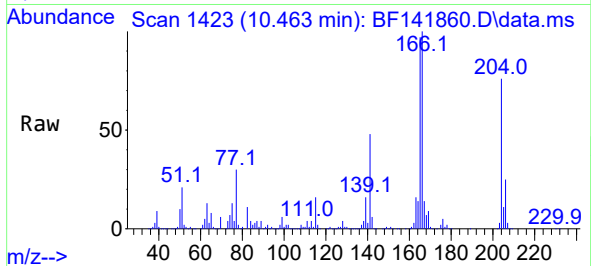




#61  
4-Chlorophenyl-phenylether  
Concen: 42.26 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

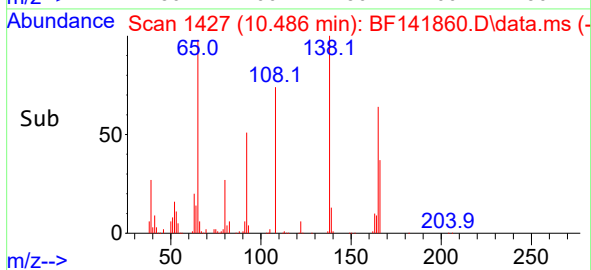
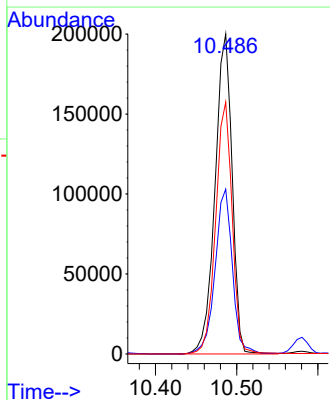
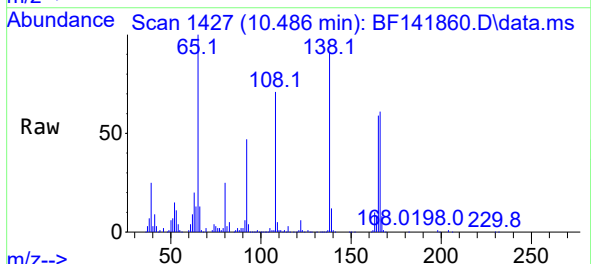
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

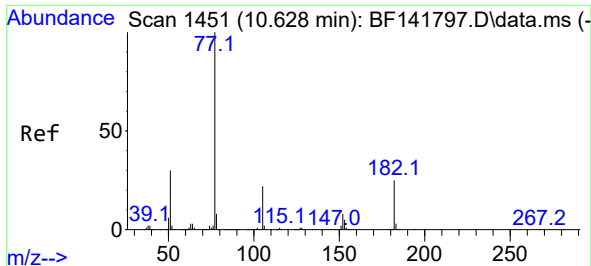
Tgt Ion:204 Resp: 612702  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.2 39.4  
141 63.3 51.7 77.5



#62  
4-Nitroaniline  
Concen: 54.90 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:138 Resp: 293220  
Ion Ratio Lower Upper  
138 100  
92 51.5 34.9 74.9  
108 78.7 59.6 99.6



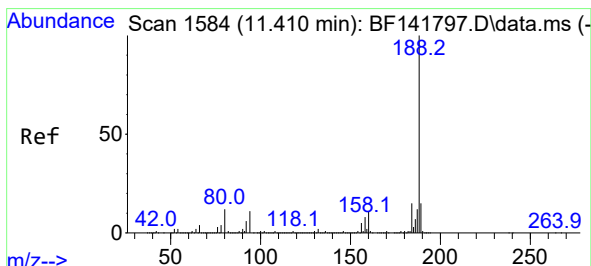
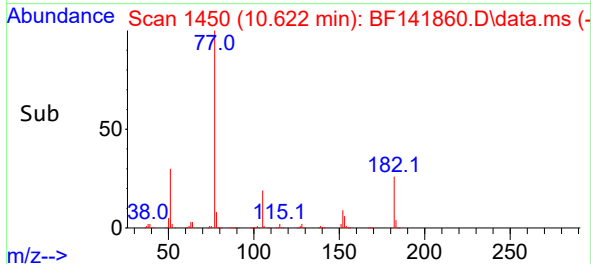
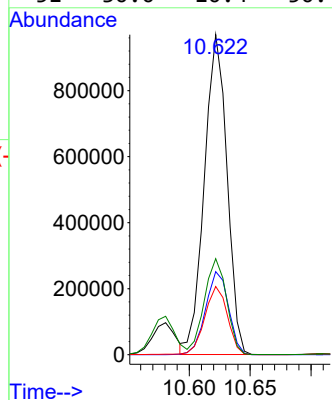
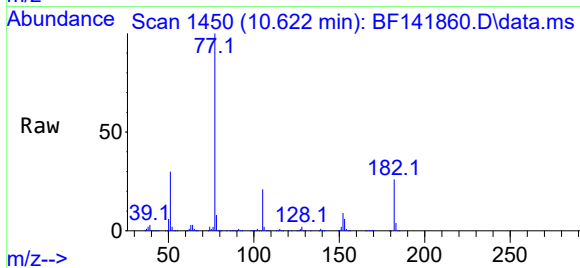


#63  
Azobenzene  
Concen: 37.96 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

Tgt Ion: 77 Resp: 1253041

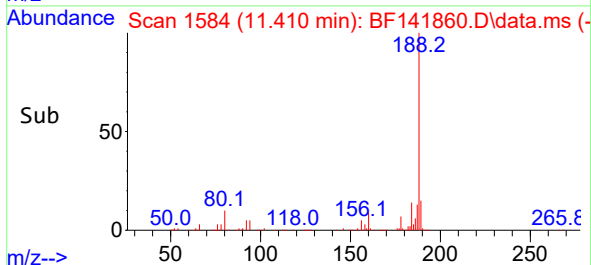
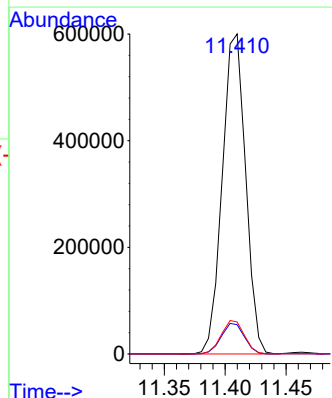
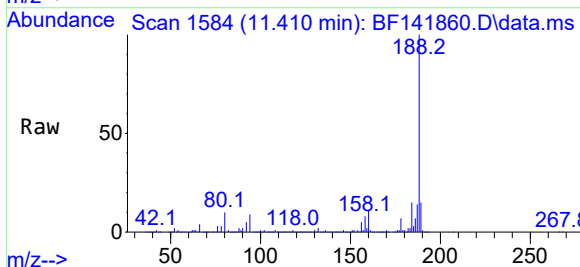
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.9  | 4.2   | 44.2  |
| 105 | 21.3  | 1.5   | 41.5  |
| 51  | 30.0  | 10.4  | 50.4  |

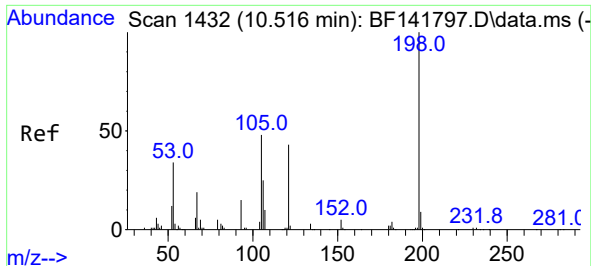


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.410 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion: 188 Resp: 801941

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.1   | 8.9   | 13.3  |
| 80  | 10.0  | 9.7   | 14.5  |

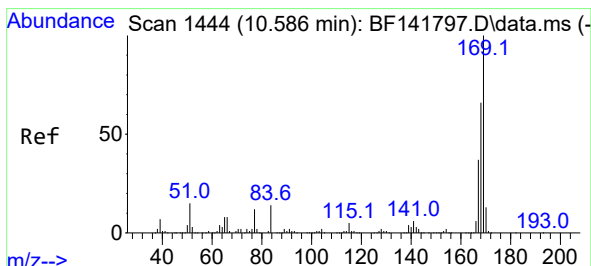
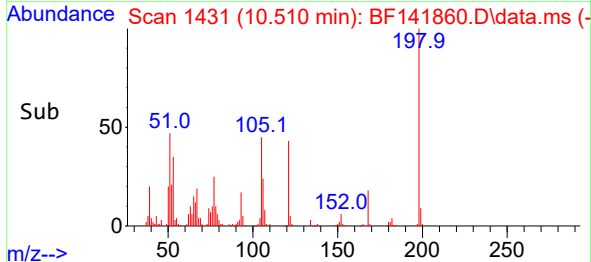
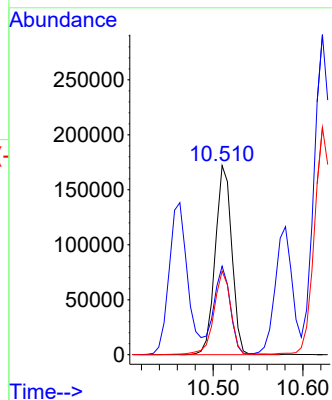
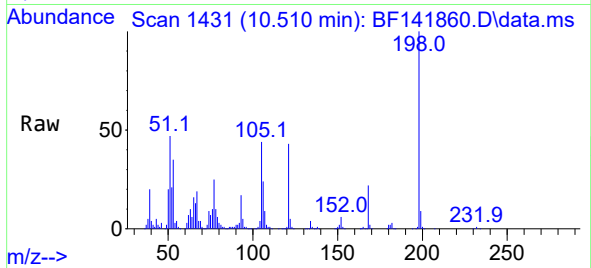




#65  
4,6-Dinitro-2-methylphenol  
Concen: 56.70 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

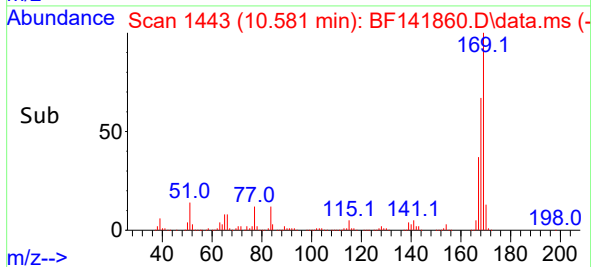
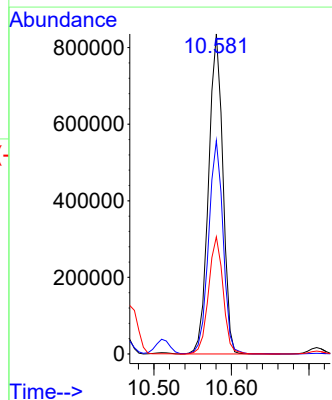
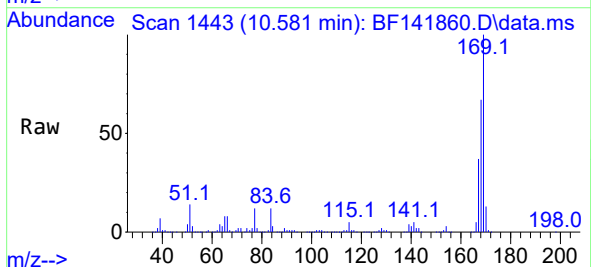
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

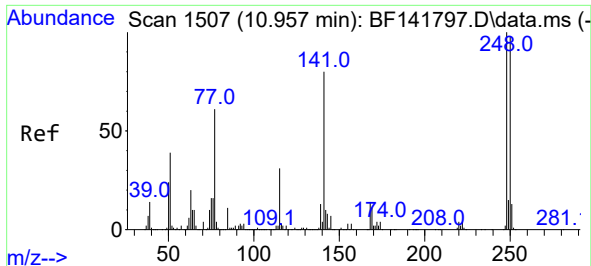
Tgt Ion:198 Resp: 220801  
Ion Ratio Lower Upper  
198 100  
51 46.8 32.1 72.1  
105 44.2 28.5 68.5



#66  
n-Nitrosodiphenylamine  
Concen: 40.71 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:169 Resp: 1071992  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.0 79.6  
167 36.6 29.3 43.9

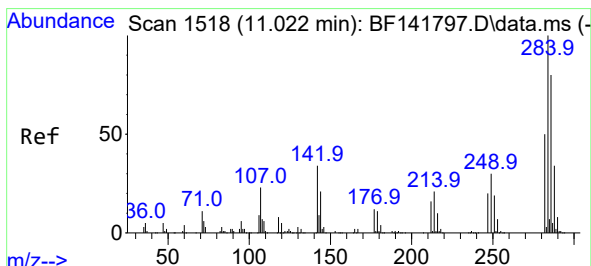
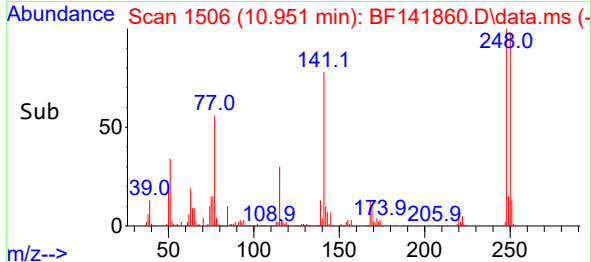
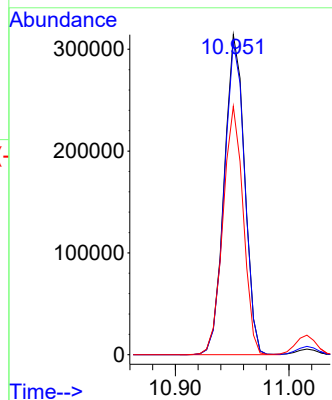
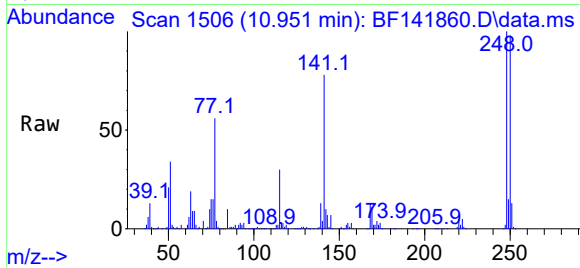




#67  
4-Bromophenyl-phenylether  
Concen: 41.82 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

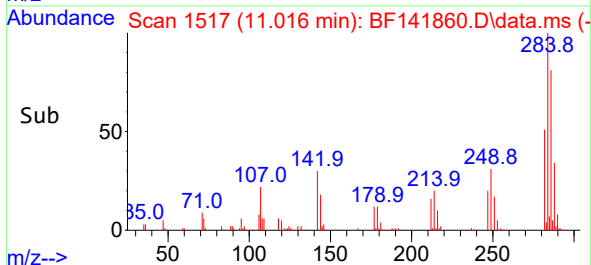
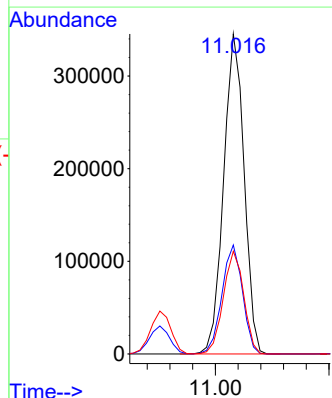
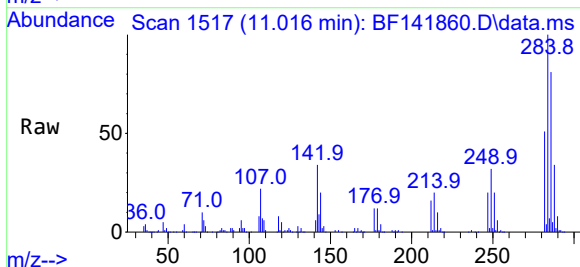
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

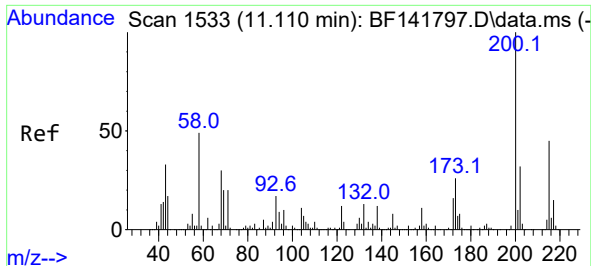
Tgt Ion:248 Resp: 391710  
Ion Ratio Lower Upper  
248 100  
250 97.8 78.1 117.1  
141 77.6 64.3 96.5



#68  
Hexachlorobenzene  
Concen: 43.76 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:284 Resp: 432837  
Ion Ratio Lower Upper  
284 100  
142 34.0 28.2 42.2  
249 32.1 25.5 38.3

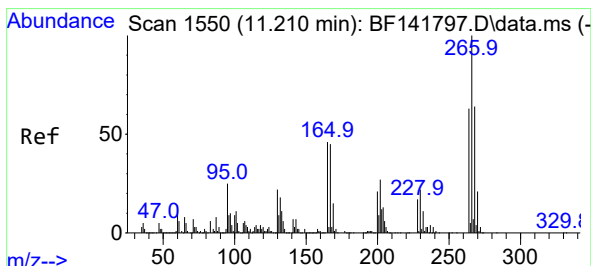
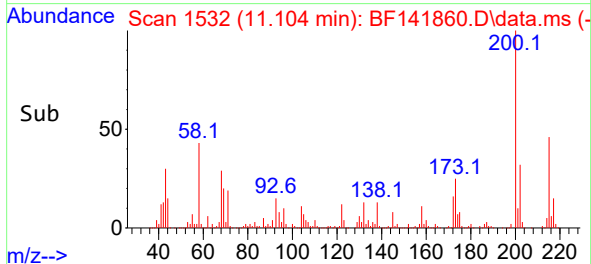
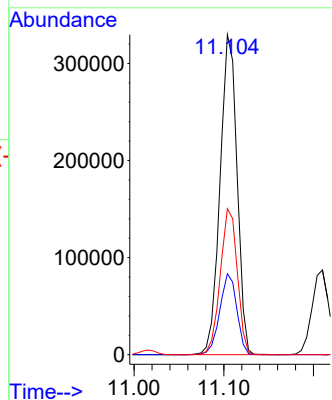
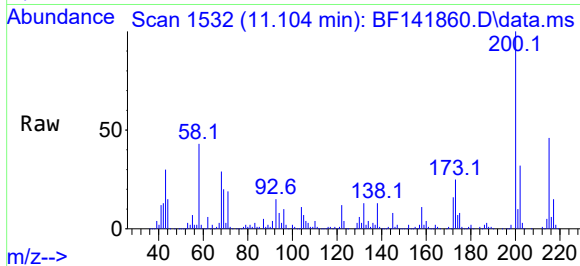




#69  
Atrazine  
Concen: 59.83 ng  
RT: 11.104 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

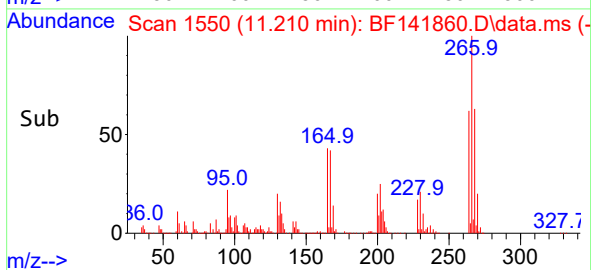
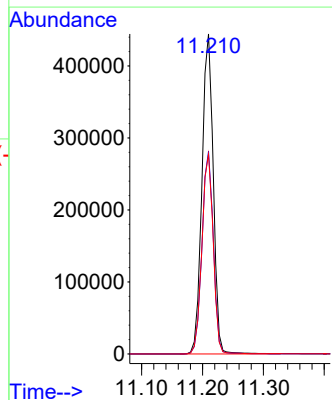
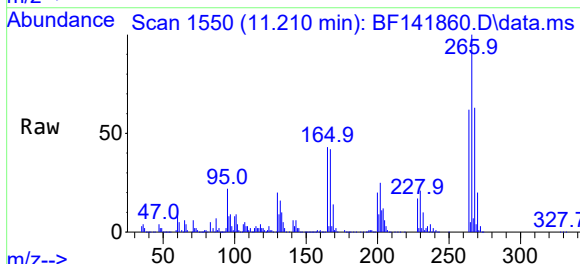
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

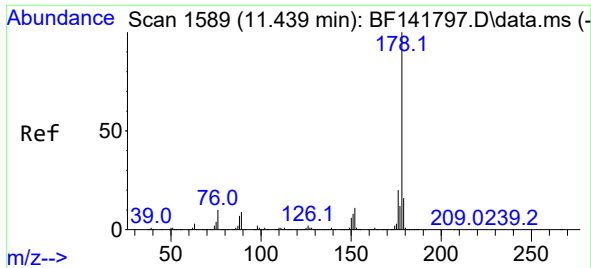
Tgt Ion:200 Resp: 433249  
Ion Ratio Lower Upper  
200 100  
173 25.3 5.6 45.6  
215 45.6 25.3 65.3



#70  
Pentachlorophenol  
Concen: 91.52 ng  
RT: 11.210 min Scan# 1550  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:266 Resp: 574113  
Ion Ratio Lower Upper  
266 100  
268 63.3 50.9 76.3  
264 62.4 50.2 75.4

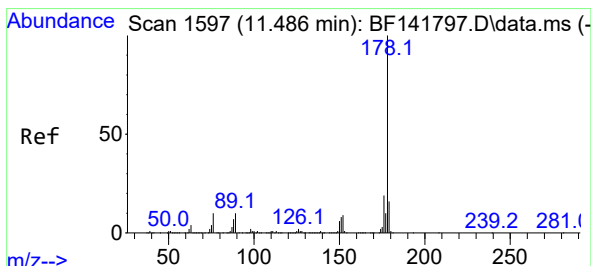
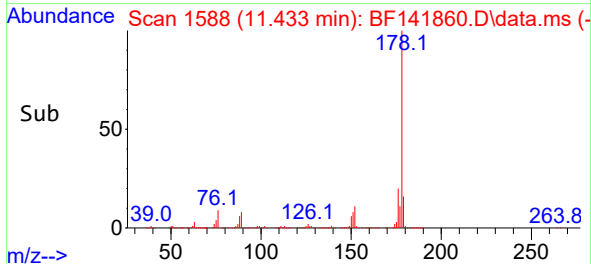
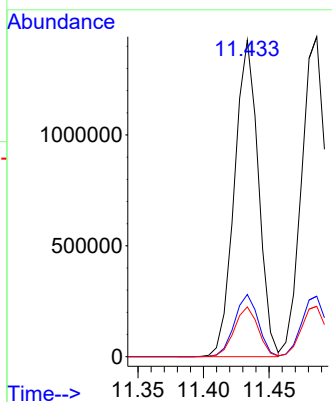
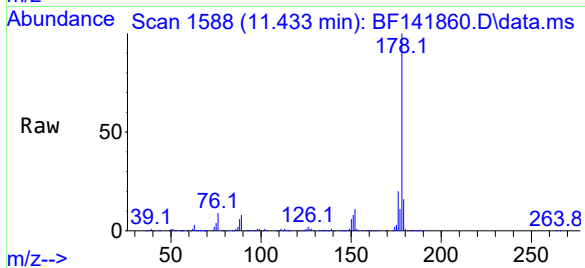




#71  
Phenanthrene  
Concen: 42.26 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

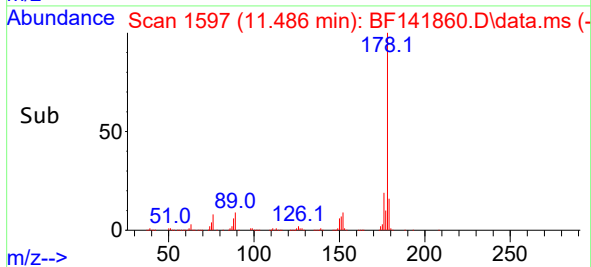
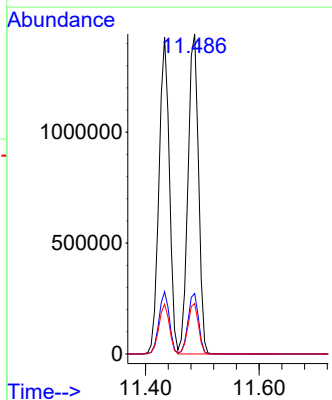
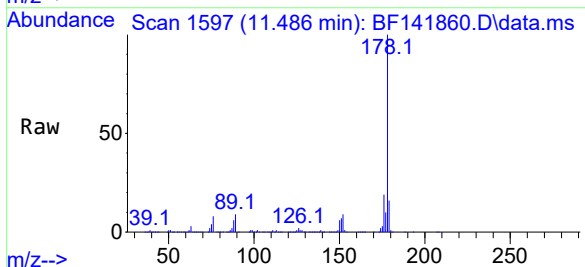
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

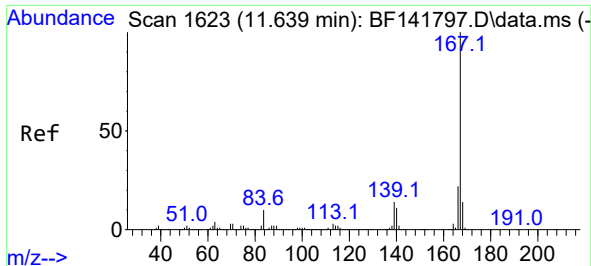
Tgt Ion:178 Resp: 1812700  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.0 24.0  
179 15.7 12.6 19.0



#72  
Anthracene  
Concen: 43.15 ng  
RT: 11.486 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

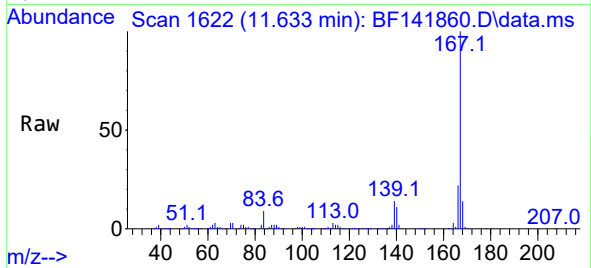
Tgt Ion:178 Resp: 1854922  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 15.8 12.8 19.2





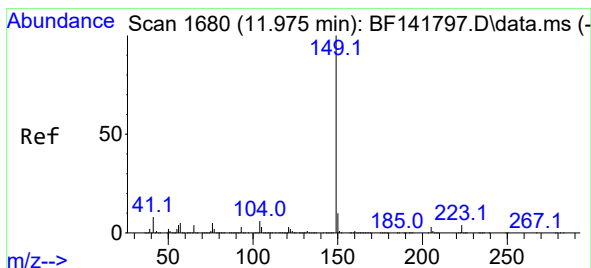
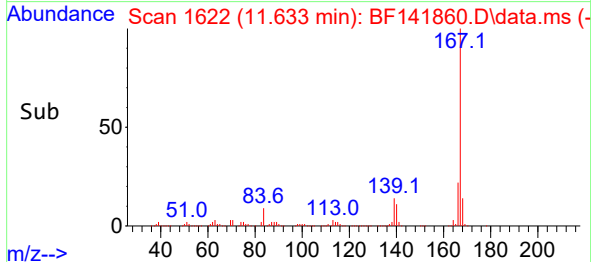
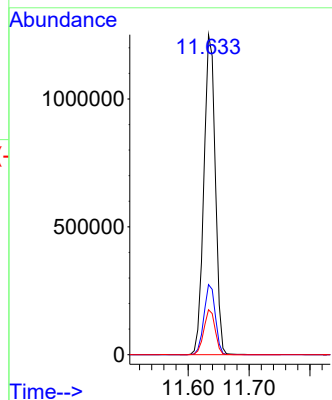
#73  
 Carbazole  
 Concen: 43.06 ng  
 RT: 11.633 min Scan# 1622  
 Delta R.T. -0.006 min  
 Lab File: BF141860.D  
 Acq: 06 Mar 2025 10:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166984BS



Tgt Ion:167 Resp: 1634694

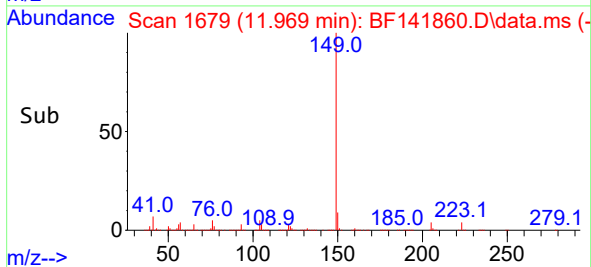
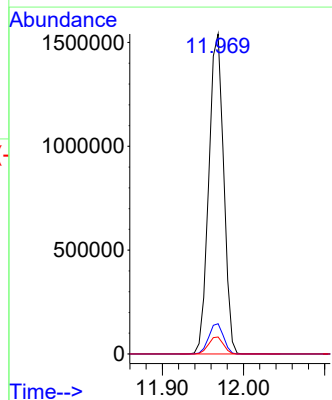
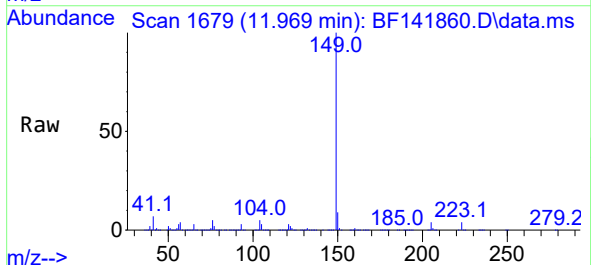
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.5  | 26.3  |
| 139 | 14.0  | 11.3  | 16.9  |

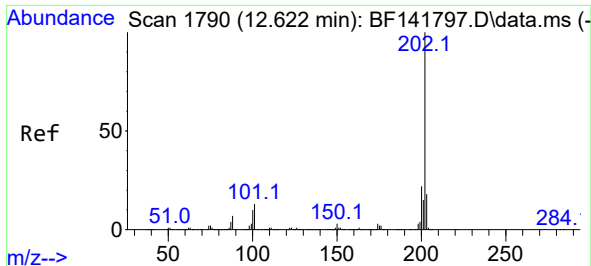


#74  
 Di-n-butylphthalate  
 Concen: 40.56 ng  
 RT: 11.969 min Scan# 1679  
 Delta R.T. -0.006 min  
 Lab File: BF141860.D  
 Acq: 06 Mar 2025 10:52 am

Tgt Ion:149 Resp: 1951706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.7   | 11.5  |
| 104 | 5.3   | 4.4   | 6.6   |

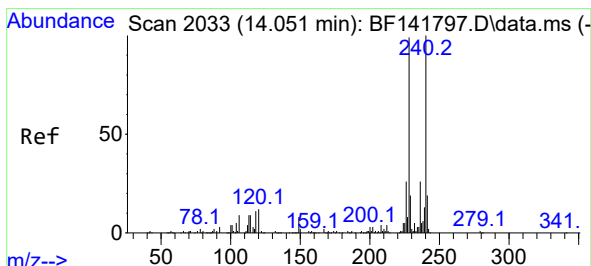
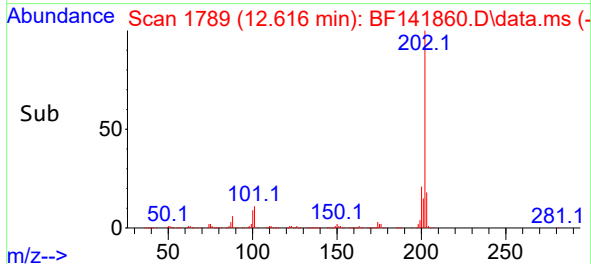
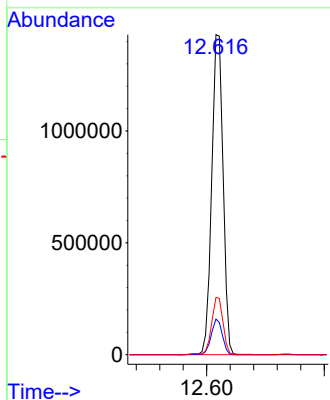
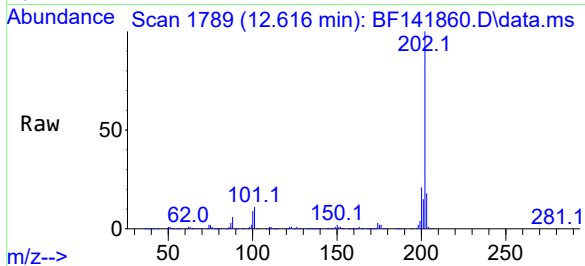




#75  
Fluoranthene  
Concen: 43.75 ng  
RT: 12.616 min Scan# 1789  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

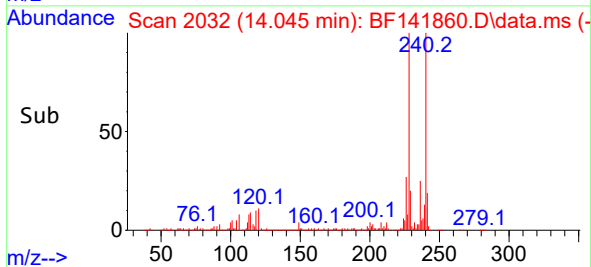
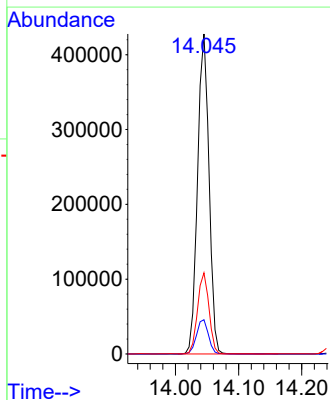
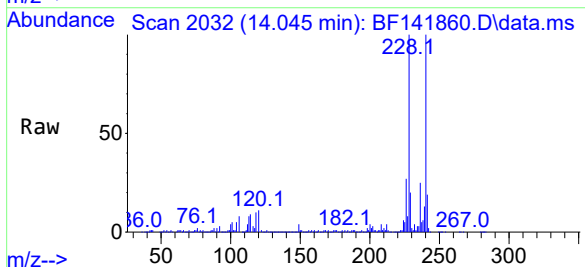
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

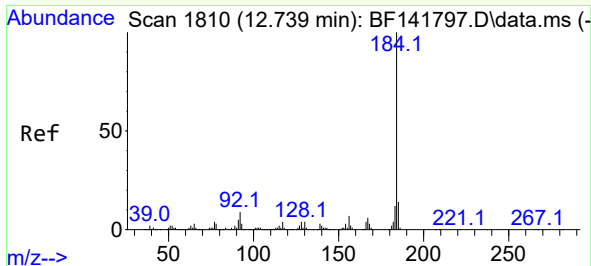
Tgt Ion:202 Resp: 1922924  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 32.8  
203 17.9 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:240 Resp: 537472  
Ion Ratio Lower Upper  
240 100  
120 10.7 9.7 14.5  
236 25.3 21.0 31.4

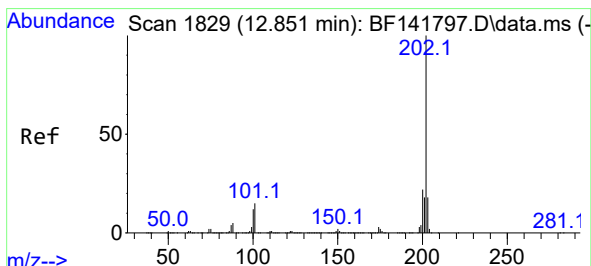
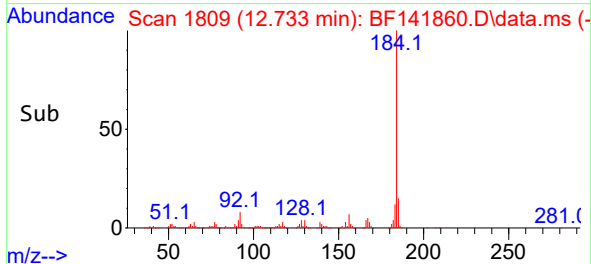
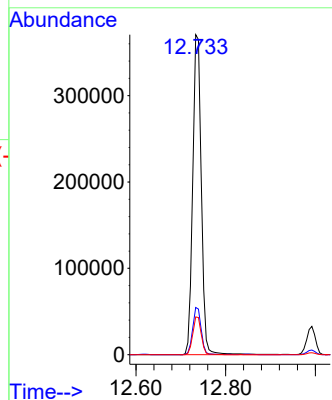
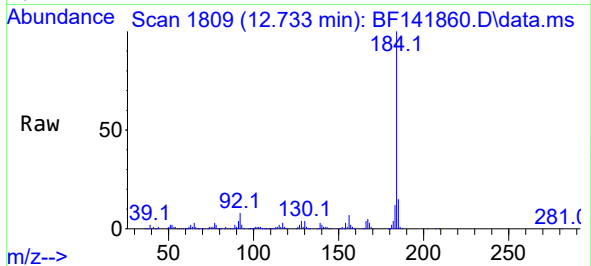




#77  
Benzidine  
Concen: 72.90 ng  
RT: 12.733 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

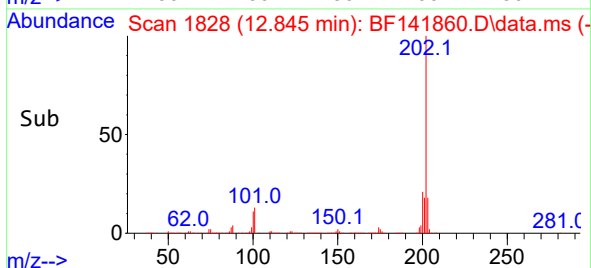
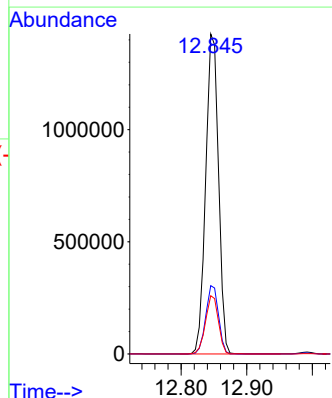
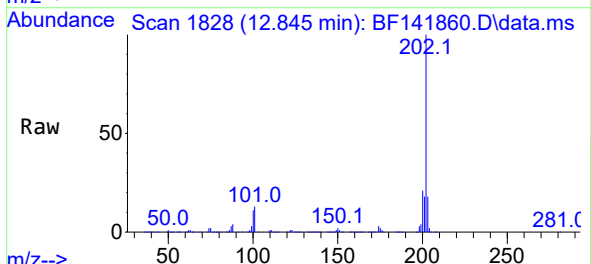
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BNA\_F  
ClientSampleId :  
PB166984BS

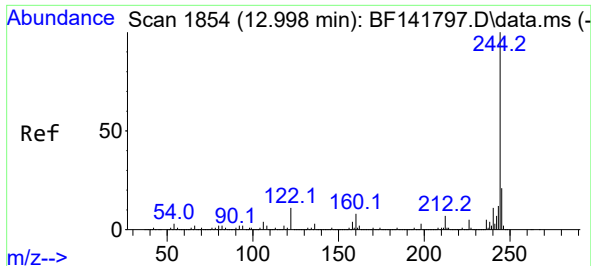
Tgt Ion:184 Resp: 493167  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.6 17.4  
183 11.8 9.4 14.0



#78  
Pyrene  
Concen: 41.71 ng  
RT: 12.845 min Scan# 1828  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:202 Resp: 1941461  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.4 26.0  
203 18.2 14.6 22.0

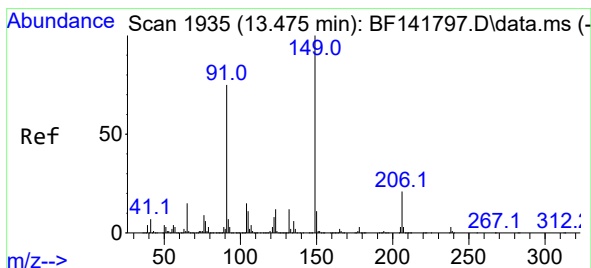
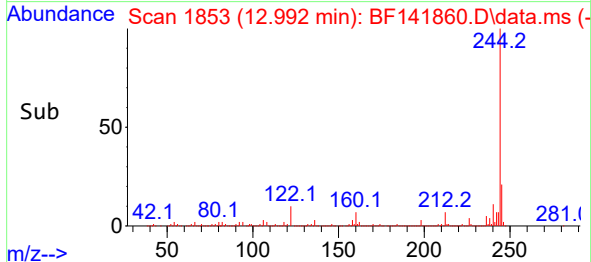
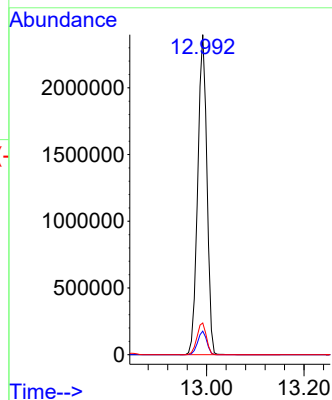
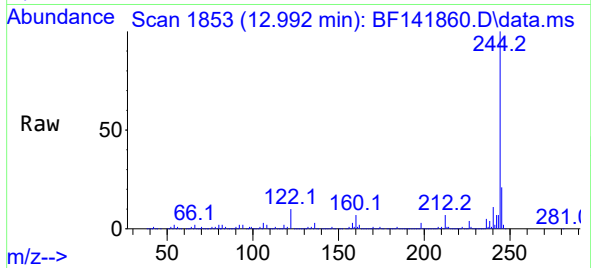




#79  
 Terphenyl-d14  
 Concen: 94.94 ng  
 RT: 12.992 min Scan# 1853  
 Delta R.T. -0.006 min  
 Lab File: BF141860.D  
 Acq: 06 Mar 2025 10:52

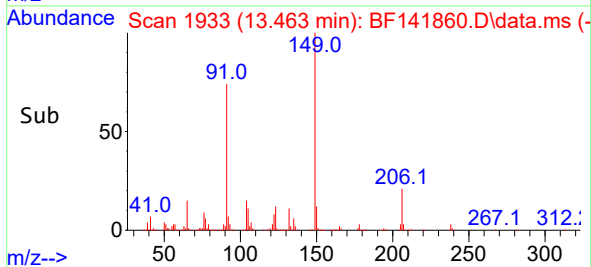
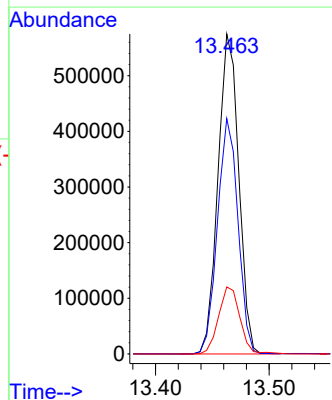
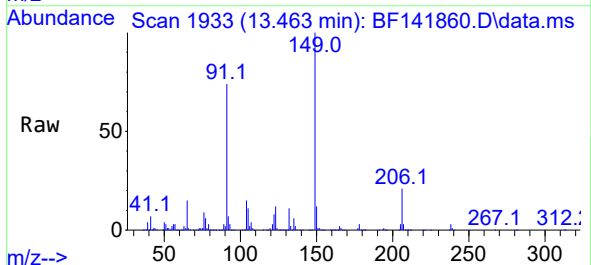
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166984BS

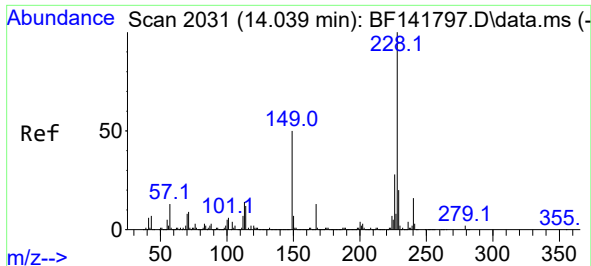
Tgt Ion:244 Resp: 3153921  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 9.9 9.0 13.6



#80  
 Butylbenzylphthalate  
 Concen: 43.18 ng  
 RT: 13.463 min Scan# 1933  
 Delta R.T. -0.012 min  
 Lab File: BF141860.D  
 Acq: 06 Mar 2025 10:52 am

Tgt Ion:149 Resp: 730230  
 Ion Ratio Lower Upper  
 149 100  
 91 73.6 60.1 90.1  
 206 20.9 16.8 25.2

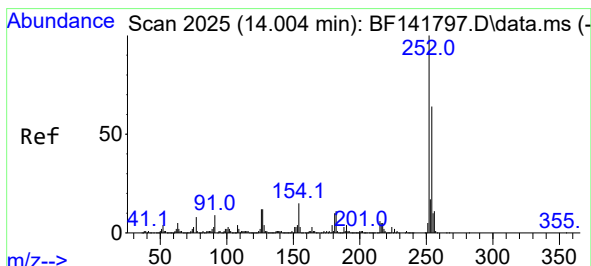
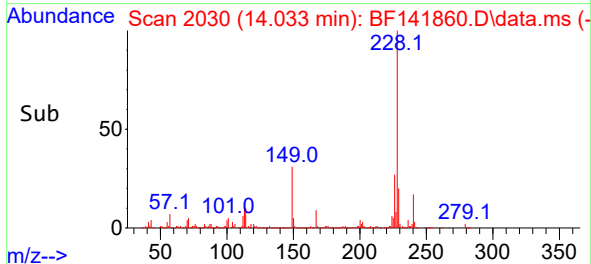
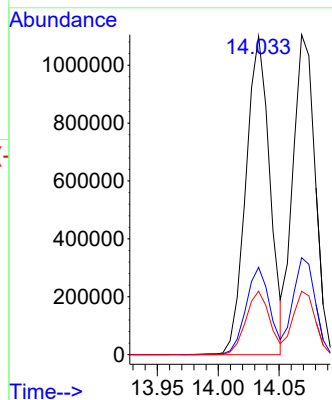
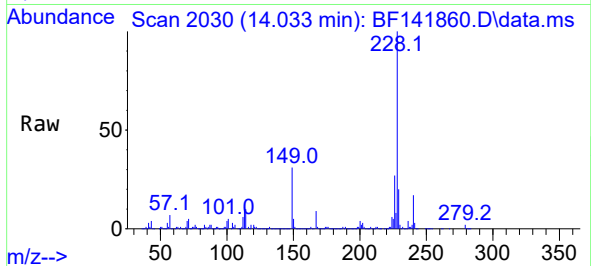




#81  
Benzo(a)anthracene  
Concen: 42.45 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

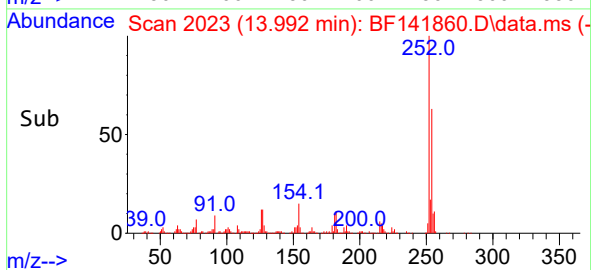
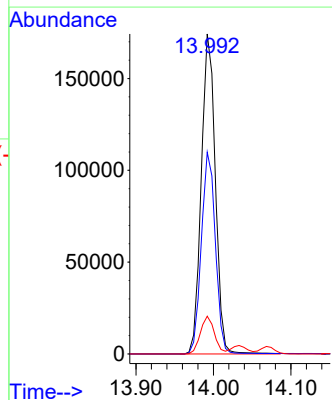
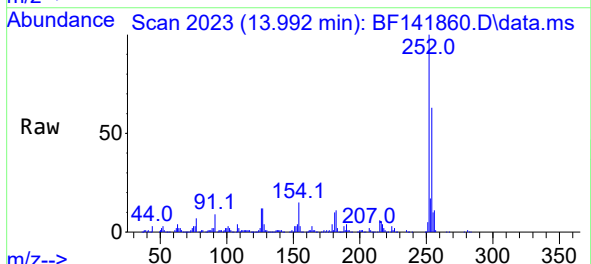
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

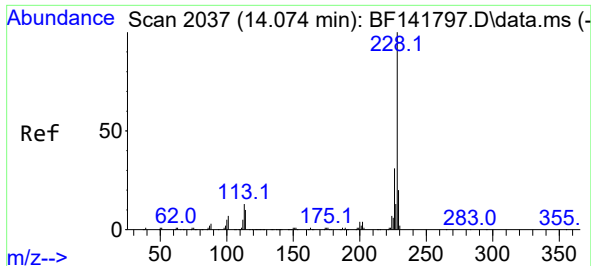
Tgt Ion:228 Resp: 1506856  
Ion Ratio Lower Upper  
228 100  
226 27.4 22.1 33.1  
229 19.9 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 21.56 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:252 Resp: 219648  
Ion Ratio Lower Upper  
252 100  
254 63.1 51.4 77.0  
126 11.8 9.8 14.6

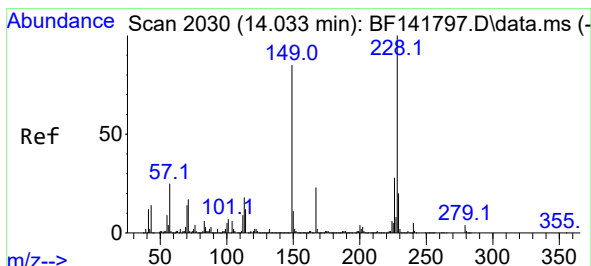
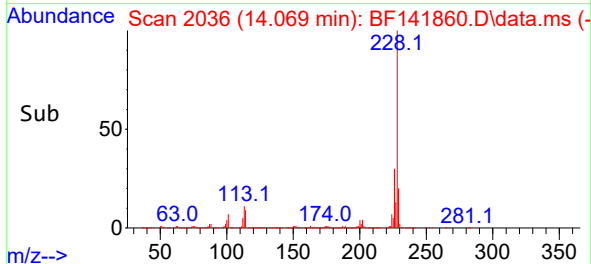
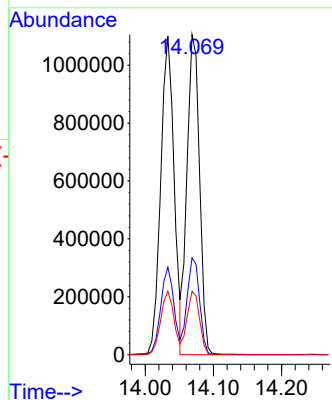
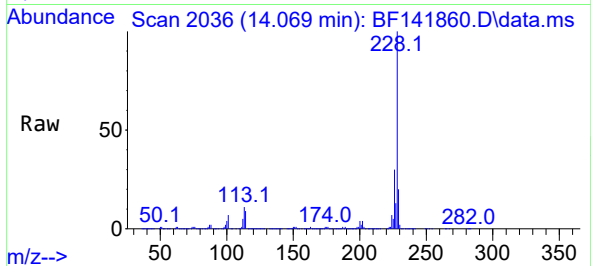




#83  
Chrysene  
Concen: 42.89 ng  
RT: 14.069 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

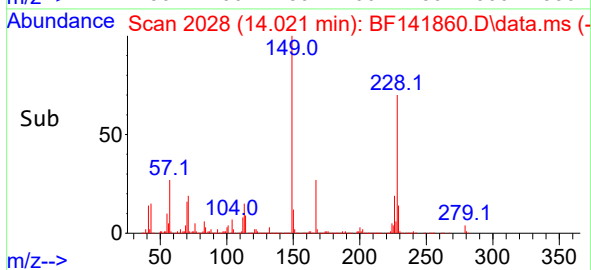
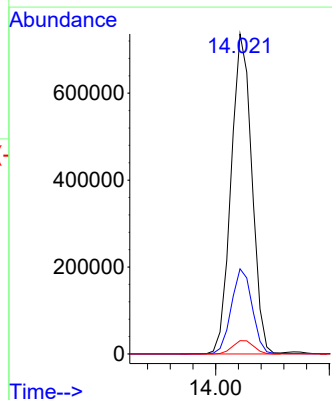
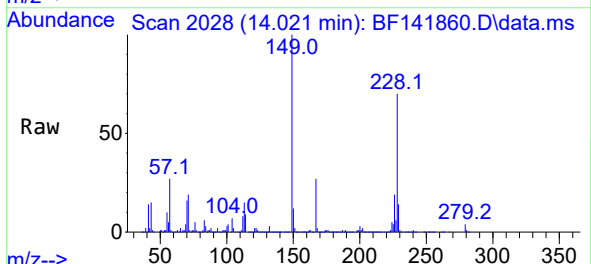
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

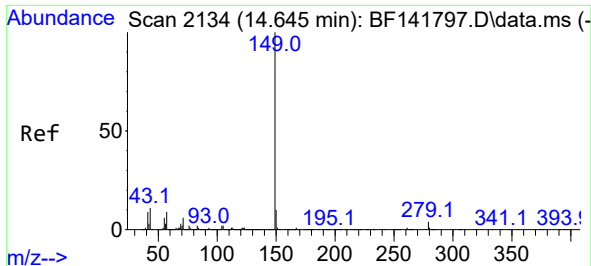
Tgt Ion:228 Resp: 1403466  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.6 37.0  
229 19.8 16.1 24.1



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.29 ng  
RT: 14.021 min Scan# 2028  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:149 Resp: 932426  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.2 31.8  
279 4.1 3.3 4.9

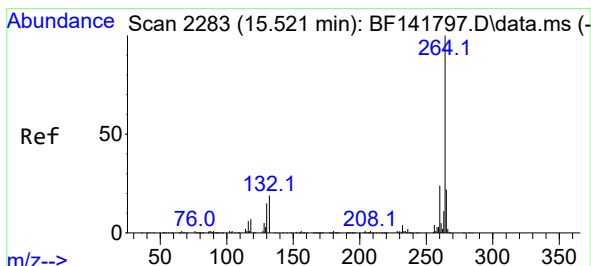
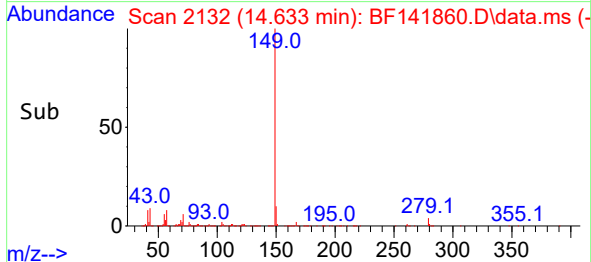
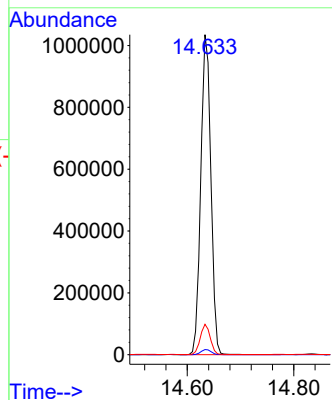
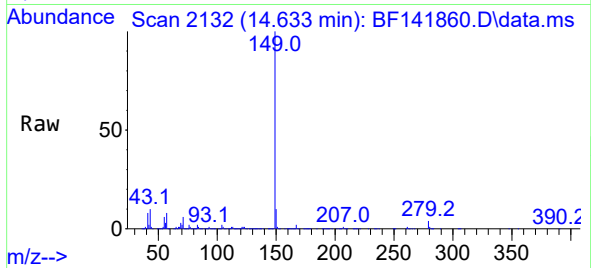




#85  
Di-n-octyl phthalate  
Concen: 43.15 ng  
RT: 14.633 min Scan# 2134  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

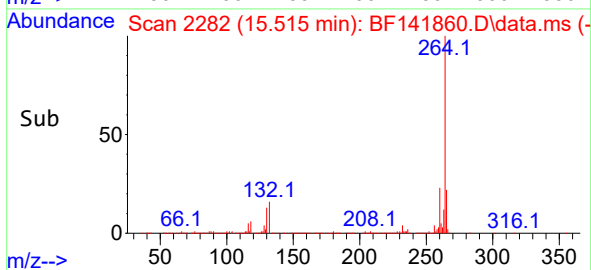
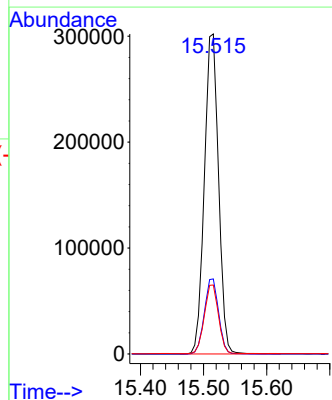
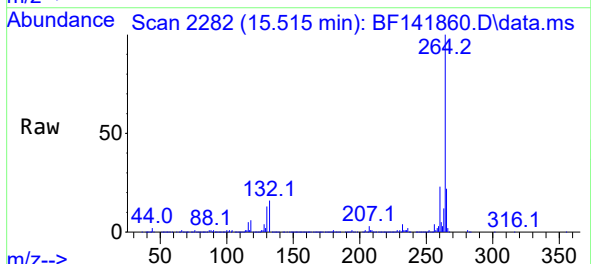
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ClientSampleId :  
PB166984BS

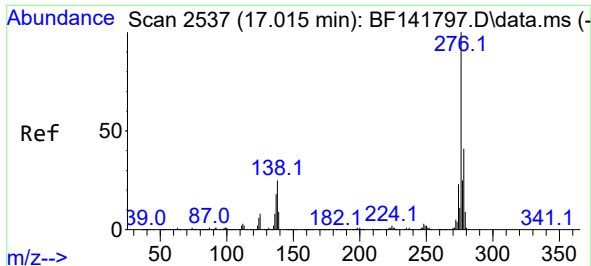
Tgt Ion:149 Resp: 1360035  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 9.3 8.6 12.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.515 min Scan# 2282  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:264 Resp: 470320  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.9 28.3  
265 21.6 17.4 26.0

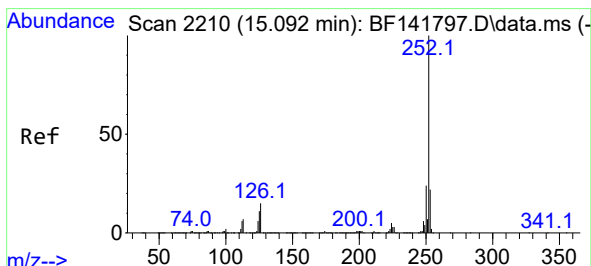
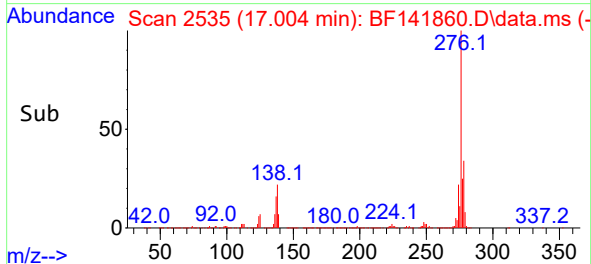
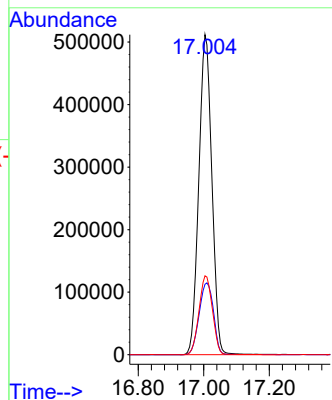
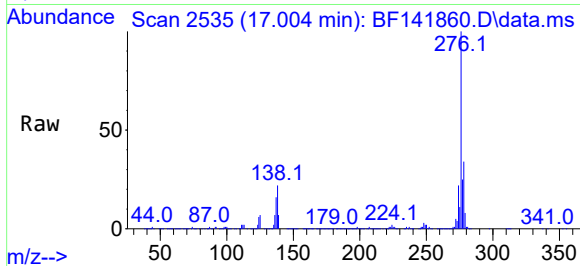




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.29 ng  
RT: 17.004 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

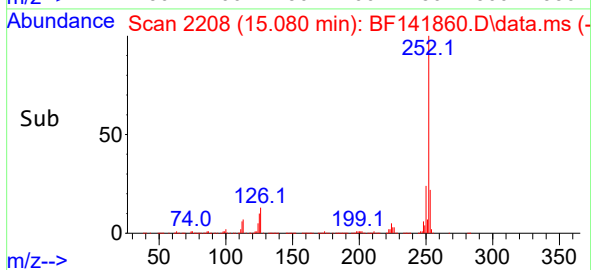
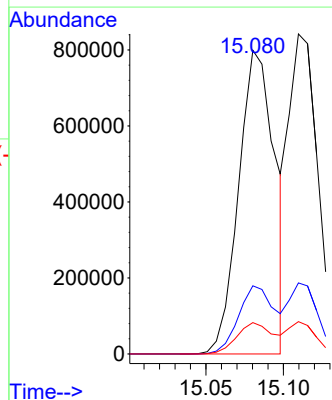
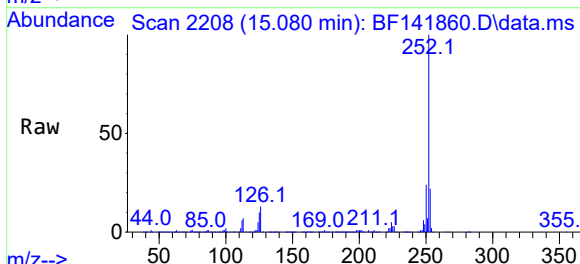
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PB166984BS

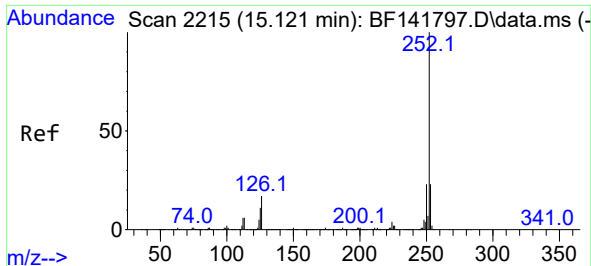
Tgt Ion:276 Resp: 1416313  
Ion Ratio Lower Upper  
276 100  
138 24.8 22.5 33.7  
277 25.5 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 40.49 ng  
RT: 15.080 min Scan# 2208  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:252 Resp: 1297204  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.7 26.5  
125 10.3 8.6 13.0

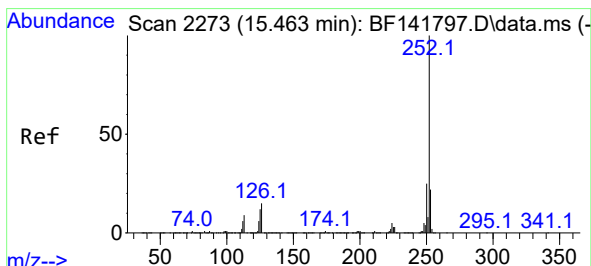
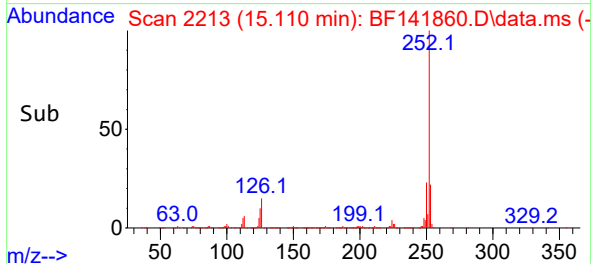
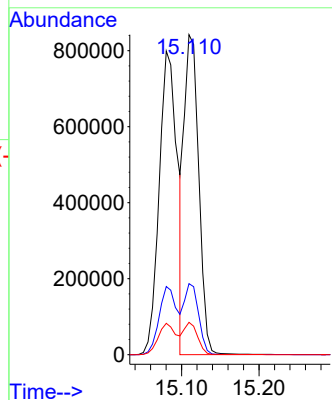
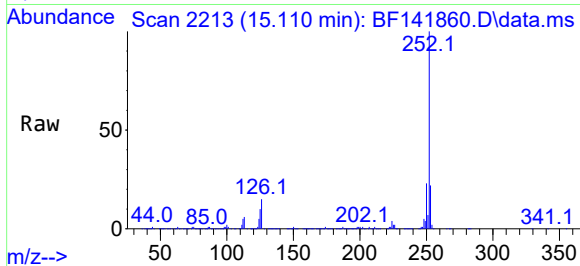




#89  
Benzo(k)fluoranthene  
Concen: 40.36 ng  
RT: 15.110 min Scan# 2110  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

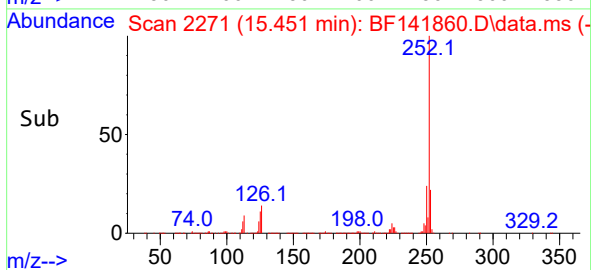
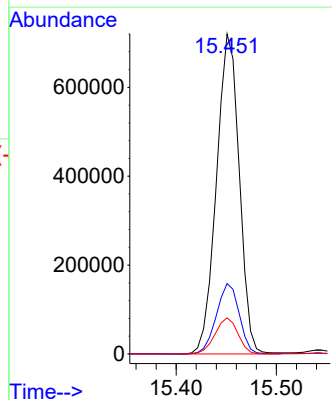
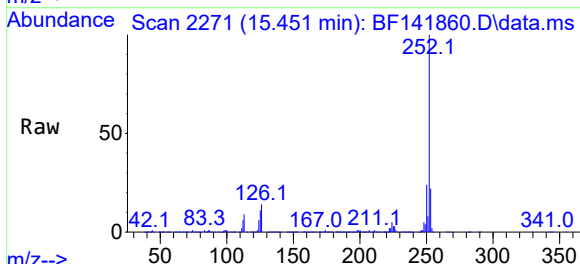
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BNA\_F  
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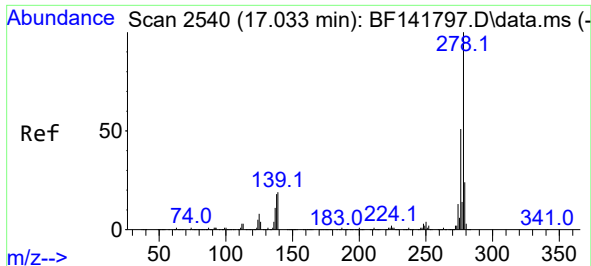
Tgt Ion:252 Resp: 1099133  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.8  
125 10.1 8.8 13.2



#90  
Benzo(a)pyrene  
Concen: 44.25 ng  
RT: 15.451 min Scan# 2271  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:252 Resp: 1136844  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 11.3 9.4 14.2

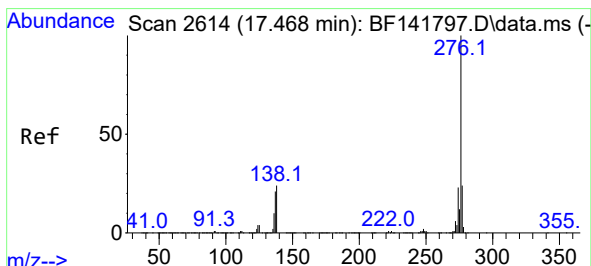
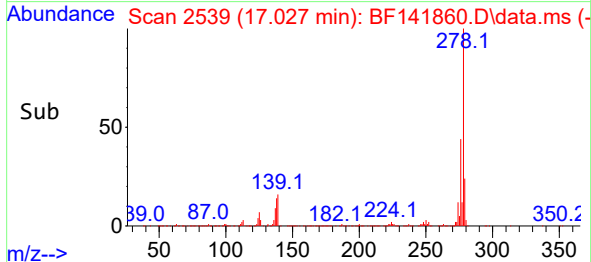
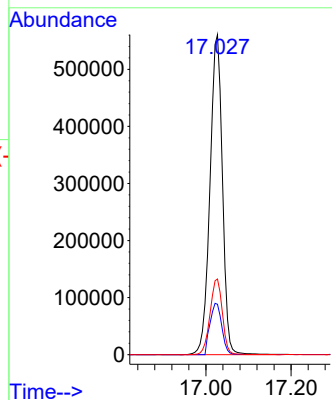
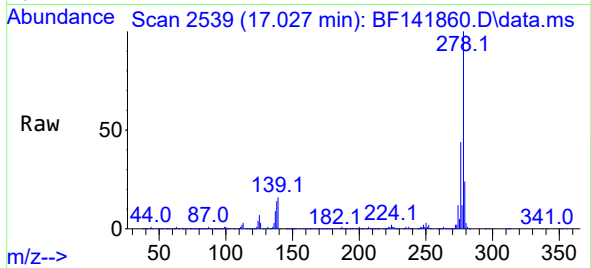




#91  
Dibenzo(a,h)anthracene  
Concen: 46.52 ng  
RT: 17.027 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BS

Tgt Ion:278 Resp: 1137230  
Ion Ratio Lower Upper  
278 100  
139 15.8 14.9 22.3  
279 23.7 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 44.13 ng  
RT: 17.457 min Scan# 2612  
Delta R.T. -0.012 min  
Lab File: BF141860.D  
Acq: 06 Mar 2025 10:52 am

Tgt Ion:276 Resp: 1105086  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.4 29.0  
138 21.6 19.3 28.9

