

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070925\  
 Data File : BF143050.D  
 Acq On : 09 Jul 2025 11:54  
 Operator : RC/JU  
 Sample : PB168737BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168737BS

Quant Time: Jul 09 12:15:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 58302    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 228077   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.916  | 164  | 121529   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 206226   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 108155   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 126456   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 449648   | 128.406 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 531316   | 128.604 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 334645   | 80.480  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 173308   | 138.578 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 744829   | 80.513  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.992 | 244  | 658375   | 84.109  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 50294    | 35.908  | ng    | 98       |
| 3) Pyridine                   | 3.481  | 79   | 136499   | 38.874  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.440  | 42   | 73847    | 40.670  | ng    | 98       |
| 6) Aniline                    | 6.534  | 93   | 188534   | 34.296  | ng    | # 65     |
| 8) 2-Chlorophenol             | 6.657  | 128  | 168543   | 44.619  | ng    | 99       |
| 9) Benzaldehyde               | 6.422  | 77   | 108014   | 44.068  | ng    | 100      |
| 10) Phenol                    | 6.528  | 94   | 199506   | 43.443  | ng    | 75       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 147349   | 44.893  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 183182   | 43.361  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.893  | 146  | 185779   | 43.587  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 175552   | 43.424  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 135160   | 45.253  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 212911   | 40.375  | ng    | 80       |
| 17) 2-Methylphenol            | 7.134  | 107  | 127680   | 44.603  | ng    | 95       |
| 18) Hexachloroethane          | 7.381  | 117  | 66815    | 44.817  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 109219   | 45.454  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 164295   | 46.032  | ng    | 98       |
| 22) Acetophenone              | 7.281  | 105  | 224694   | 44.675  | ng    | 100      |
| 24) Nitrobenzene              | 7.457  | 77   | 161798   | 42.991  | ng    | 99       |
| 25) Isophorone                | 7.698  | 82   | 294629   | 44.170  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.775  | 139  | 94009    | 45.855  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 155883m  | 43.896  | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 185475   | 43.737  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 144105   | 44.754  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 152029   | 42.938  | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 486485   | 43.576  | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 75951    | 41.962  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 118697   | 26.148  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 95154    | 43.935  | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 41350m   | 48.666  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 144951   | 45.296  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 304530   | 43.999  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 316070   | 44.114  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 157840   | 44.017  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 151098   | 74.252  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 98098    | 41.982  | ng    | 99       |

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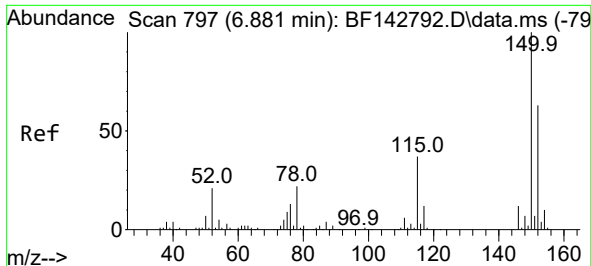
Instrument :  
 BNA\_F  
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Quant Time: Jul 09 12:15:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 104512   | 42.489 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 429404   | 44.729 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 313651   | 43.537 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 89915    | 44.518 | ng    | 95       |
| 49) Acenaphthylene            | 9.781  | 152  | 524170   | 44.198 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 366959   | 46.648 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 80555    | 46.629 | ng    | 98       |
| 52) Acenaphthene              | 9.951  | 154  | 354292m  | 48.963 | ng    |          |
| 53) 3-Nitroaniline            | 9.875  | 138  | 58083    | 30.537 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 78340    | 90.563 | ng    | 95       |
| 55) Dibenzofuran              | 10.122 | 168  | 463528   | 44.673 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.045 | 139  | 95638    | 73.445 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 107991   | 47.060 | ng    | 94       |
| 58) Fluorene                  | 10.469 | 166  | 368742   | 45.504 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 91493    | 46.145 | ng    | 92       |
| 60) Diethylphthalate          | 10.339 | 149  | 361272   | 46.839 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 176041   | 45.525 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 77682    | 44.655 | ng    | 97       |
| 63) Azobenzene                | 10.616 | 77   | 310675   | 45.067 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 55980    | 44.878 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 317396   | 44.408 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 106772   | 45.492 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 118369   | 45.388 | ng    | 99       |
| 69) Atrazine                  | 11.104 | 200  | 92623    | 50.184 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 93964    | 72.305 | ng    | 99       |
| 71) Phenanthrene              | 11.433 | 178  | 490556   | 43.912 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 506842   | 44.238 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 437258   | 44.225 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 498833   | 48.431 | ng    | 100      |
| 75) Fluoranthene              | 12.622 | 202  | 465293   | 43.887 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 162907   | 40.090 | ng    | 99       |
| 78) Pyrene                    | 12.851 | 202  | 458140   | 45.191 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 144006   | 48.970 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 324209   | 44.435 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 58933    | 24.902 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 287397   | 44.143 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 203388   | 48.071 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 387425   | 48.561 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.074 | 276  | 410298   | 42.597 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 316328   | 43.230 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 324795   | 47.444 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 319058   | 45.135 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.086 | 278  | 332637   | 42.503 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.533 | 276  | 327253   | 41.934 | ng    | 98       |

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

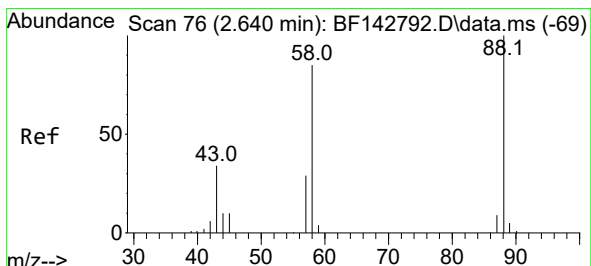
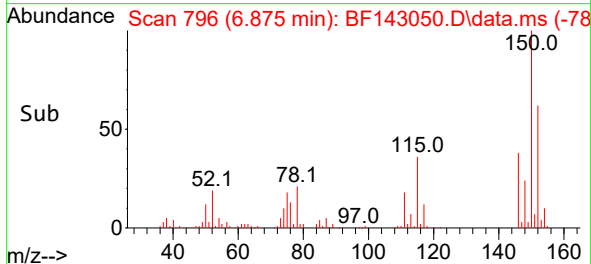
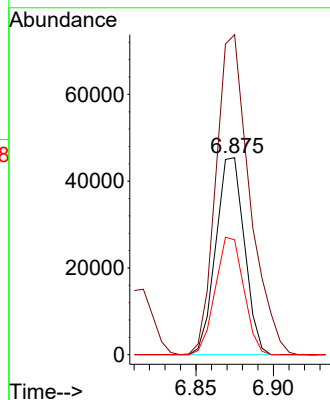
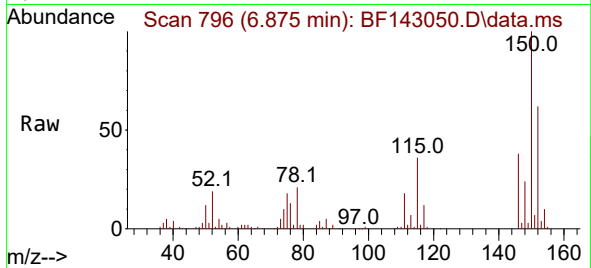




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

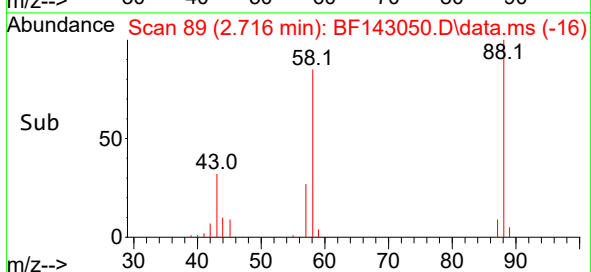
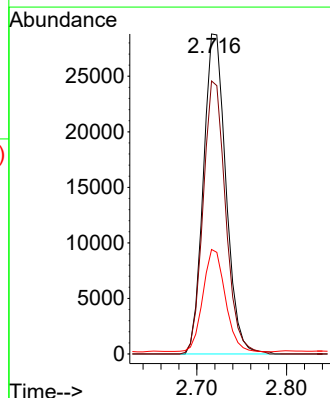
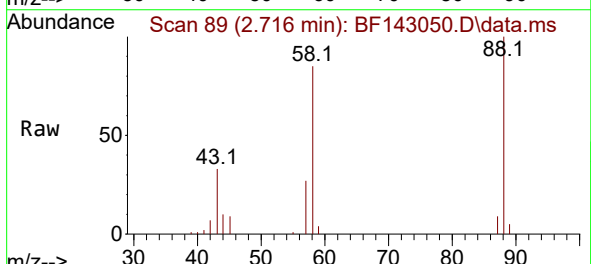
Instrument :  
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PB168737BS

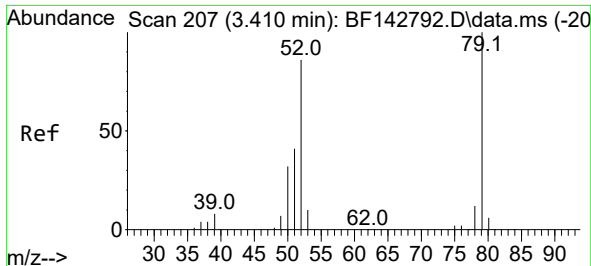
Tgt Ion:152 Resp: 58302  
Ion Ratio Lower Upper  
152 100  
150 162.5 127.2 190.8  
115 58.3 46.6 69.8



#2  
1,4-Dioxane  
Concen: 35.908 ng  
RT: 2.716 min Scan# 89  
Delta R.T. 0.077 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion: 88 Resp: 50294  
Ion Ratio Lower Upper  
88 100  
58 85.1 69.1 103.7  
43 31.8 27.4 41.2





#3

Pyridine

Concen: 38.874 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

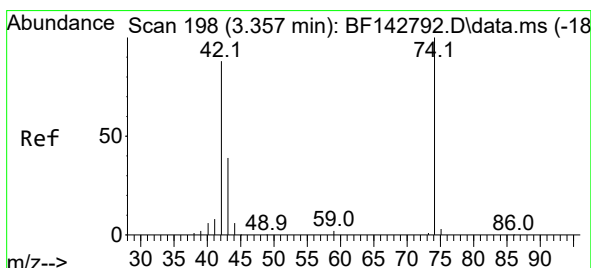
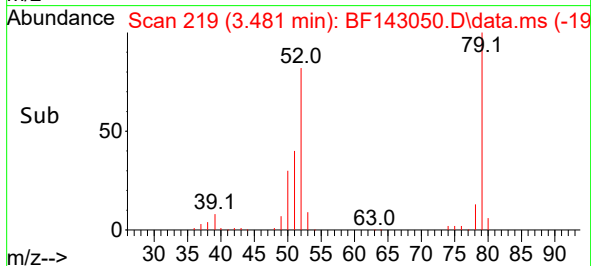
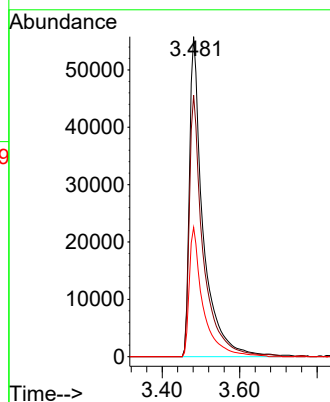
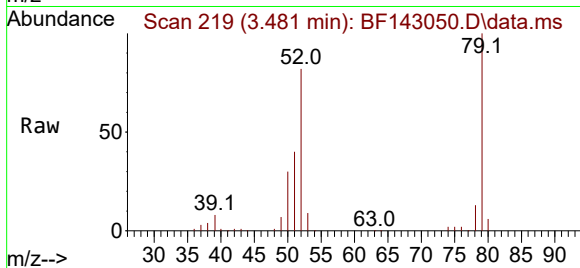
Tgt Ion: 79 Resp: 136499

Ion Ratio Lower Upper

79 100

52 81.7 69.2 103.8

51 40.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 40.670 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.083 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

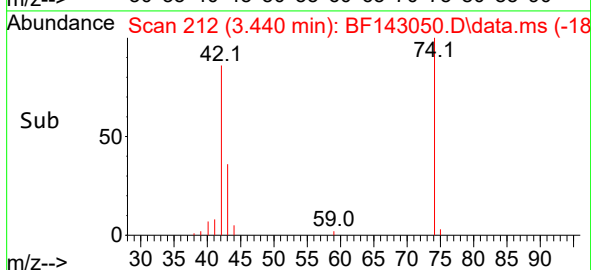
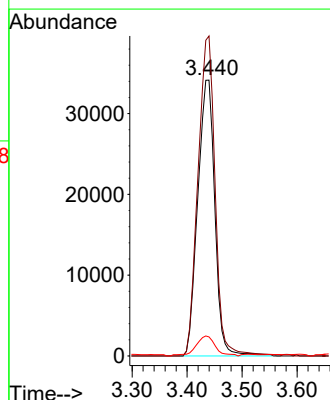
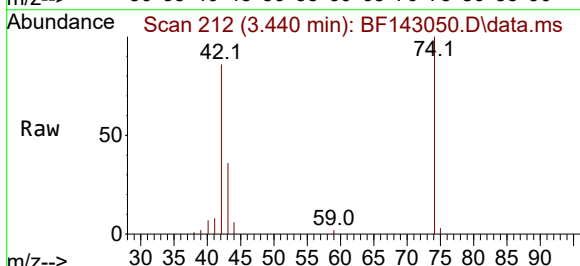
Tgt Ion: 42 Resp: 73847

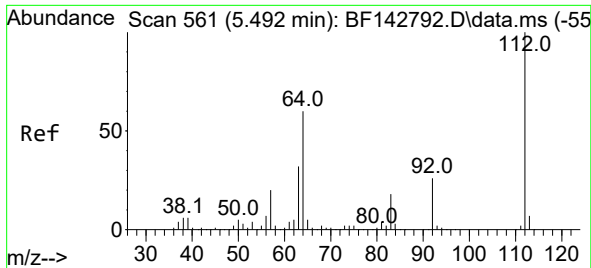
Ion Ratio Lower Upper

42 100

74 116.0 90.9 136.3

44 6.9 5.8 8.6

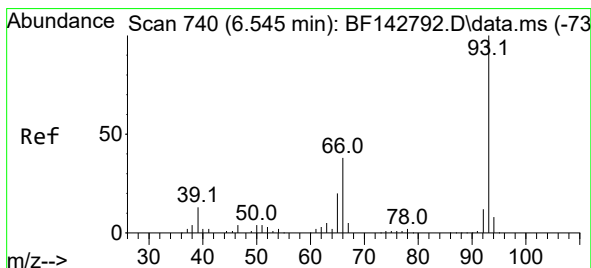
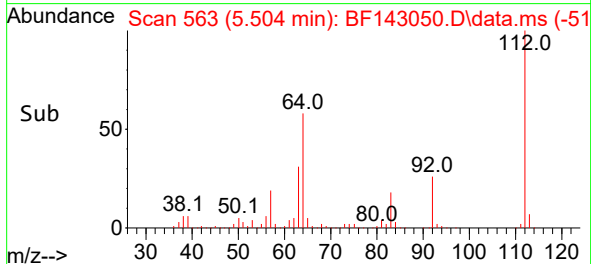
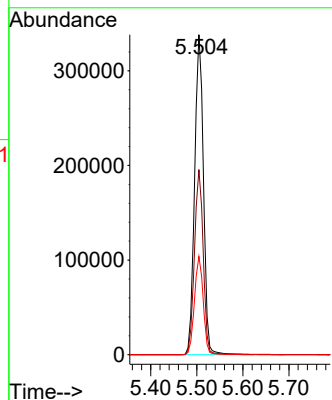
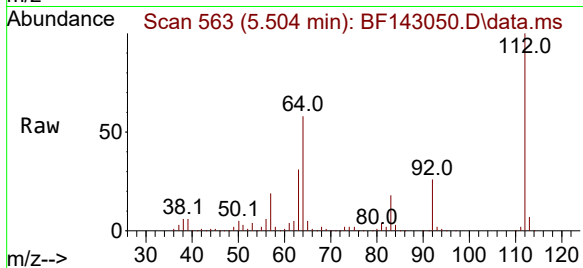




#5  
2-Fluorophenol  
Concen: 128.406 ng  
RT: 5.504 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

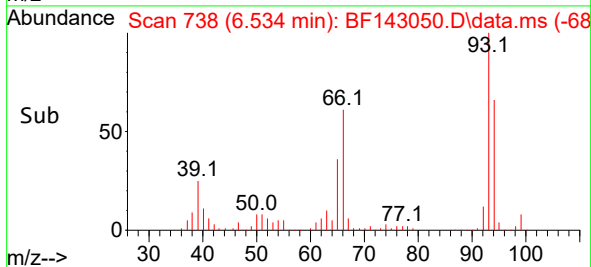
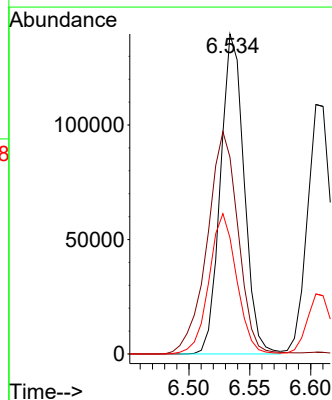
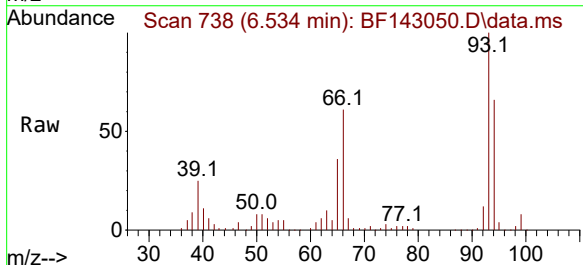
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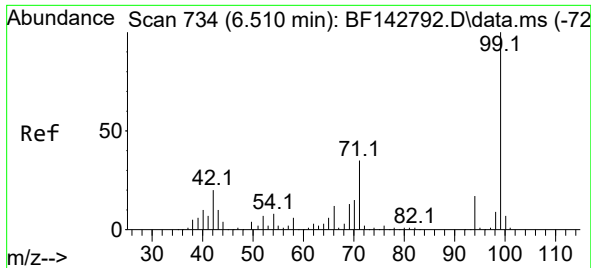
Tgt Ion:112 Resp: 449648  
Ion Ratio Lower Upper  
112 100  
64 57.8 48.2 72.2  
63 30.7 25.7 38.5



#6  
Aniline  
Concen: 34.296 ng  
RT: 6.534 min Scan# 738  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
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Tgt Ion: 93 Resp: 188534  
Ion Ratio Lower Upper  
93 100  
66 61.5 31.8 47.6#  
65 36.3 16.2 24.2#

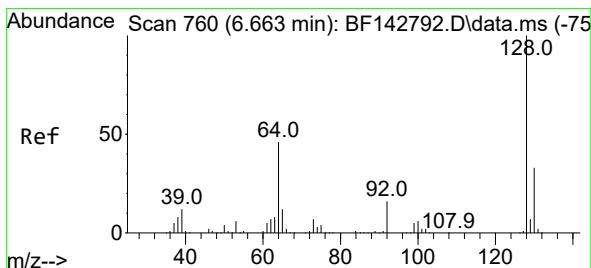
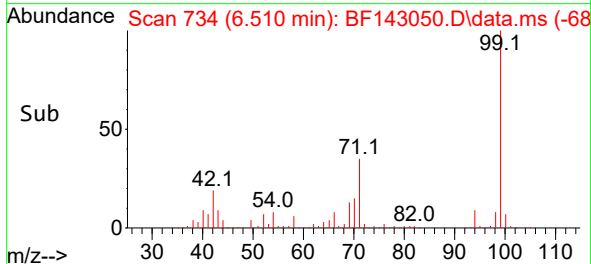
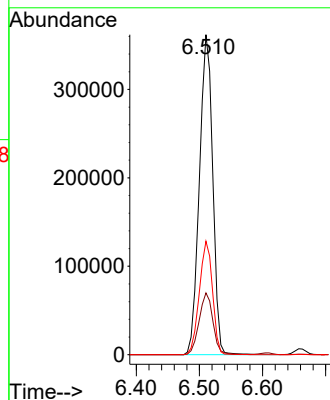
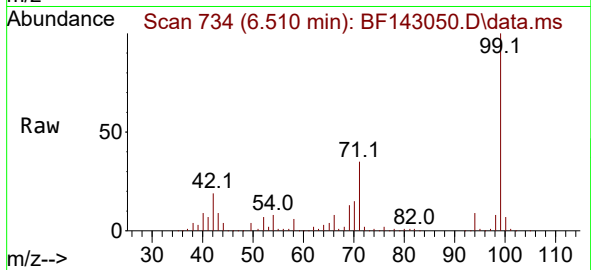




#7  
Phenol-d6  
Concen: 128.604 ng  
RT: 6.510 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

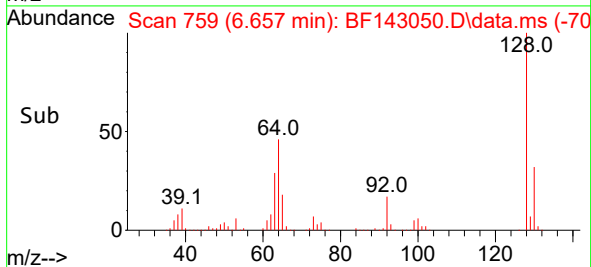
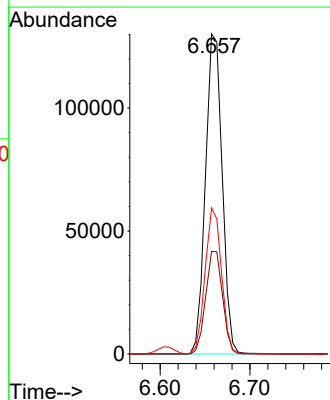
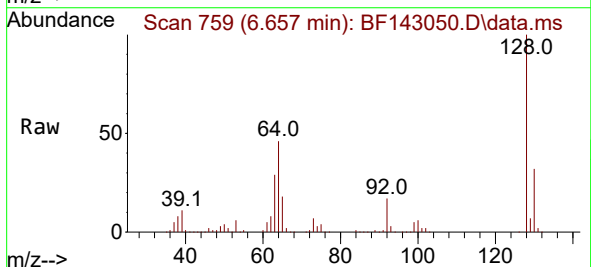
Instrument :  
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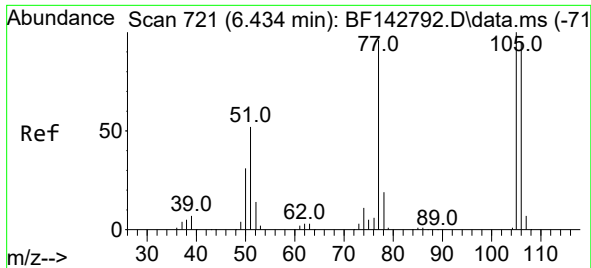
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71 35.5 27.8 41.8



#8  
2-Chlorophenol  
Concen: 44.619 ng  
RT: 6.657 min Scan# 759  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:128 Resp: 168543  
Ion Ratio Lower Upper  
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130 32.1 12.7 52.7  
64 45.7 26.5 66.5

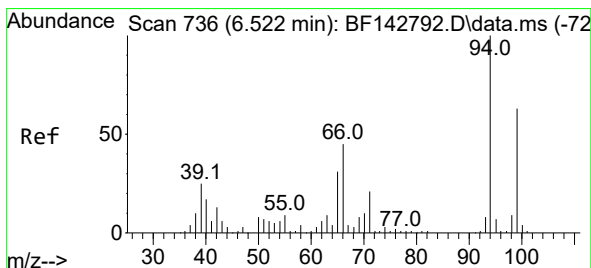
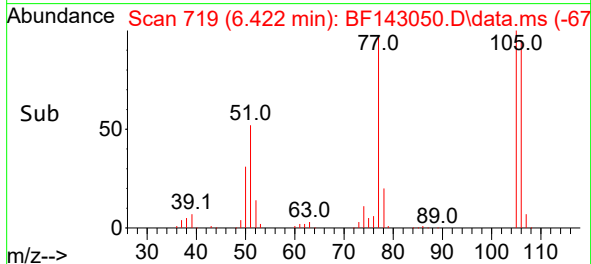
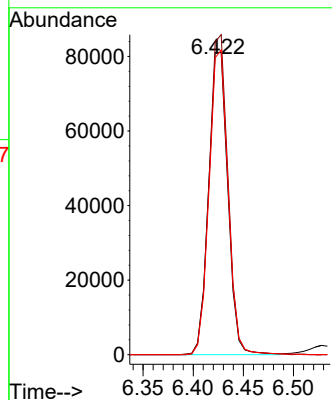
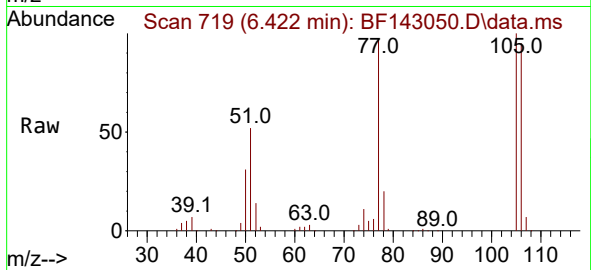




#9  
Benzaldehyde  
Concen: 44.068 ng  
RT: 6.422 min Scan# 719  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

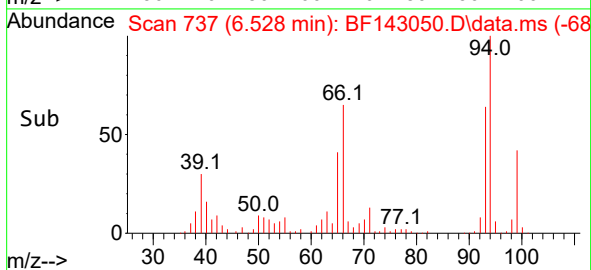
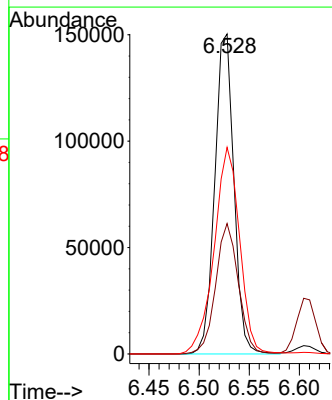
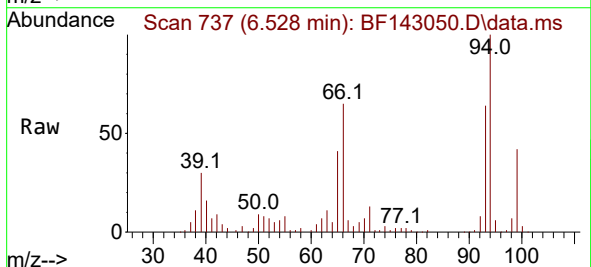
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

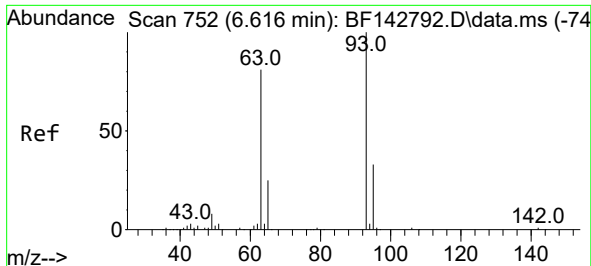
Tgt Ion: 77 Resp: 108014  
Ion Ratio Lower Upper  
77 100  
105 103.6 83.8 123.8  
106 98.3 78.7 118.7



#10  
Phenol  
Concen: 43.443 ng  
RT: 6.528 min Scan# 737  
Delta R.T. 0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion: 94 Resp: 199506  
Ion Ratio Lower Upper  
94 100  
65 40.8 11.3 51.3  
66 64.6 24.9 64.9

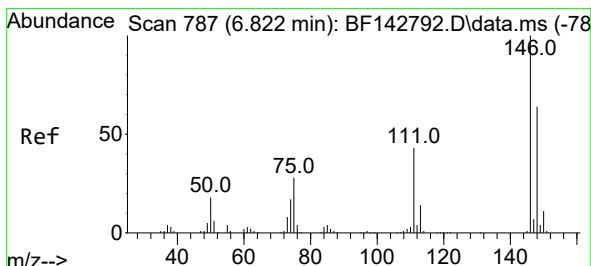
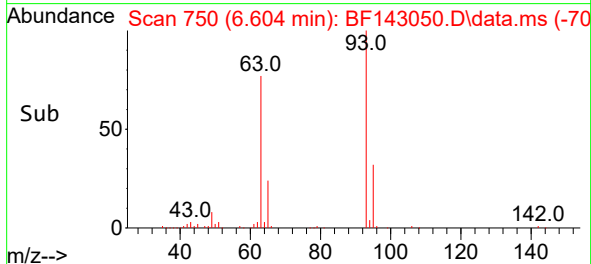
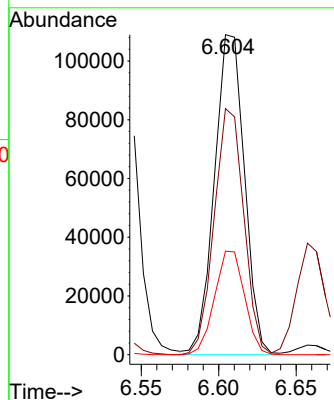
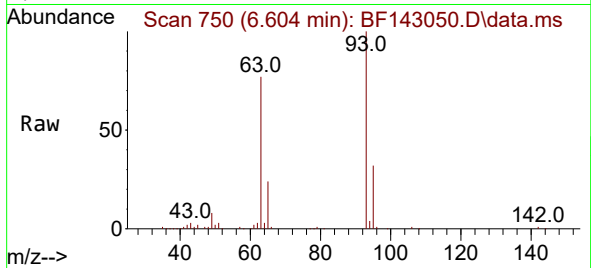




#11  
bis(2-Chloroethyl)ether  
Concen: 44.893 ng  
RT: 6.604 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

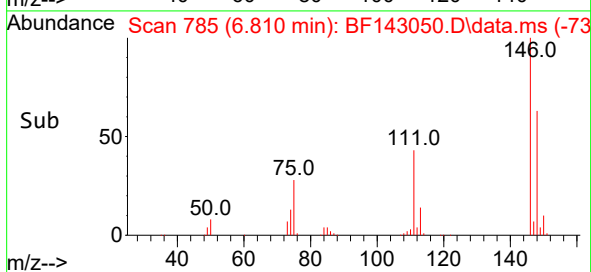
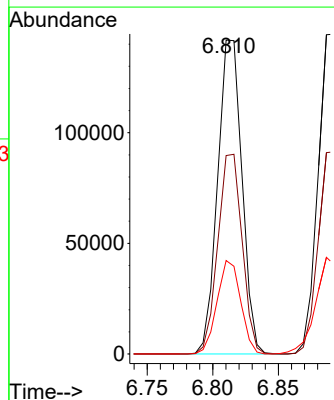
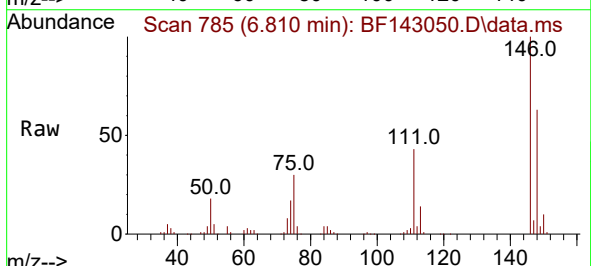
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

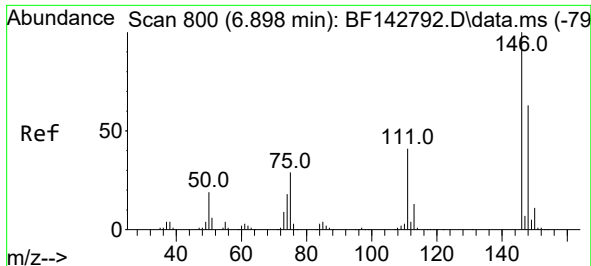
Tgt Ion: 93 Resp: 147349  
Ion Ratio Lower Upper  
93 100  
63 76.9 60.3 100.3  
95 32.4 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 43.361 ng  
RT: 6.810 min Scan# 785  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:146 Resp: 183182  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.1 76.7  
75 29.8 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 43.587 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

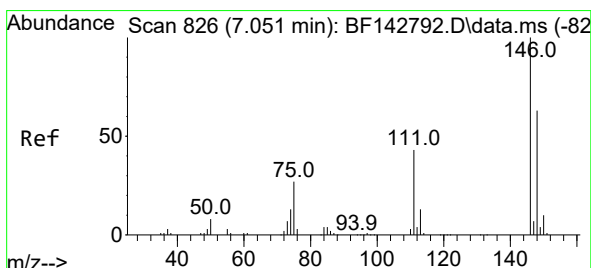
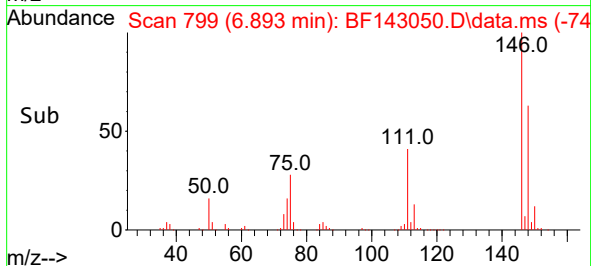
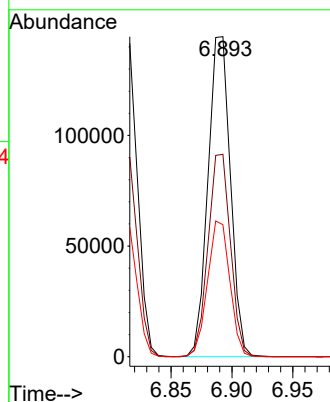
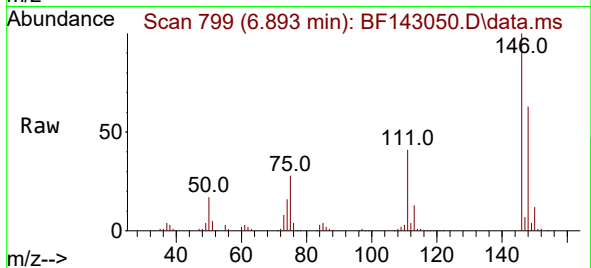
Tgt Ion:146 Resp: 185779

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

111 41.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 43.424 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.012 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

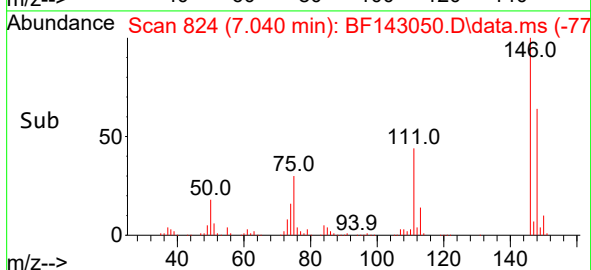
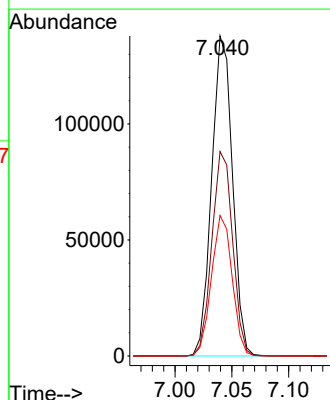
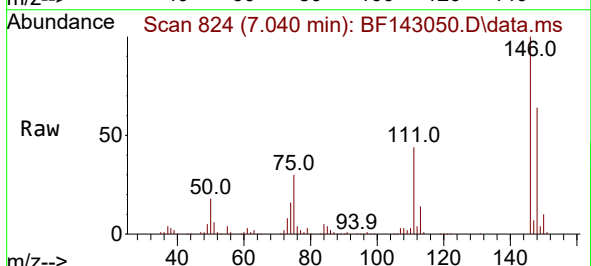
Tgt Ion:146 Resp: 175552

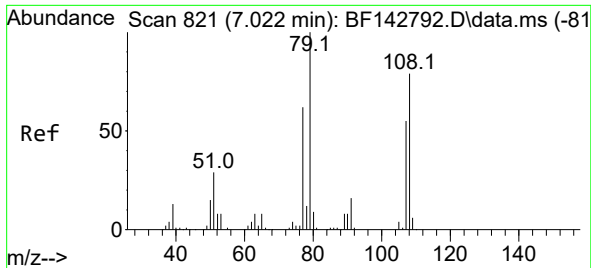
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 43.9 34.1 51.1

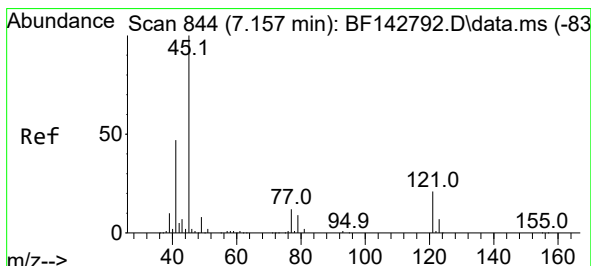
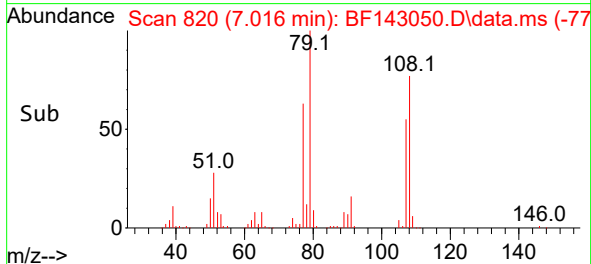
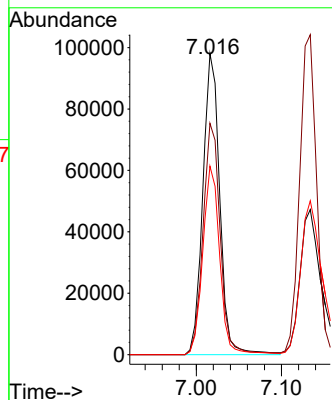
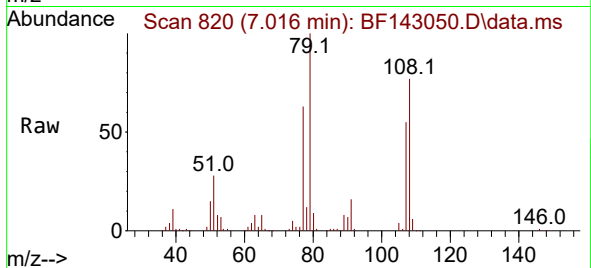




#15  
Benzyl Alcohol  
Concen: 45.253 ng  
RT: 7.016 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

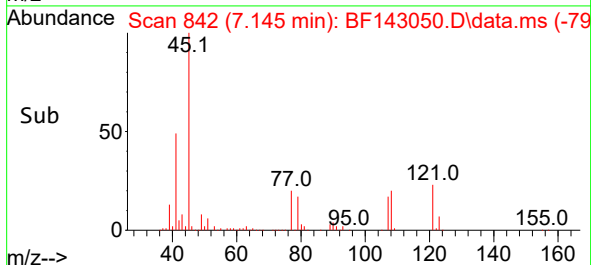
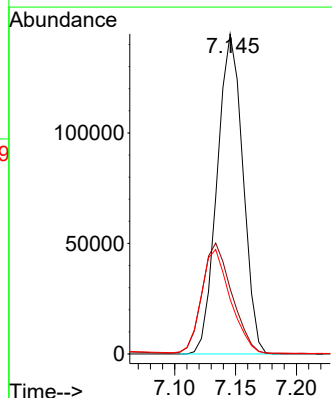
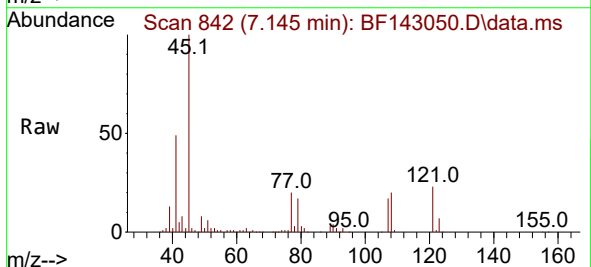
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

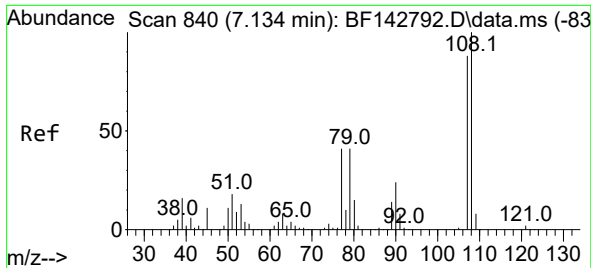
Tgt Ion: 79 Resp: 135160  
Ion Ratio Lower Upper  
79 100  
108 76.8 63.4 95.0  
77 62.6 49.5 74.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.375 ng  
RT: 7.145 min Scan# 842  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion: 45 Resp: 212911  
Ion Ratio Lower Upper  
45 100  
77 20.4 0.0 32.8  
79 17.1 0.0 29.8

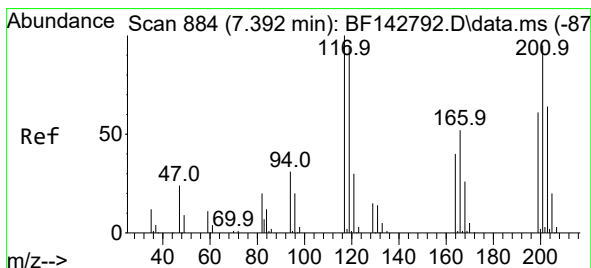
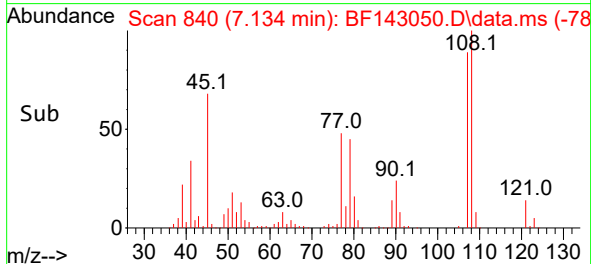
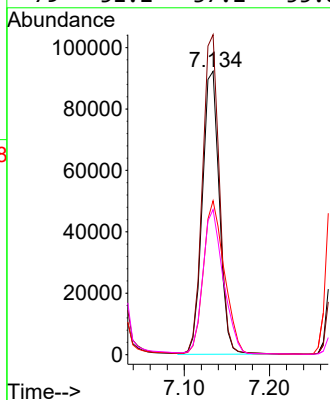
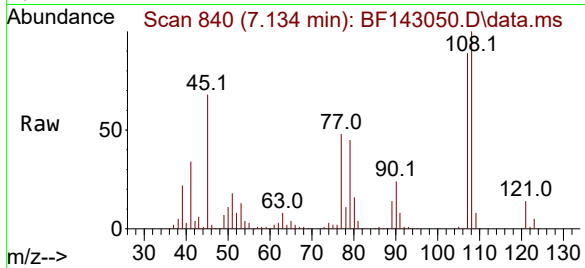




#17  
2-Methylphenol  
Concen: 44.603 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

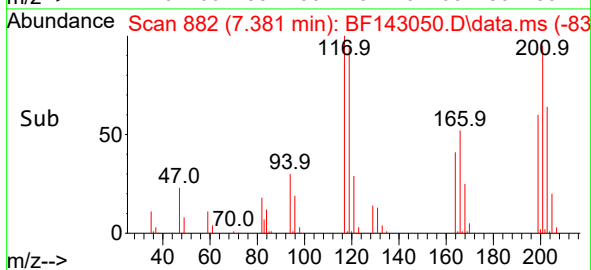
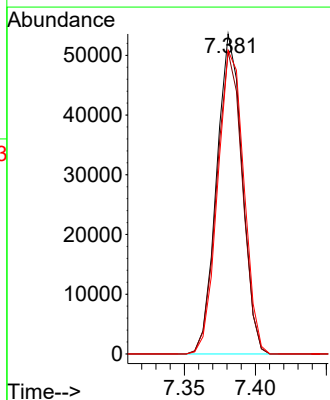
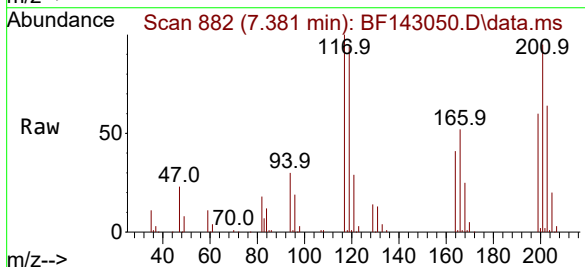
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

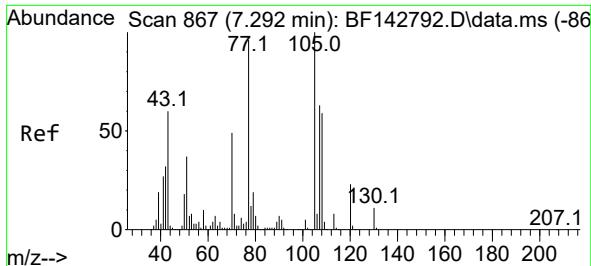
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 127680 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.9 | 90.9  | 136.3  |
| 77       | 54.4  | 37.3  | 55.9   |
| 79       | 51.2  | 37.2  | 55.8   |



#18  
Hexachloroethane  
Concen: 44.817 ng  
RT: 7.381 min Scan# 882  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

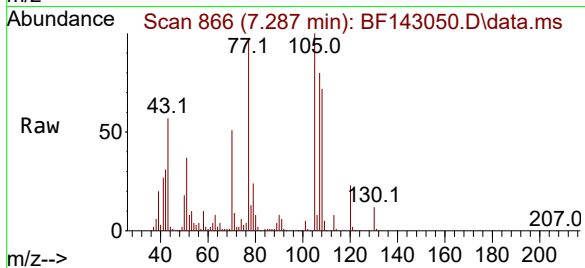
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 66815 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.5  | 75.4  | 113.0 |
| 201      | 94.8  | 75.9  | 113.9 |



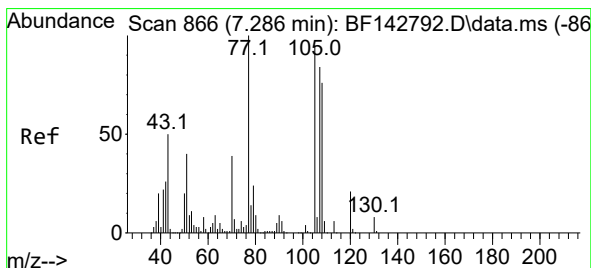
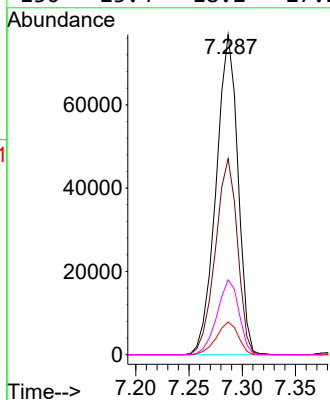
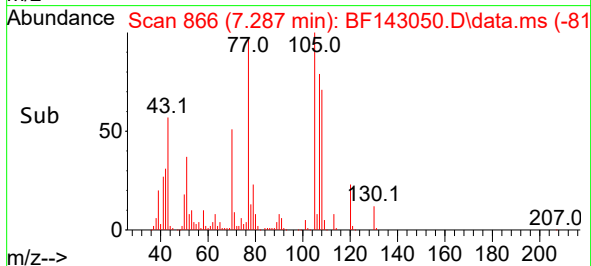


#19  
n-Nitroso-di-n-propylamine  
Concen: 45.454 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

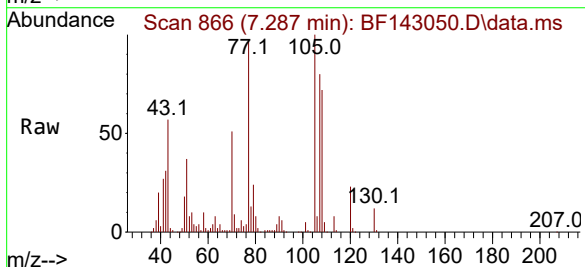
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS



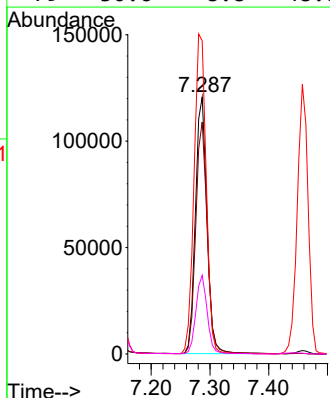
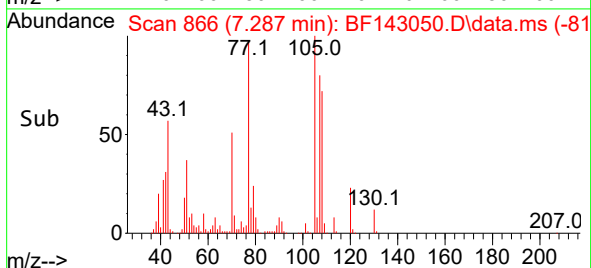
Tgt Ion: 70 Resp: 109219  
Ion Ratio Lower Upper  
70 100  
42 61.3 52.1 78.1  
101 10.3 8.2 12.2  
130 23.4 18.2 27.2

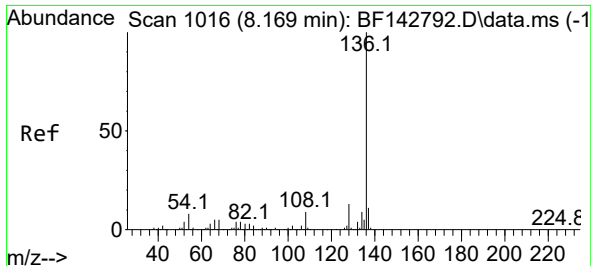


#20  
3+4-Methylphenols  
Concen: 46.032 ng  
RT: 7.287 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54



Tgt Ion:107 Resp: 164295  
Ion Ratio Lower Upper  
107 100  
108 90.4 70.0 110.0  
77 122.0 98.5 138.5  
79 30.6 8.8 48.8

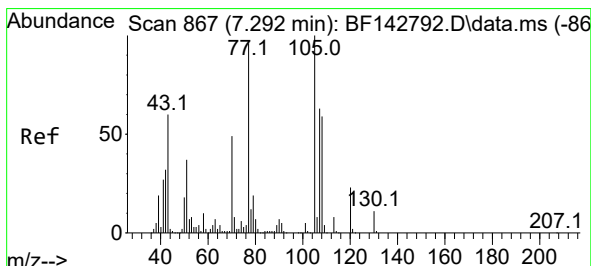
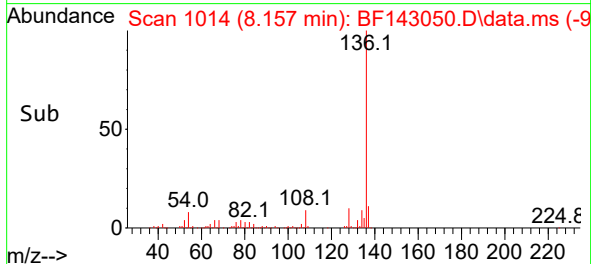
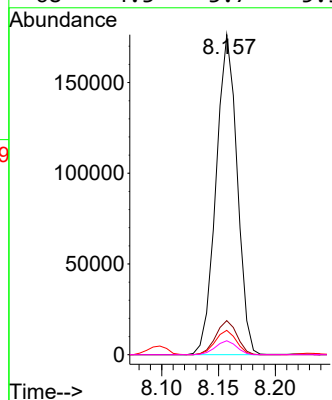
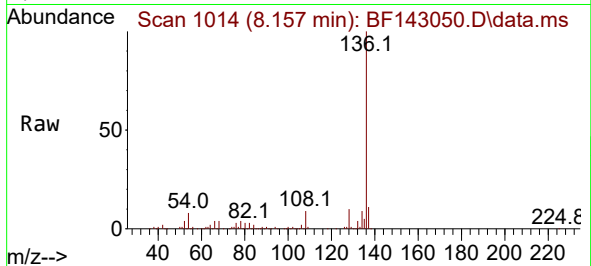




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

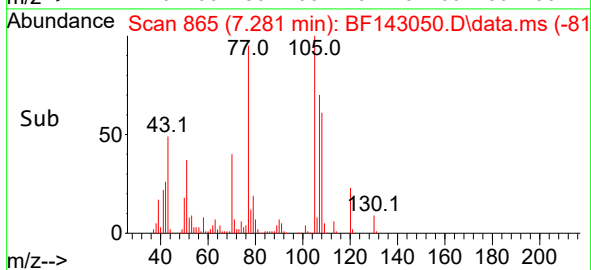
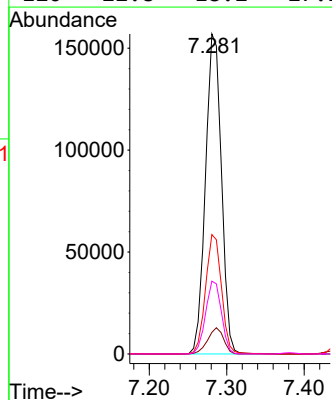
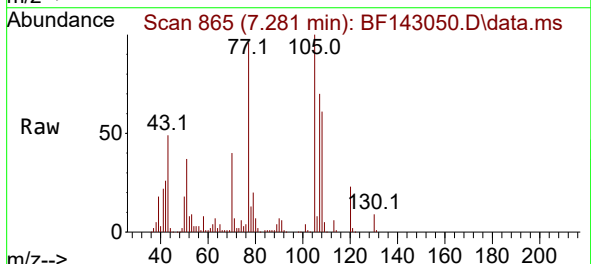
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

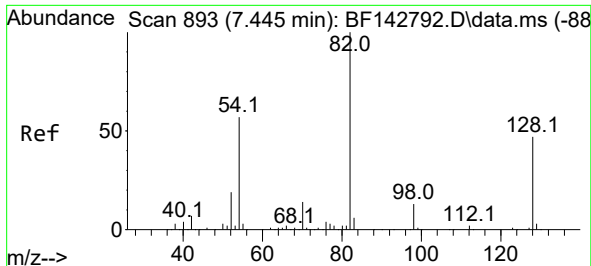
Tgt Ion:136 Resp: 228077  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.4 12.6  
54 7.6 6.3 9.5  
68 4.3 3.7 5.5



#22  
Acetophenone  
Concen: 44.675 ng  
RT: 7.281 min Scan# 865  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:105 Resp: 224694  
Ion Ratio Lower Upper  
105 100  
71 6.8 6.5 9.7  
51 37.3 29.8 44.8  
120 22.8 18.2 27.2

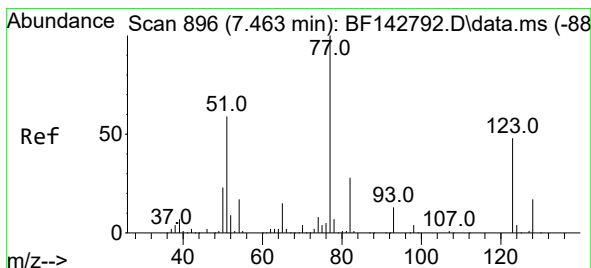
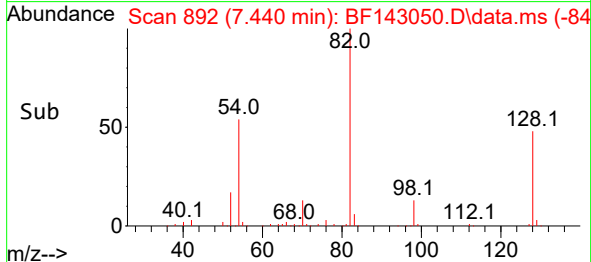
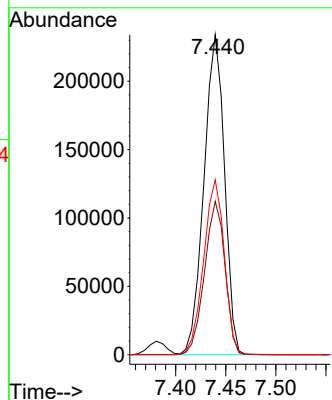
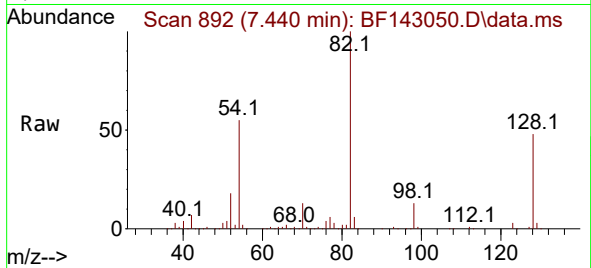




#23  
Nitrobenzene-d5  
Concen: 80.480 ng  
RT: 7.440 min Scan# 893  
Delta R.T. -0.005 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

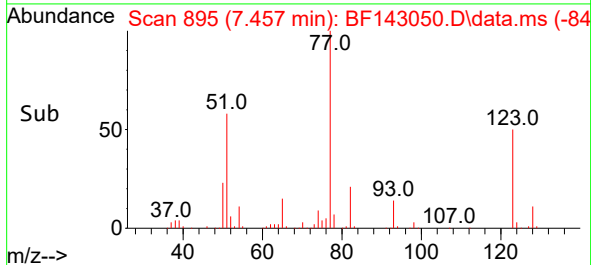
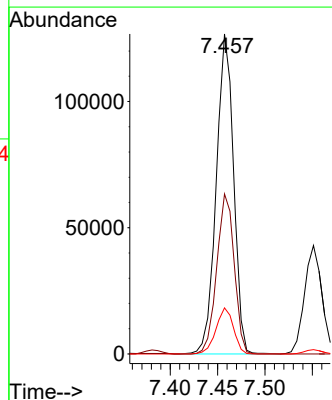
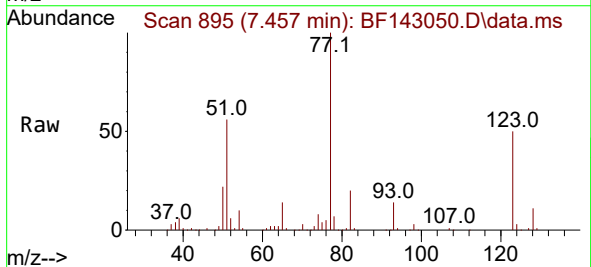
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

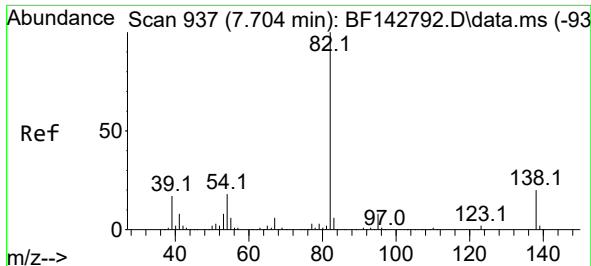
Tgt Ion: 82 Resp: 334645  
Ion Ratio Lower Upper  
82 100  
128 47.9 37.7 56.5  
54 54.7 45.7 68.5



#24  
Nitrobenzene  
Concen: 42.991 ng  
RT: 7.457 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion: 77 Resp: 161798  
Ion Ratio Lower Upper  
77 100  
123 50.0 39.2 58.8  
65 14.4 11.6 17.4

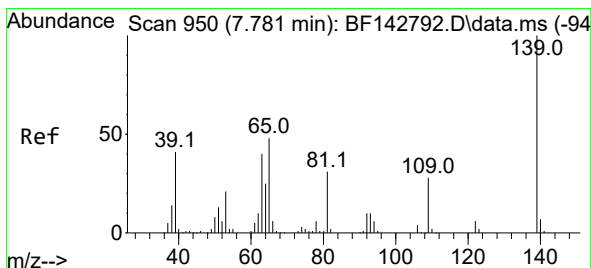
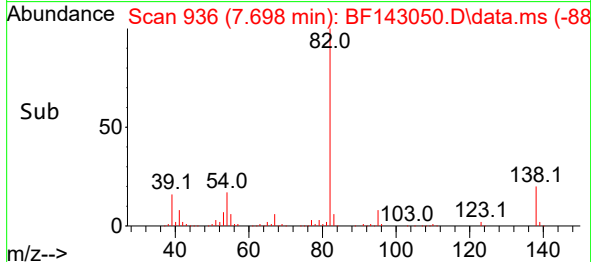
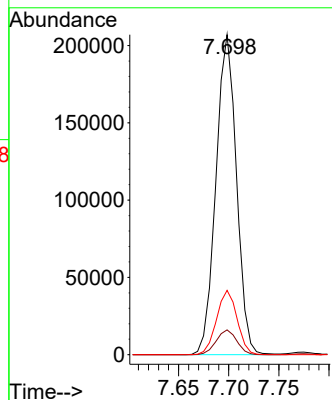
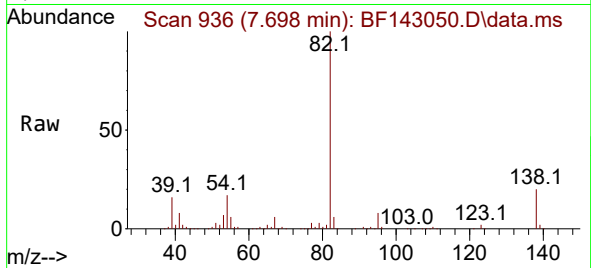




#25  
Isophorone  
Concen: 44.170 ng  
RT: 7.698 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

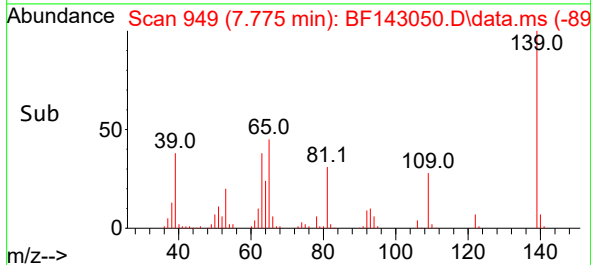
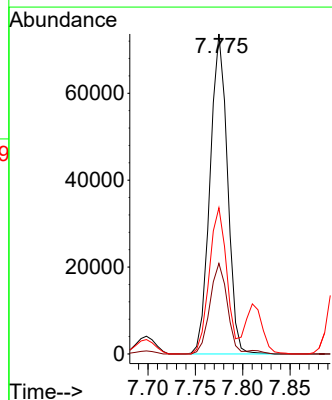
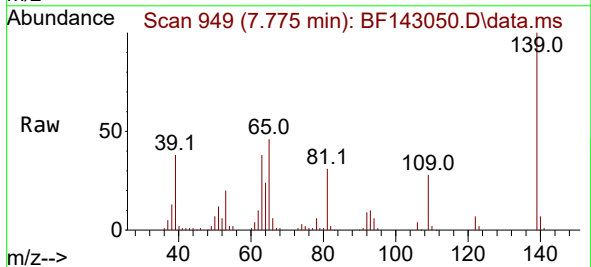
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

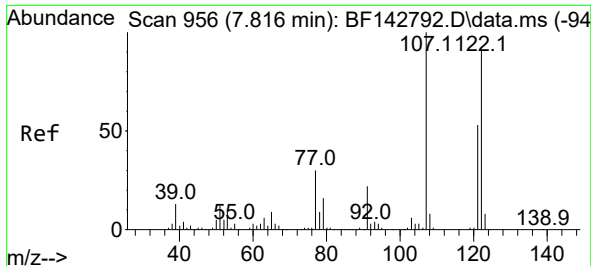
Tgt Ion: 82 Resp: 294629  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.2 9.2  
138 20.1 16.2 24.4



#26  
2-Nitrophenol  
Concen: 45.855 ng  
RT: 7.775 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion: 139 Resp: 94009  
Ion Ratio Lower Upper  
139 100  
109 28.3 22.7 34.1  
65 45.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.896 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

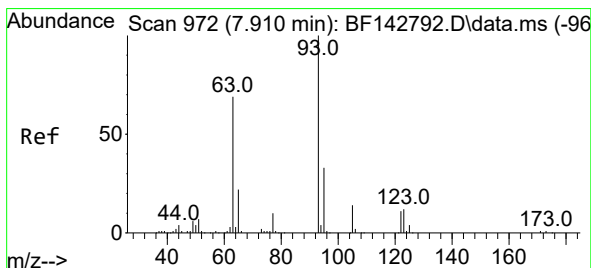
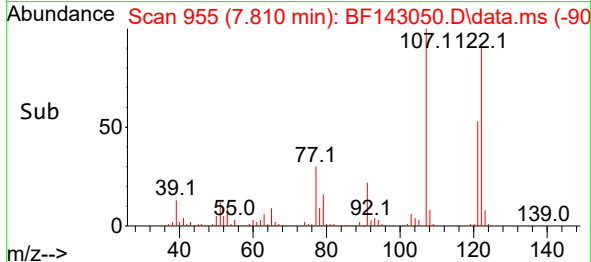
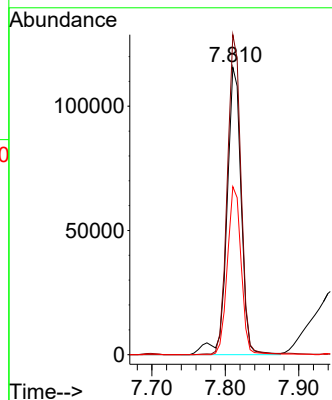
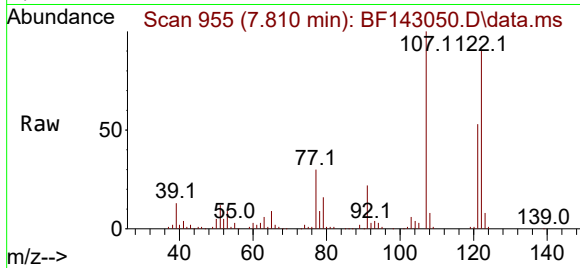
Tgt Ion:122 Resp: 155883

Ion Ratio Lower Upper

122 100

107 111.4 88.0 132.0

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.737 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

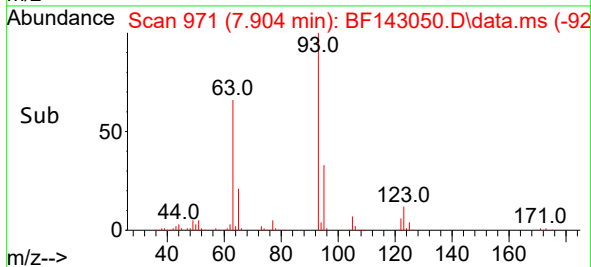
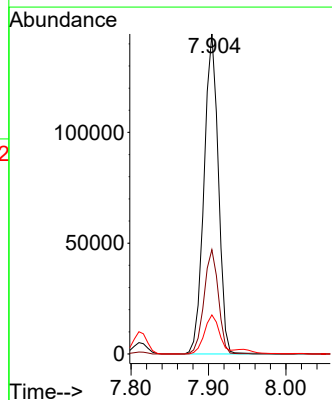
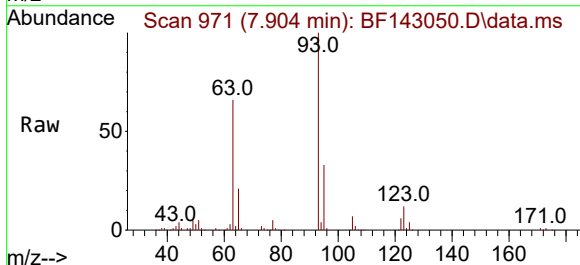
Tgt Ion: 93 Resp: 185475

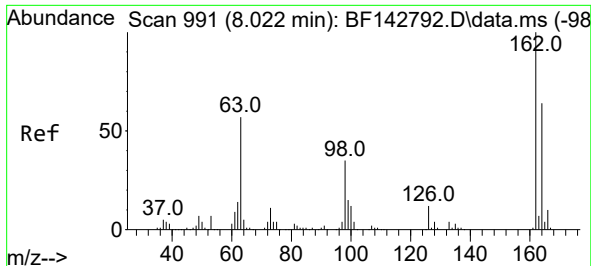
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

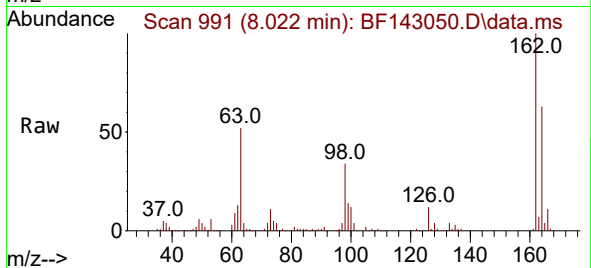
123 12.2 9.9 14.9



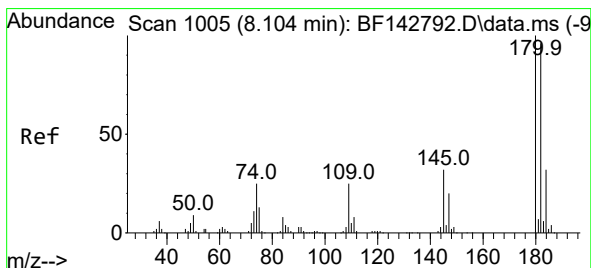
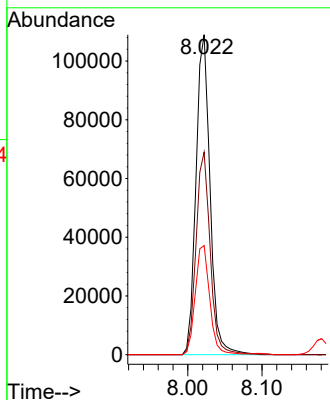
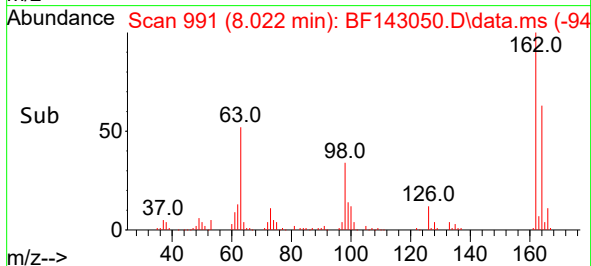


#29  
2,4-Dichlorophenol  
Concen: 44.754 ng  
RT: 8.022 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

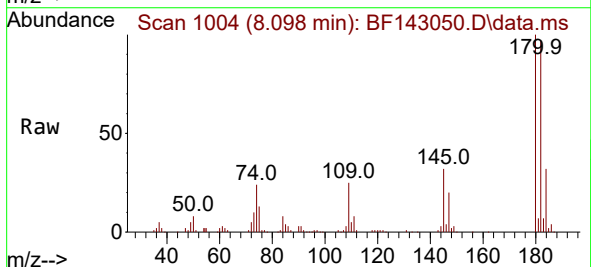
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS



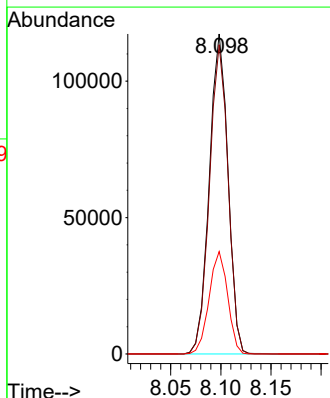
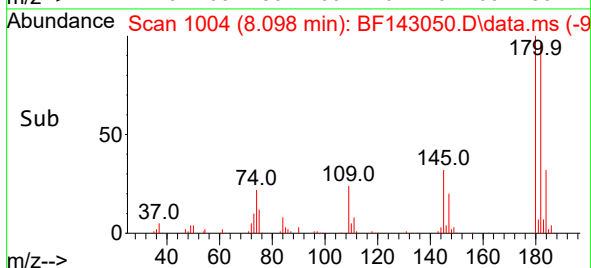
Tgt Ion:162 Resp: 144105  
Ion Ratio Lower Upper  
162 100  
164 63.3 44.0 84.0  
98 34.1 15.4 55.4

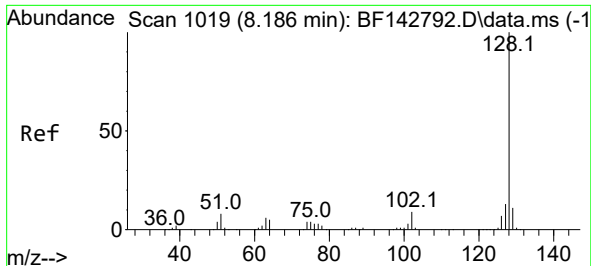


#30  
1,2,4-Trichlorobenzene  
Concen: 42.938 ng  
RT: 8.098 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54



Tgt Ion:180 Resp: 152029  
Ion Ratio Lower Upper  
180 100  
182 96.7 76.4 114.6  
145 32.0 25.8 38.8

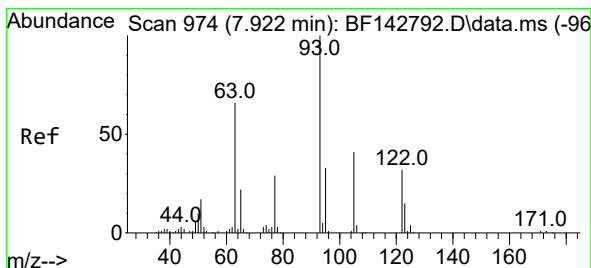
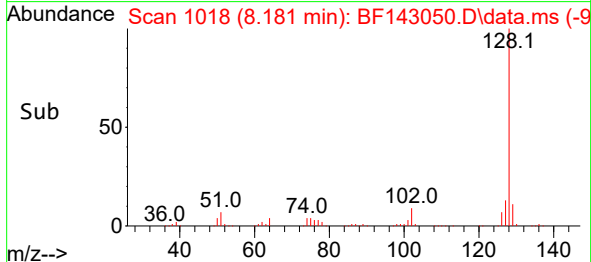
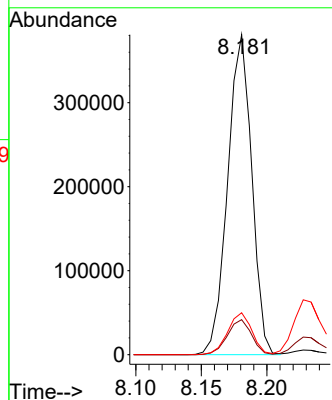
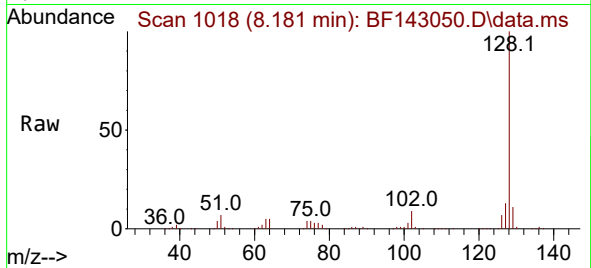




#31  
Naphthalene  
Concen: 43.576 ng  
RT: 8.181 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

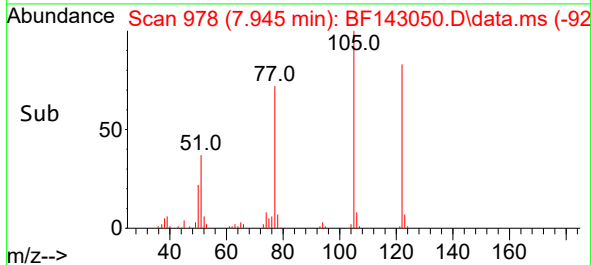
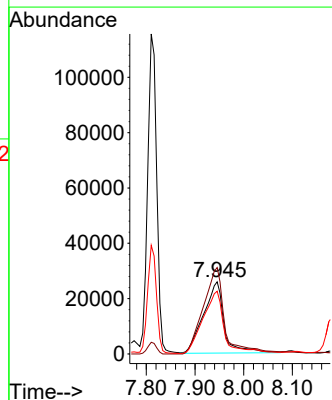
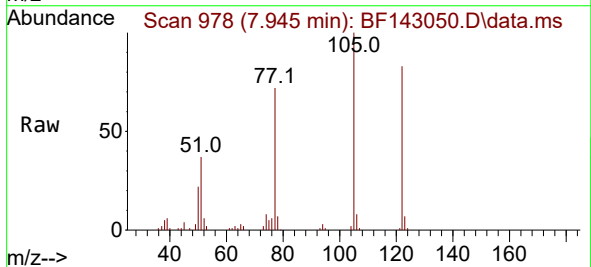
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

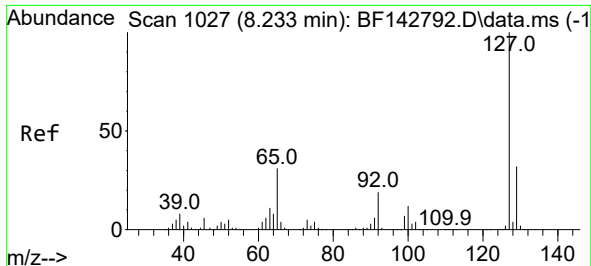
Tgt Ion:128 Resp: 486485  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.1 10.4 15.6



#32  
Benzoic acid  
Concen: 41.962 ng  
RT: 7.945 min Scan# 978  
Delta R.T. 0.024 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:122 Resp: 75951  
Ion Ratio Lower Upper  
122 100  
105 119.8 104.7 144.7  
77 86.8 70.2 110.2

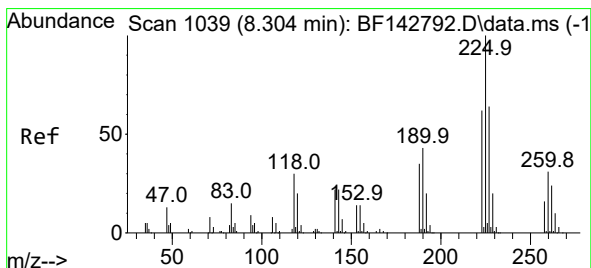
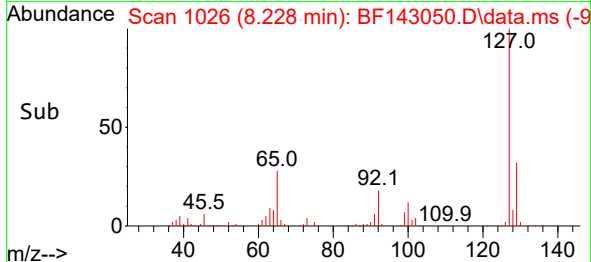
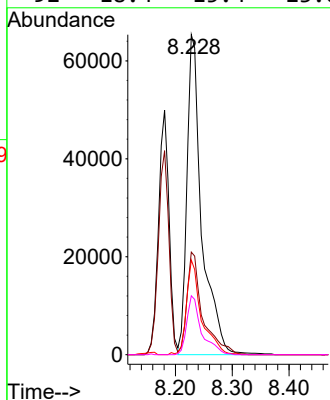
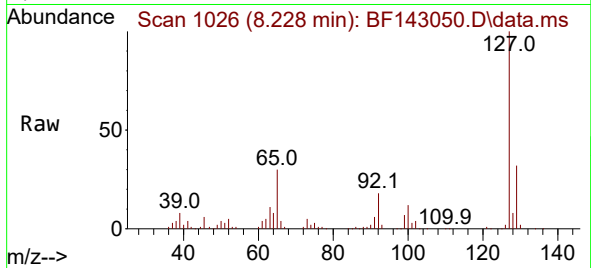




#33  
4-Chloroaniline  
Concen: 26.148 ng  
RT: 8.228 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

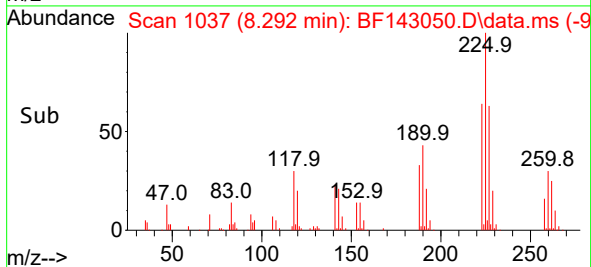
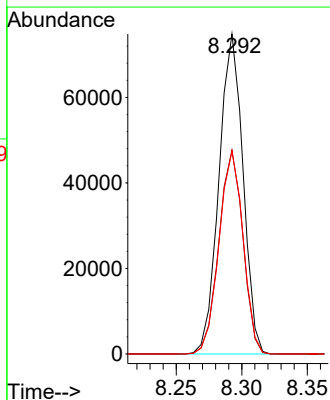
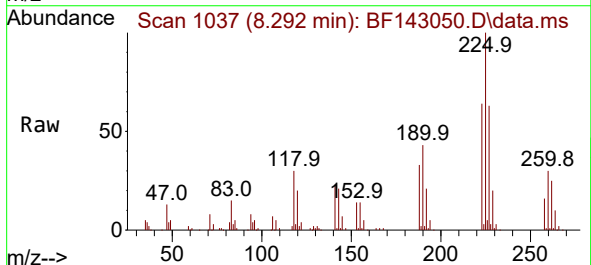
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

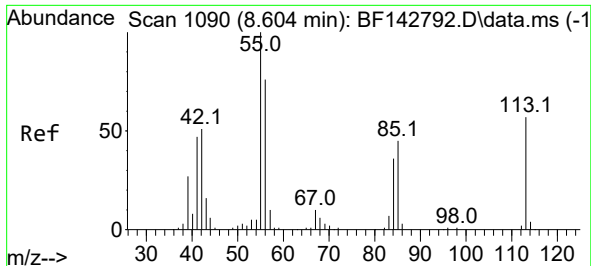
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 118697 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.1    | 25.9 38.9    |
| 65 29.6     | 24.6 36.8    |
| 92 18.4     | 15.4 23.0    |



#34  
Hexachlorobutadiene  
Concen: 43.935 ng  
RT: 8.292 min Scan# 1037  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 95154 |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 63.7    | 49.9 74.9   |
| 227 63.4    | 51.4 77.0   |

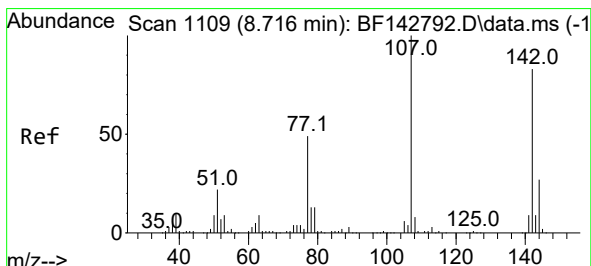
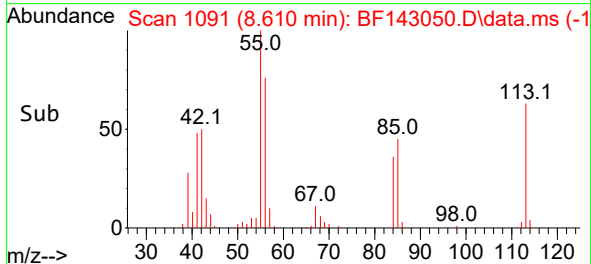
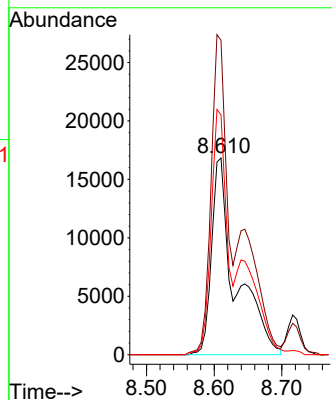
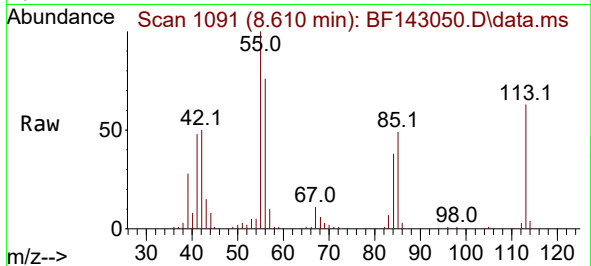




#35  
 Caprolactam  
 Concen: 48.666 ng m  
 RT: 8.610 min Scan# 1091  
 Delta R.T. 0.006 min  
 Lab File: BF143050.D  
 Acq: 09 Jul 2025 11:54

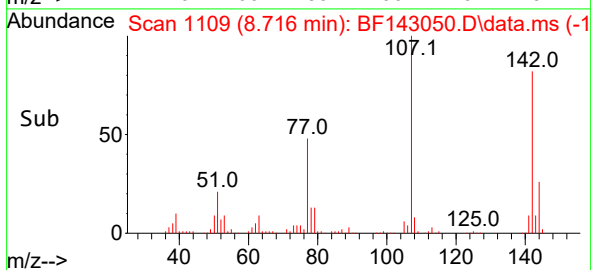
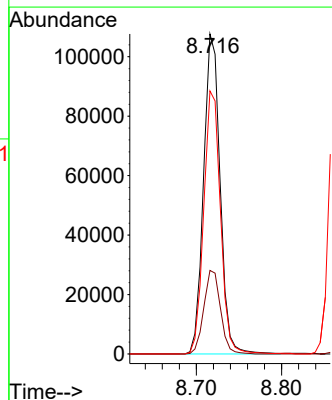
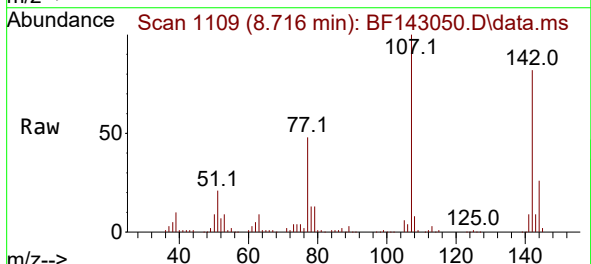
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168737BS

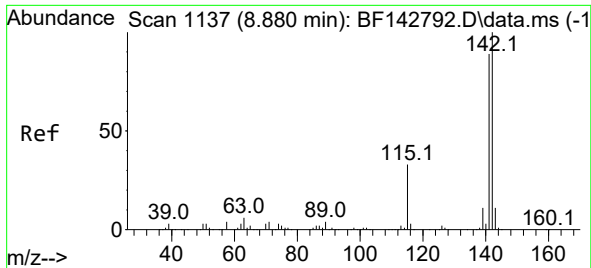
Tgt Ion:113 Resp: 41350  
 Ion Ratio Lower Upper  
 113 100  
 55 159.9 154.4 194.4  
 56 121.9 112.1 152.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.296 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. 0.000 min  
 Lab File: BF143050.D  
 Acq: 09 Jul 2025 11:54

Tgt Ion:107 Resp: 144951  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 21.3 31.9  
 142 82.2 66.6 100.0

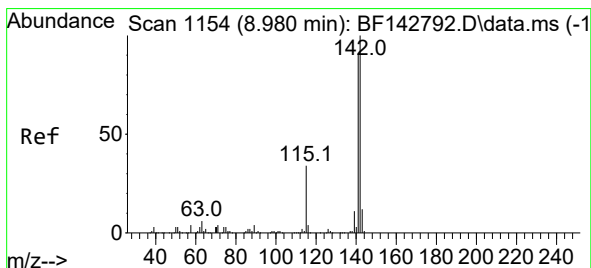
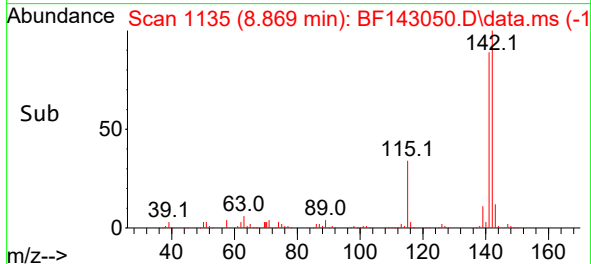
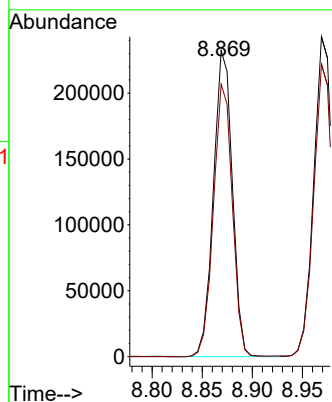
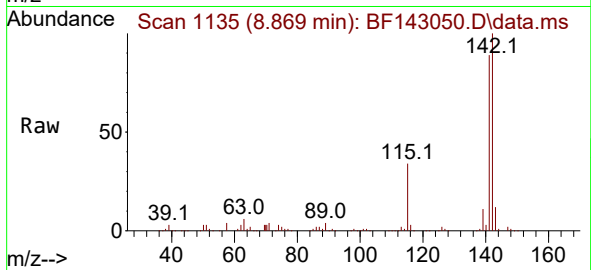




#37  
2-Methylnaphthalene  
Concen: 43.999 ng  
RT: 8.869 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

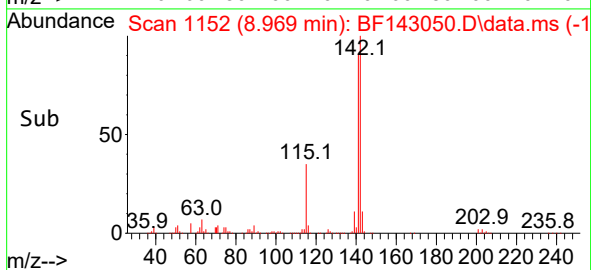
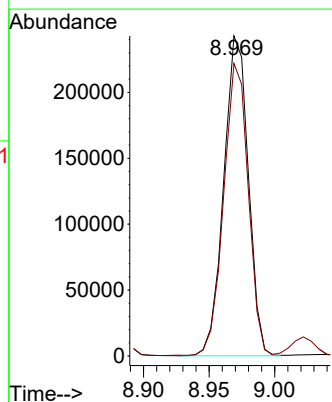
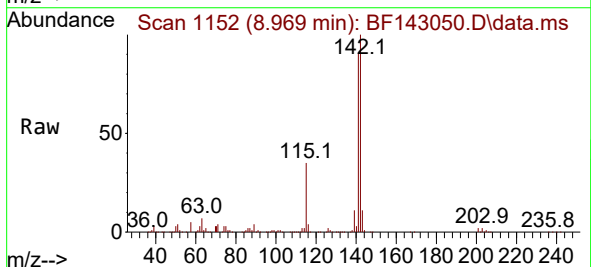
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

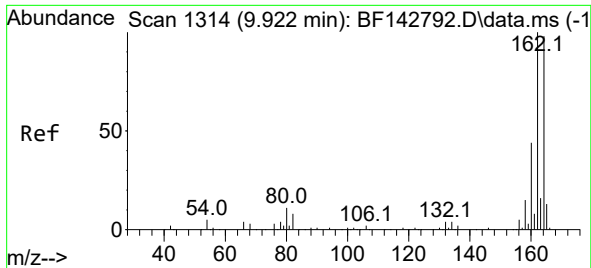
Tgt Ion:142 Resp: 304530  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.9 106.3



#38  
1-Methylnaphthalene  
Concen: 44.114 ng  
RT: 8.969 min Scan# 1152  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:142 Resp: 316070  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.0 109.4

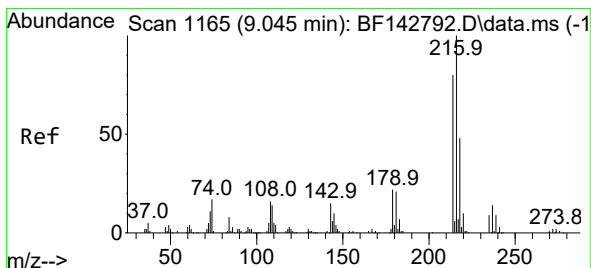
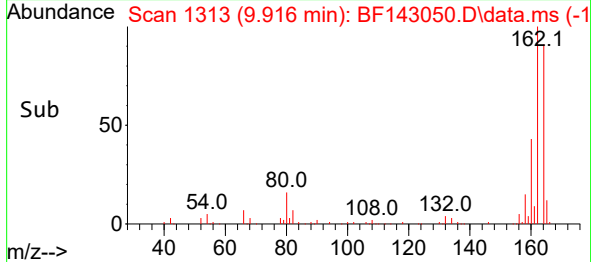
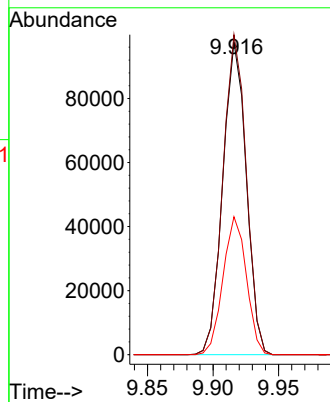
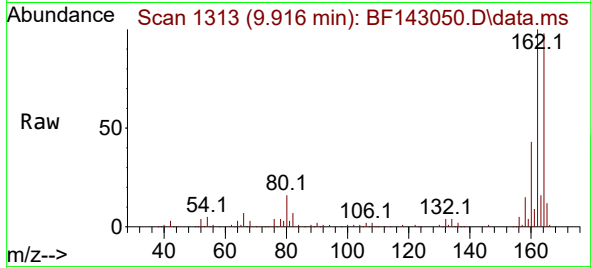




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

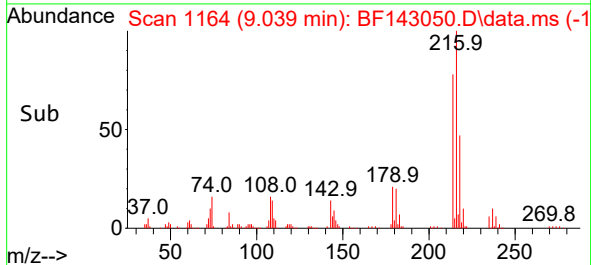
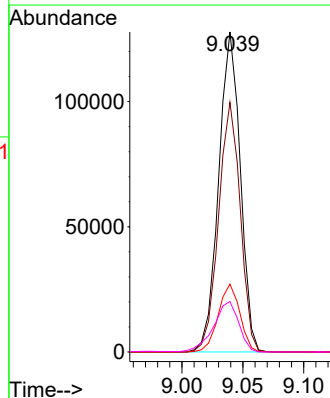
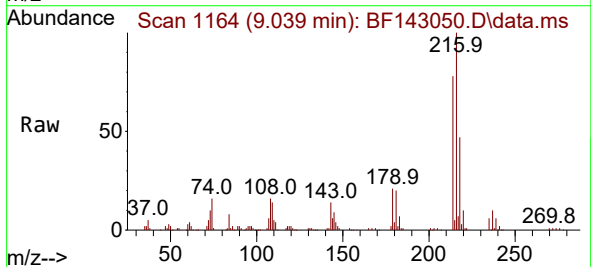
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

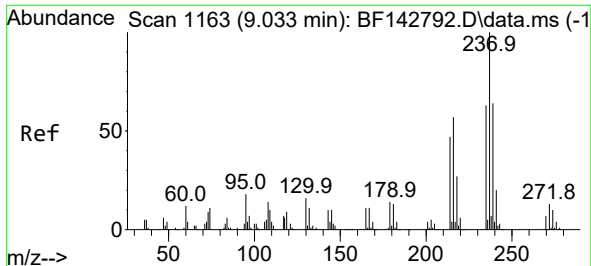
Tgt Ion:164 Resp: 121529  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.8 122.8  
160 44.1 36.0 54.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.017 ng  
RT: 9.039 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:216 Resp: 157840  
Ion Ratio Lower Upper  
216 100  
214 78.2 63.7 95.5  
179 21.2 17.6 26.4  
108 18.4 14.3 21.5

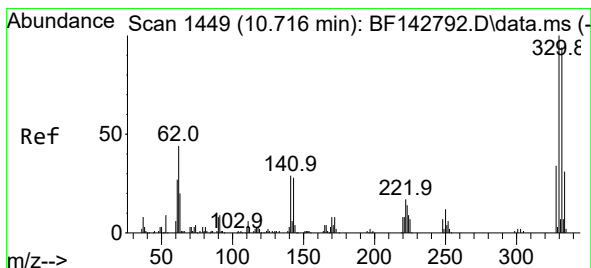
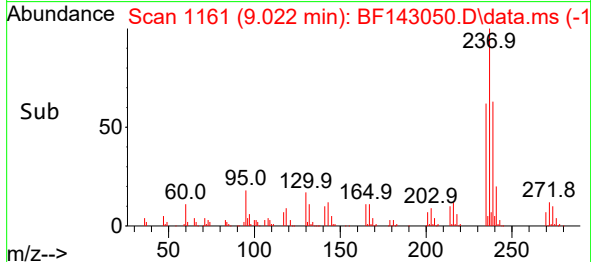
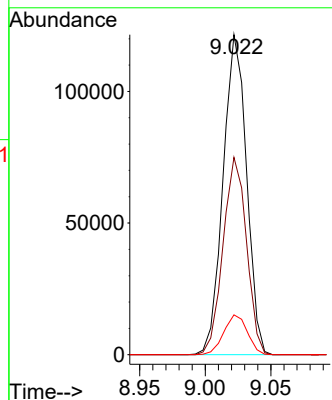
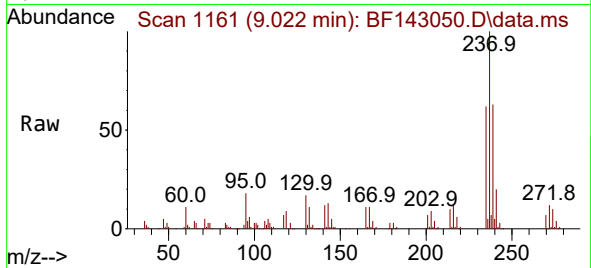




#41  
Hexachlorocyclopentadiene  
Concen: 74.252 ng  
RT: 9.022 min Scan# 1161  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

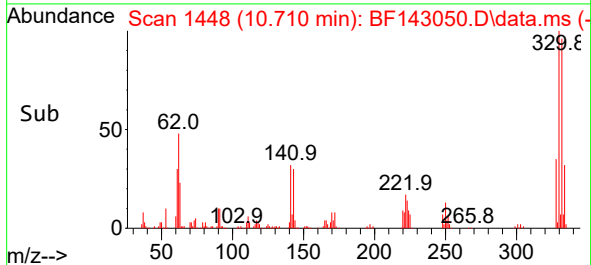
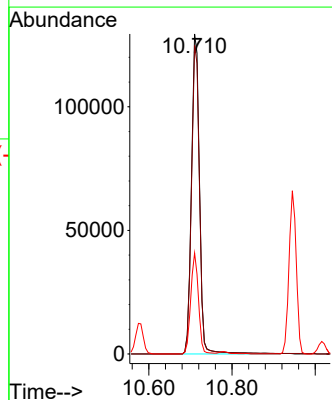
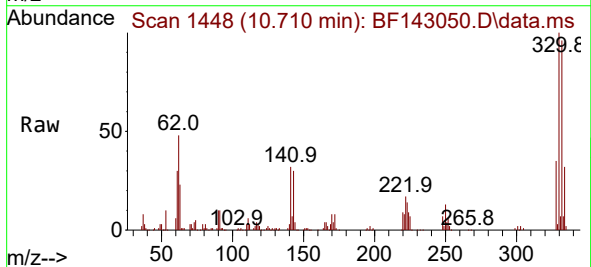
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

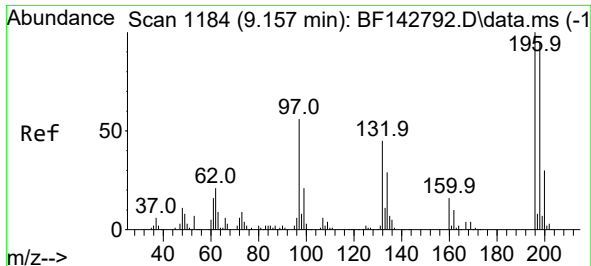
Tgt Ion:237 Resp: 151098  
Ion Ratio Lower Upper  
237 100  
235 61.6 43.4 83.4  
272 12.4 0.0 32.7



#42  
2,4,6-Tribromophenol  
Concen: 138.578 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:330 Resp: 173308  
Ion Ratio Lower Upper  
330 100  
332 95.6 75.0 112.6  
141 30.2 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 41.982 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

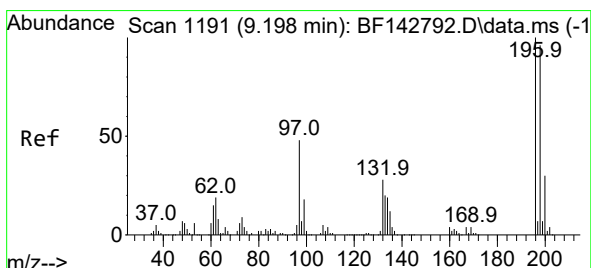
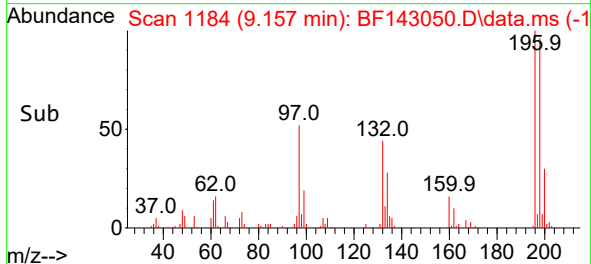
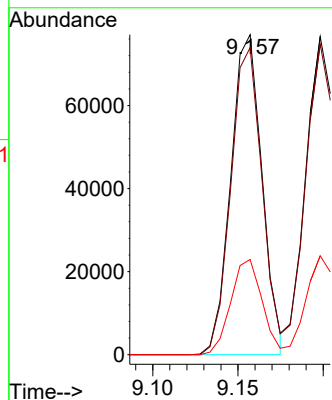
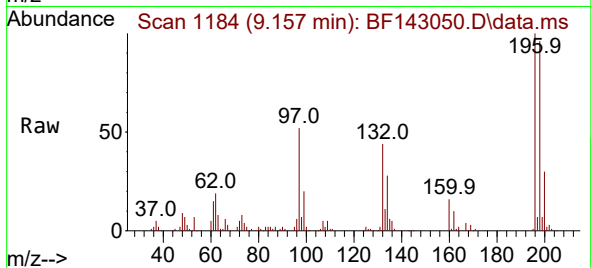
Tgt Ion:196 Resp: 98098

Ion Ratio Lower Upper

196 100

198 96.0 76.2 114.2

200 29.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.489 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Tgt Ion:196 Resp: 104512

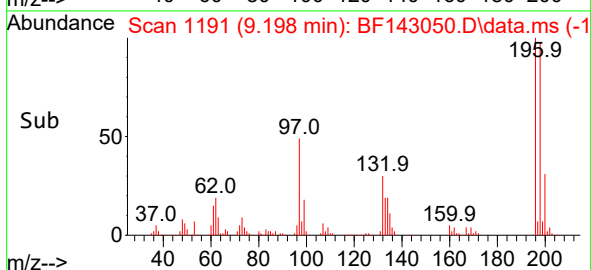
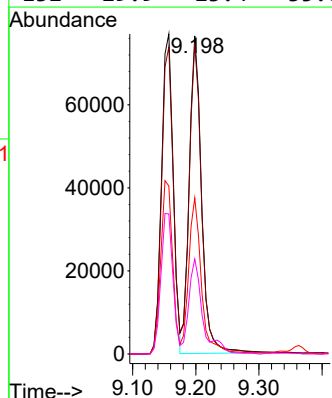
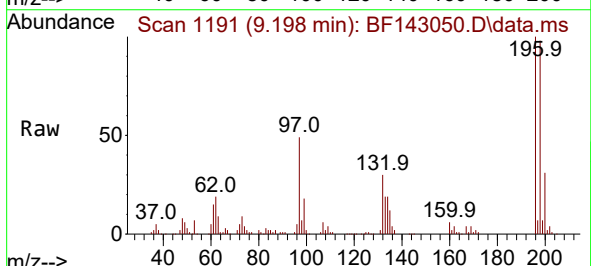
Ion Ratio Lower Upper

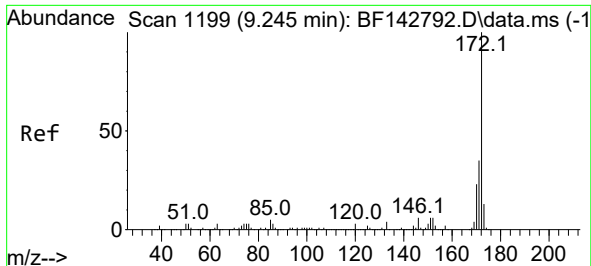
196 100

198 97.6 76.6 115.0

97 49.0 38.2 57.2

132 29.9 23.4 35.0

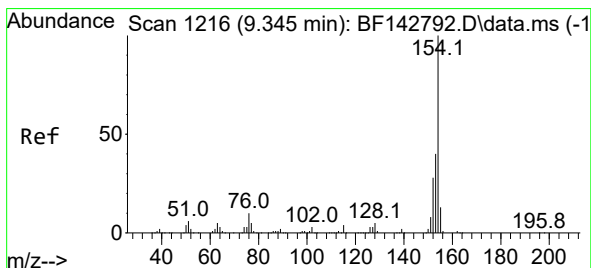
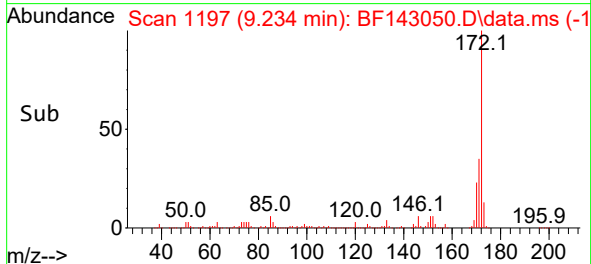
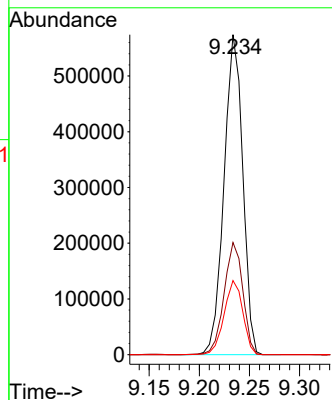
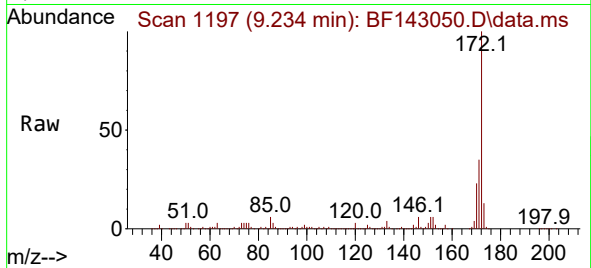




#45  
2-Fluorobiphenyl  
Concen: 80.513 ng  
RT: 9.234 min Scan# 1199  
Delta R.T. -0.011 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

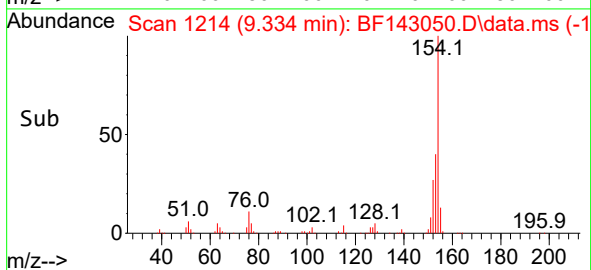
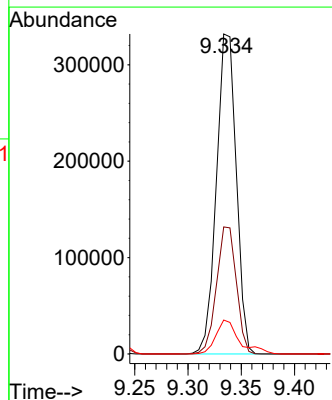
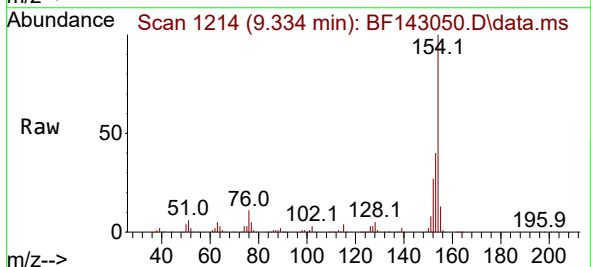
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

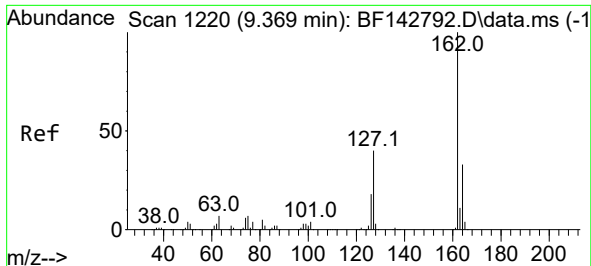
Tgt Ion:172 Resp: 744829  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.2 42.4  
170 23.2 18.5 27.7



#46  
1,1'-Biphenyl  
Concen: 44.729 ng  
RT: 9.334 min Scan# 1214  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:154 Resp: 429404  
Ion Ratio Lower Upper  
154 100  
153 39.7 20.3 60.3  
76 10.6 0.0 30.3

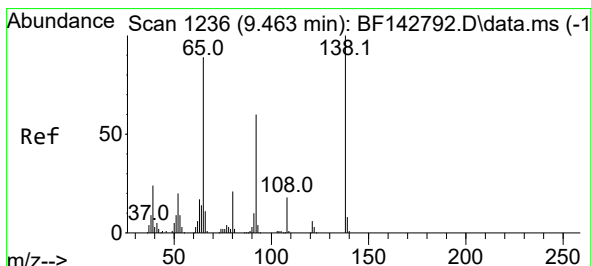
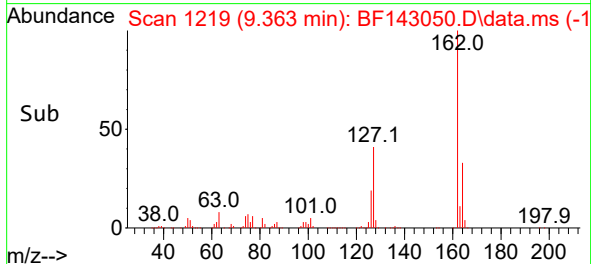
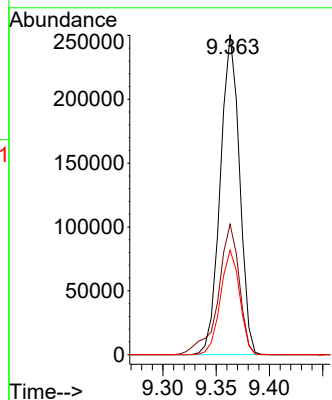
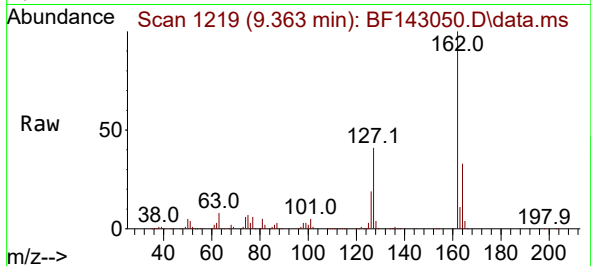




#47  
2-Chloronaphthalene  
Concen: 43.537 ng  
RT: 9.363 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

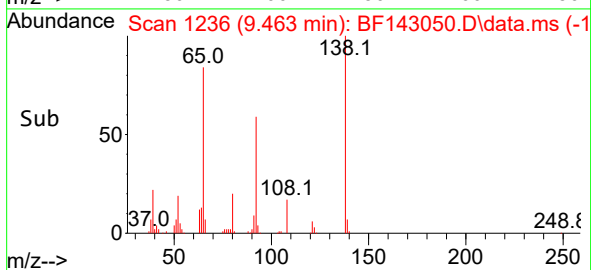
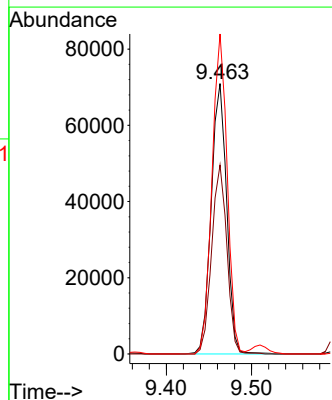
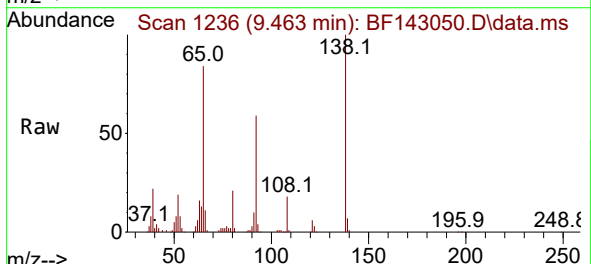
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

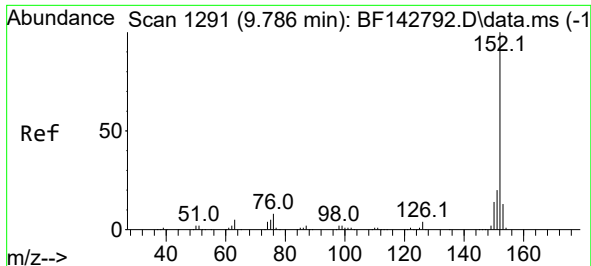
Tgt Ion:162 Resp: 313651  
Ion Ratio Lower Upper  
162 100  
127 40.7 32.2 48.2  
164 32.7 26.1 39.1



#48  
2-Nitroaniline  
Concen: 44.518 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion: 65 Resp: 89915  
Ion Ratio Lower Upper  
65 100  
92 69.9 53.8 80.6  
138 118.4 89.6 134.4





#49

Acenaphthylene

Concen: 44.198 ng

RT: 9.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143050.D

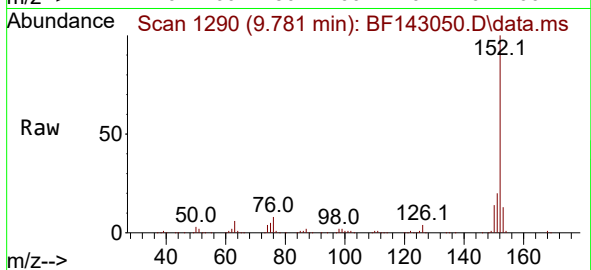
Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS



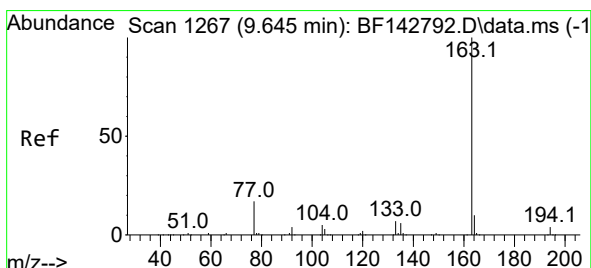
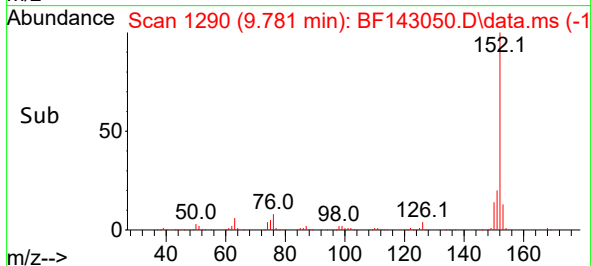
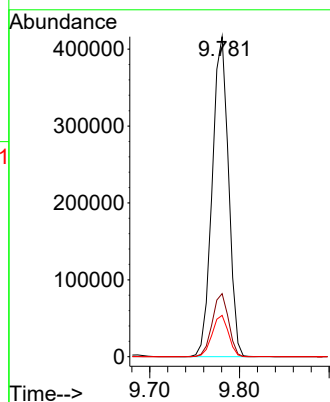
Tgt Ion:152 Resp: 524170

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 46.648 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

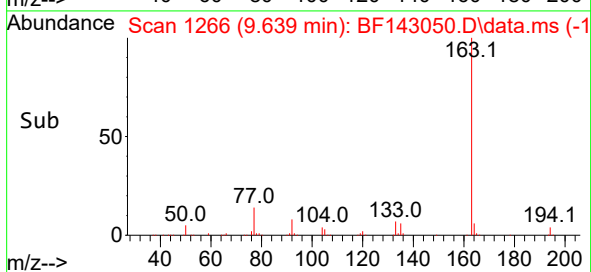
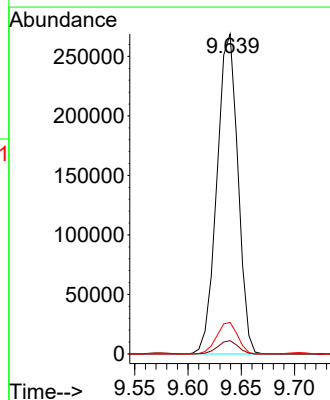
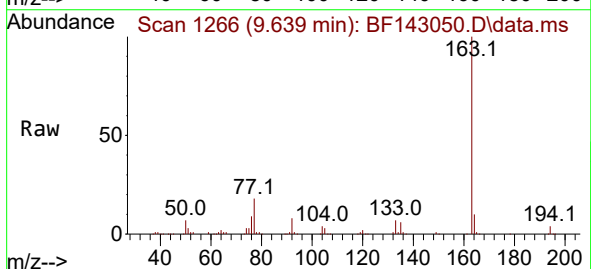
Tgt Ion:163 Resp: 366959

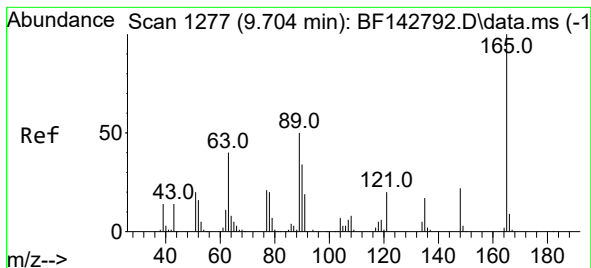
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.0 12.0

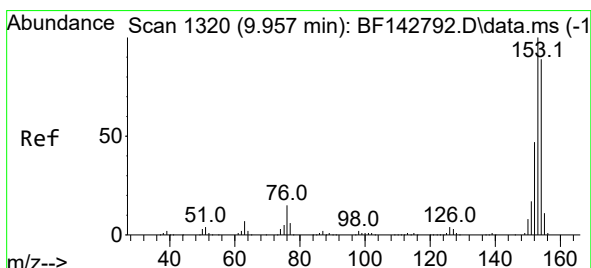
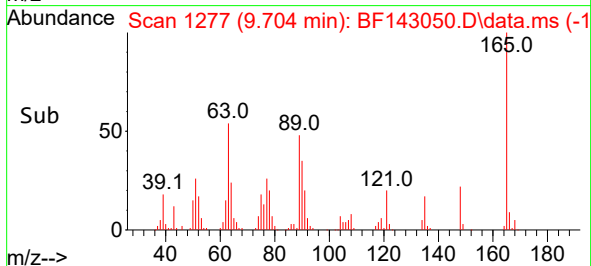
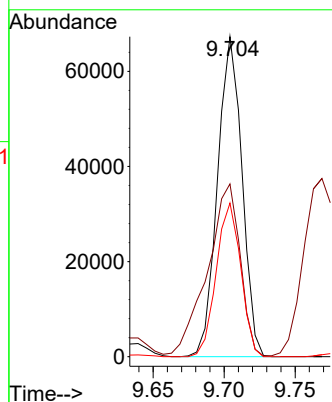
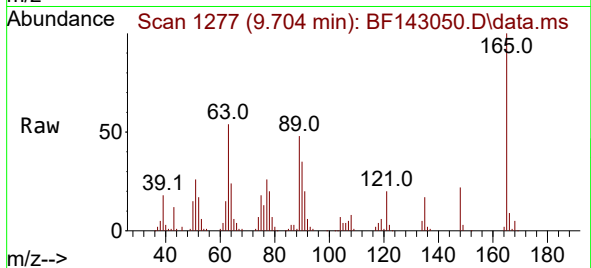




#51  
2,6-Dinitrotoluene  
Concen: 46.629 ng  
RT: 9.704 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

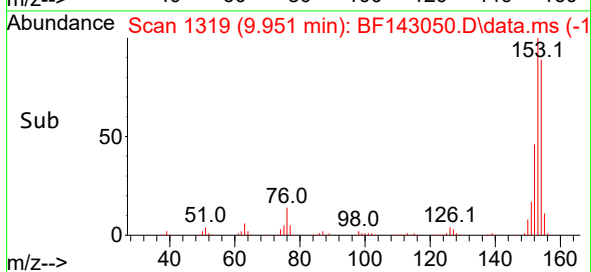
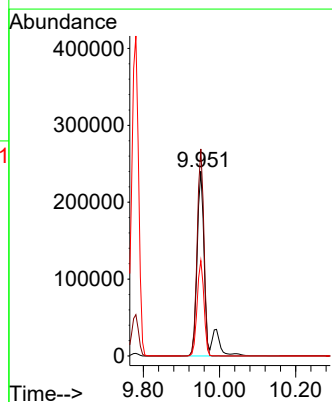
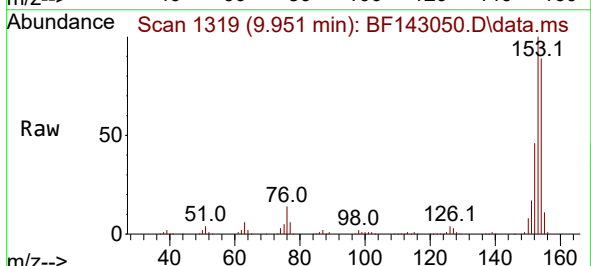
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

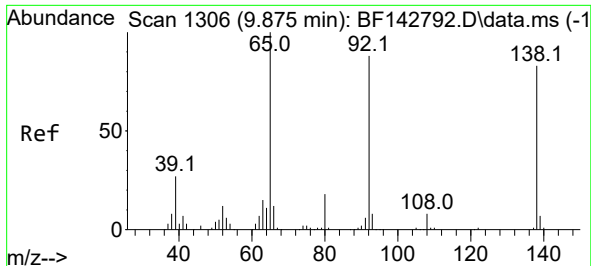
Tgt Ion:165 Resp: 80555  
Ion Ratio Lower Upper  
165 100  
63 54.0 44.2 66.4  
89 48.0 39.8 59.8



#52  
Acenaphthene  
Concen: 48.963 ng m  
RT: 9.951 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:154 Resp: 354292  
Ion Ratio Lower Upper  
154 100  
153 112.2 90.0 135.0  
152 51.7 41.9 62.9

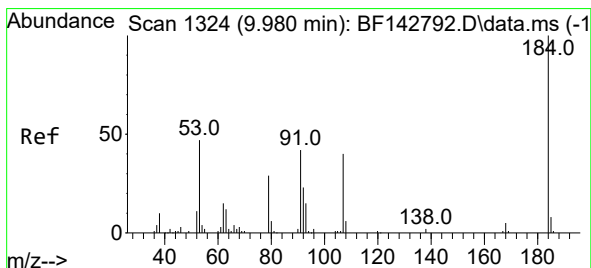
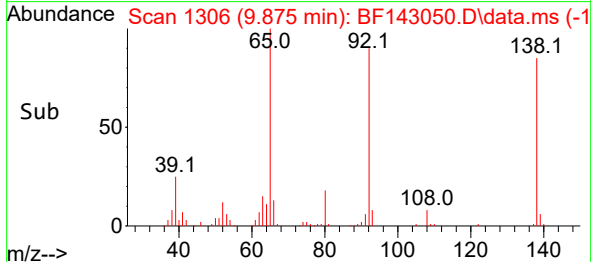
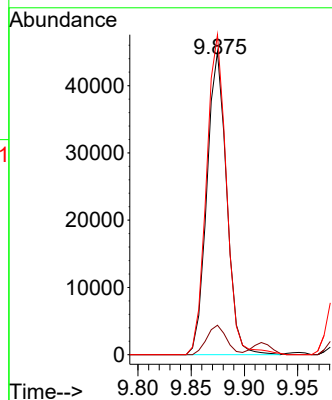
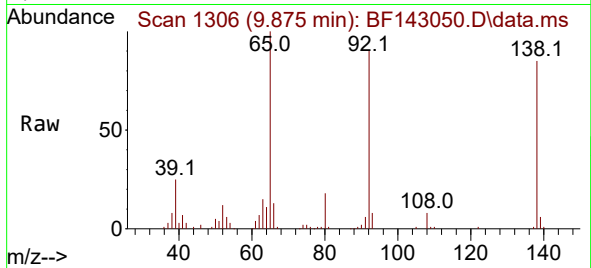




#53  
3-Nitroaniline  
Concen: 30.537 ng  
RT: 9.875 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

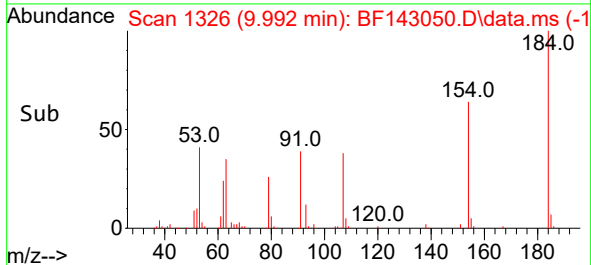
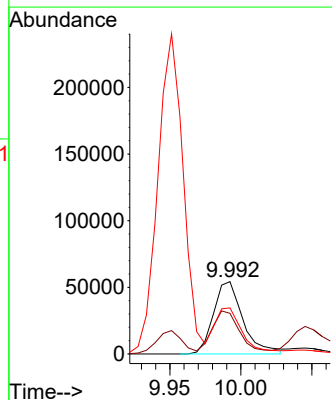
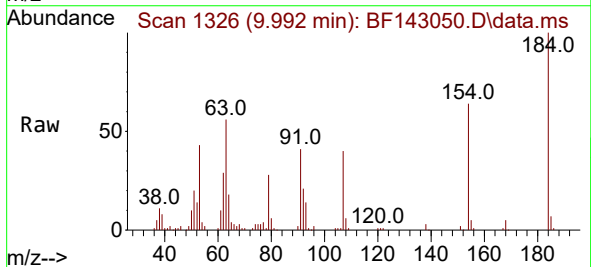
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

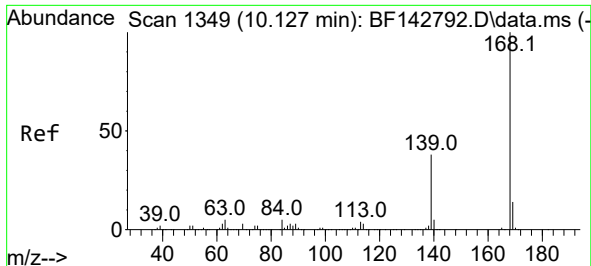
Tgt Ion:138 Resp: 58083  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.1 12.1  
92 105.6 85.1 127.7



#54  
2,4-Dinitrophenol  
Concen: 90.563 ng  
RT: 9.992 min Scan# 1326  
Delta R.T. 0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:184 Resp: 78340  
Ion Ratio Lower Upper  
184 100  
63 56.3 50.6 75.8  
154 63.7 51.8 77.8

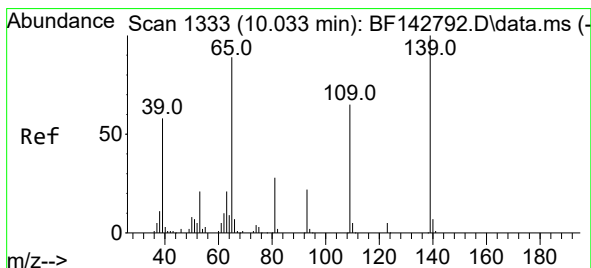
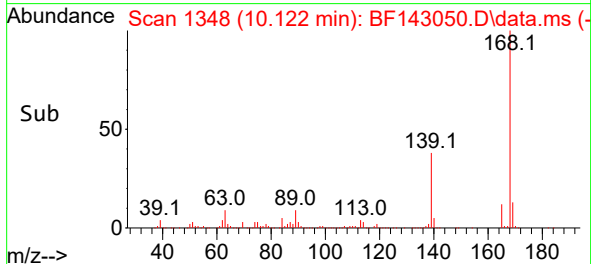
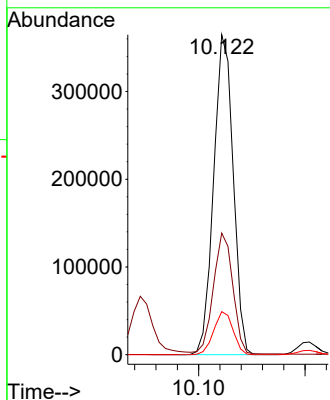
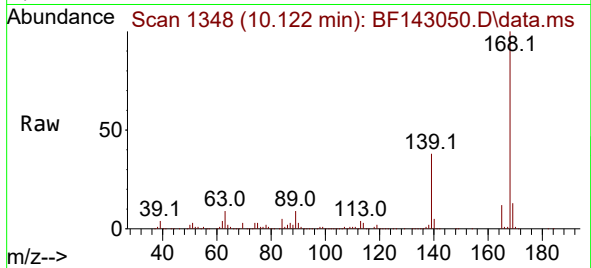




#55  
Dibenzofuran  
Concen: 44.673 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

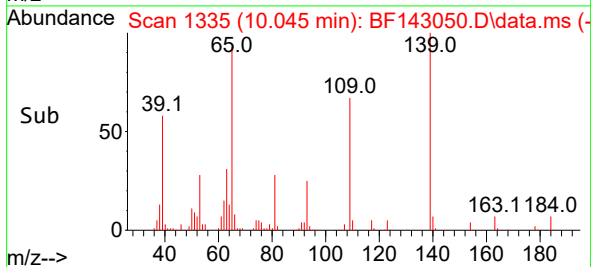
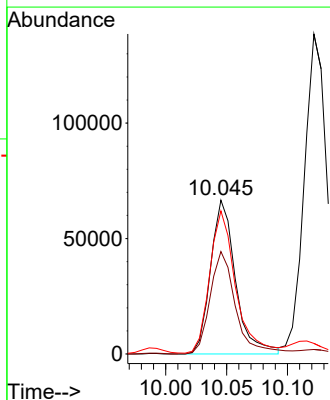
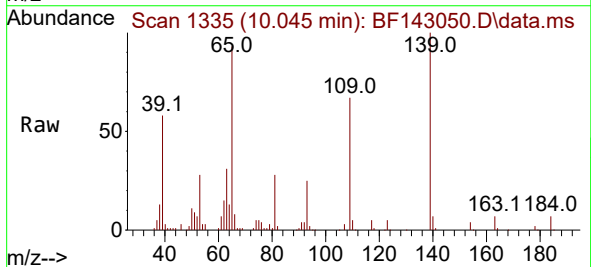
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

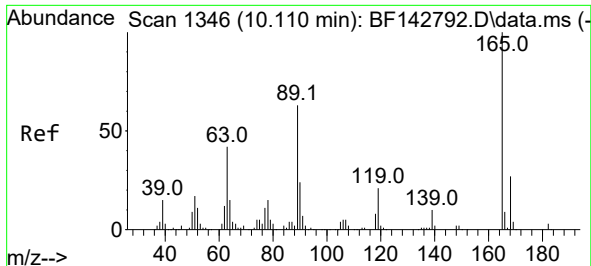
Tgt Ion:168 Resp: 463528  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.2 45.4  
169 13.5 10.8 16.2



#56  
4-Nitrophenol  
Concen: 73.445 ng  
RT: 10.045 min Scan# 1335  
Delta R.T. 0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:139 Resp: 95638  
Ion Ratio Lower Upper  
139 100  
109 66.6 44.7 84.7  
65 93.0 69.8 109.8





#57

2,4-Dinitrotoluene

Concen: 47.060 ng

RT: 10.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

Tgt Ion:165 Resp: 107991

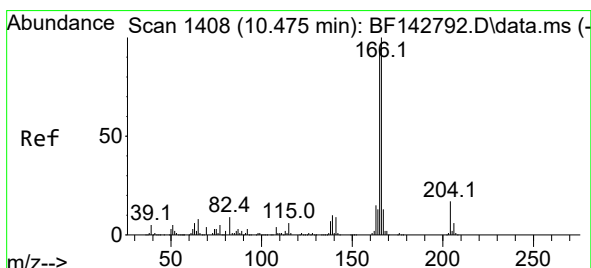
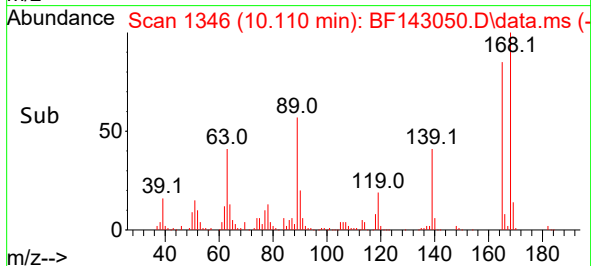
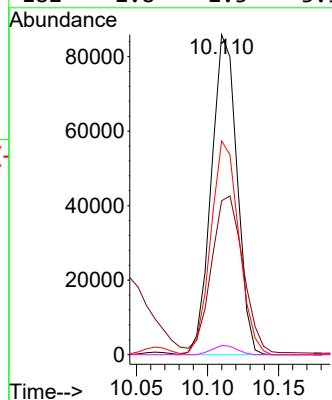
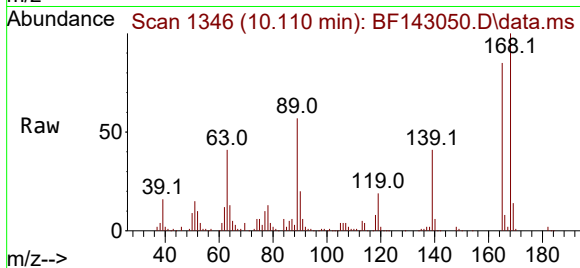
Ion Ratio Lower Upper

165 100

63 48.1 33.9 50.9

89 66.8 50.6 75.8

182 2.8 2.3 3.5



#58

Fluorene

Concen: 45.504 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

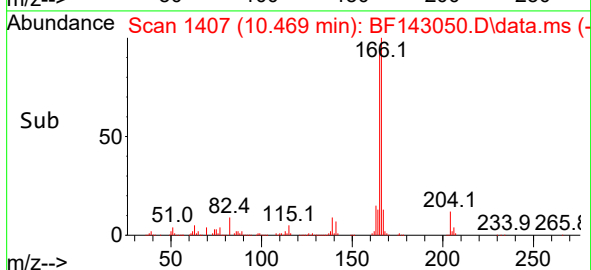
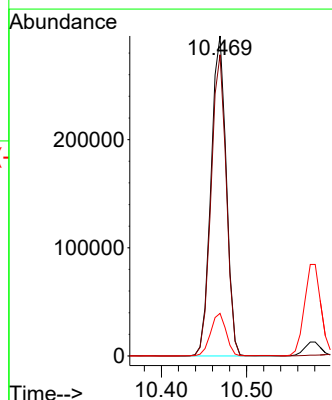
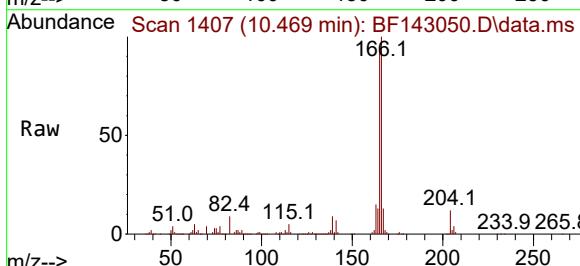
Tgt Ion:166 Resp: 368742

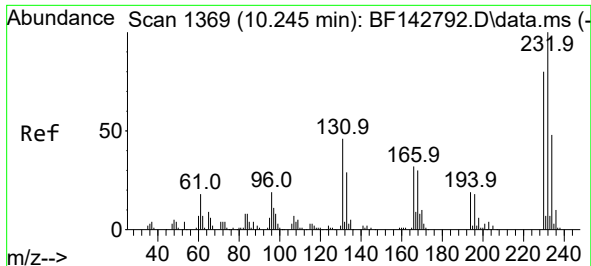
Ion Ratio Lower Upper

166 100

165 94.1 75.2 112.8

167 13.3 10.6 15.8

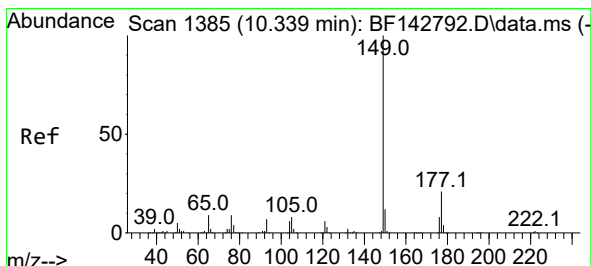
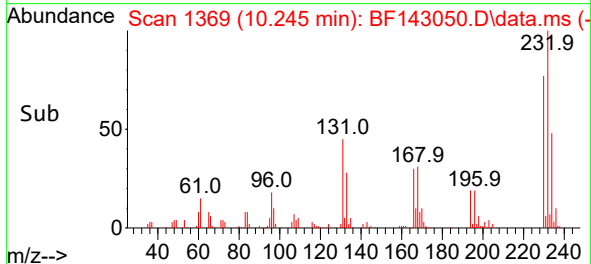
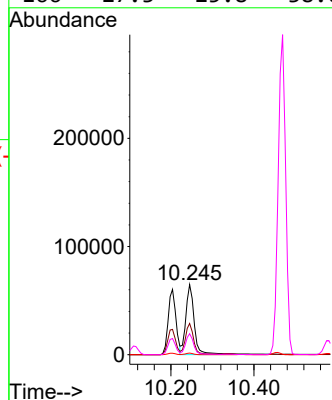
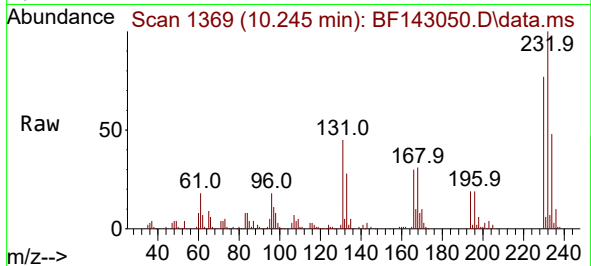




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.145 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

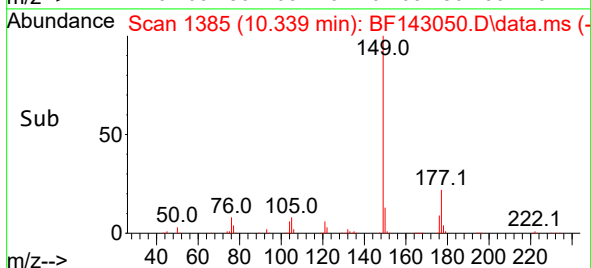
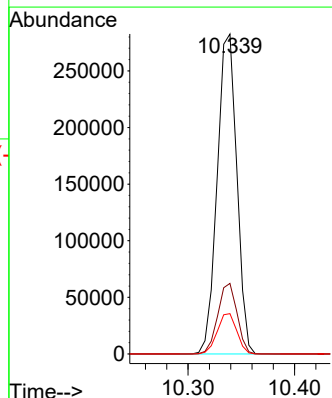
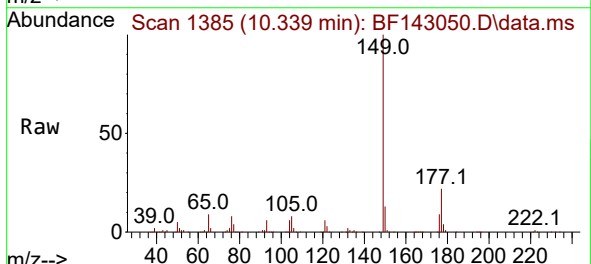
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

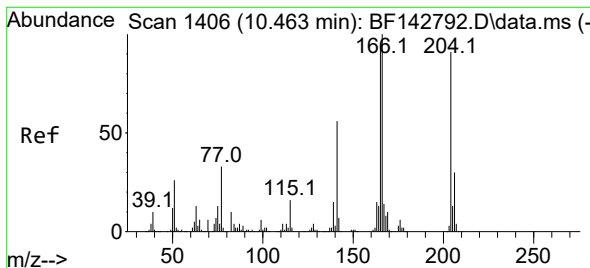
Tgt Ion:232 Resp: 91493  
Ion Ratio Lower Upper  
232 100  
131 42.3 37.6 56.4  
130 2.1 1.7 2.5  
166 27.3 25.8 38.6



#60  
Diethylphthalate  
Concen: 46.839 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:149 Resp: 361272  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.0 25.6  
150 12.6 9.8 14.6

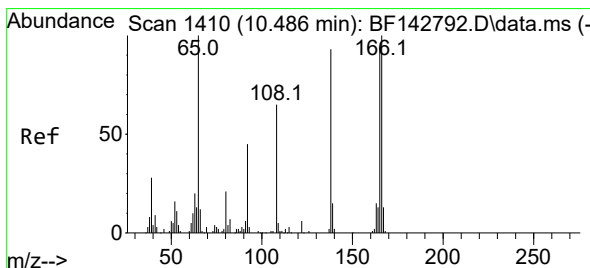
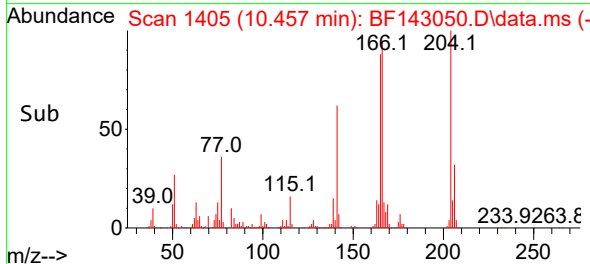
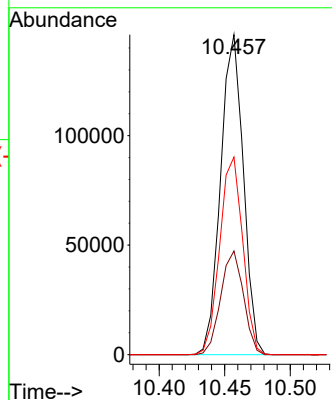
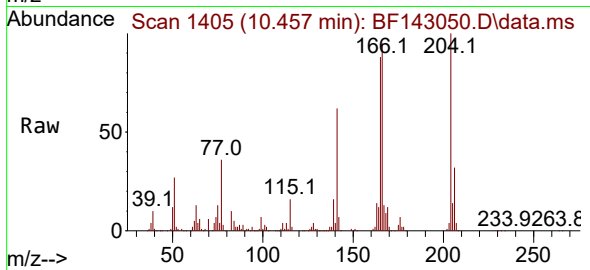




#61  
4-Chlorophenyl-phenylether  
Concen: 45.525 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

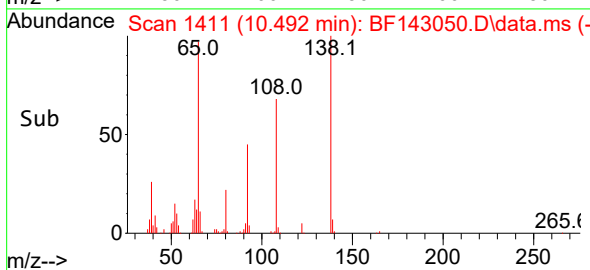
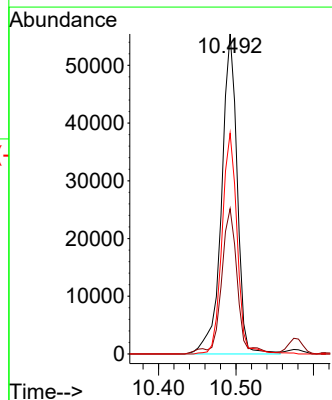
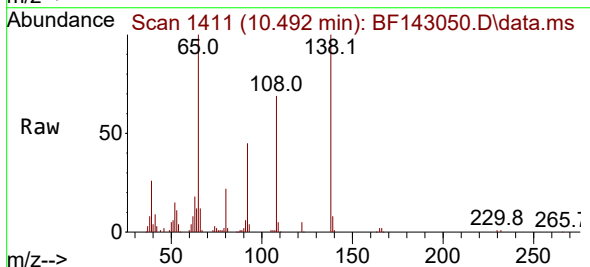
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

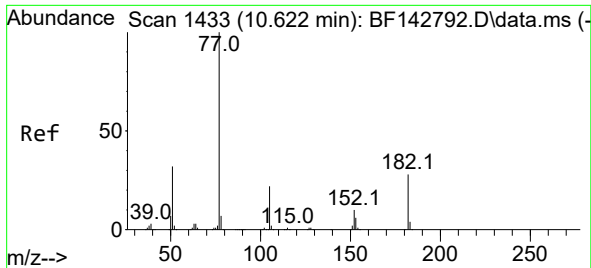
Tgt Ion:204 Resp: 176041  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.3 39.5  
141 61.8 49.1 73.7



#62  
4-Nitroaniline  
Concen: 44.655 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. 0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:138 Resp: 77682  
Ion Ratio Lower Upper  
138 100  
92 45.4 28.4 68.4  
108 69.0 50.2 90.2

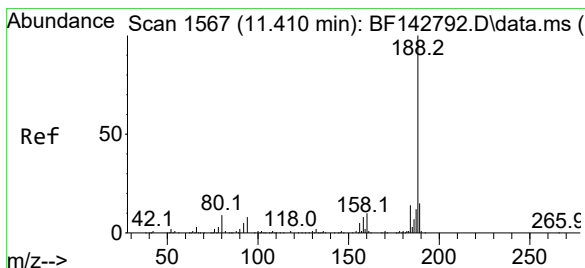
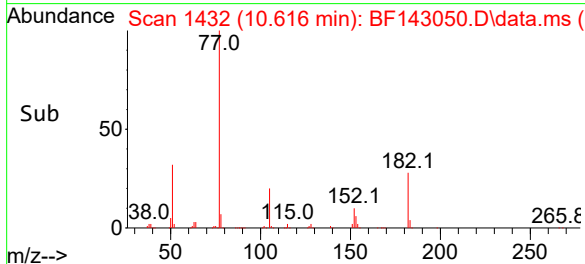
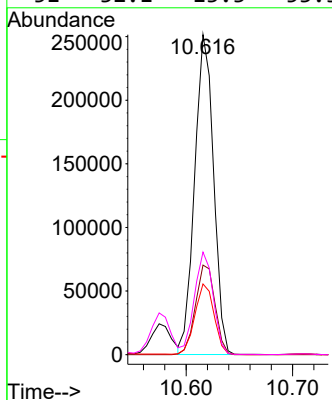
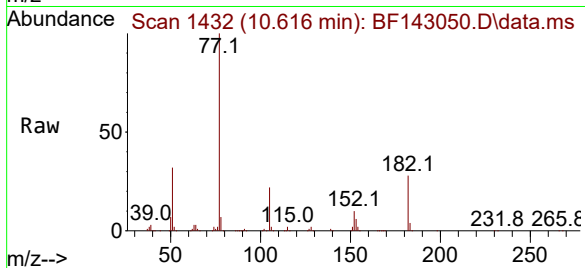




#63  
Azobenzene  
Concen: 45.067 ng  
RT: 10.616 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

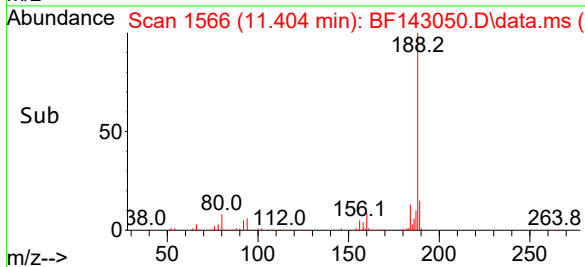
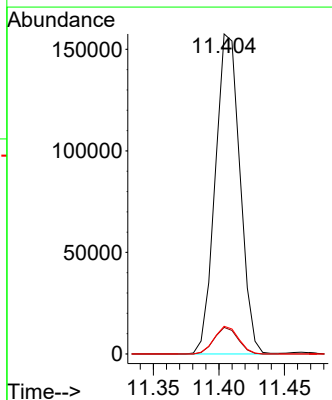
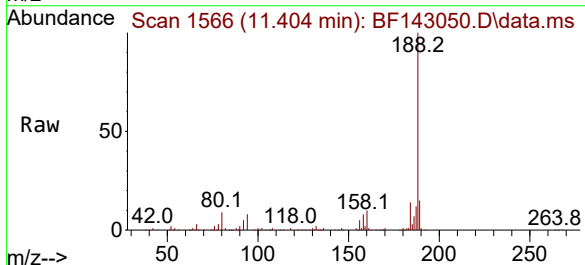
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

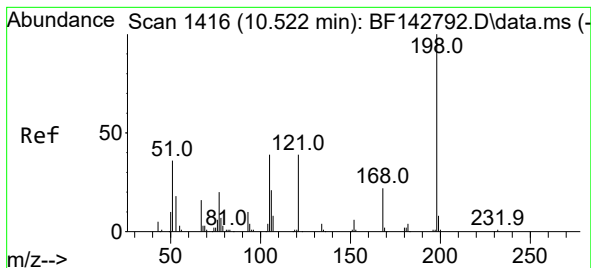
|             |                |
|-------------|----------------|
| Tgt Ion: 77 | Resp: 310675   |
| Ion Ratio   | Lower Upper    |
| 77          | 100            |
| 182         | 28.0 7.7 47.7  |
| 105         | 22.1 1.9 41.9  |
| 51          | 32.1 13.3 53.3 |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 206226 |
| Ion Ratio    | Lower Upper  |
| 188          | 100          |
| 94           | 8.3 6.7 10.1 |
| 80           | 8.6 6.9 10.3 |

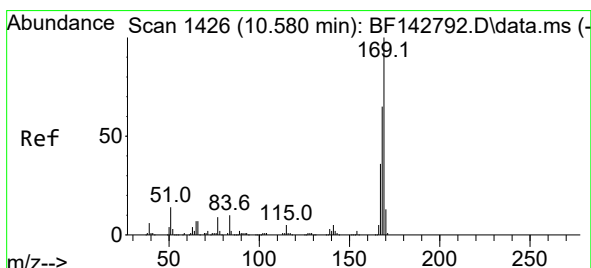
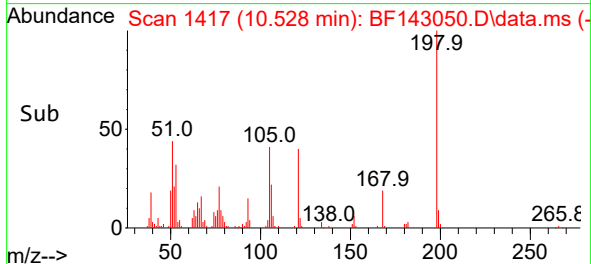
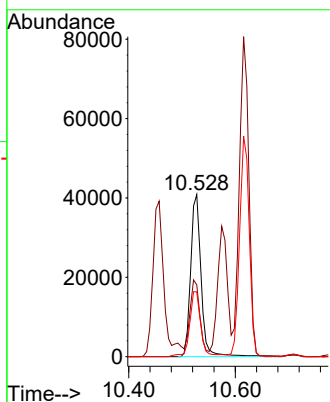
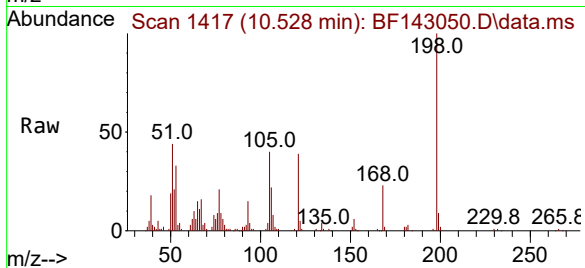




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.878 ng  
RT: 10.528 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

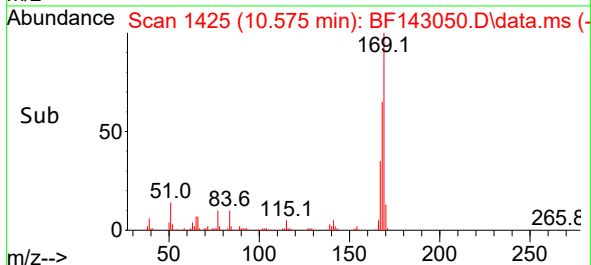
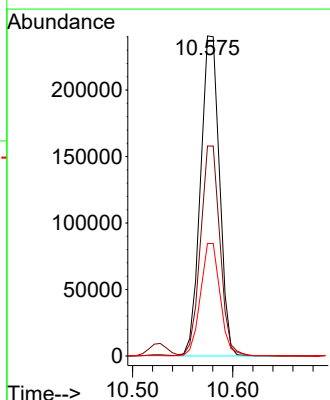
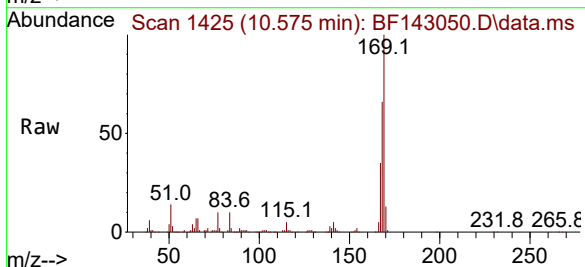
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

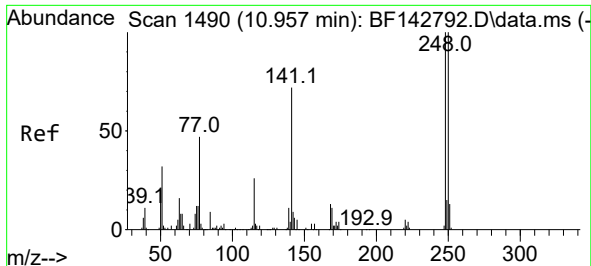
Tgt Ion:198 Resp: 55980  
Ion Ratio Lower Upper  
198 100  
51 44.3 25.4 65.4  
105 39.9 20.4 60.4



#66  
n-Nitrosodiphenylamine  
Concen: 44.408 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

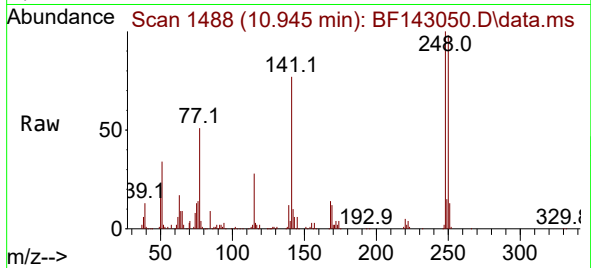
Tgt Ion:169 Resp: 317396  
Ion Ratio Lower Upper  
169 100  
168 65.6 51.9 77.9  
167 35.1 28.5 42.7



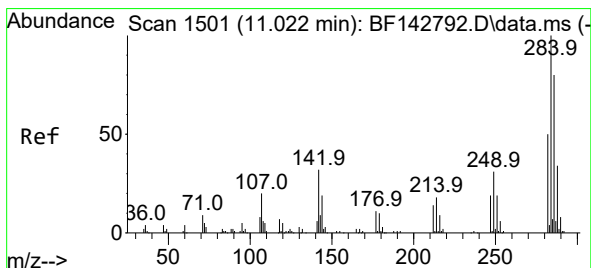
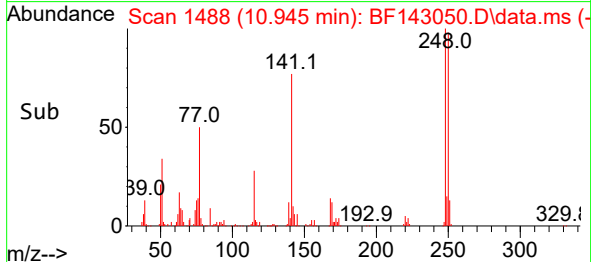
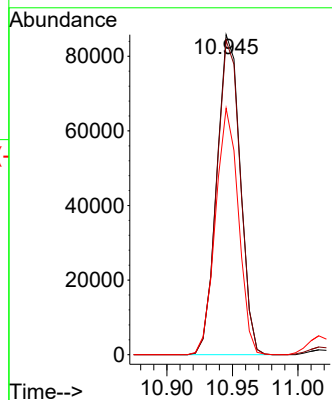


#67  
4-Bromophenyl-phenylether  
Concen: 45.492 ng  
RT: 10.945 min Scan# 1488  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

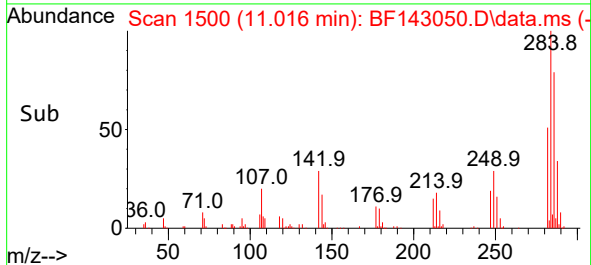
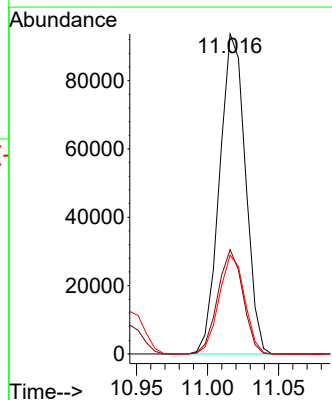
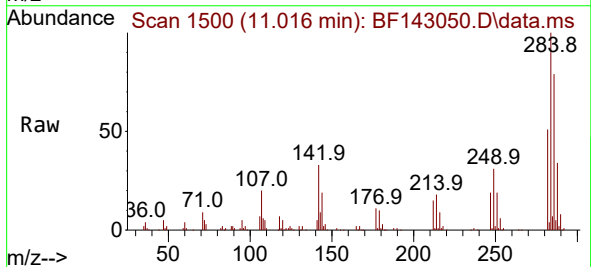


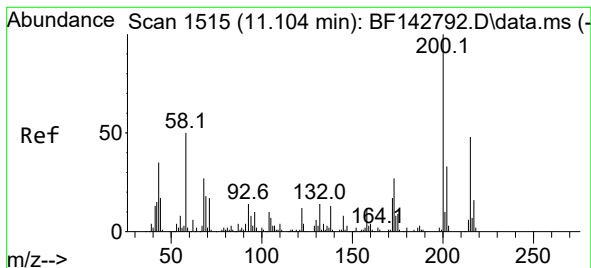
Tgt Ion:248 Resp: 106772  
Ion Ratio Lower Upper  
248 100  
250 98.2 79.8 119.8  
141 77.0 57.8 86.6



#68  
Hexachlorobenzene  
Concen: 45.388 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:284 Resp: 118369  
Ion Ratio Lower Upper  
284 100  
142 32.6 25.5 38.3  
249 30.9 24.9 37.3





#69

Atrazine

Concen: 50.184 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

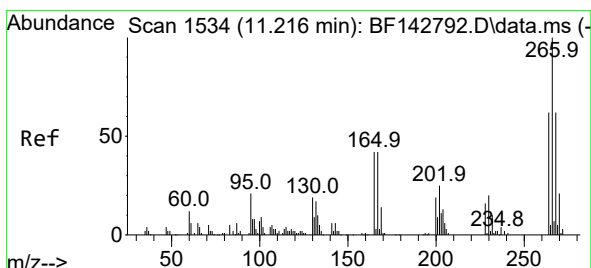
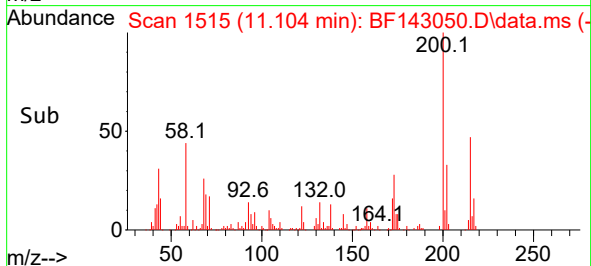
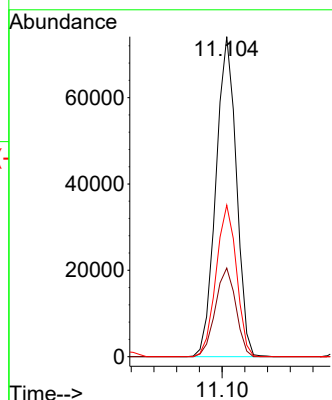
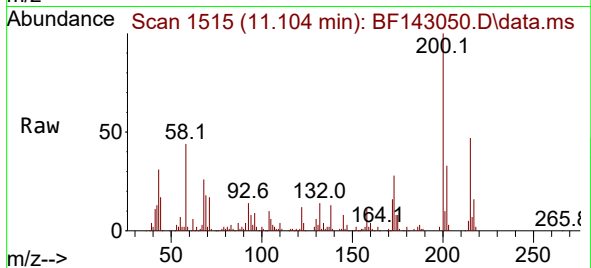
Tgt Ion:200 Resp: 92623

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 47.3 28.4 68.4



#70

Pentachlorophenol

Concen: 72.305 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

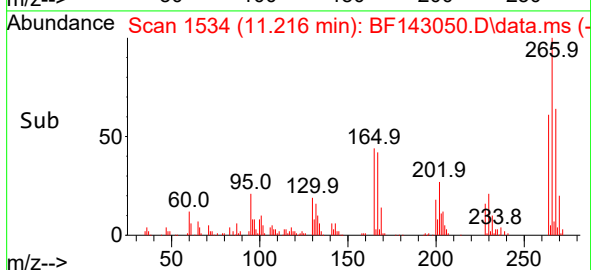
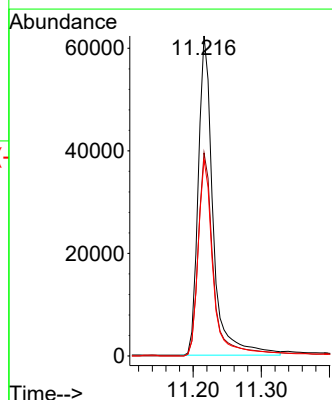
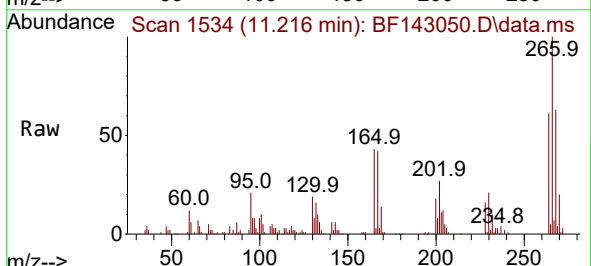
Tgt Ion:266 Resp: 93964

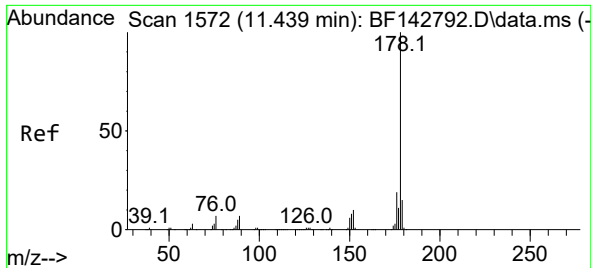
Ion Ratio Lower Upper

266 100

268 63.5 49.8 74.8

264 61.4 49.9 74.9

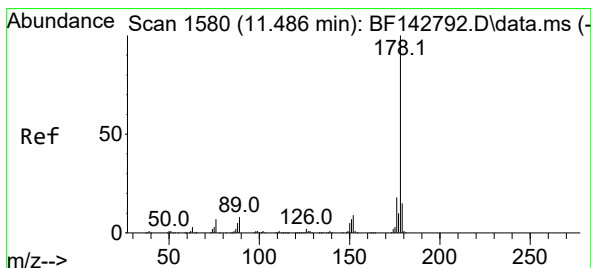
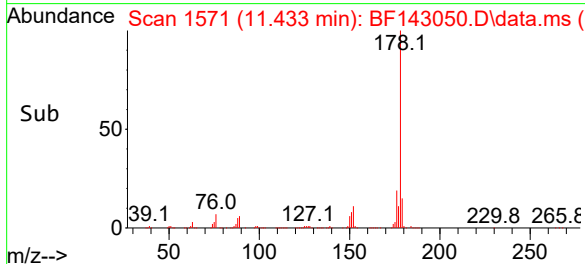
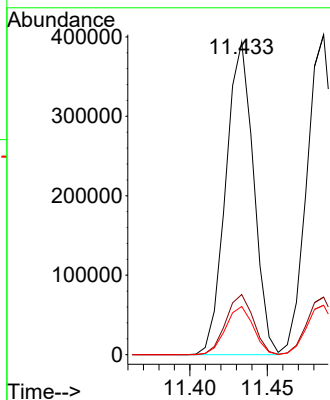
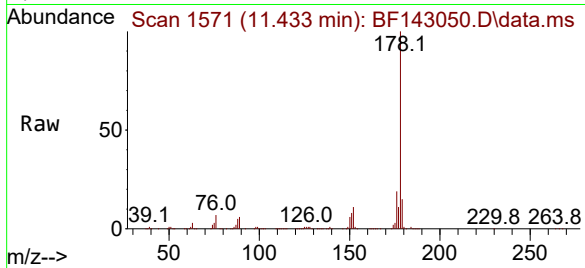




#71  
Phenanthrene  
Concen: 43.912 ng  
RT: 11.433 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

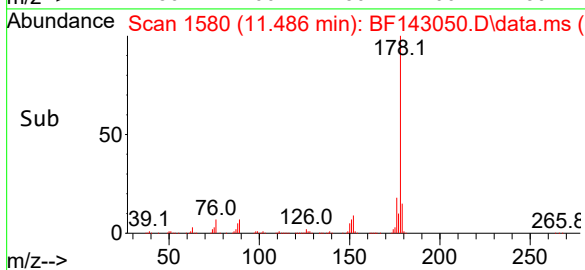
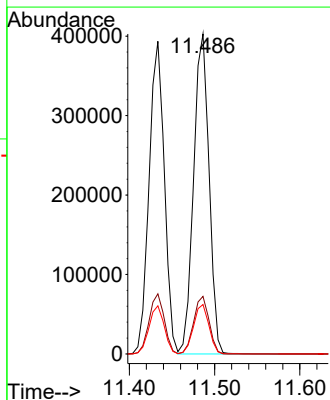
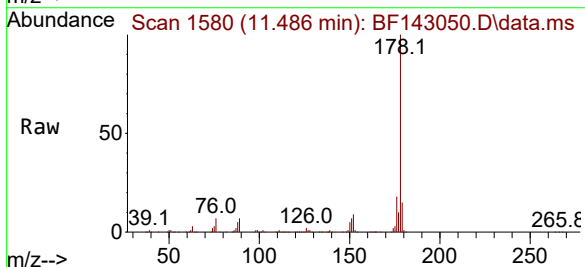
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

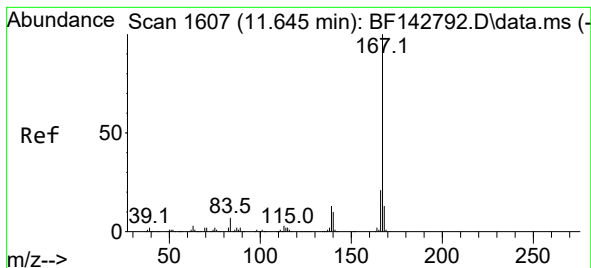
Tgt Ion:178 Resp: 490556  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.1 22.7  
179 15.4 12.0 18.0



#72  
Anthracene  
Concen: 44.238 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:178 Resp: 506842  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.6 21.8  
179 15.5 12.4 18.6





#73

Carbazole

Concen: 44.225 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

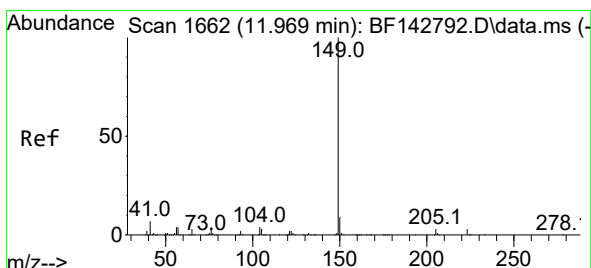
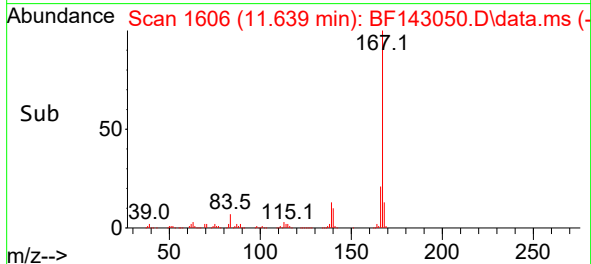
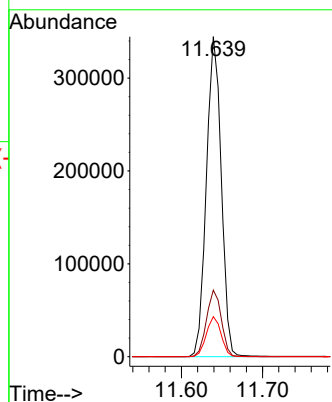
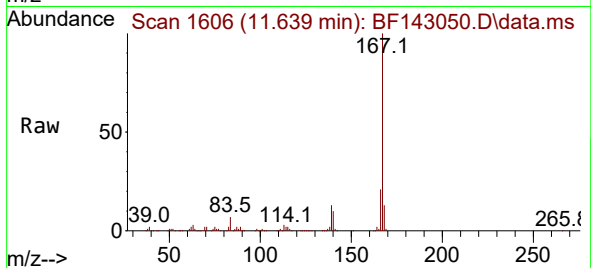
Tgt Ion:167 Resp: 437258

Ion Ratio Lower Upper

167 100

166 20.8 17.0 25.4

139 12.5 10.2 15.2



#74

Di-n-butylphthalate

Concen: 48.431 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

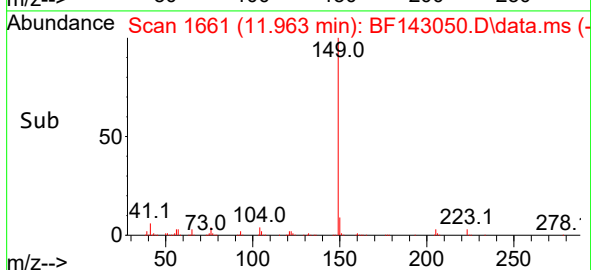
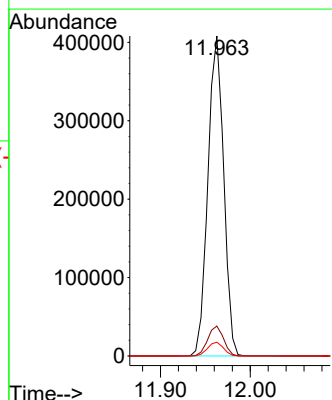
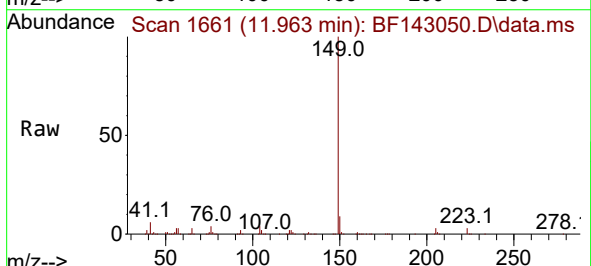
Tgt Ion:149 Resp: 498833

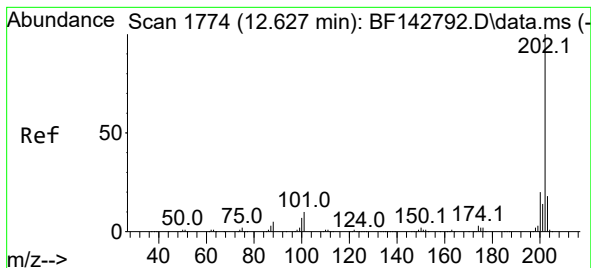
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 43.887 ng

RT: 12.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

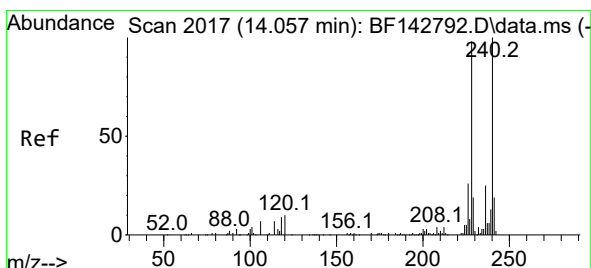
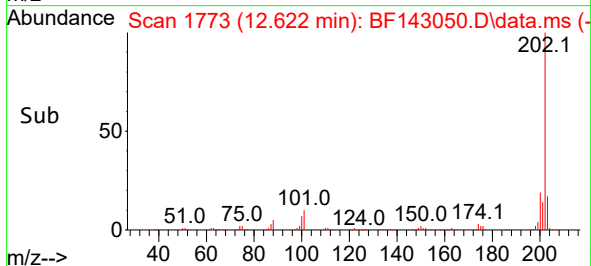
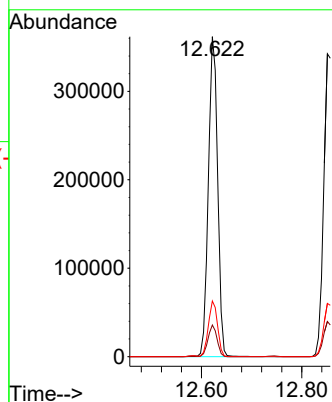
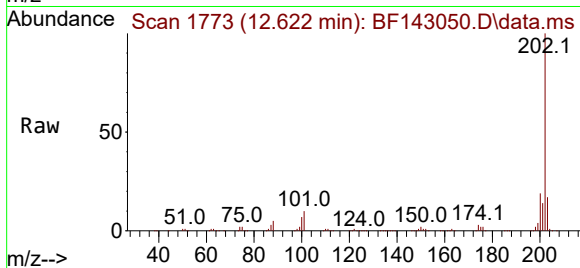
Tgt Ion:202 Resp: 465293

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.7

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

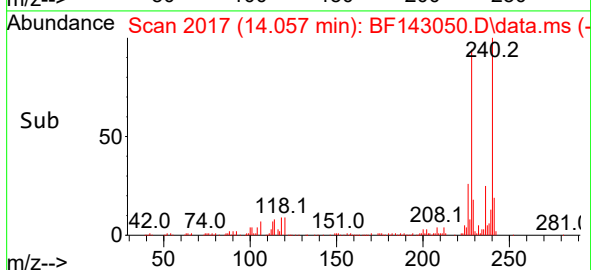
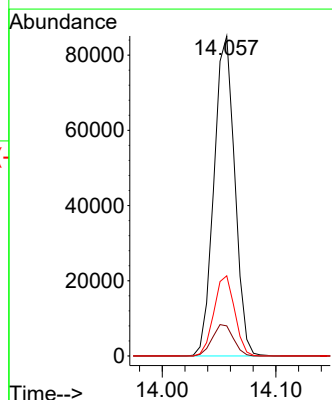
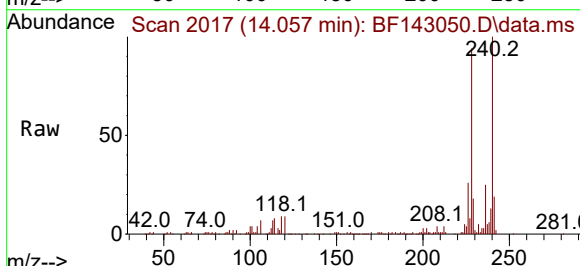
Tgt Ion:240 Resp: 108155

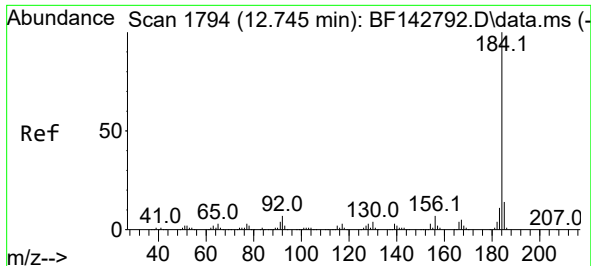
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

236 25.1 19.8 29.8

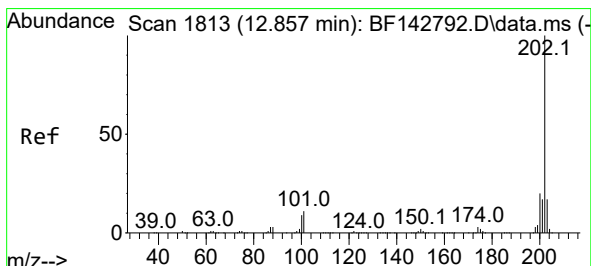
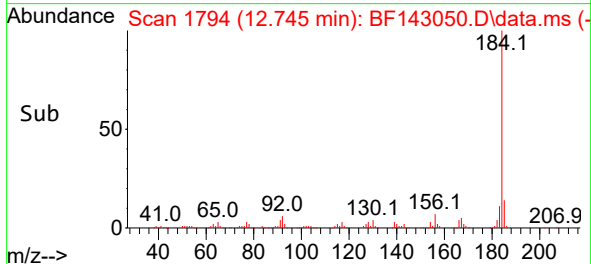
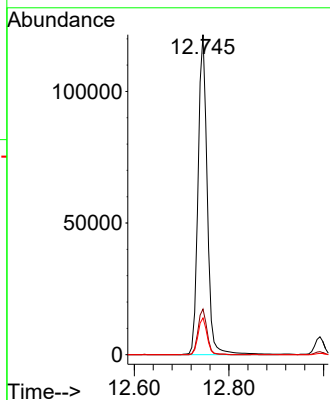
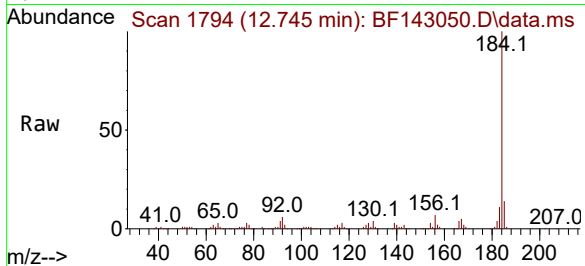




#77  
Benzidine  
Concen: 40.090 ng  
RT: 12.745 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

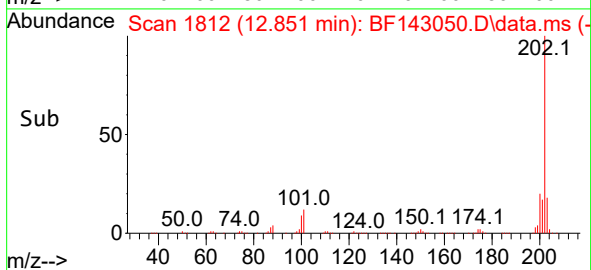
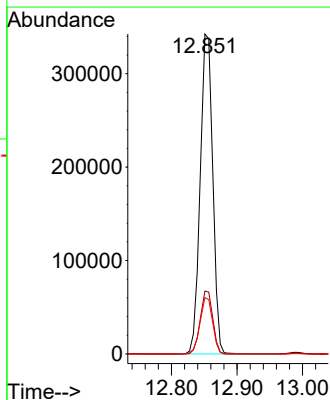
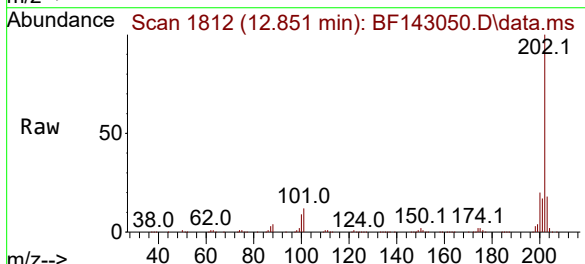
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

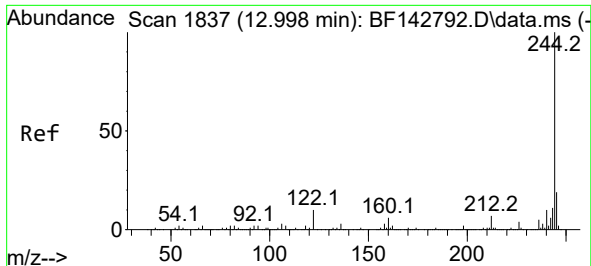
Tgt Ion:184 Resp: 162907  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.5 9.0 13.4



#78  
Pyrene  
Concen: 45.191 ng  
RT: 12.851 min Scan# 1812  
Delta R.T. -0.006 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:202 Resp: 458140  
Ion Ratio Lower Upper  
202 100  
200 19.6 15.7 23.5  
203 17.6 13.8 20.6

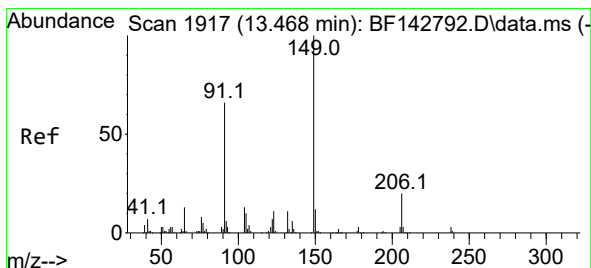
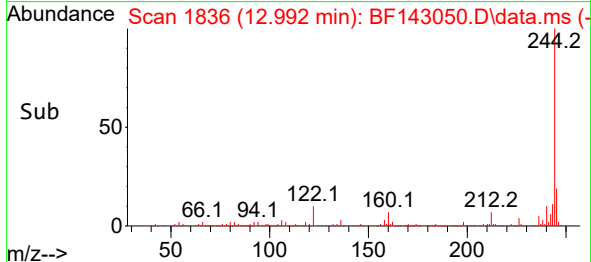
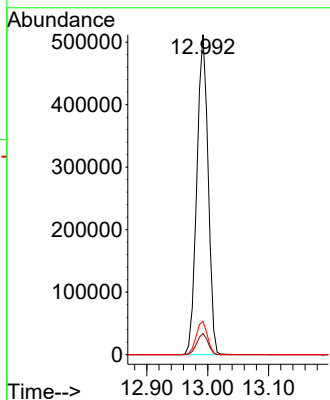
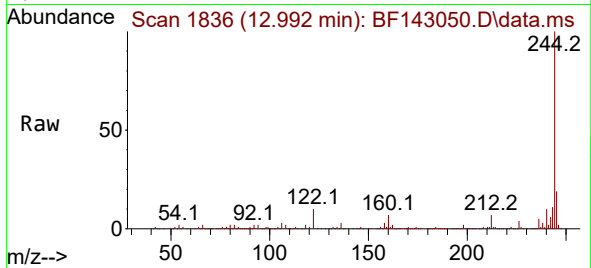




#79  
 Terphenyl-d14  
 Concen: 84.109 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.006 min  
 Lab File: BF143050.D  
 Acq: 09 Jul 2025 11:54

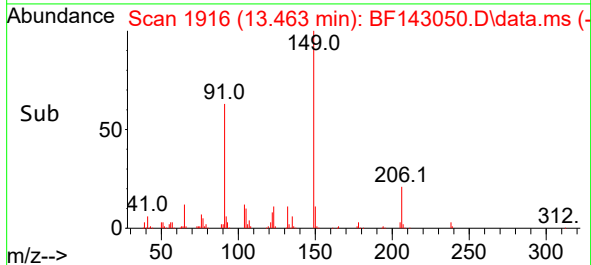
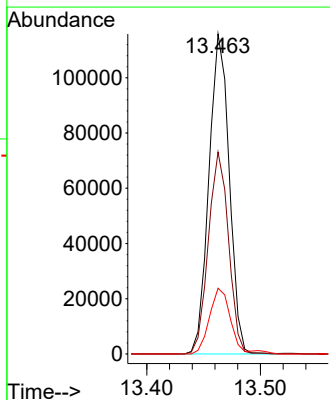
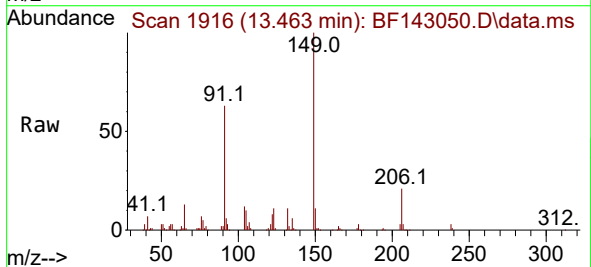
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168737BS

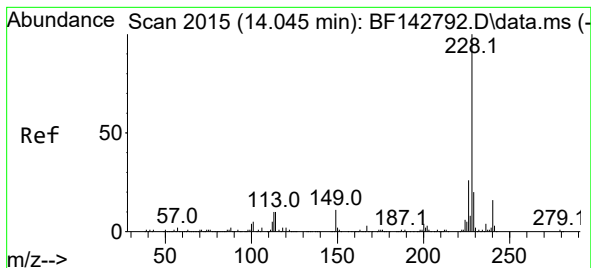
Tgt Ion:244 Resp: 658375  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 10.4 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 48.970 ng  
 RT: 13.463 min Scan# 1916  
 Delta R.T. -0.006 min  
 Lab File: BF143050.D  
 Acq: 09 Jul 2025 11:54

Tgt Ion:149 Resp: 144006  
 Ion Ratio Lower Upper  
 149 100  
 91 63.1 52.9 79.3  
 206 20.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.435 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

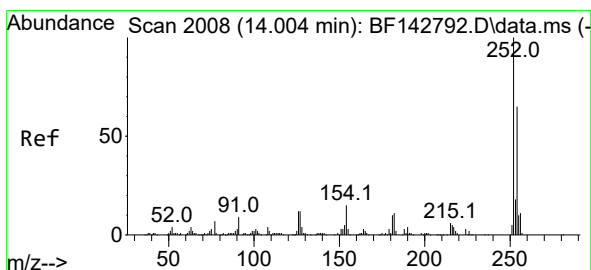
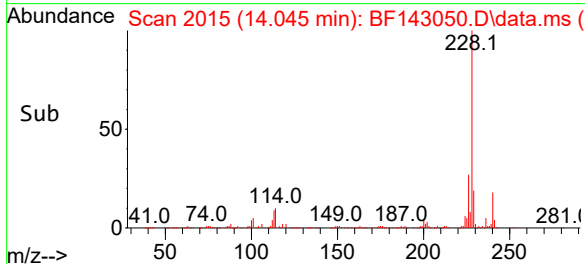
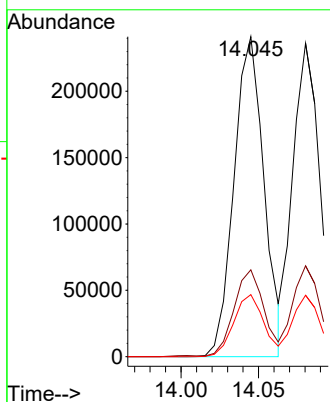
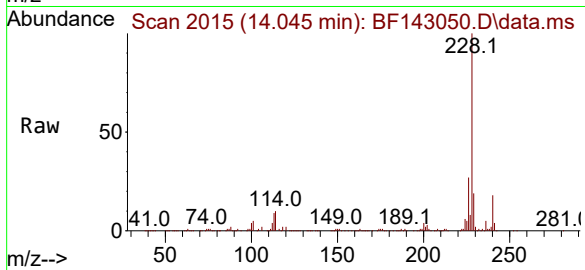
Tgt Ion:228 Resp: 324209

Ion Ratio Lower Upper

228 100

226 27.1 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 24.902 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

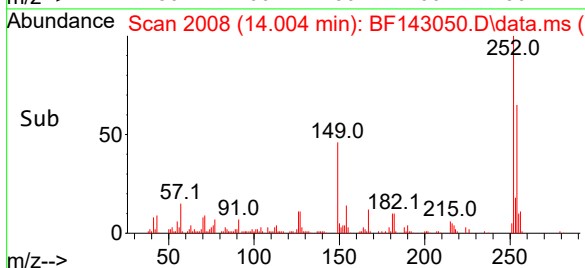
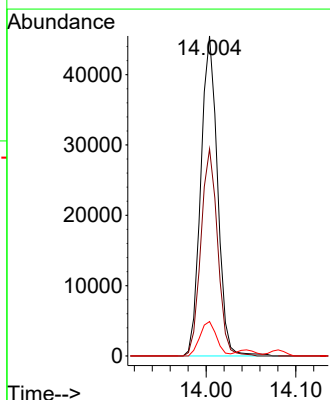
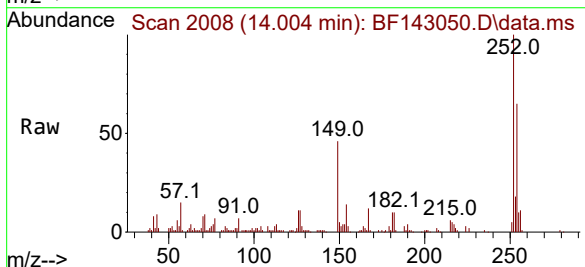
Tgt Ion:252 Resp: 58933

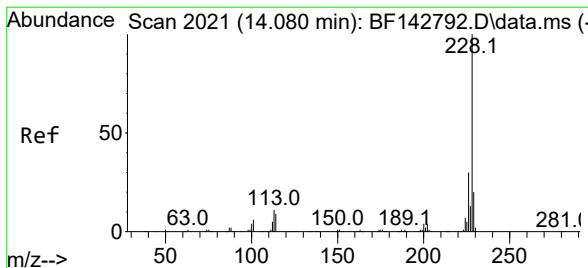
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 10.8 9.4 14.2





#83

Chrysene

Concen: 44.143 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA\_F

ClientSampleId :

PB168737BS

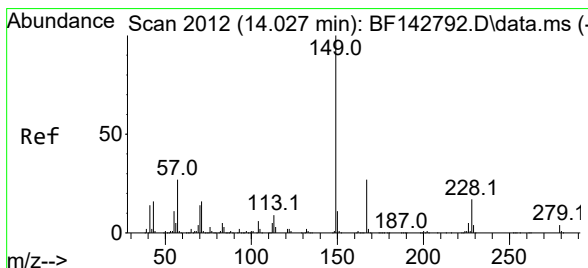
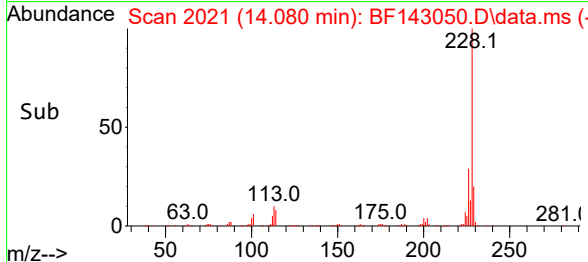
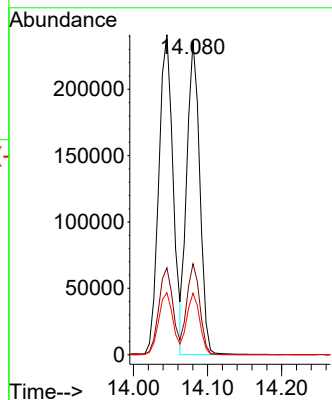
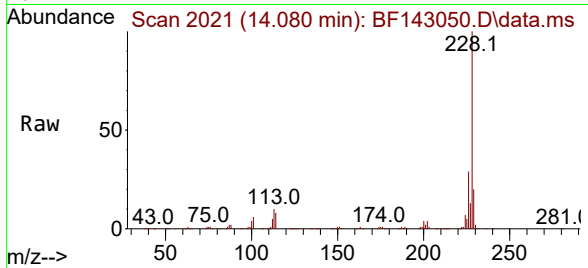
Tgt Ion:228 Resp: 287397

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.071 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

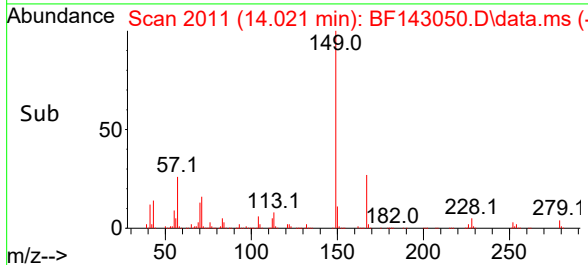
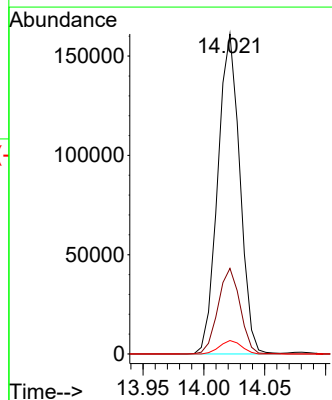
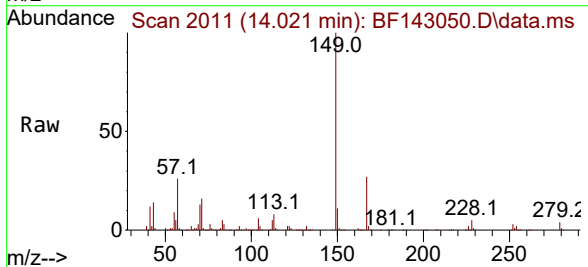
Tgt Ion:149 Resp: 203388

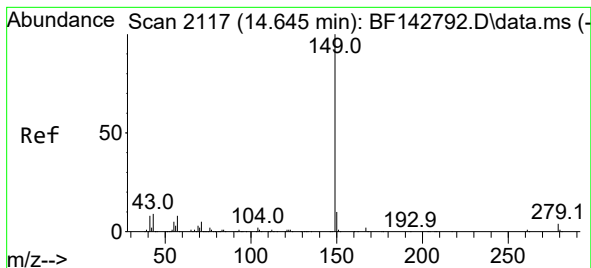
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.2 3.0 4.6

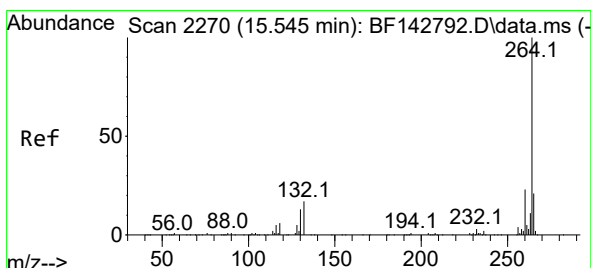
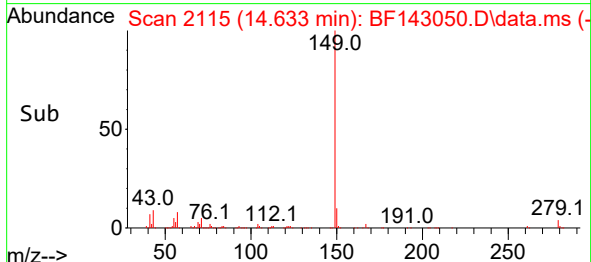
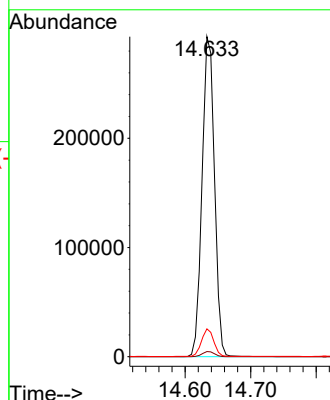
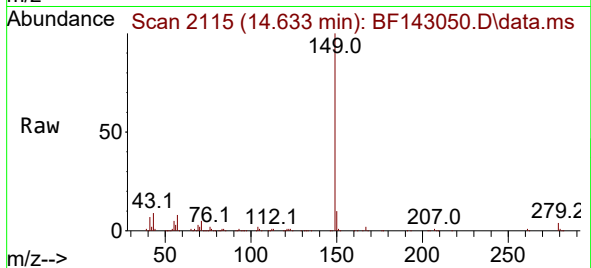




#85  
Di-n-octyl phthalate  
Concen: 48.561 ng  
RT: 14.633 min Scan# 2115  
Delta R.T. -0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

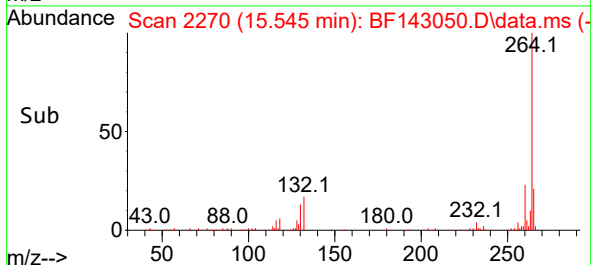
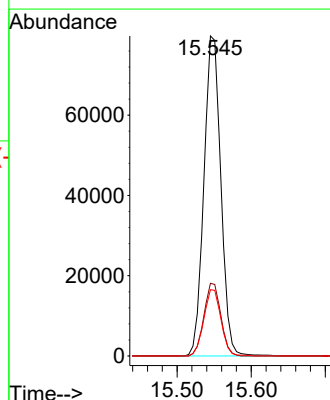
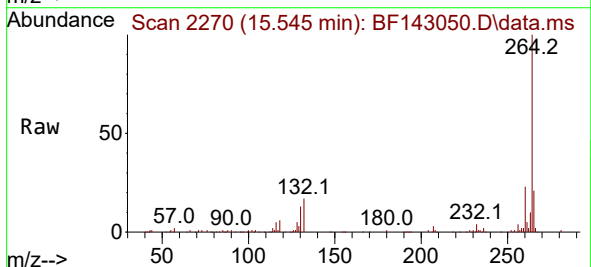
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

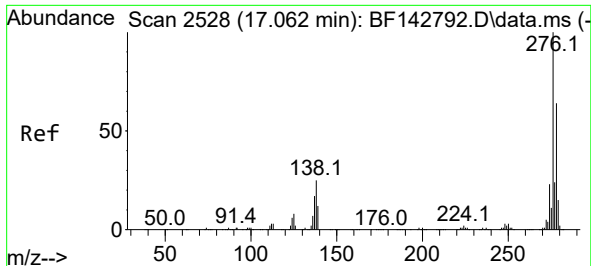
Tgt Ion:149 Resp: 387425  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.6 7.6 11.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:264 Resp: 126456  
Ion Ratio Lower Upper  
264 100  
260 22.7 18.1 27.1  
265 20.7 16.6 25.0

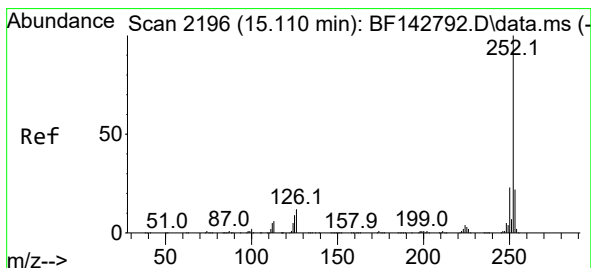
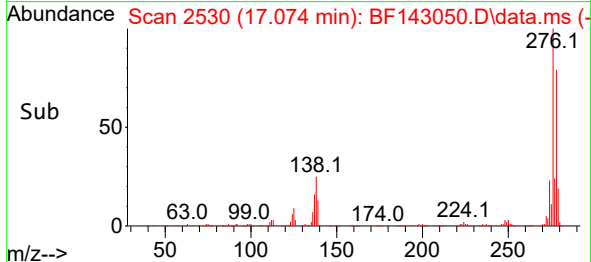
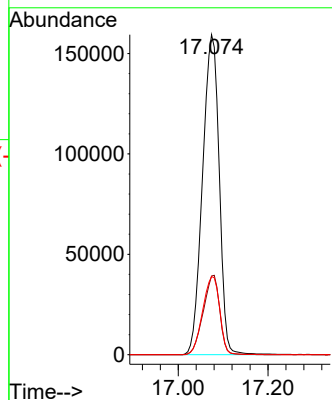
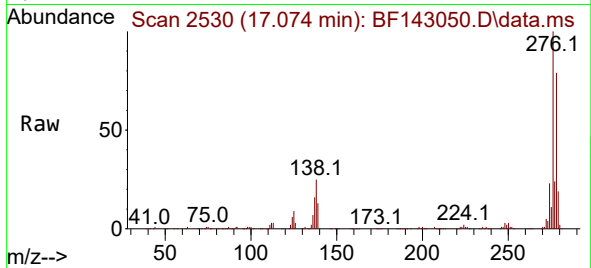




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.597 ng  
RT: 17.074 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

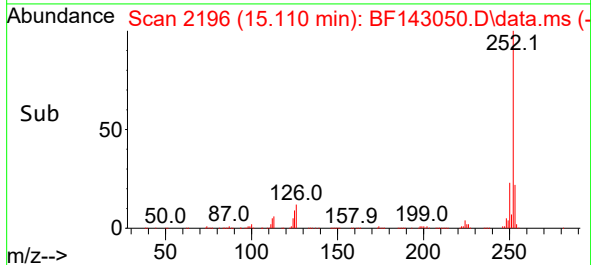
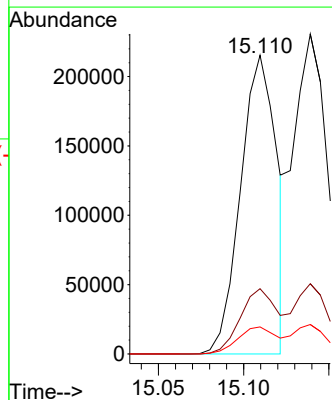
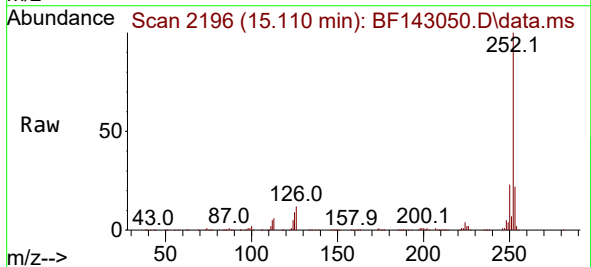
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

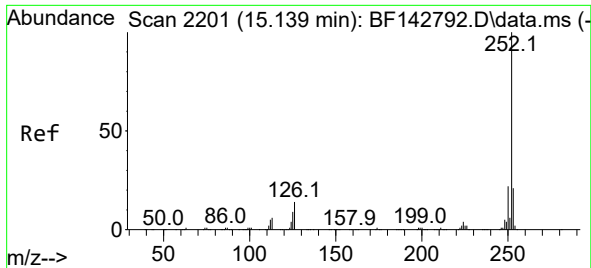
Tgt Ion:276 Resp: 410298  
Ion Ratio Lower Upper  
276 100  
138 24.4 20.2 30.4  
277 25.0 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 43.230 ng  
RT: 15.110 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:252 Resp: 316328  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 9.1 7.4 11.0

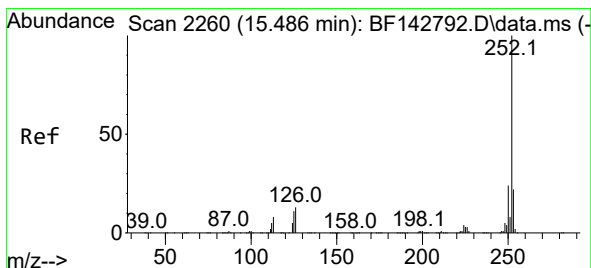
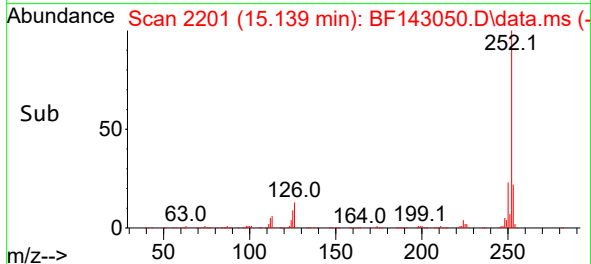
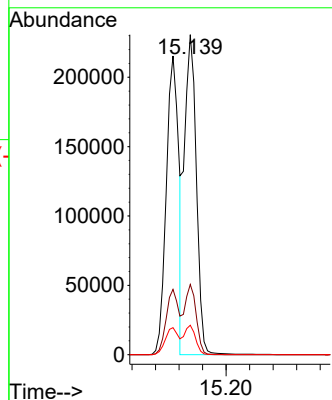
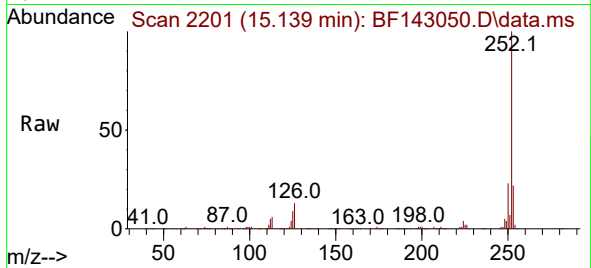




#89  
Benzo(k)fluoranthene  
Concen: 47.444 ng  
RT: 15.139 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

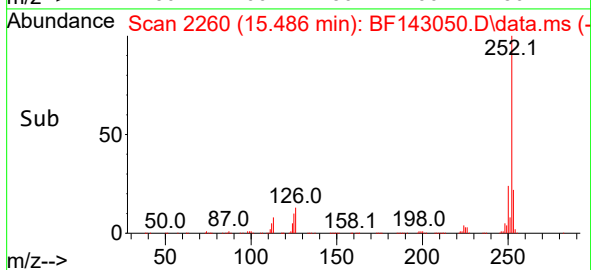
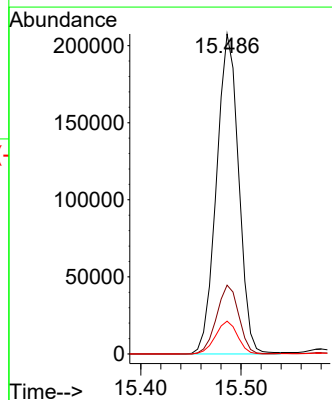
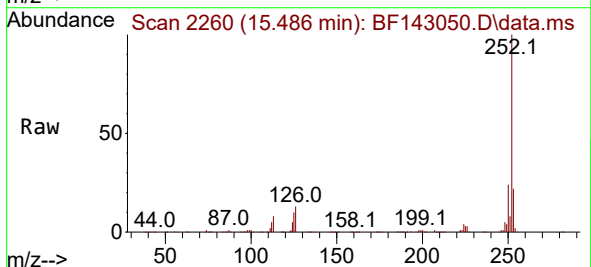
Instrument :  
BNA\_F  
ClientSampleId :  
PB168737BS

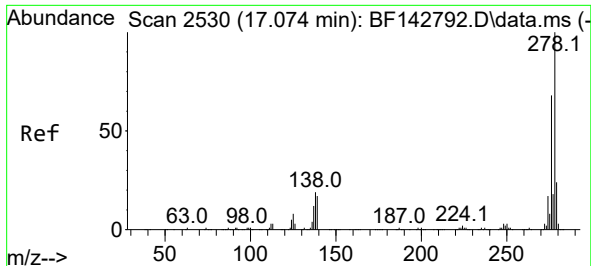
Tgt Ion:252 Resp: 324795  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 9.2 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 45.135 ng  
RT: 15.486 min Scan# 2260  
Delta R.T. 0.000 min  
Lab File: BF143050.D  
Acq: 09 Jul 2025 11:54

Tgt Ion:252 Resp: 319058  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.5 26.3  
125 10.3 8.6 12.8

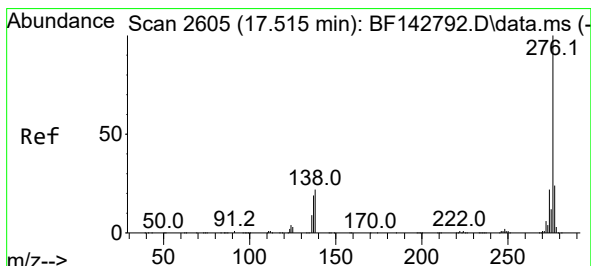
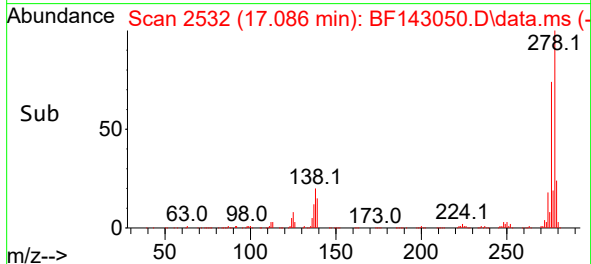
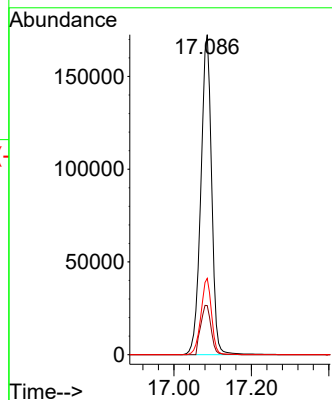
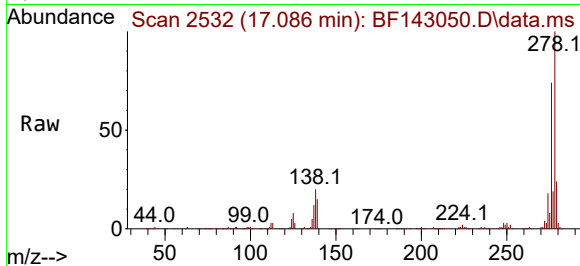




#91  
 Dibenzo(a,h)anthracene  
 Concen: 42.503 ng  
 RT: 17.086 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BF143050.D  
 Acq: 09 Jul 2025 11:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168737BS

Tgt Ion:278 Resp: 332637  
 Ion Ratio Lower Upper  
 278 100  
 139 15.4 13.5 20.3  
 279 23.8 18.8 28.2



#92  
 Benzo(g,h,i)perylene  
 Concen: 41.934 ng  
 RT: 17.533 min Scan# 2608  
 Delta R.T. 0.018 min  
 Lab File: BF143050.D  
 Acq: 09 Jul 2025 11:54

Tgt Ion:276 Resp: 327253  
 Ion Ratio Lower Upper  
 276 100  
 277 23.7 18.8 28.2  
 138 20.1 17.6 26.4

