

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061423\  
 Data File : BF133746.D  
 Acq On : 14 Jun 2023 11:33  
 Operator : CG\JU  
 Sample : PB153266BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153266BS

Quant Time: Jun 14 12:13:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 13 11:26:55 2023  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.834  | 152  | 105025   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.116  | 136  | 400935   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.874  | 164  | 195788   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.363 | 188  | 380116   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.010 | 240  | 194897   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.468 | 264  | 209790   | 20.000 | ng    | -0.01    |

|                             |        |     |         |         |    |      |
|-----------------------------|--------|-----|---------|---------|----|------|
| System Monitoring Compounds |        |     |         |         |    |      |
| 5) 2-Fluorophenol           | 5.457  | 112 | 738953  | 122.489 | ng | 0.01 |
| 7) Phenol-d6                | 6.469  | 99  | 894650  | 113.929 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.404  | 82  | 612808  | 83.250  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330 | 278927  | 112.546 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.198  | 172 | 1106946 | 80.370  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.951 | 244 | 1139509 | 90.469  | ng | 0.00 |

|                               |       |     |        |         |        |
|-------------------------------|-------|-----|--------|---------|--------|
| Target Compounds              |       |     |        |         | Qvalue |
| 2) 1,4-Dioxane                | 2.622 | 88  | 84763  | 31.959  | ng 98  |
| 3) Pyridine                   | 3.375 | 79  | 226318 | 29.276  | ng 98  |
| 4) n-Nitrosodimethylamine     | 3.322 | 42  | 176953 | 41.410  | ng 100 |
| 6) Aniline                    | 6.492 | 93  | 349194 | 35.306  | ng 95  |
| 8) 2-Chlorophenol             | 6.616 | 128 | 279223 | 43.919  | ng 98  |
| 9) Benzaldehyde               | 6.381 | 77  | 143815 | 27.604  | ng 95  |
| 10) Phenol                    | 6.486 | 94  | 337801 | 41.197  | ng 85  |
| 11) bis(2-Chloroethyl)ether   | 6.569 | 93  | 255668 | 41.999  | ng 94  |
| 12) 1,3-Dichlorobenzene       | 6.775 | 146 | 295096 | 43.443  | ng 99  |
| 13) 1,4-Dichlorobenzene       | 6.851 | 146 | 296977 | 43.256  | ng 98  |
| 14) 1,2-Dichlorobenzene       | 7.004 | 146 | 284511 | 45.862  | ng 98  |
| 15) Benzyl Alcohol            | 6.975 | 79  | 260611 | 42.492  | ng 99  |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110 | 45  | 454765 | 44.070  | ng 99  |
| 17) 2-Methylphenol            | 7.086 | 107 | 230090 | 40.832  | ng 99  |
| 18) Hexachloroethane          | 7.345 | 117 | 112457 | 47.846  | ng 99  |
| 19) n-Nitroso-di-n-propyla... | 7.251 | 70  | 195005 | 39.030  | ng 98  |
| 20) 3+4-Methylphenols         | 7.239 | 107 | 276562 | 37.727  | ng 97  |
| 22) Acetophenone              | 7.245 | 105 | 382974 | 41.647  | ng 95  |
| 24) Nitrobenzene              | 7.422 | 77  | 305816 | 41.259  | ng 99  |
| 25) Isophorone                | 7.657 | 82  | 533105 | 39.448  | ng 99  |
| 26) 2-Nitrophenol             | 7.733 | 139 | 150282 | 45.177  | ng 98  |
| 27) 2,4-Dimethylphenol        | 7.769 | 122 | 239502 | 41.772  | ng 98  |
| 28) bis(2-Chloroethoxy)met... | 7.869 | 93  | 312322 | 39.987  | ng 98  |
| 29) 2,4-Dichlorophenol        | 7.975 | 162 | 229068 | 40.764  | ng 99  |
| 30) 1,2,4-Trichlorobenzene    | 8.057 | 180 | 243322 | 41.503  | ng 97  |
| 31) Naphthalene               | 8.139 | 128 | 767068 | 39.269  | ng 99  |
| 32) Benzoic acid              | 7.892 | 122 | 159575 | 44.130  | ng 97  |
| 33) 4-Chloroaniline           | 8.186 | 127 | 207388 | 24.830  | ng 98  |
| 34) Hexachlorobutadiene       | 8.251 | 225 | 153136 | 39.894  | ng 98  |
| 35) Caprolactam               | 8.563 | 113 | 54267  | 28.700  | ng 96  |
| 36) 4-Chloro-3-methylphenol   | 8.669 | 107 | 261115 | 40.313  | ng 97  |
| 37) 2-Methylnaphthalene       | 8.833 | 142 | 519106 | 38.248  | ng 99  |
| 38) 1-Methylnaphthalene       | 8.933 | 142 | 486859 | 38.983  | ng 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.998 | 216 | 243162 | 40.853  | ng 98  |
| 41) Hexachlorocyclopentadiene | 8.980 | 237 | 287749 | 108.484 | ng 95  |
| 43) 2,4,6-Trichlorophenol     | 9.110 | 196 | 165800 | 41.685  | ng 96  |

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 ALS Vial : 4 Sample Multiplier: 1

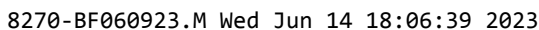
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153266BS

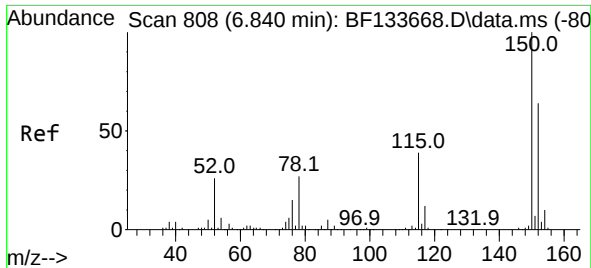
Quant Time: Jun 14 12:13:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 13 11:26:55 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.151  | 196  | 178744   | 38.628 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.298  | 154  | 653594   | 41.391 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 475432   | 41.974 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.416  | 65   | 174225   | 42.058 | ng    | 96       |
| 49) Acenaphthylene            | 9.739  | 152  | 800257   | 40.592 | ng    | 99       |
| 50) Dimethylphthalate         | 9.598  | 163  | 561397   | 38.415 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.663  | 165  | 125264   | 41.527 | ng    | 96       |
| 52) Acenaphthene              | 9.910  | 154  | 471972   | 40.900 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.827  | 138  | 113574   | 30.940 | ng    | 86       |
| 54) 2,4-Dinitrophenol         | 9.939  | 184  | 145049   | 97.088 | ng    | 90       |
| 55) Dibenzofuran              | 10.080 | 168  | 716914   | 40.715 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.992  | 139  | 222457   | 89.794 | ng    | # 76     |
| 57) 2,4-Dinitrotoluene        | 10.069 | 165  | 170650   | 44.483 | ng    | 93       |
| 58) Fluorene                  | 10.427 | 166  | 564143   | 41.896 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.198 | 232  | 149084   | 43.033 | ng    | 97       |
| 60) Diethylphthalate          | 10.298 | 149  | 577066   | 38.798 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 260572   | 39.198 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.445 | 138  | 144846   | 40.244 | ng    | 97       |
| 63) Azobenzene                | 10.574 | 77   | 562790   | 39.970 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.474 | 198  | 92488    | 50.919 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 490546   | 38.419 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 163448   | 38.526 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 187752   | 42.083 | ng    | 98       |
| 69) Atrazine                  | 11.063 | 200  | 158159   | 42.692 | ng    | 96       |
| 70) Pentachlorophenol         | 11.169 | 266  | 194673   | 72.870 | ng    | 99       |
| 71) Phenanthrene              | 11.386 | 178  | 790250   | 40.977 | ng    | 100      |
| 72) Anthracene                | 11.439 | 178  | 811333   | 40.348 | ng    | 100      |
| 73) Carbazole                 | 11.598 | 167  | 744906   | 39.774 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.921 | 149  | 854108   | 35.574 | ng    | 100      |
| 75) Fluoranthene              | 12.574 | 202  | 857218   | 41.857 | ng    | 97       |
| 77) Benzidine                 | 12.698 | 184  | 310914   | 47.541 | ng    | 99       |
| 78) Pyrene                    | 12.810 | 202  | 866157   | 47.708 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 277338   | 36.184 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 575069   | 42.657 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.957 | 252  | 160349   | 35.777 | ng    | # 99     |
| 83) Chrysene                  | 14.033 | 228  | 516791   | 40.530 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 289425   | 30.668 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 471572   | 35.163 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 733025   | 50.788 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 549261   | 43.100 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.074 | 252  | 515312   | 41.511 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.409 | 252  | 489826   | 41.415 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.956 | 278  | 599340   | 50.159 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.386 | 276  | 641007   | 54.107 | ng    | 97       |

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

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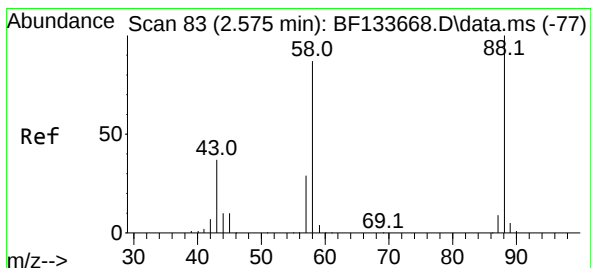
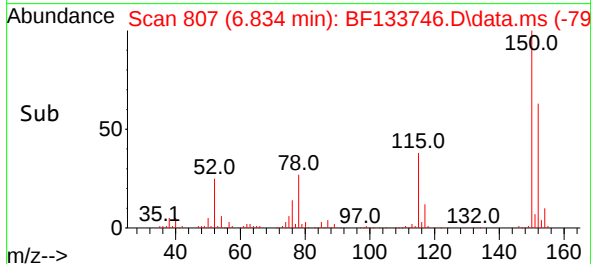
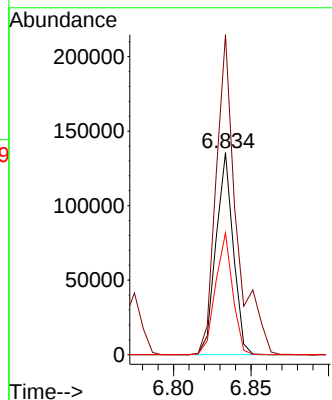
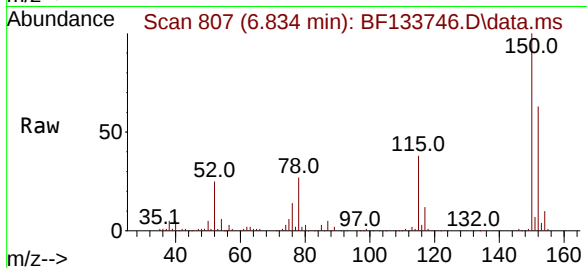




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.834 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF133746.D  
 Acq: 14 Jun 2023 11:33

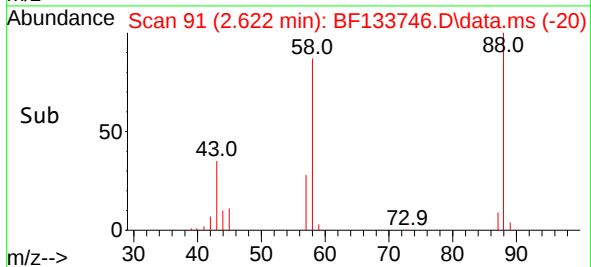
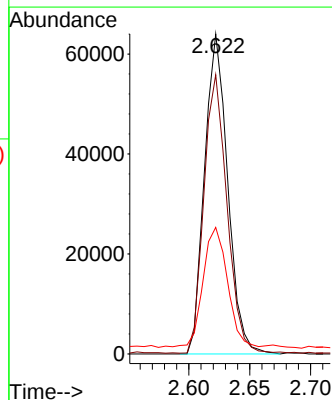
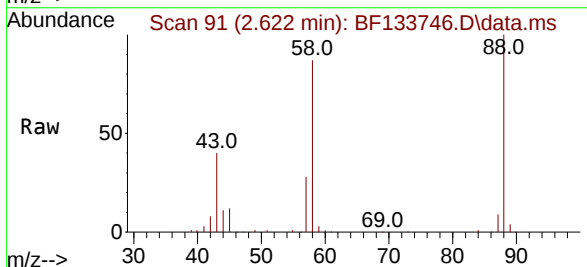
Instrument :  
 BNA\_F  
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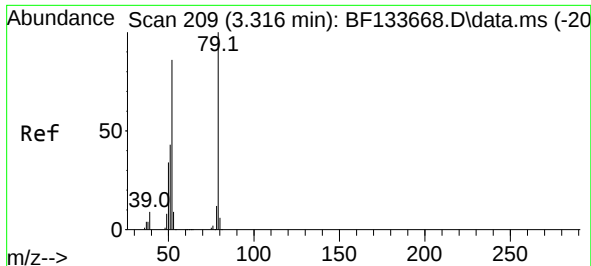
Tgt Ion:152 Resp: 105025  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 124.3 186.5  
 115 60.3 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 31.959 ng  
 RT: 2.622 min Scan# 91  
 Delta R.T. 0.071 min  
 Lab File: BF133746.D  
 Acq: 14 Jun 2023 11:33

Tgt Ion: 88 Resp: 84763  
 Ion Ratio Lower Upper  
 88 100  
 58 86.9 67.8 101.6  
 43 38.8 29.8 44.6

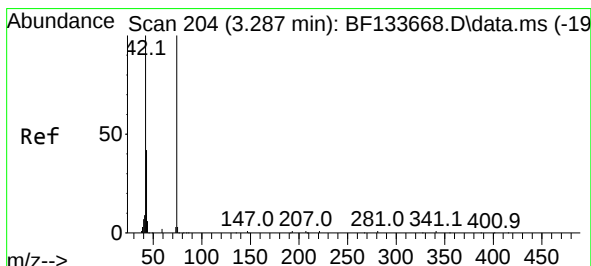
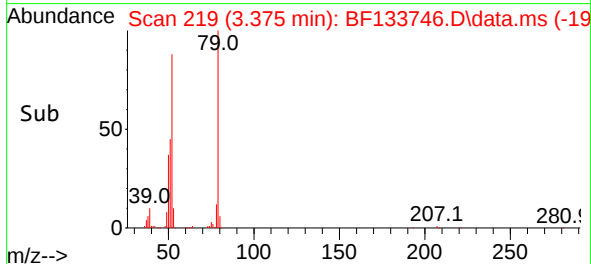
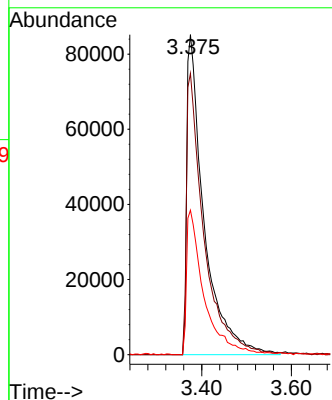
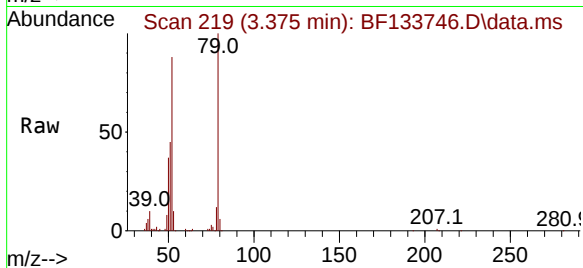




#3  
Pyridine  
Concen: 29.276 ng  
RT: 3.375 min Scan# 210  
Delta R.T. 0.071 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

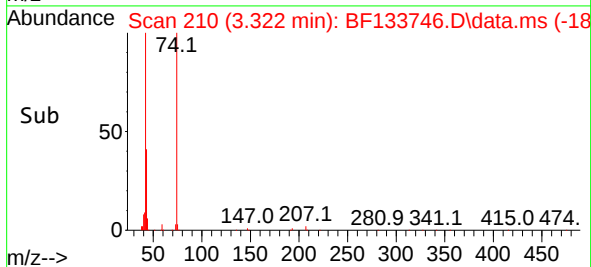
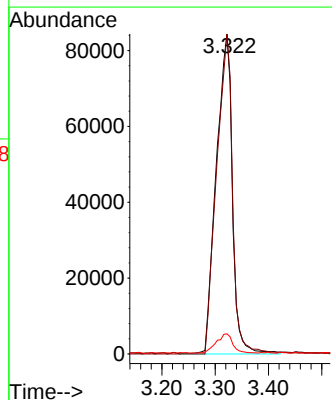
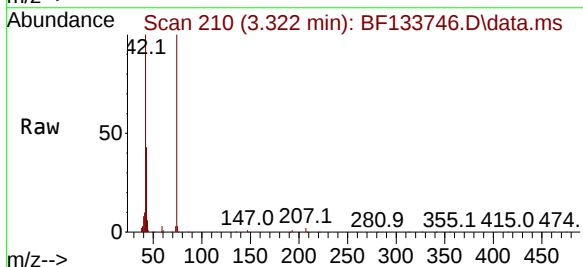
Instrument :  
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ClientSampleId :  
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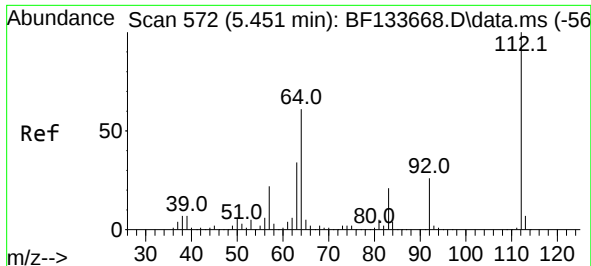
Tgt Ion: 79 Resp: 226318  
Ion Ratio Lower Upper  
79 100  
52 87.9 68.6 102.8  
51 45.2 34.8 52.2



#4  
n-Nitrosodimethylamine  
Concen: 41.410 ng  
RT: 3.322 min Scan# 210  
Delta R.T. 0.065 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion: 42 Resp: 176953  
Ion Ratio Lower Upper  
42 100  
74 100.1 79.8 119.8  
44 6.3 4.7 7.1

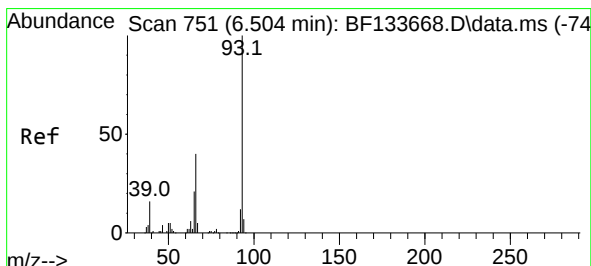
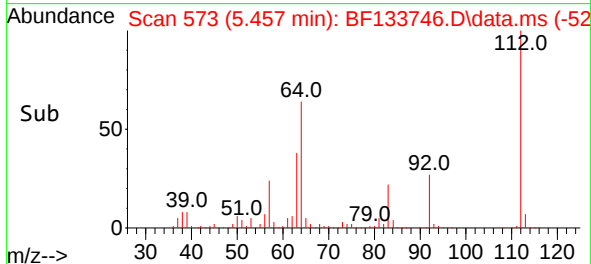
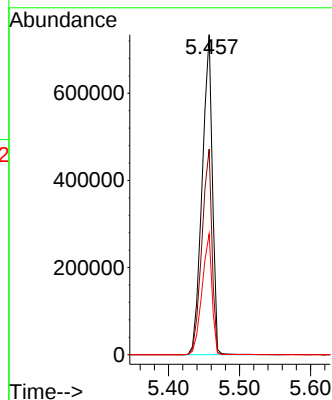
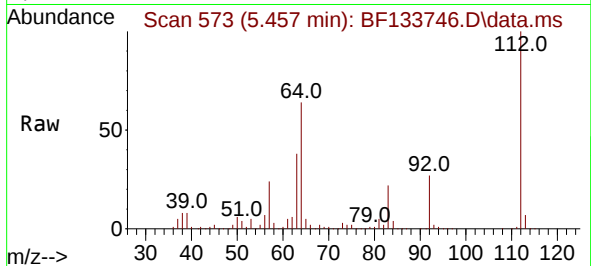




#5  
2-Fluorophenol  
Concen: 122.489 ng  
RT: 5.457 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

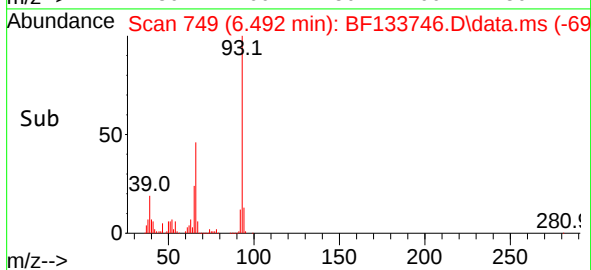
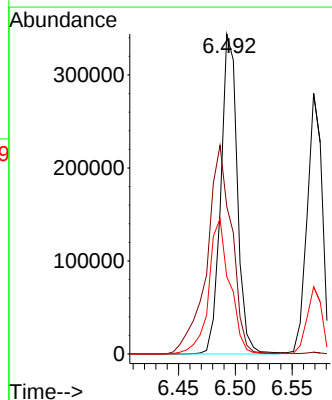
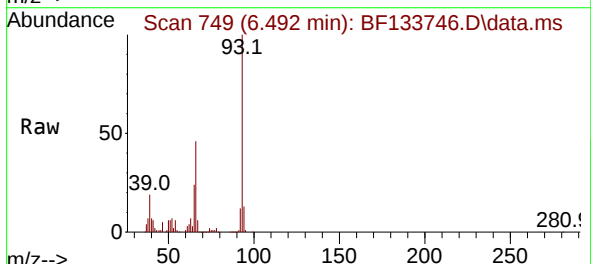
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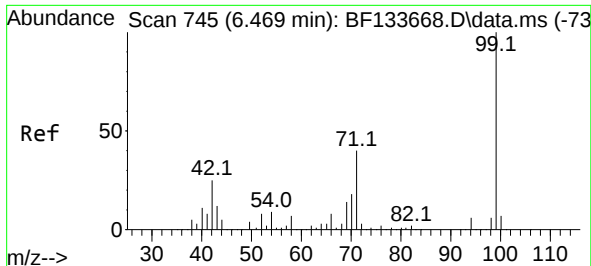
Tgt Ion:112 Resp: 738953  
Ion Ratio Lower Upper  
112 100  
64 64.3 49.0 73.4  
63 37.8 26.8 40.2



#6  
Aniline  
Concen: 35.306 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion: 93 Resp: 349194  
Ion Ratio Lower Upper  
93 100  
66 46.1 34.4 51.6  
65 24.1 17.5 26.3

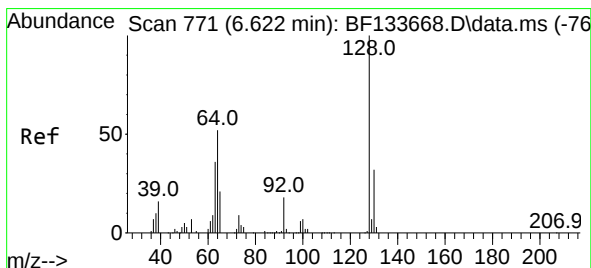
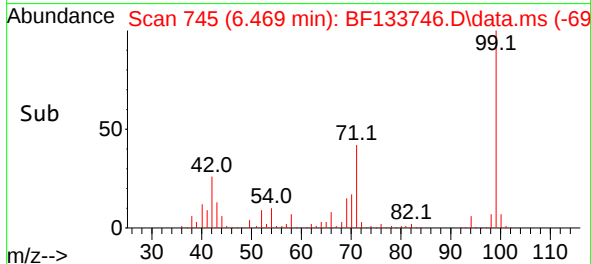
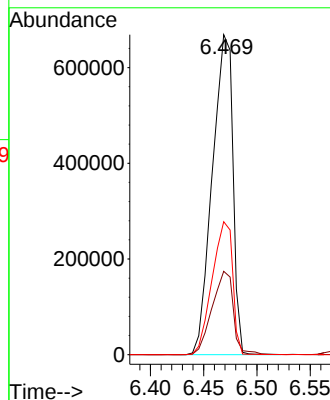
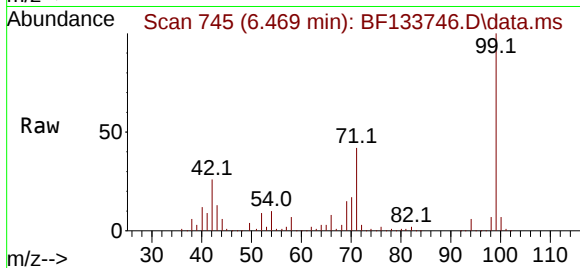




#7  
Phenol-d6  
Concen: 113.929 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

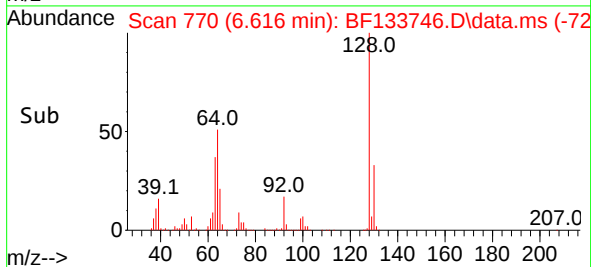
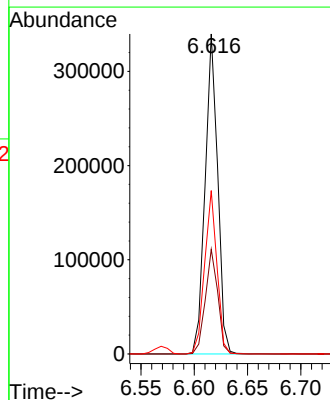
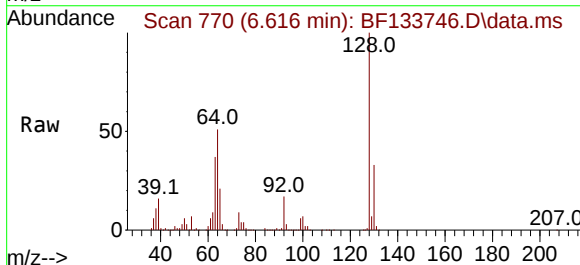
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ClientSampleId :  
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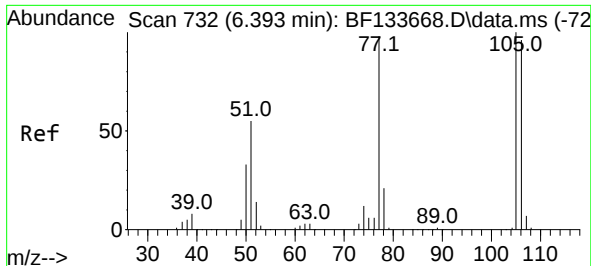
Tgt Ion: 99 Resp: 894650  
Ion Ratio Lower Upper  
99 100  
42 26.1 19.9 29.9  
71 41.5 32.2 48.4



#8  
2-Chlorophenol  
Concen: 43.919 ng  
RT: 6.616 min Scan# 770  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:128 Resp: 279223  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.3 52.3  
64 51.1 33.1 73.1

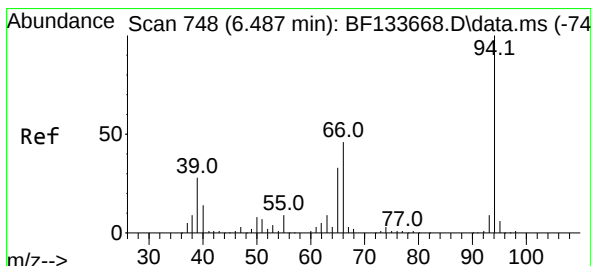
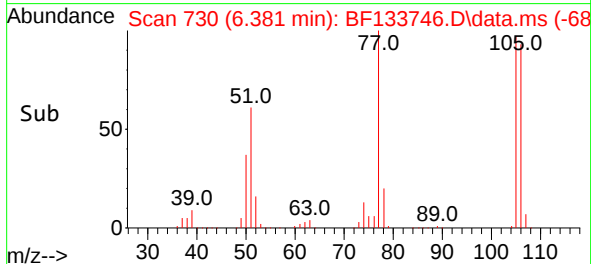
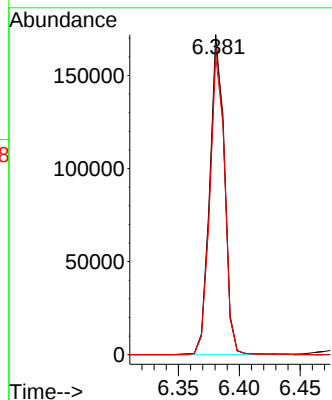
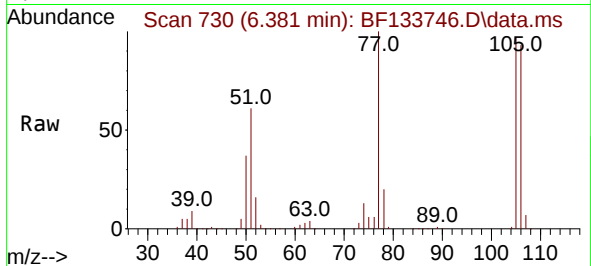




#9  
Benzaldehyde  
Concen: 27.604 ng  
RT: 6.381 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

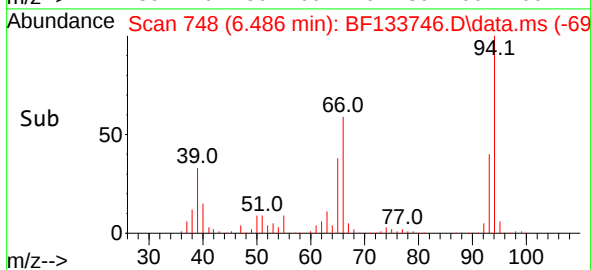
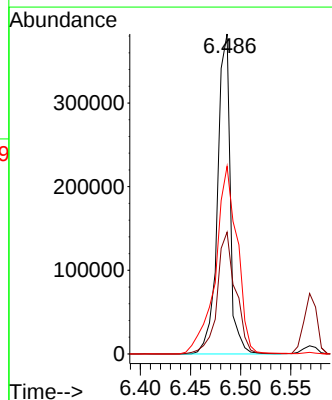
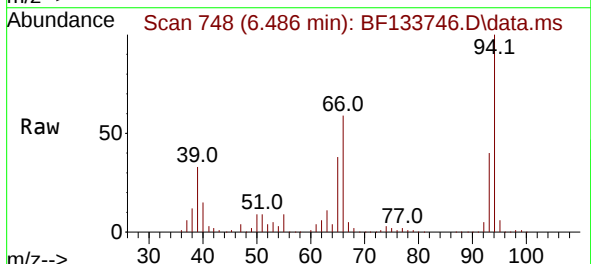
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

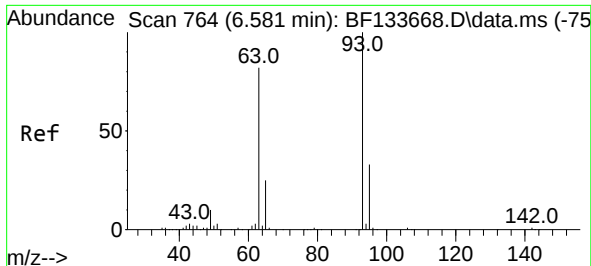
Tgt Ion: 77 Resp: 143815  
Ion Ratio Lower Upper  
77 100  
105 96.6 82.0 122.0  
106 93.2 77.6 117.6



#10  
Phenol  
Concen: 41.197 ng  
RT: 6.486 min Scan# 748  
Delta R.T. 0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion: 94 Resp: 337801  
Ion Ratio Lower Upper  
94 100  
65 38.0 13.2 53.2  
66 58.7 26.1 66.1

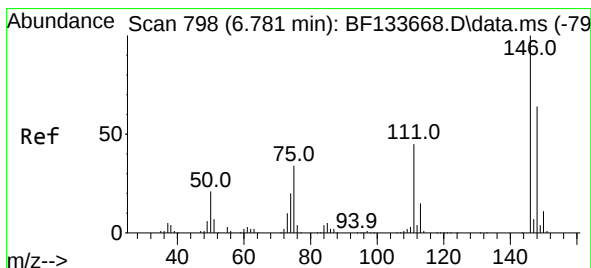
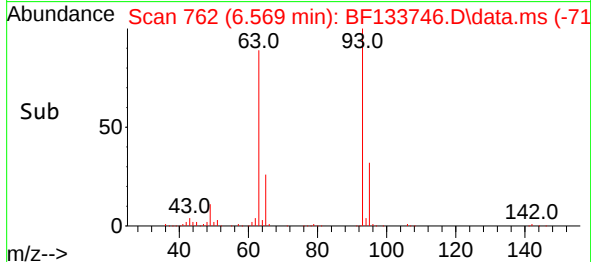
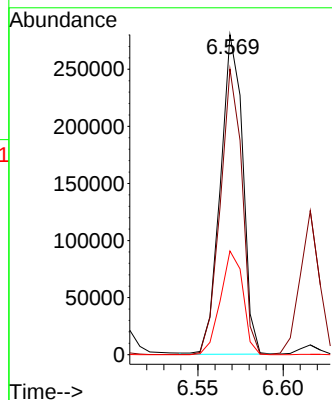
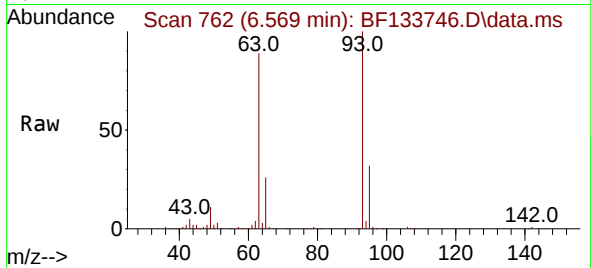




#11  
bis(2-Chloroethyl)ether  
Concen: 41.999 ng  
RT: 6.569 min Scan# 701  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

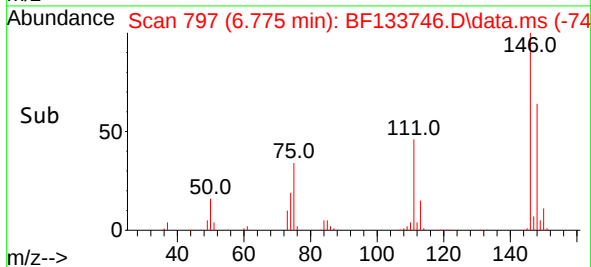
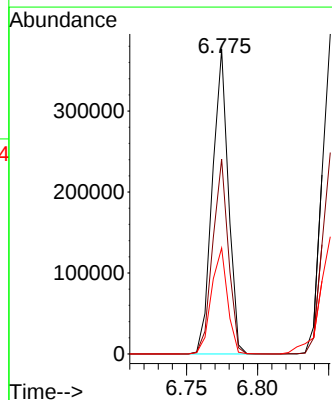
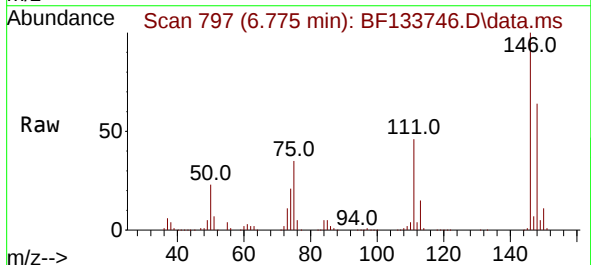
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

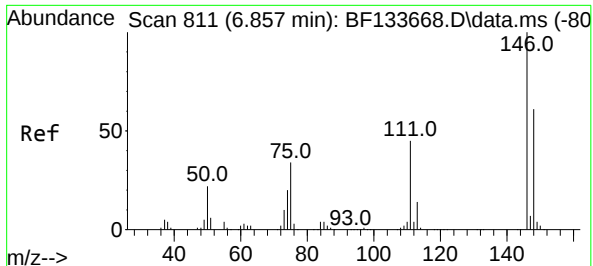
Tgt Ion: 93 Resp: 255668  
Ion Ratio Lower Upper  
93 100  
63 89.3 62.1 102.1  
95 32.4 13.0 53.0



#12  
1,3-Dichlorobenzene  
Concen: 43.443 ng  
RT: 6.775 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:146 Resp: 295096  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.9 76.3  
75 34.8 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 43.256 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

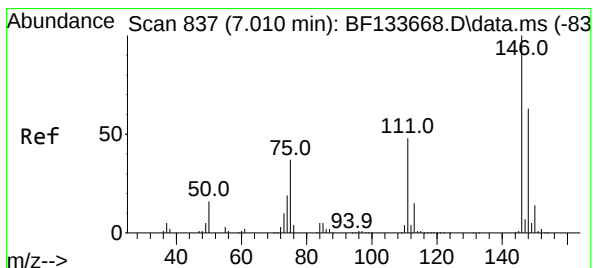
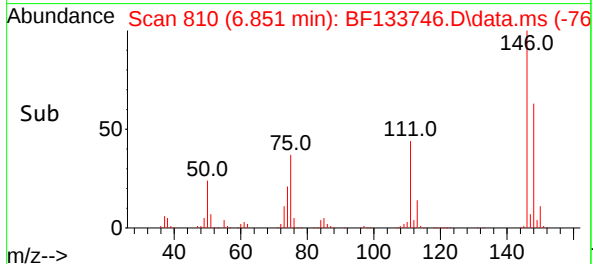
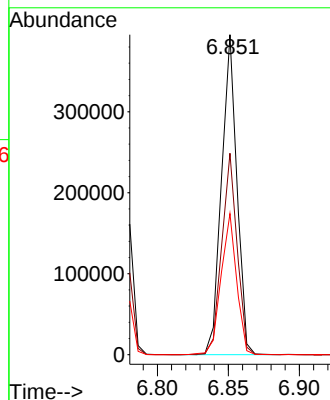
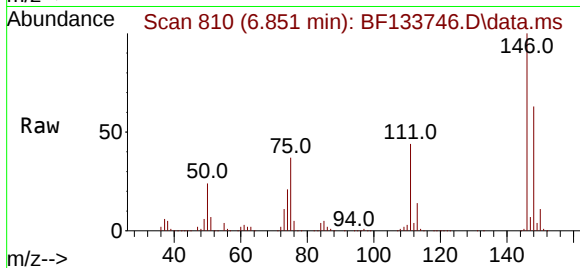
Tgt Ion:146 Resp: 296977

Ion Ratio Lower Upper

146 100

148 62.9 48.9 73.3

111 44.1 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 45.862 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

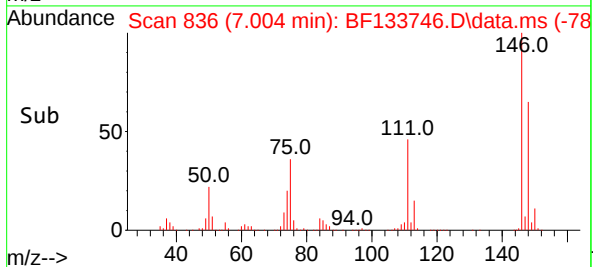
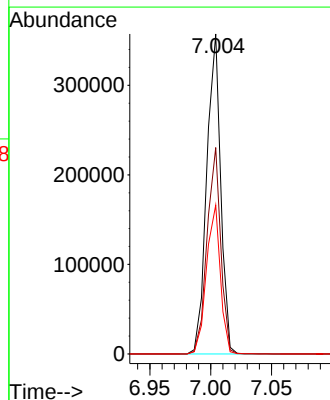
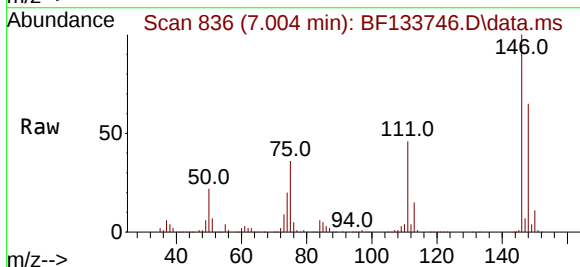
Tgt Ion:146 Resp: 284511

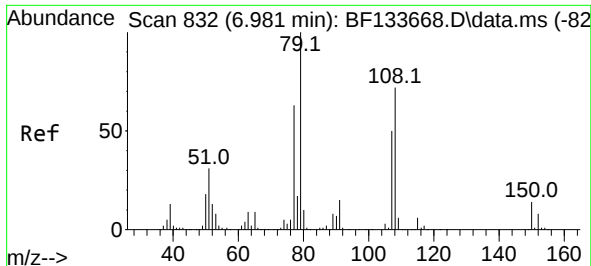
Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

111 46.5 38.7 58.1

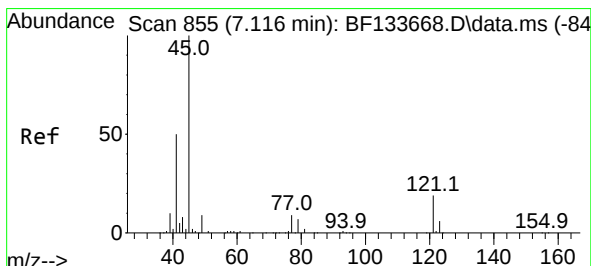
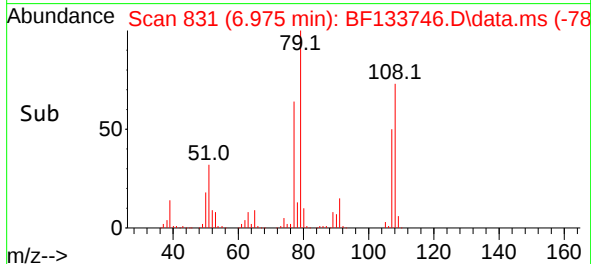
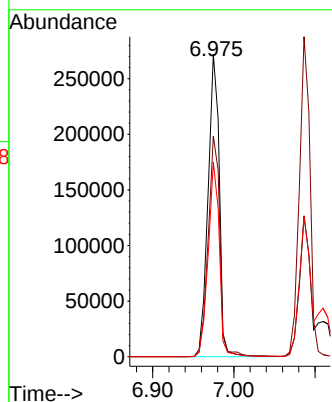
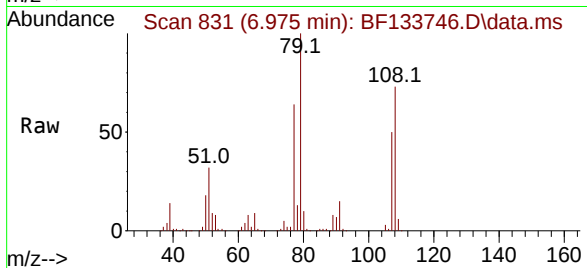




#15  
Benzyl Alcohol  
Concen: 42.492 ng  
RT: 6.975 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

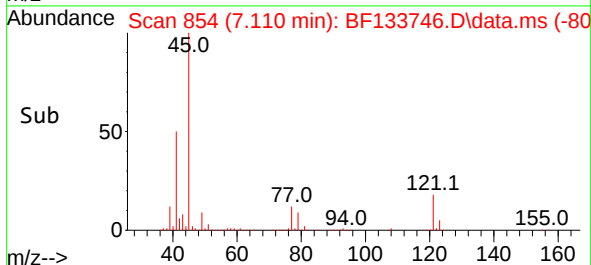
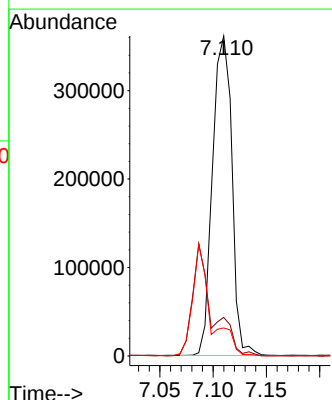
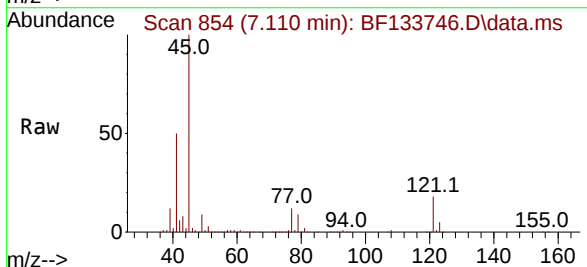
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

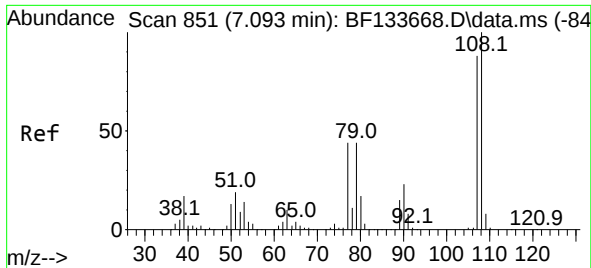
Tgt Ion: 79 Resp: 260611  
Ion Ratio Lower Upper  
79 100  
108 73.0 57.9 86.9  
77 64.4 50.4 75.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.070 ng  
RT: 7.110 min Scan# 854  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion: 45 Resp: 454765  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 32.3  
79 8.7 0.0 29.4

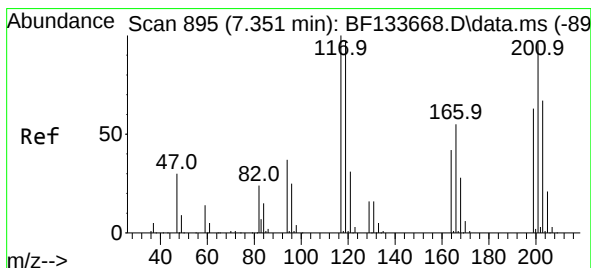
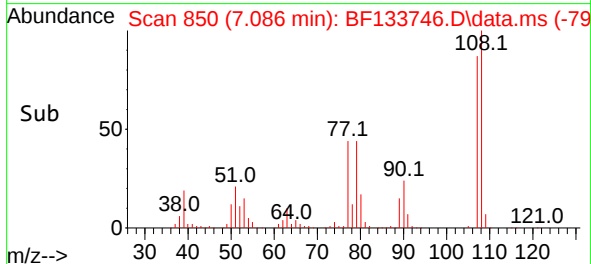
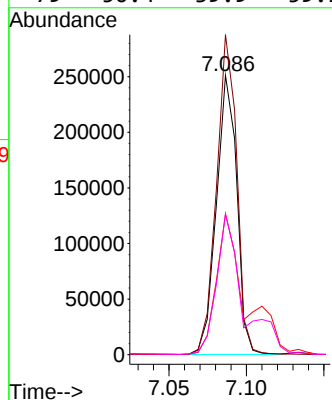
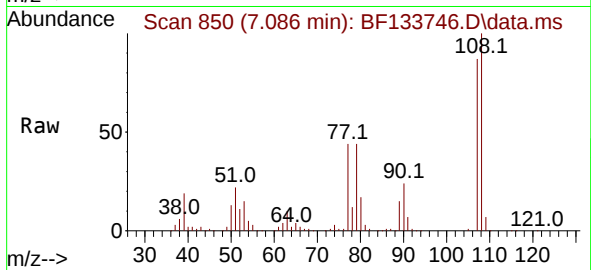




#17  
2-Methylphenol  
Concen: 40.832 ng  
RT: 7.086 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

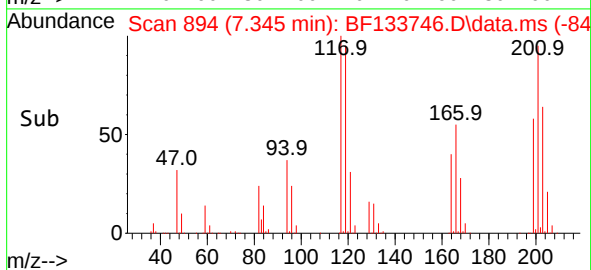
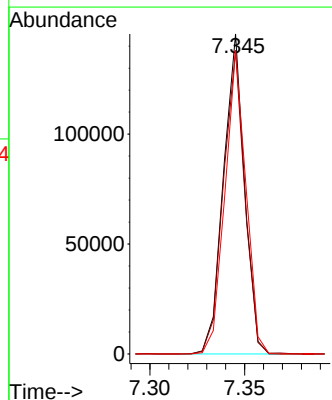
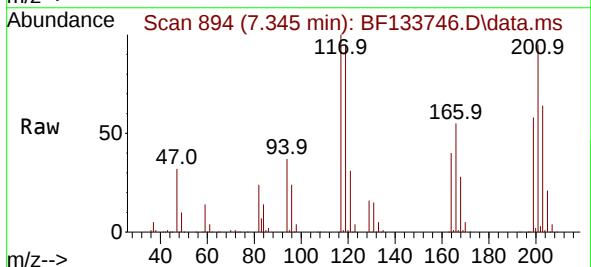
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

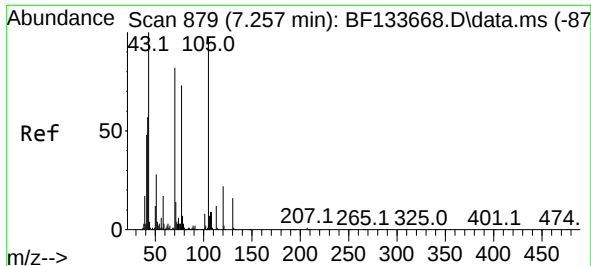
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 230090 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.6 | 90.9  | 136.3  |
| 77       | 50.5  | 39.8  | 59.6   |
| 79       | 50.4  | 39.9  | 59.9   |



#18  
Hexachloroethane  
Concen: 47.846 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 112457 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.9  | 77.3  | 115.9  |
| 201      | 94.9  | 76.8  | 115.2  |



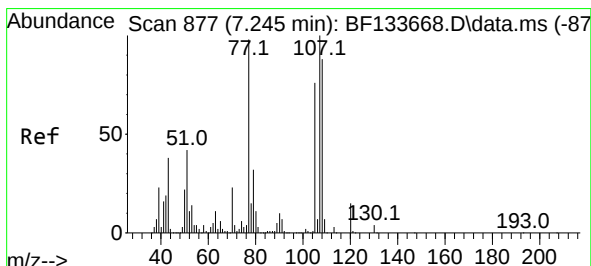
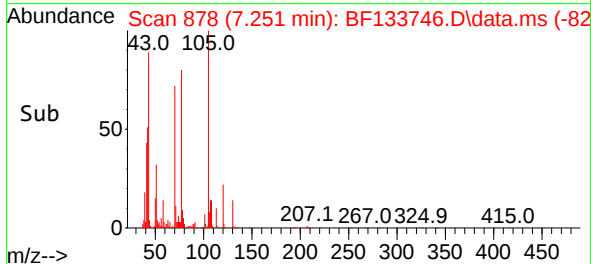
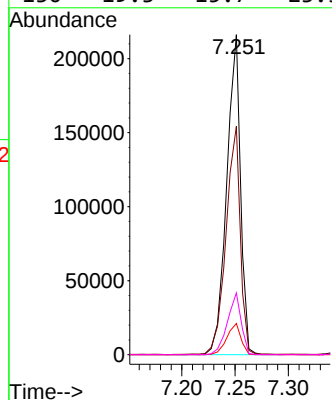
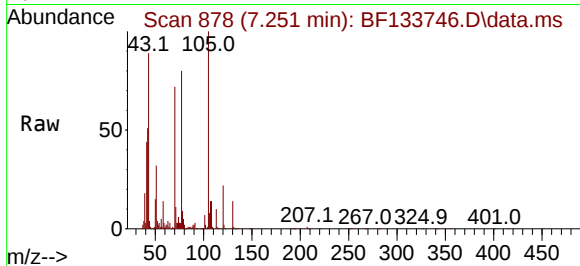


#19  
n-Nitroso-di-n-propylamine  
Concen: 39.030 ng  
RT: 7.251 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

Tgt Ion: 70 Resp: 195005

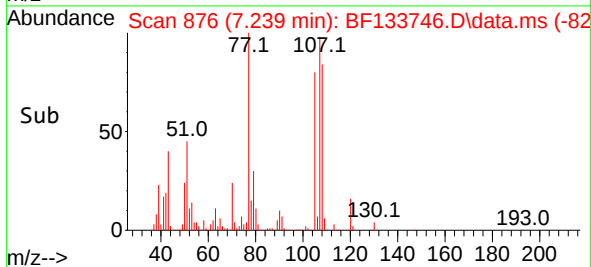
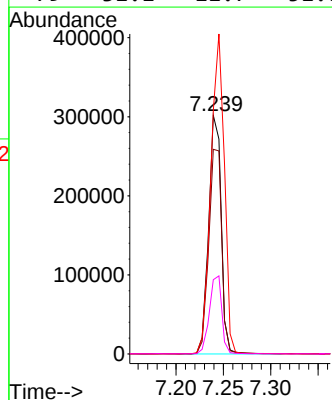
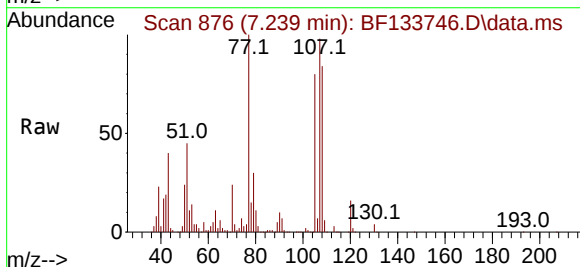
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 71.3  | 55.8  | 83.8  |
| 101 | 9.8   | 8.1   | 12.1  |
| 130 | 19.3  | 15.7  | 23.5  |

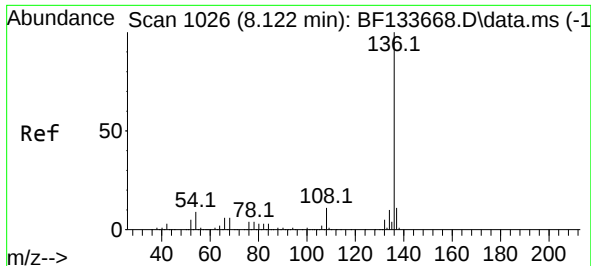


#20  
3+4-Methylphenols  
Concen: 37.727 ng  
RT: 7.239 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion: 107 Resp: 276562

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 85.8  | 67.9  | 107.9 |
| 77  | 102.0 | 77.7  | 117.7 |
| 79  | 31.1  | 11.7  | 51.7  |

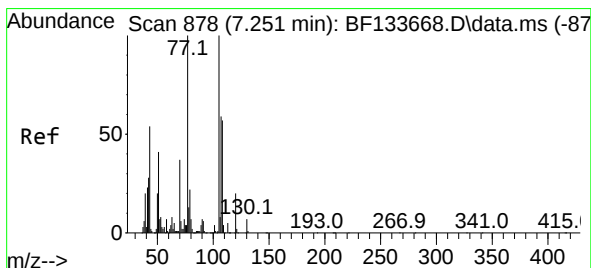
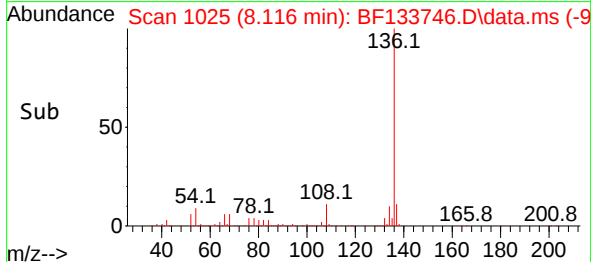
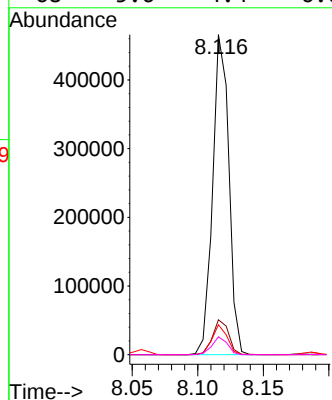
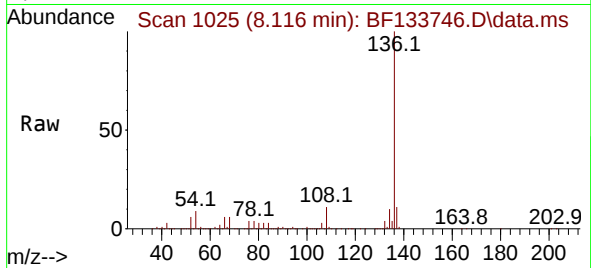




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

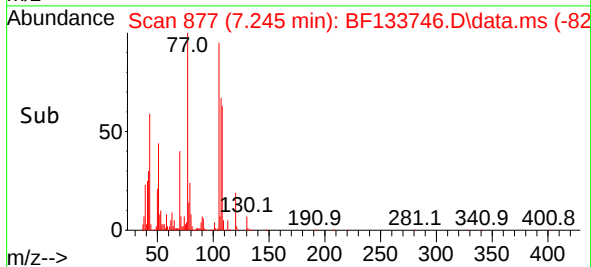
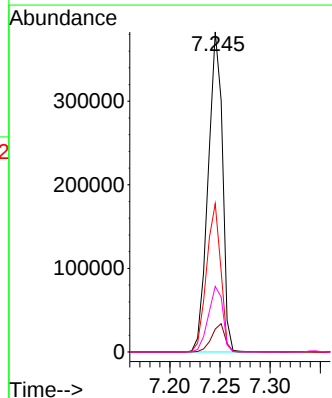
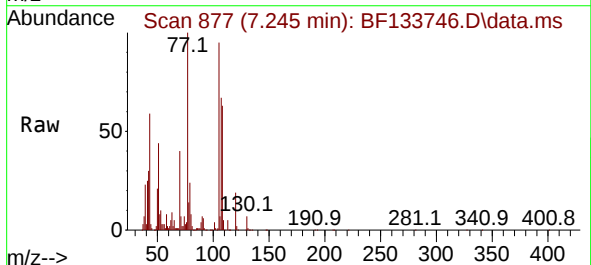
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

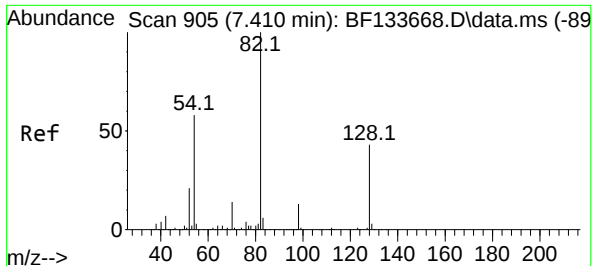
Tgt Ion:136 Resp: 400935  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 9.4 7.4 11.0  
68 5.6 4.4 6.6



#22  
Acetophenone  
Concen: 41.647 ng  
RT: 7.245 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:105 Resp: 382974  
Ion Ratio Lower Upper  
105 100  
71 7.2 4.8 7.2  
51 46.3 33.0 49.4  
120 20.5 16.2 24.4





#23

Nitrobenzene-d5

Concen: 83.250 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

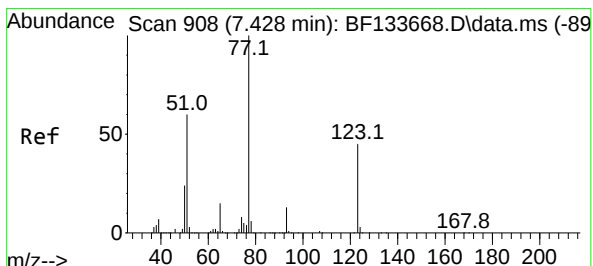
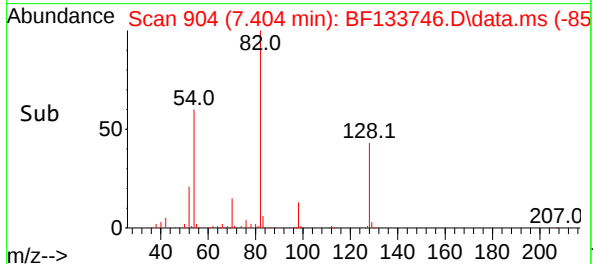
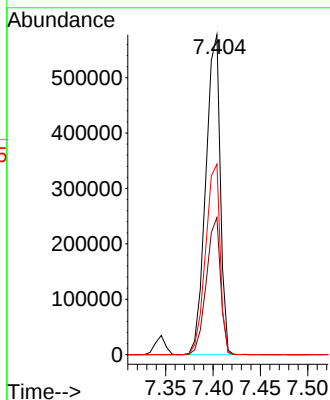
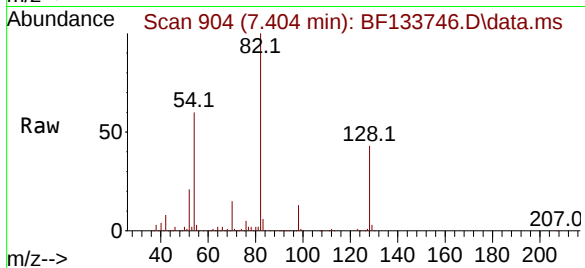
Tgt Ion: 82 Resp: 612808

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.2

54 59.5 46.5 69.7



#24

Nitrobenzene

Concen: 41.259 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

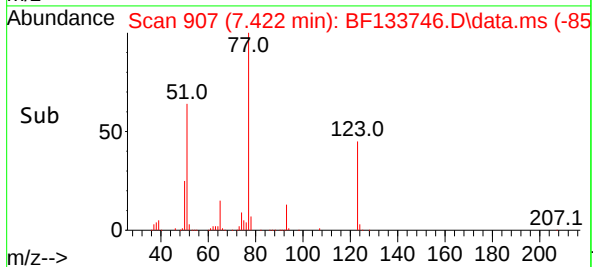
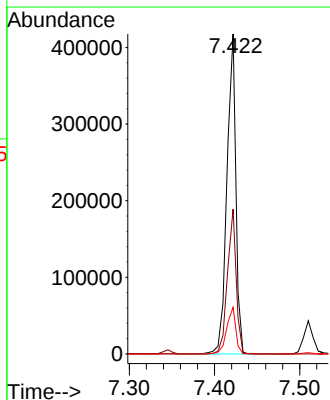
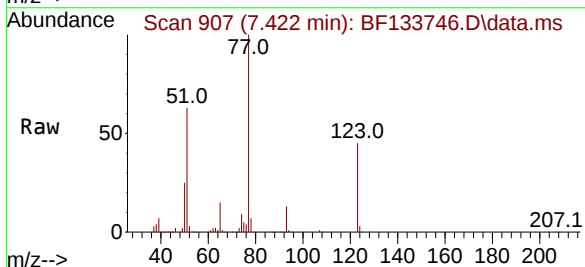
Tgt Ion: 77 Resp: 305816

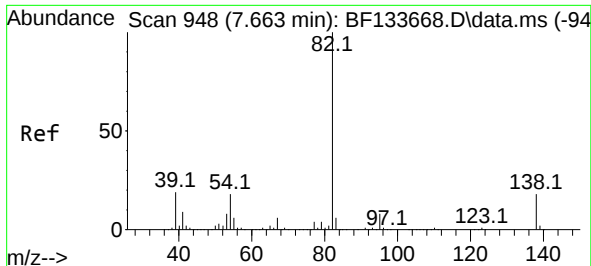
Ion Ratio Lower Upper

77 100

123 45.2 35.8 53.8

65 14.6 11.6 17.4

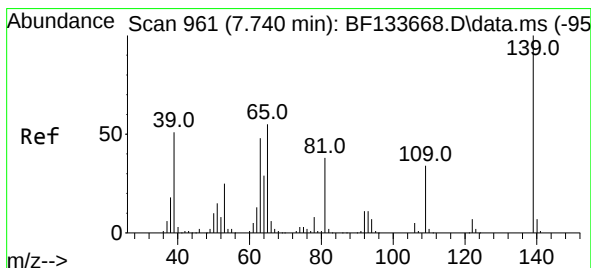
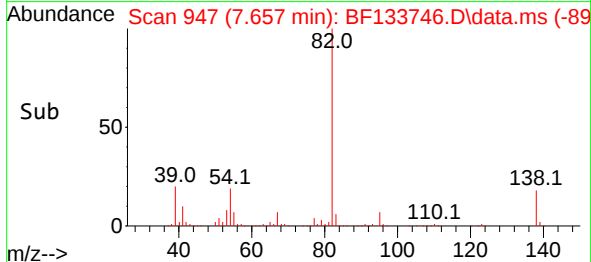
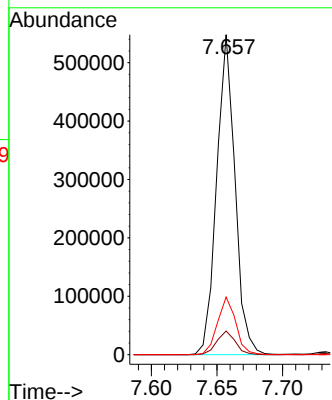
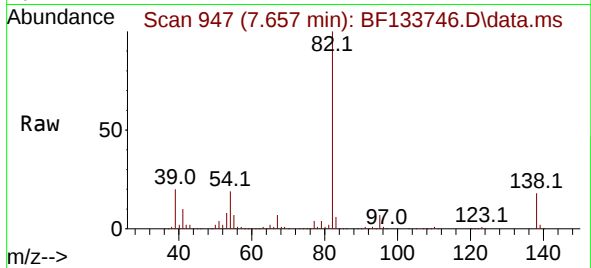




#25  
Isophorone  
Concen: 39.448 ng  
RT: 7.657 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

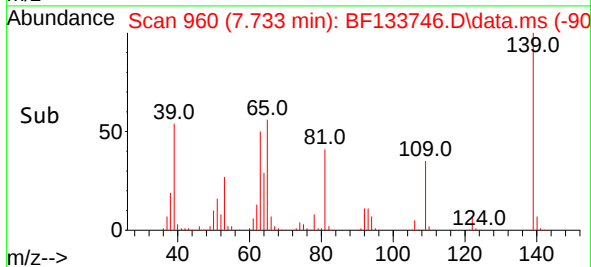
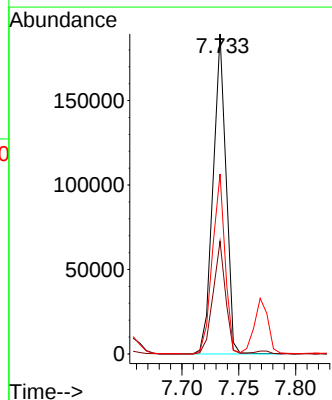
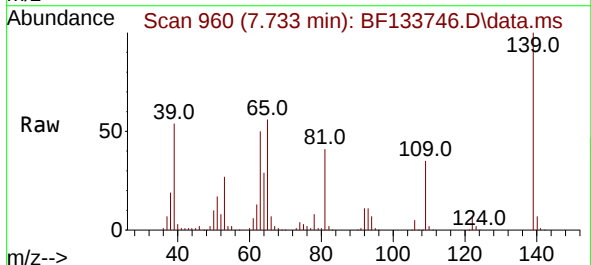
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

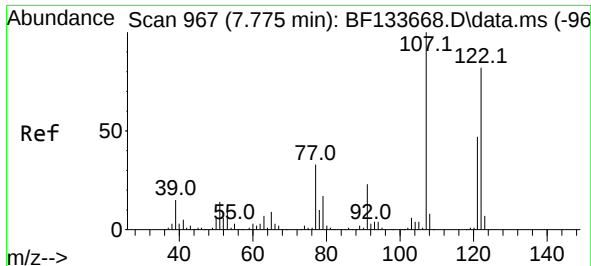
Tgt Ion: 82 Resp: 533105  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.0 9.0  
138 18.0 14.2 21.2



#26  
2-Nitrophenol  
Concen: 45.177 ng  
RT: 7.733 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:139 Resp: 150282  
Ion Ratio Lower Upper  
139 100  
109 35.2 27.0 40.6  
65 56.2 44.2 66.4

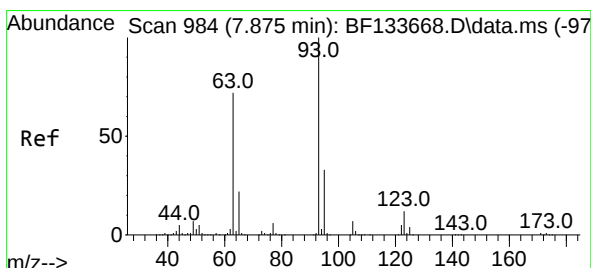
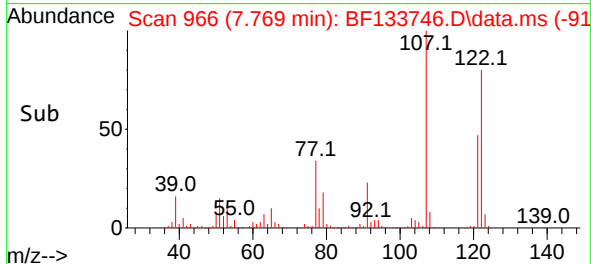
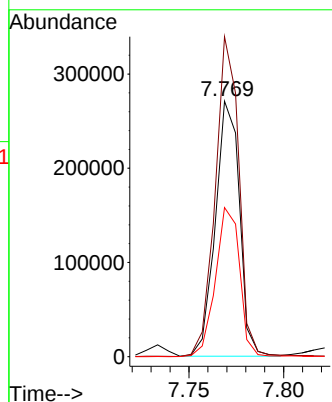
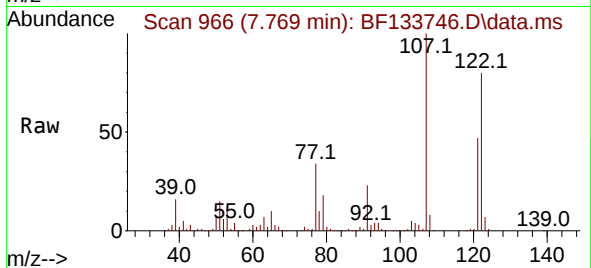




#27  
2,4-Dimethylphenol  
Concen: 41.772 ng  
RT: 7.769 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

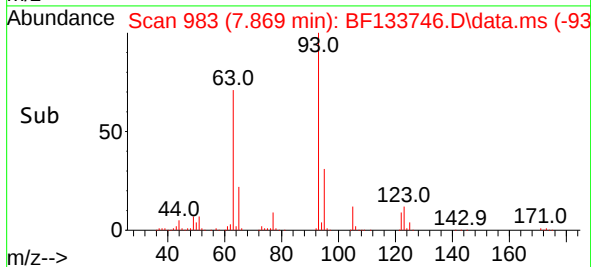
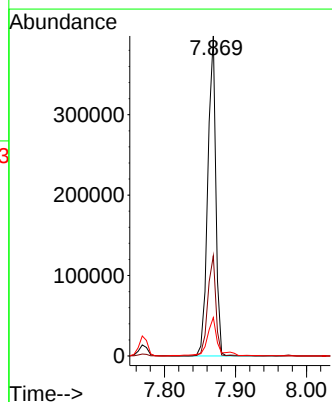
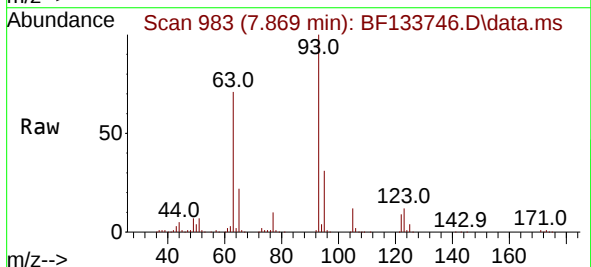
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

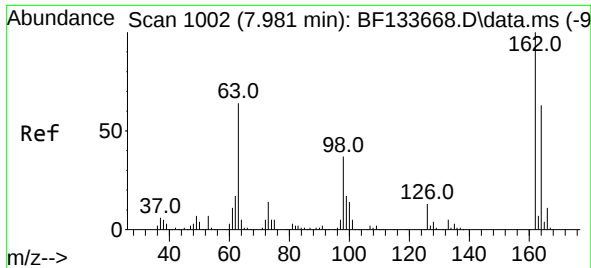
Tgt Ion:122 Resp: 239502  
Ion Ratio Lower Upper  
122 100  
107 125.3 97.8 146.6  
121 58.4 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.987 ng  
RT: 7.869 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion: 93 Resp: 312322  
Ion Ratio Lower Upper  
93 100  
95 31.3 26.4 39.6  
123 12.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.764 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

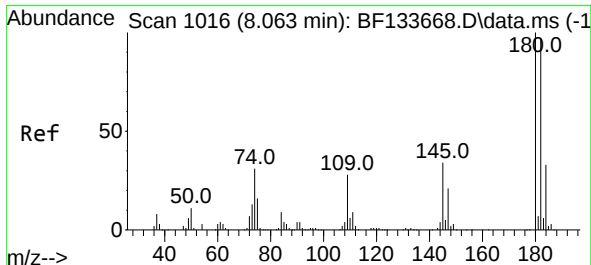
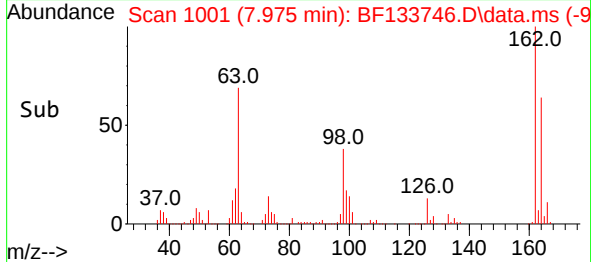
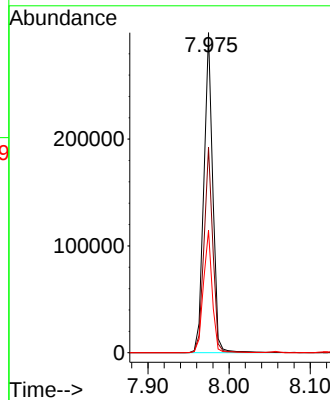
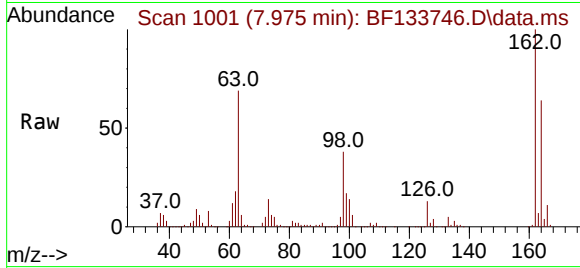
Tgt Ion:162 Resp: 229068

Ion Ratio Lower Upper

162 100

164 64.2 43.4 83.4

98 38.2 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 41.503 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

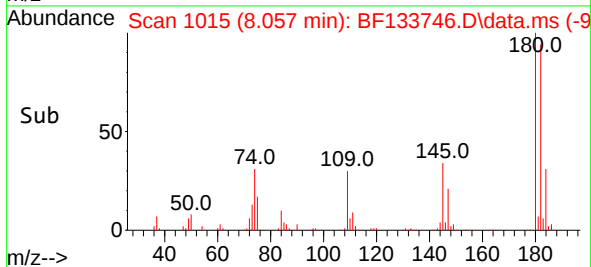
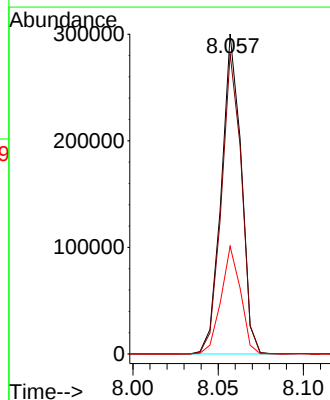
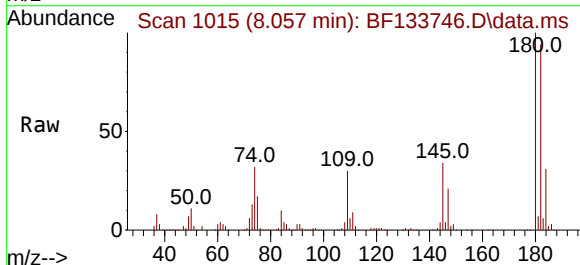
Tgt Ion:180 Resp: 243322

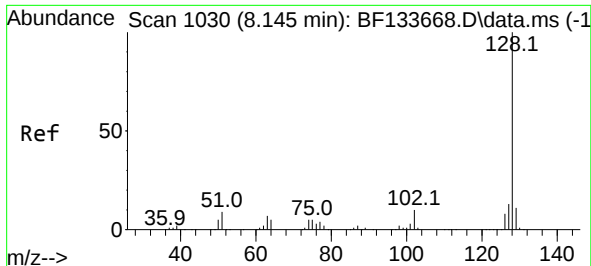
Ion Ratio Lower Upper

180 100

182 93.8 77.8 116.8

145 33.6 27.0 40.4

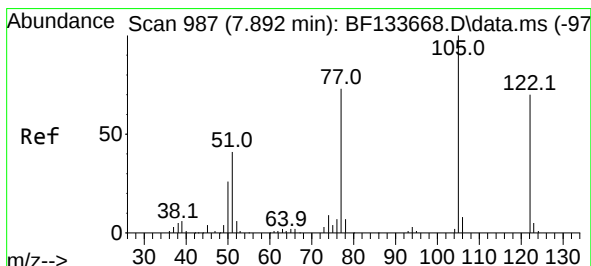
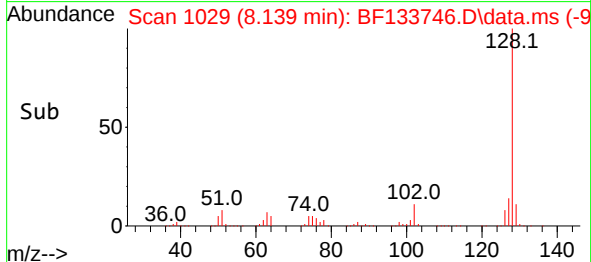
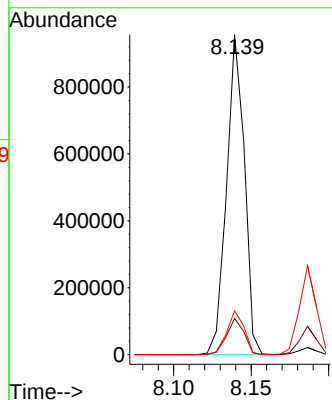
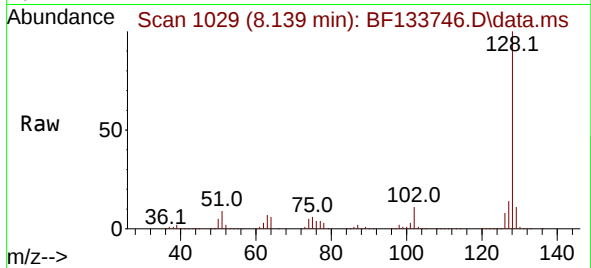




#31  
Naphthalene  
Concen: 39.269 ng  
RT: 8.139 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

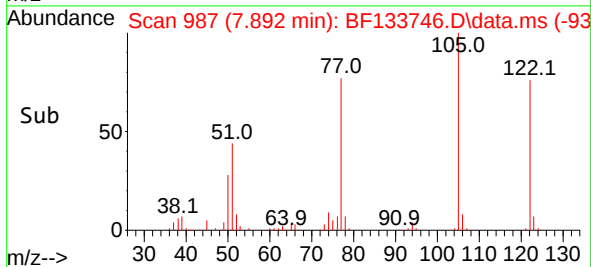
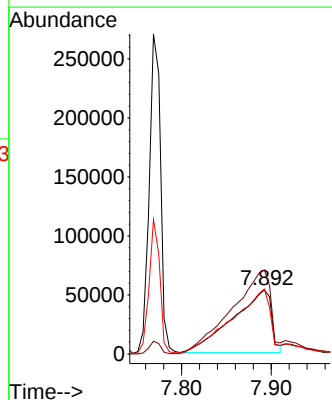
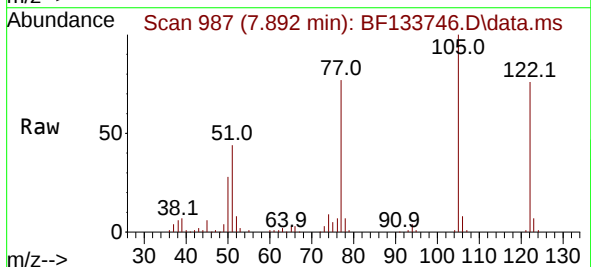
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

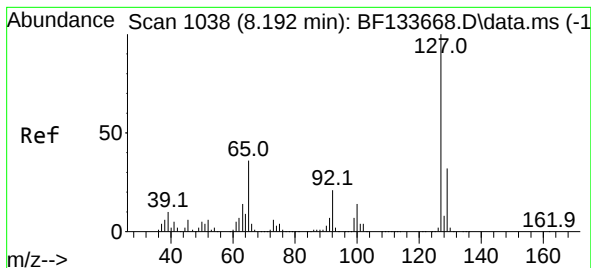
Tgt Ion:128 Resp: 767068  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.9 13.3  
127 13.7 10.5 15.7



#32  
Benzoic acid  
Concen: 44.130 ng  
RT: 7.892 min Scan# 987  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:122 Resp: 159575  
Ion Ratio Lower Upper  
122 100  
105 131.5 116.3 156.3  
77 101.4 82.4 122.4





#33

4-Chloroaniline

Concen: 24.830 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

Tgt Ion:127 Resp: 207388

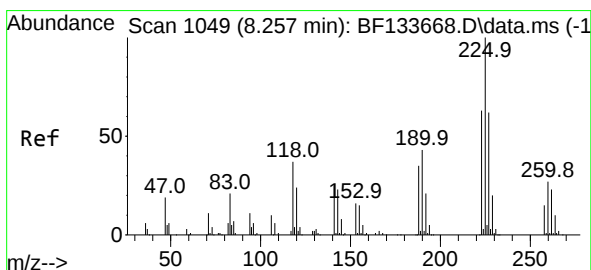
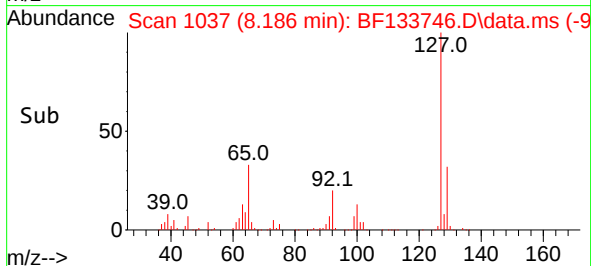
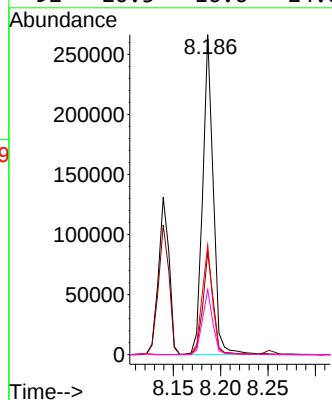
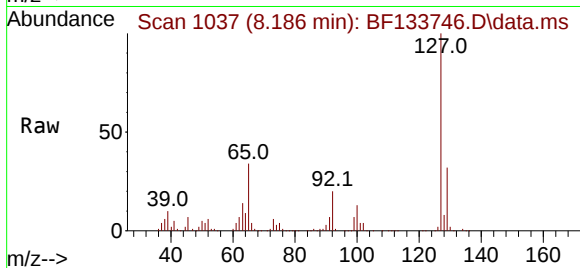
Ion Ratio Lower Upper

127 100

129 32.0 25.6 38.4

65 34.2 28.9 43.3

92 20.3 16.6 24.8



#34

Hexachlorobutadiene

Concen: 39.894 ng

RT: 8.251 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

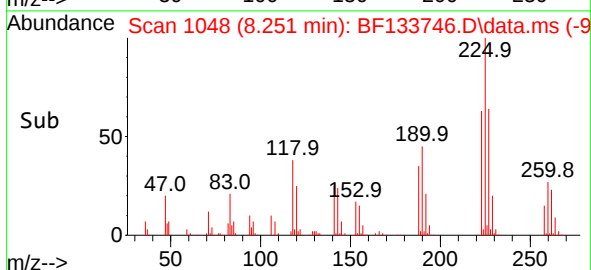
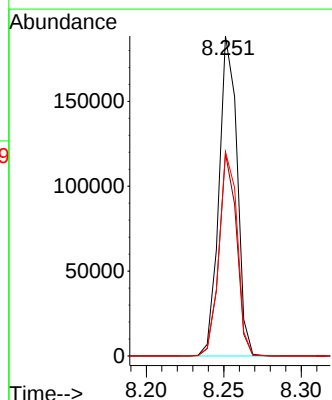
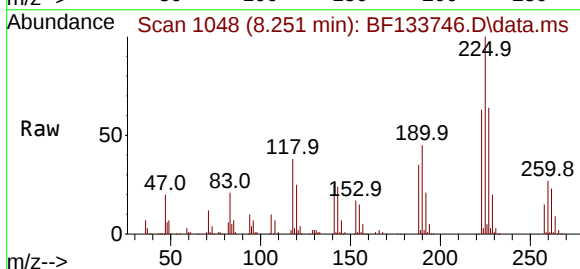
Tgt Ion:225 Resp: 153136

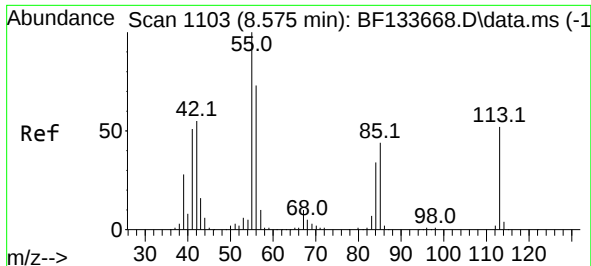
Ion Ratio Lower Upper

225 100

223 63.3 50.2 75.4

227 63.8 49.5 74.3

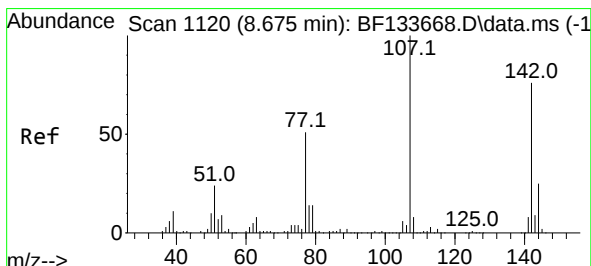
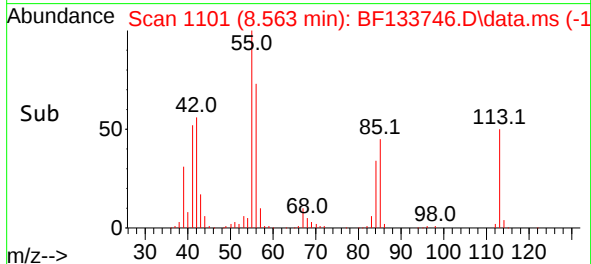
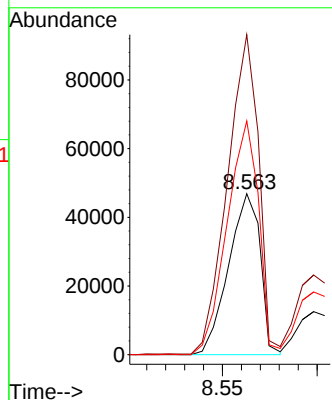
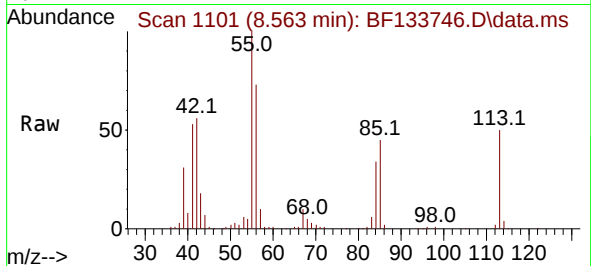




#35  
 Caprolactam  
 Concen: 28.700 ng  
 RT: 8.563 min Scan# 1119  
 Delta R.T. -0.006 min  
 Lab File: BF133746.D  
 Acq: 14 Jun 2023 11:33

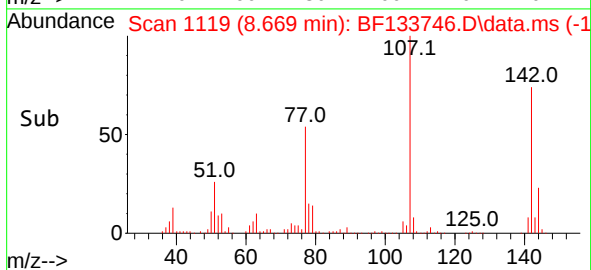
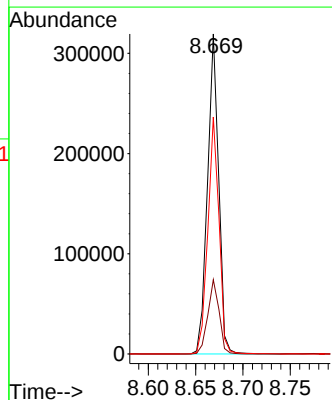
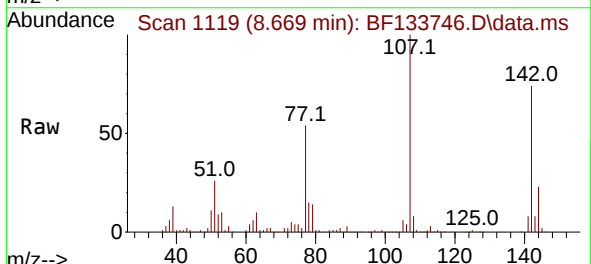
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153266BS

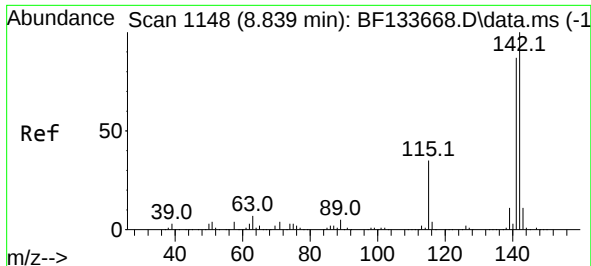
Tgt Ion:113 Resp: 54267  
 Ion Ratio Lower Upper  
 113 100  
 55 198.9 173.3 213.3  
 56 145.3 120.5 160.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.313 ng  
 RT: 8.669 min Scan# 1119  
 Delta R.T. -0.000 min  
 Lab File: BF133746.D  
 Acq: 14 Jun 2023 11:33

Tgt Ion:107 Resp: 261115  
 Ion Ratio Lower Upper  
 107 100  
 144 23.2 19.7 29.5  
 142 74.1 61.1 91.7

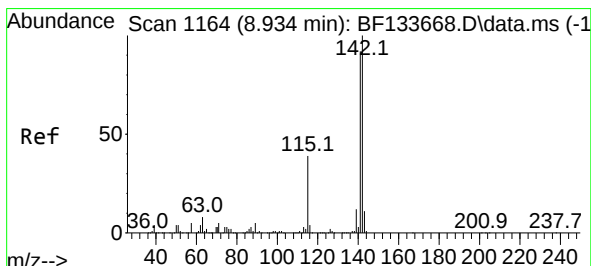
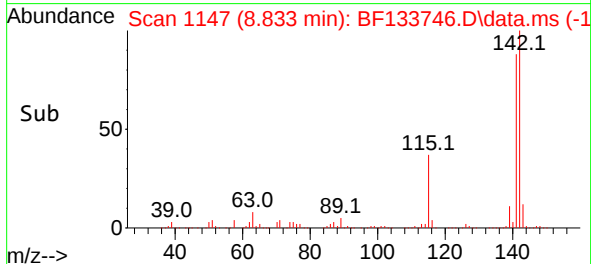
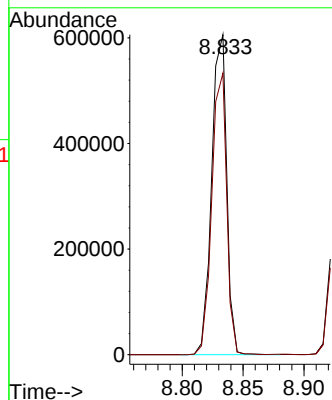
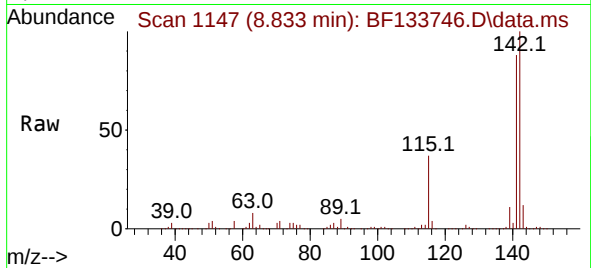




#37  
2-Methylnaphthalene  
Concen: 38.248 ng  
RT: 8.833 min Scan# 1148  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

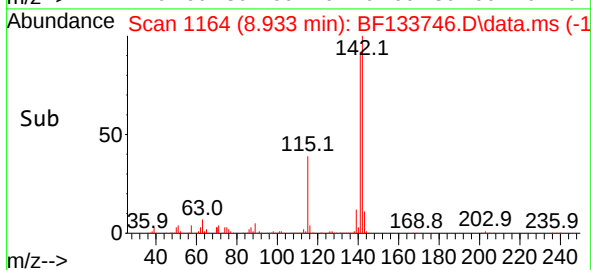
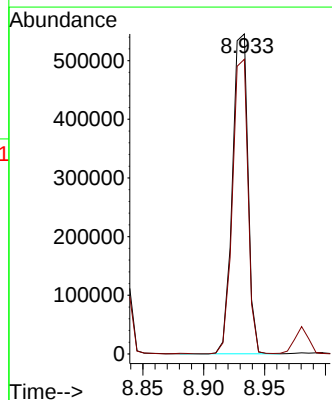
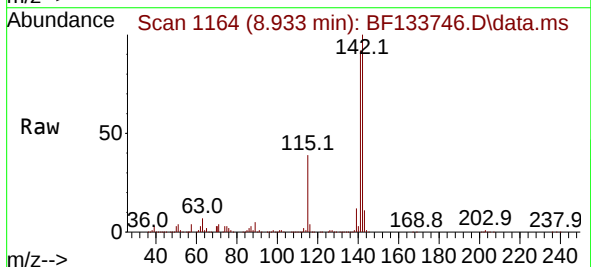
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

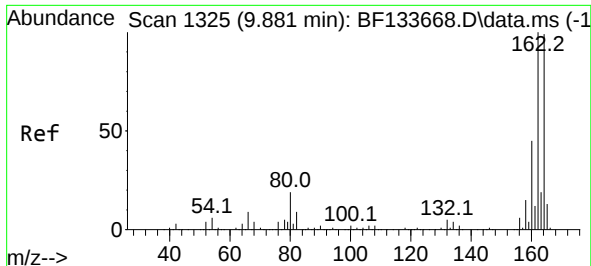
Tgt Ion:142 Resp: 519106  
Ion Ratio Lower Upper  
142 100  
141 87.9 69.8 104.8



#38  
1-Methylnaphthalene  
Concen: 38.983 ng  
RT: 8.933 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:142 Resp: 486859  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

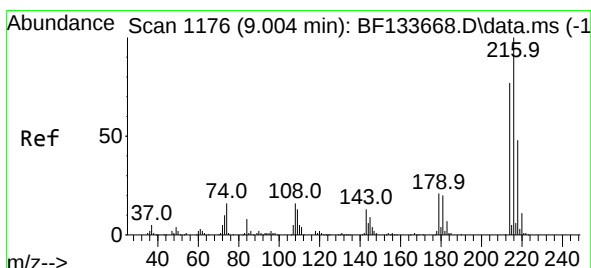
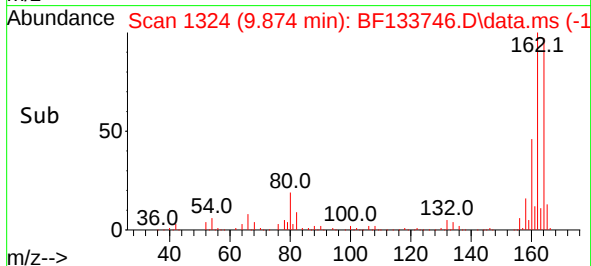
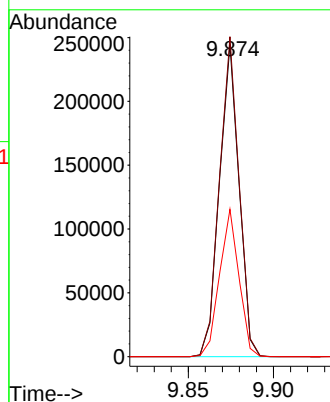
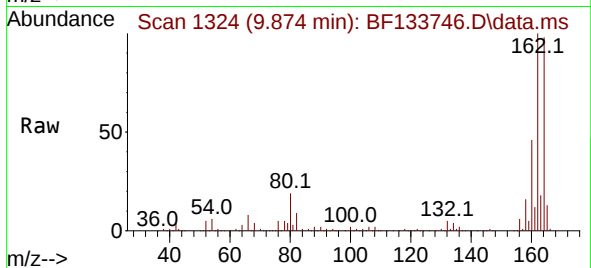
Tgt Ion:164 Resp: 195788

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

160 47.2 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.853 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Tgt Ion:216 Resp: 243162

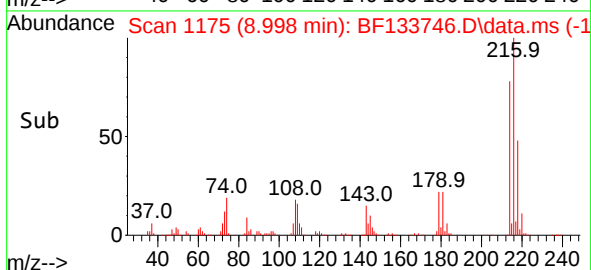
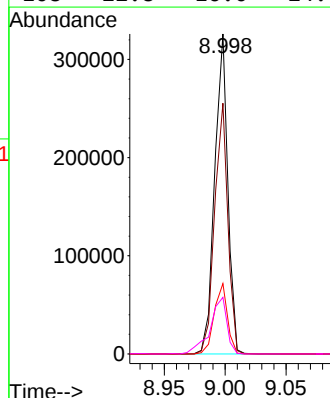
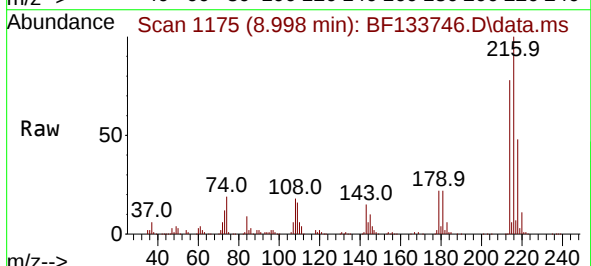
Ion Ratio Lower Upper

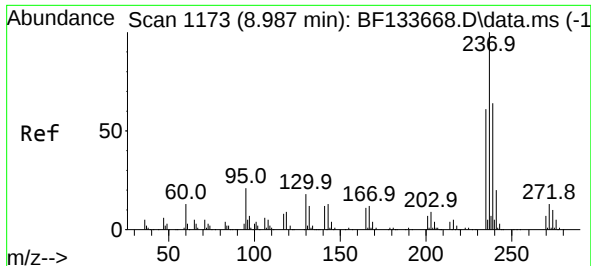
216 100

214 79.1 62.7 94.1

179 22.2 17.6 26.4

108 22.8 16.0 24.0

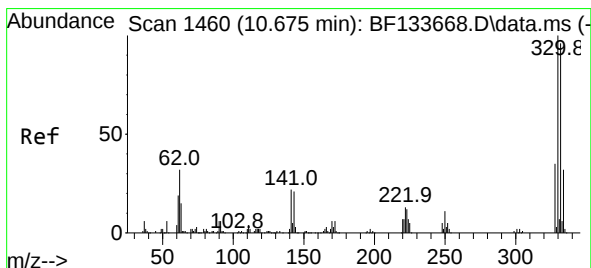
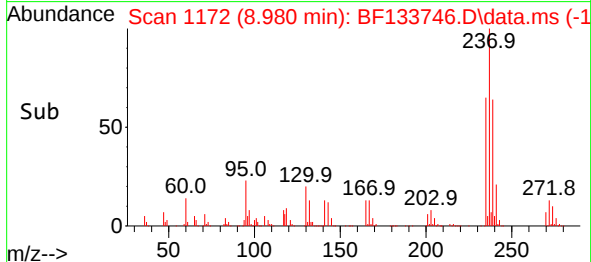
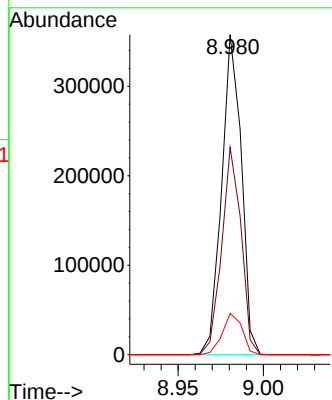
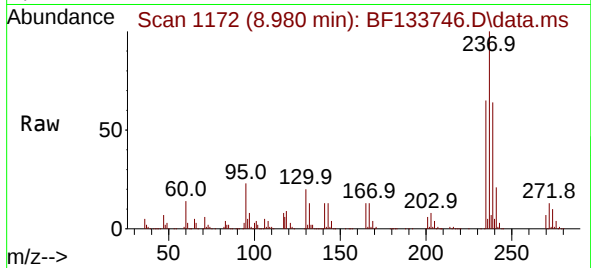




#41  
Hexachlorocyclopentadiene  
Concen: 108.484 ng  
RT: 8.980 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

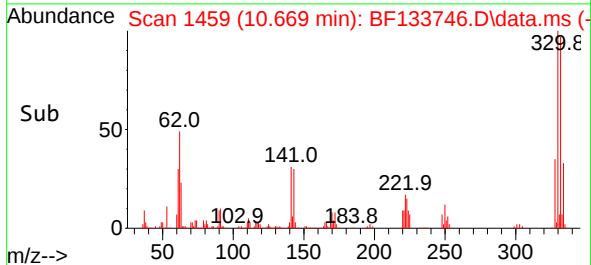
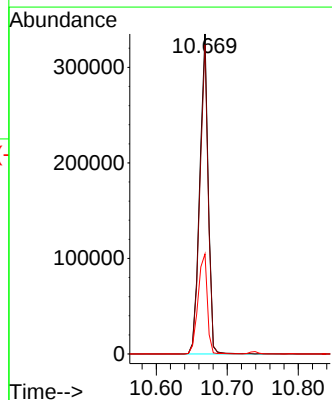
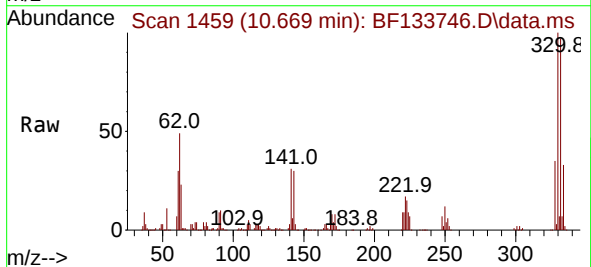
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

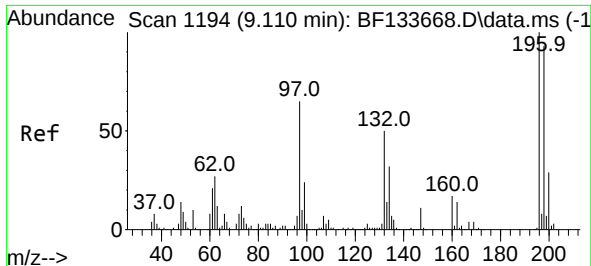
Tgt Ion:237 Resp: 287749  
Ion Ratio Lower Upper  
237 100  
235 64.8 40.6 80.6  
272 12.9 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 112.546 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:330 Resp: 278927  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.2 115.8  
141 34.1 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 41.685 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

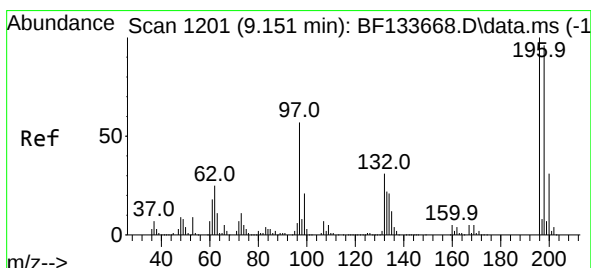
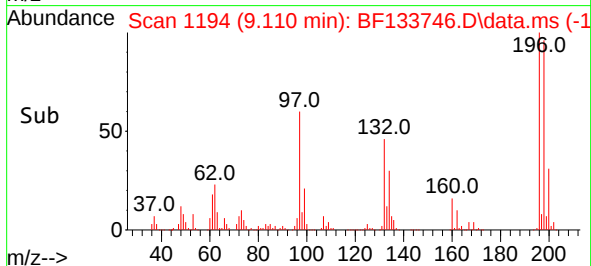
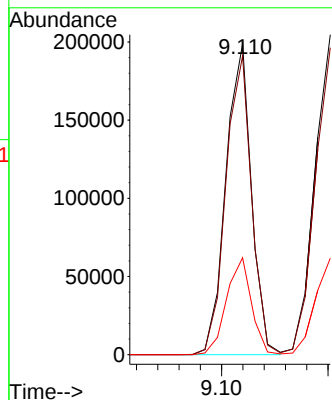
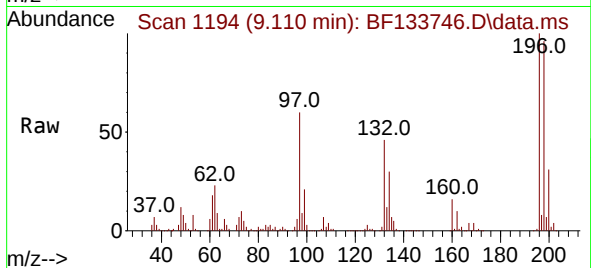
Tgt Ion:196 Resp: 165800

Ion Ratio Lower Upper

196 100

198 96.1 74.5 111.7

200 31.2 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 38.628 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Tgt Ion:196 Resp: 178744

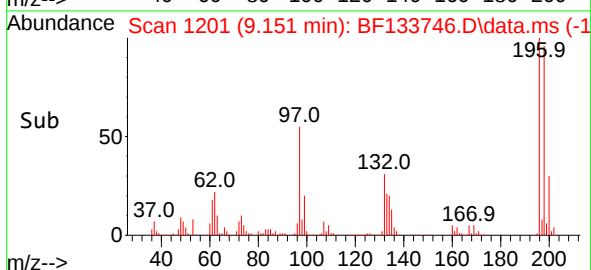
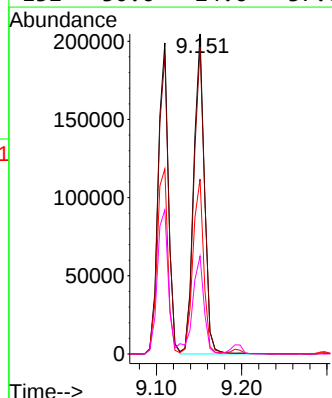
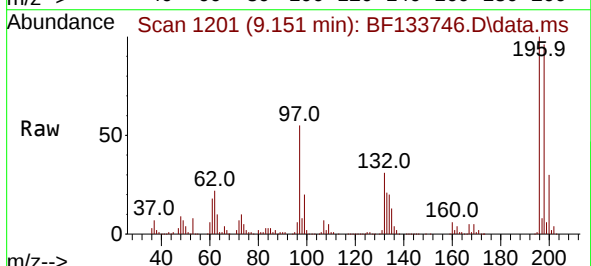
Ion Ratio Lower Upper

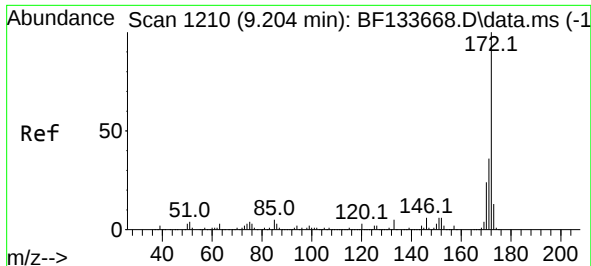
196 100

198 96.0 76.8 115.2

97 54.7 45.4 68.2

132 30.6 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 80.370 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

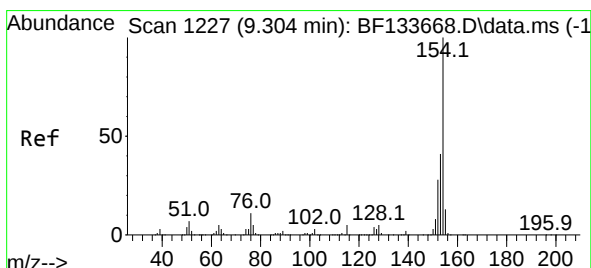
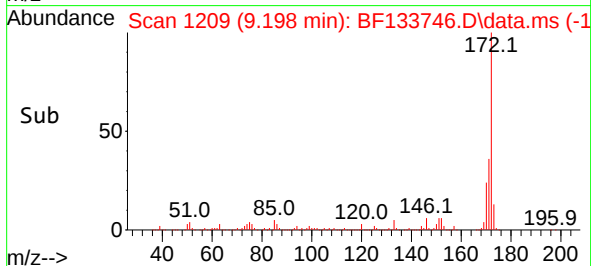
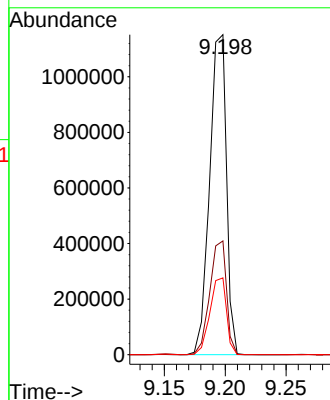
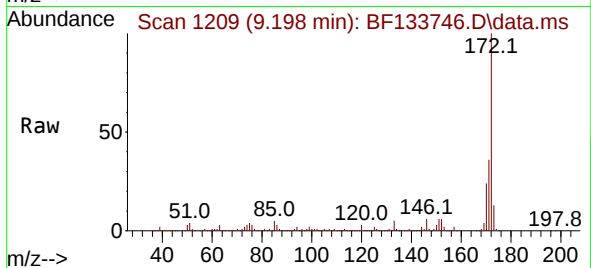
Tgt Ion:172 Resp: 1106946

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.391 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

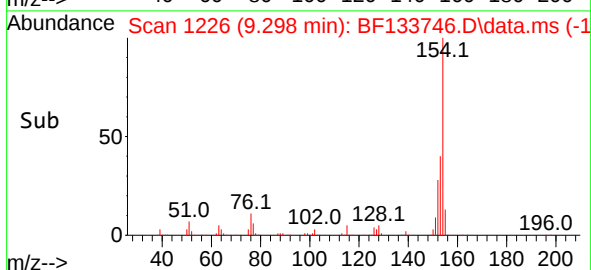
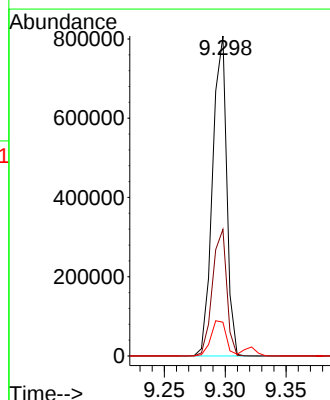
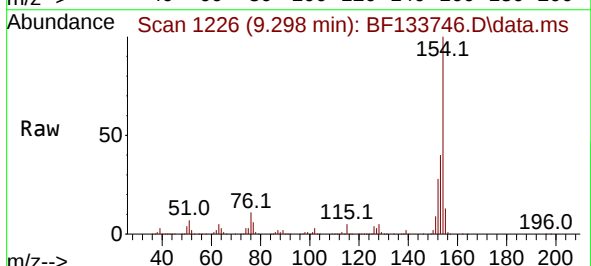
Tgt Ion:154 Resp: 653594

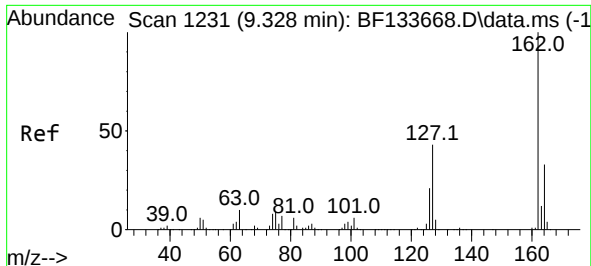
Ion Ratio Lower Upper

154 100

153 39.5 20.6 60.6

76 10.6 0.0 31.0

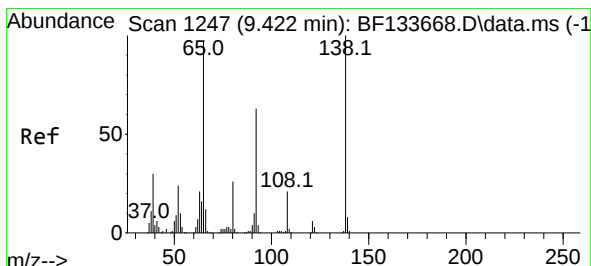
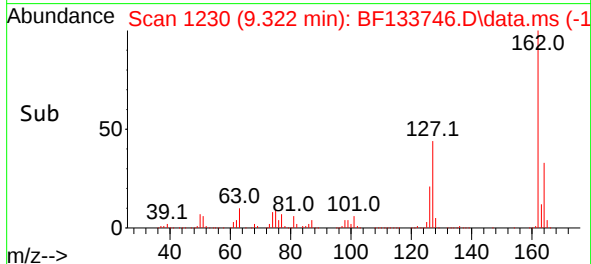
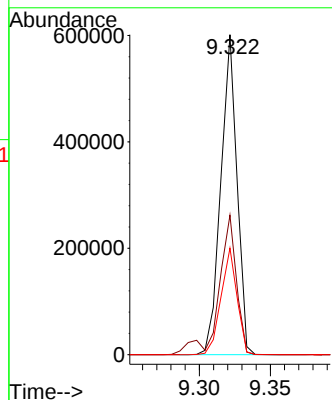
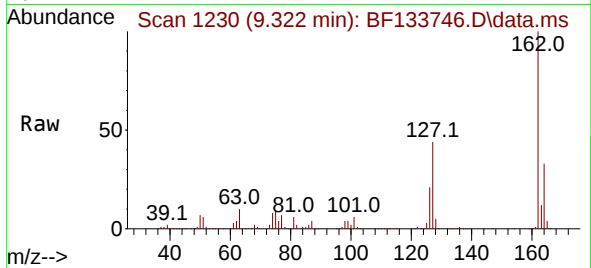




#47  
2-Chloronaphthalene  
Concen: 41.974 ng  
RT: 9.322 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

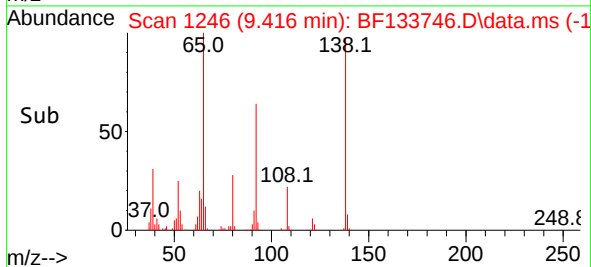
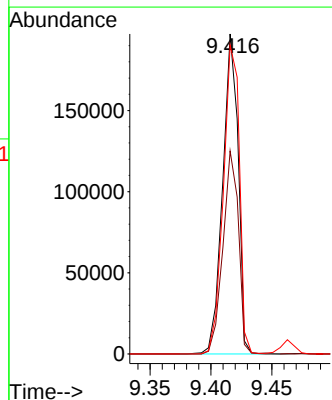
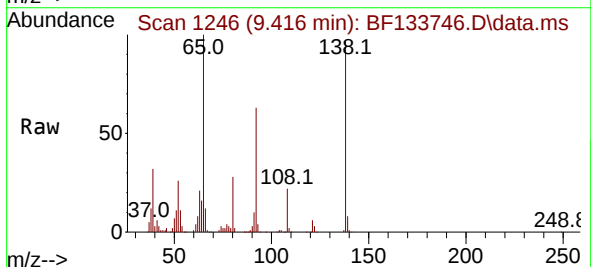
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

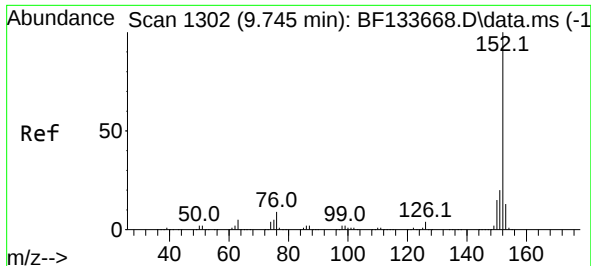
Tgt Ion:162 Resp: 475432  
Ion Ratio Lower Upper  
162 100  
127 43.6 34.6 52.0  
164 33.3 26.4 39.6



#48  
2-Nitroaniline  
Concen: 42.058 ng  
RT: 9.416 min Scan# 1246  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion: 65 Resp: 174225  
Ion Ratio Lower Upper  
65 100  
92 63.5 51.8 77.6  
138 96.6 82.1 123.1





#49

Acenaphthylene

Concen: 40.592 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

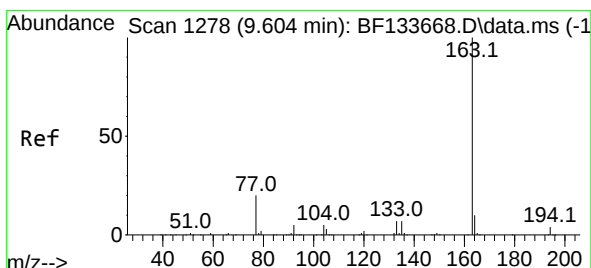
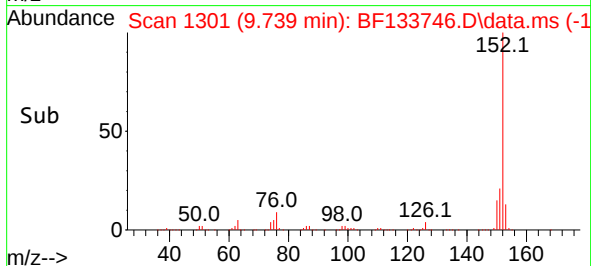
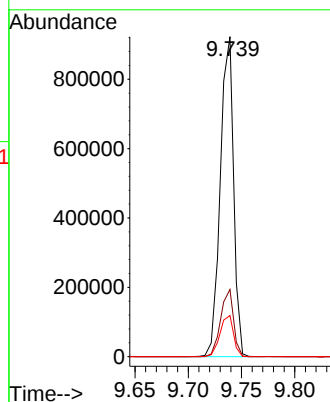
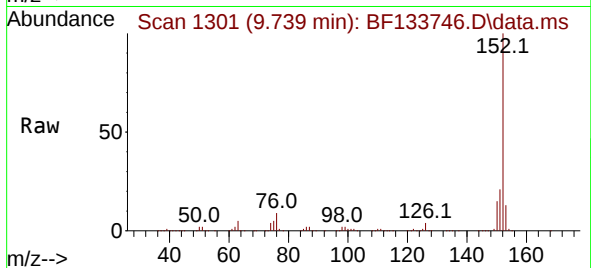
Tgt Ion:152 Resp: 800257

Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.4

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 38.415 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

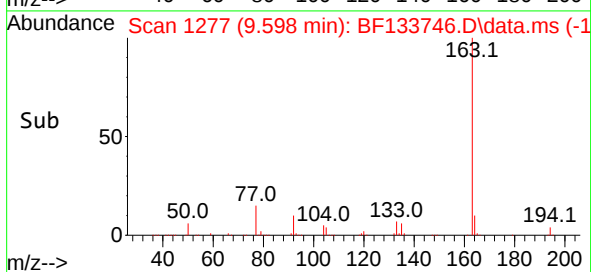
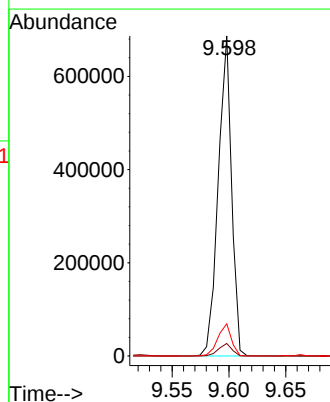
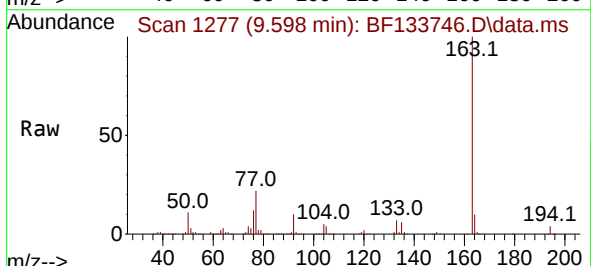
Tgt Ion:163 Resp: 561397

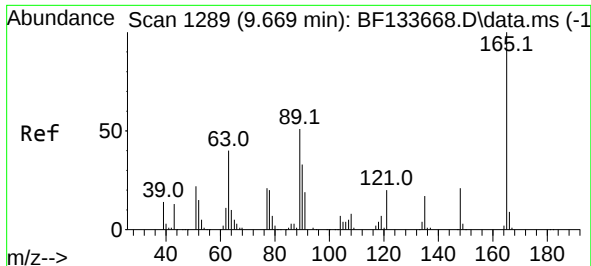
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.1 8.0 12.0

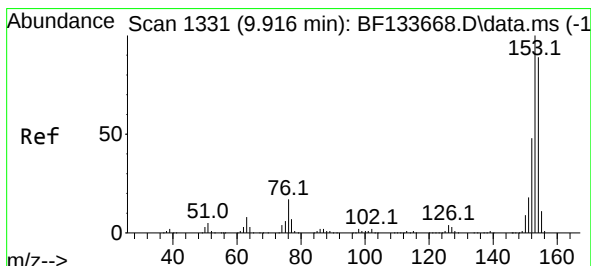
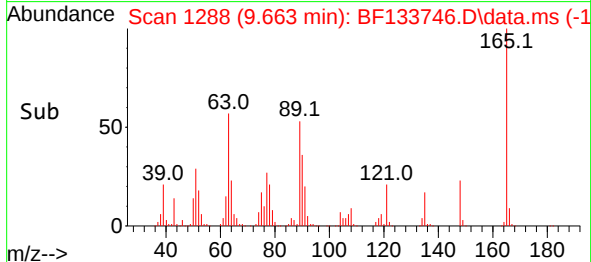
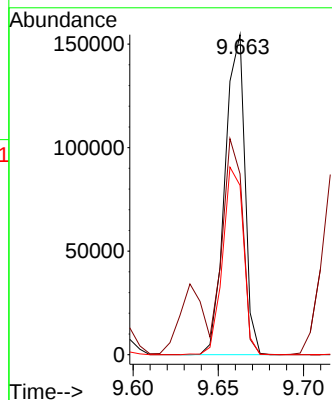
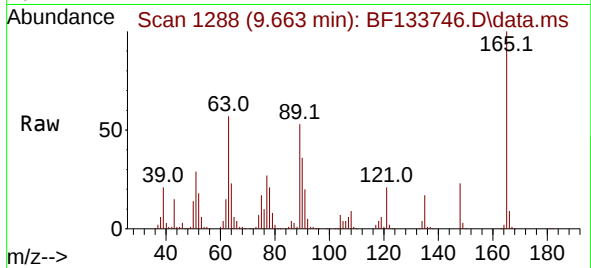




#51  
2,6-Dinitrotoluene  
Concen: 41.527 ng  
RT: 9.663 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

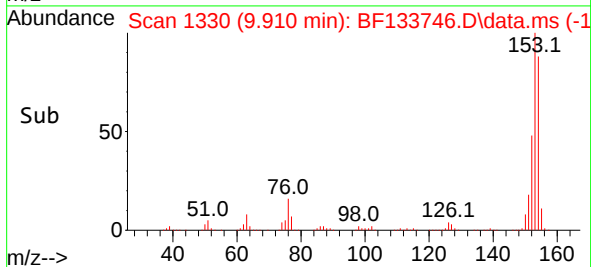
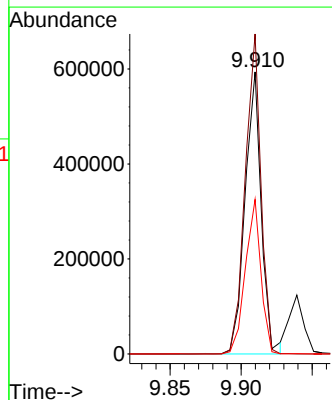
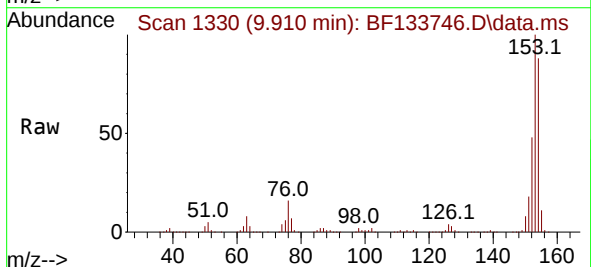
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

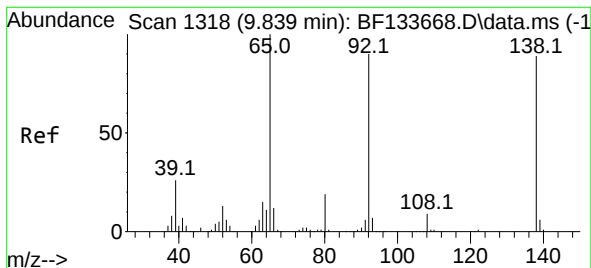
Tgt Ion:165 Resp: 125264  
Ion Ratio Lower Upper  
165 100  
63 56.5 42.1 63.1  
89 52.9 40.9 61.3



#52  
Acenaphthene  
Concen: 40.900 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:154 Resp: 471972  
Ion Ratio Lower Upper  
154 100  
153 113.4 89.8 134.8  
152 54.8 43.4 65.2





#53

3-Nitroaniline

Concen: 30.940 ng

RT: 9.827 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

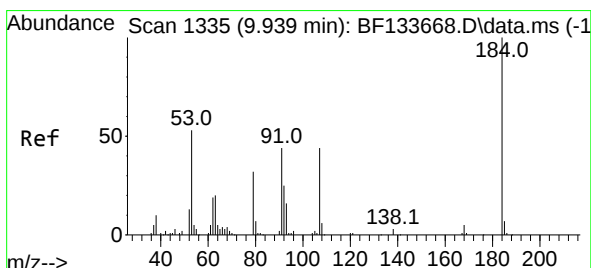
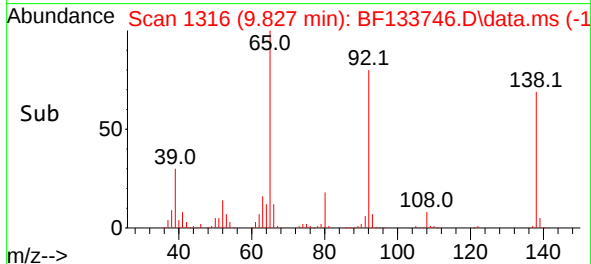
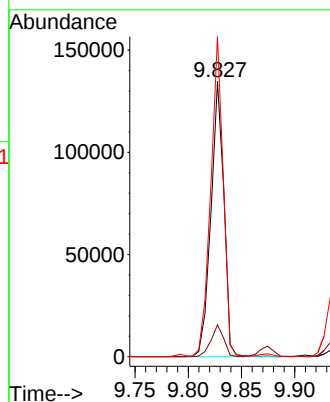
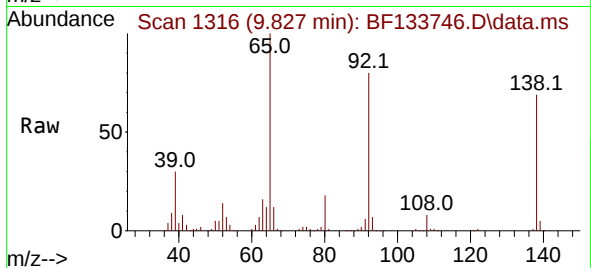
Tgt Ion:138 Resp: 113574

Ion Ratio Lower Upper

138 100

108 11.6 8.2 12.4

92 116.3 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 97.088 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

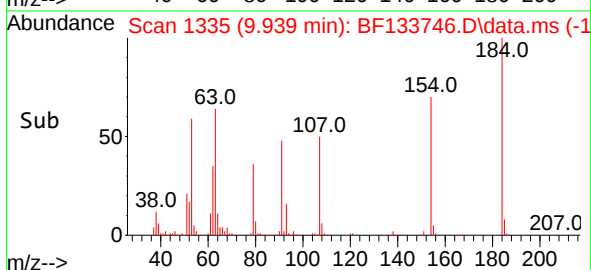
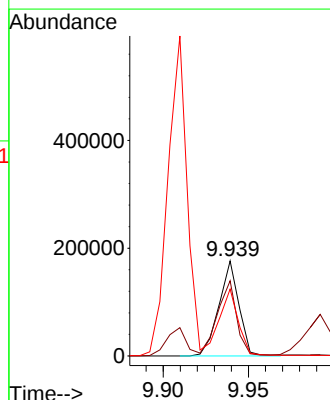
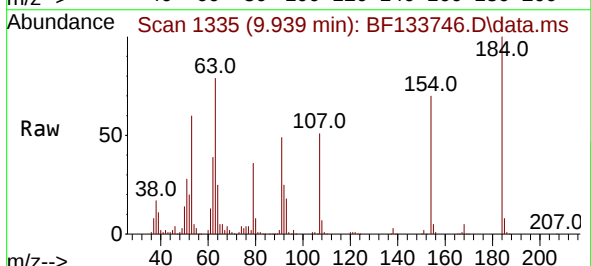
Tgt Ion:184 Resp: 145049

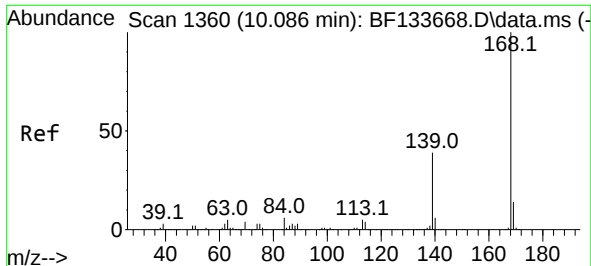
Ion Ratio Lower Upper

184 100

63 79.0 55.3 82.9

154 70.3 51.9 77.9

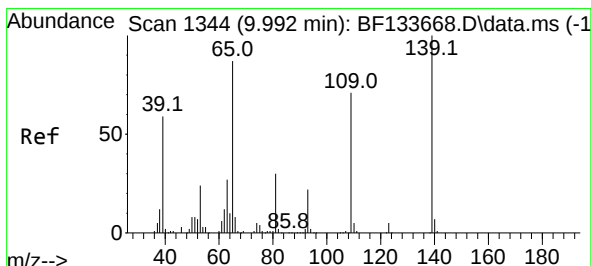
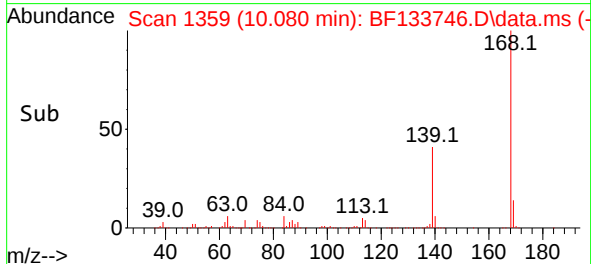
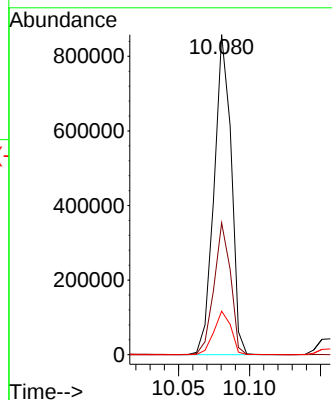
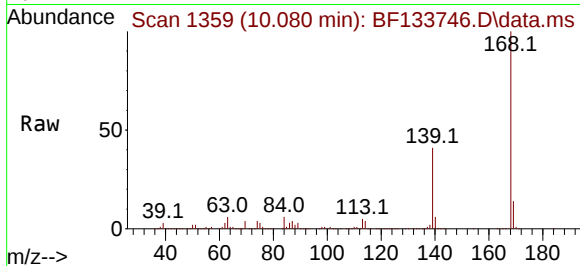




#55  
Dibenzofuran  
Concen: 40.715 ng  
RT: 10.080 min Scan# 1360  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

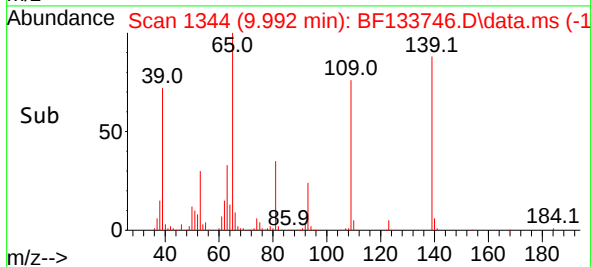
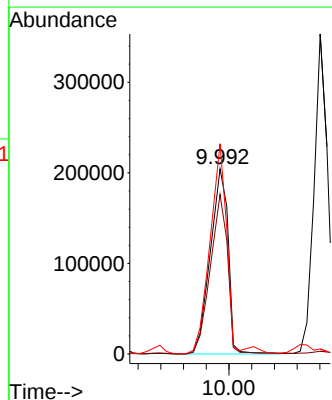
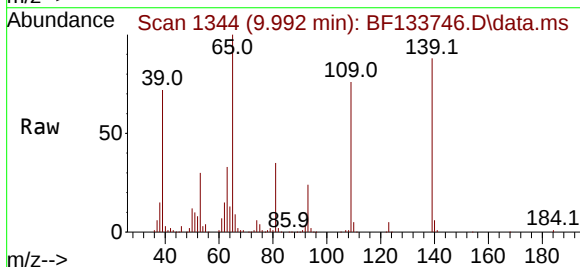
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

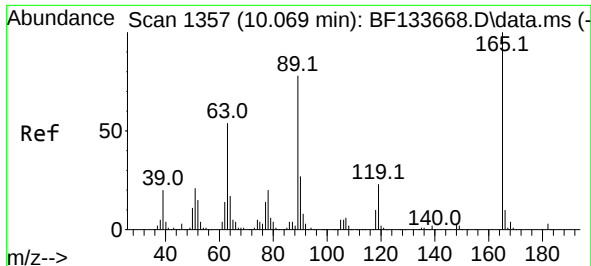
Tgt Ion:168 Resp: 716914  
Ion Ratio Lower Upper  
168 100  
139 41.2 30.9 46.3  
169 13.6 10.9 16.3



#56  
4-Nitrophenol  
Concen: 89.794 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:139 Resp: 222457  
Ion Ratio Lower Upper  
139 100  
109 86.1 50.7 90.7  
65 113.5 67.1 107.1#

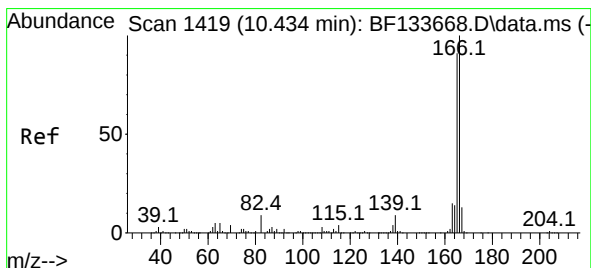
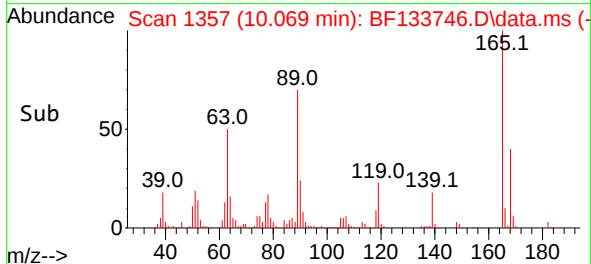
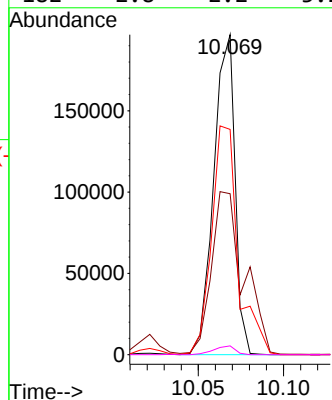
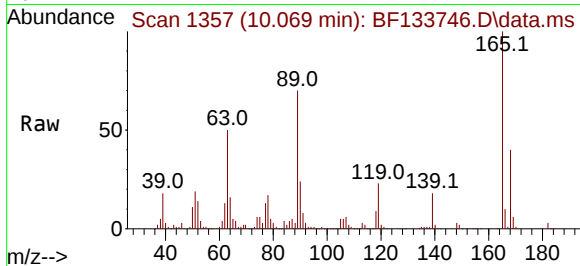




#57  
2,4-Dinitrotoluene  
Concen: 44.483 ng  
RT: 10.069 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

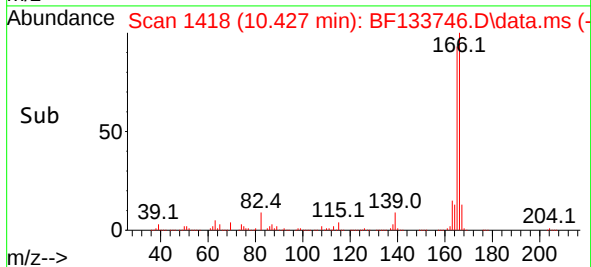
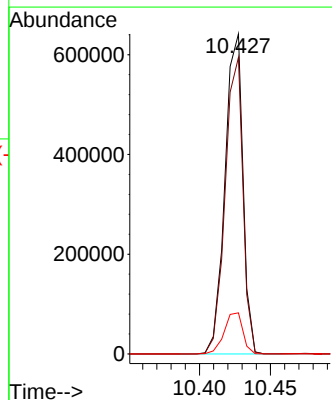
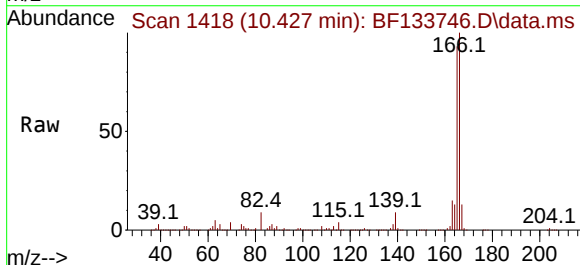
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

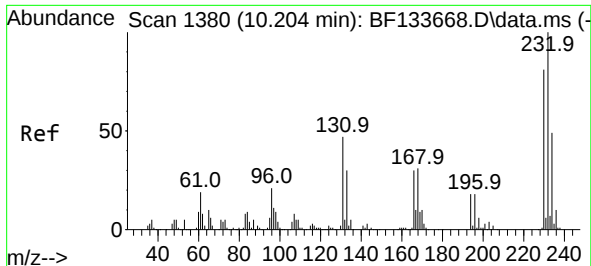
Tgt Ion:165 Resp: 170650  
Ion Ratio Lower Upper  
165 100  
63 50.3 43.0 64.6  
89 70.4 62.6 93.8  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 41.896 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:166 Resp: 564143  
Ion Ratio Lower Upper  
166 100  
165 92.7 73.1 109.7  
167 12.9 10.5 15.7

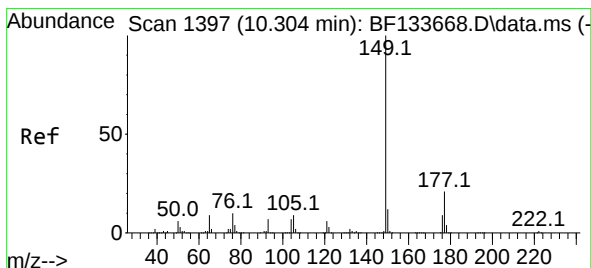
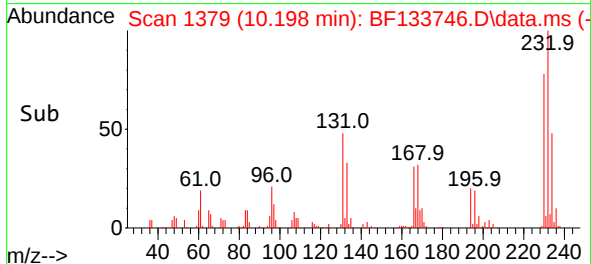
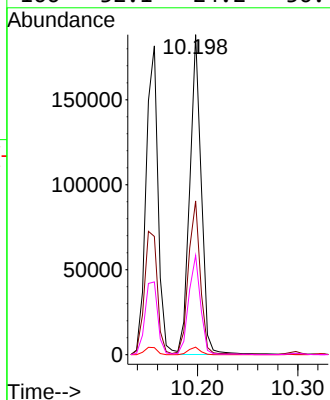
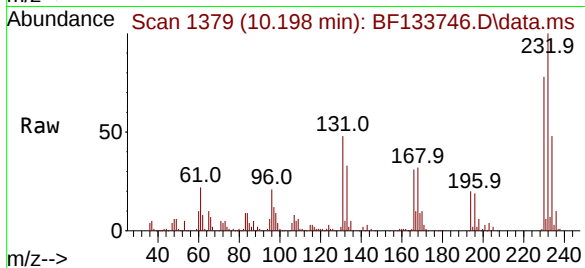




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.033 ng  
RT: 10.198 min Scan# 1379  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

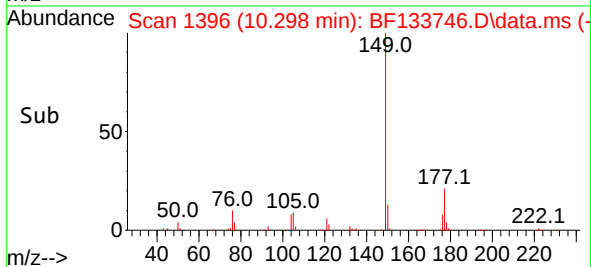
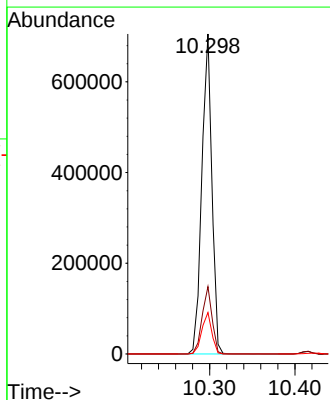
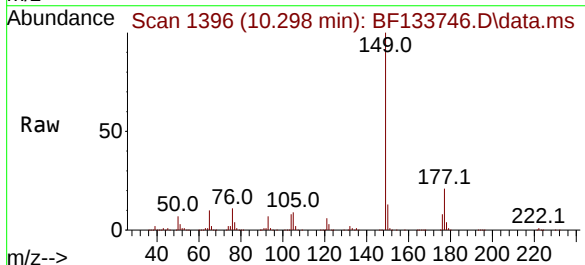
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

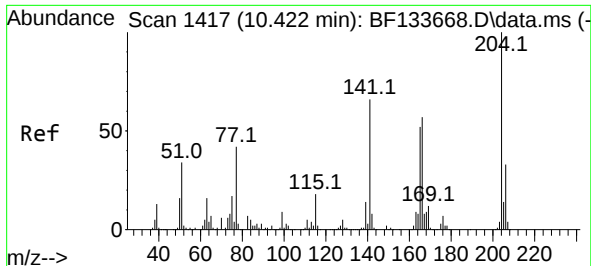
Tgt Ion:232 Resp: 149084  
Ion Ratio Lower Upper  
232 100  
131 49.6 38.0 57.0  
130 2.4 1.8 2.8  
166 32.1 24.2 36.4



#60  
Diethylphthalate  
Concen: 38.798 ng  
RT: 10.298 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:149 Resp: 577066  
Ion Ratio Lower Upper  
149 100  
177 21.0 17.0 25.6  
150 13.0 10.0 15.0

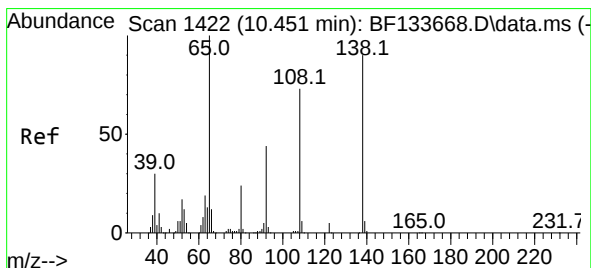
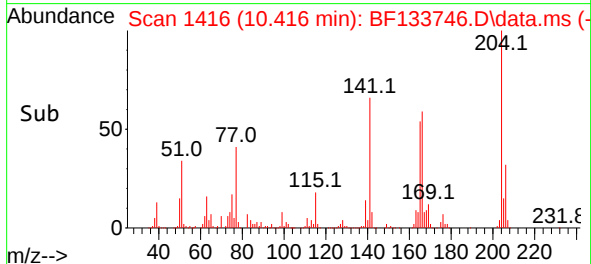
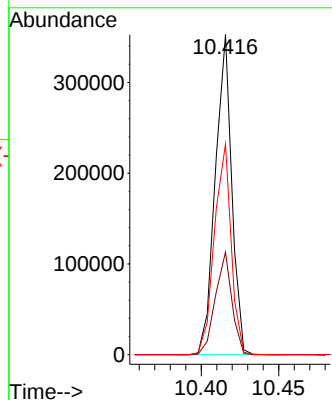
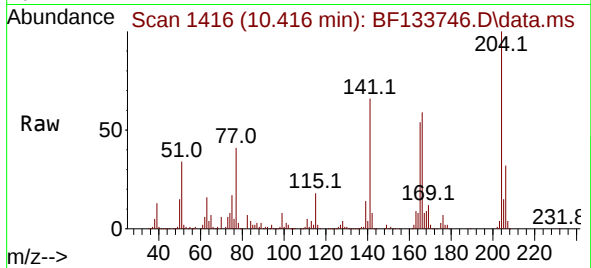




#61  
4-Chlorophenyl-phenylether  
Concen: 39.198 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

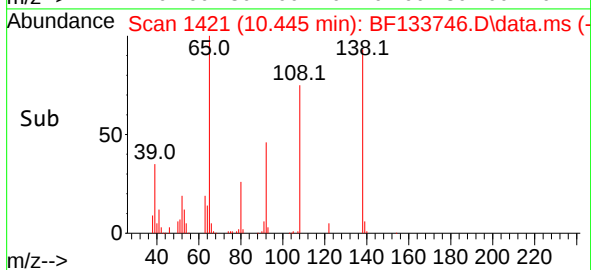
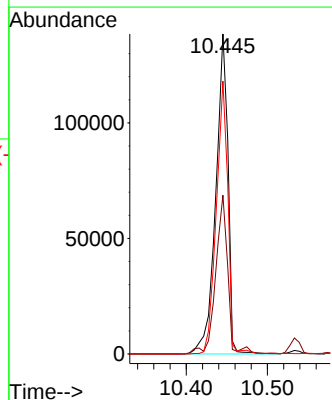
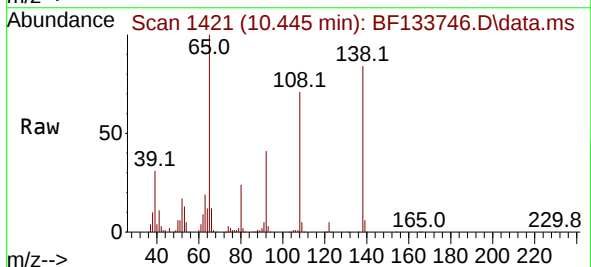
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

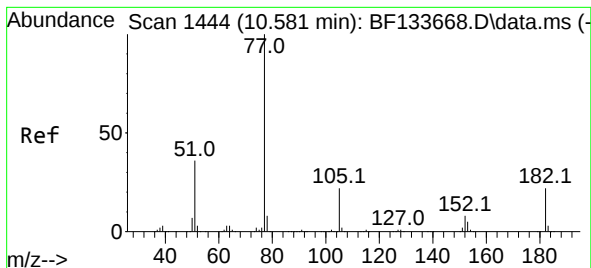
Tgt Ion:204 Resp: 260572  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.4 39.6  
141 65.8 52.8 79.2



#62  
4-Nitroaniline  
Concen: 40.244 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:138 Resp: 144846  
Ion Ratio Lower Upper  
138 100  
92 49.6 28.9 68.9  
108 85.2 61.0 101.0





#63

Azobenzene

Concen: 39.970 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

Tgt Ion: 77 Resp: 562790

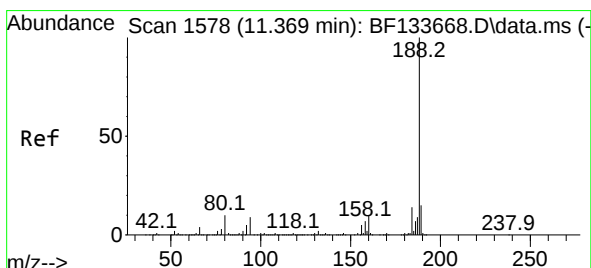
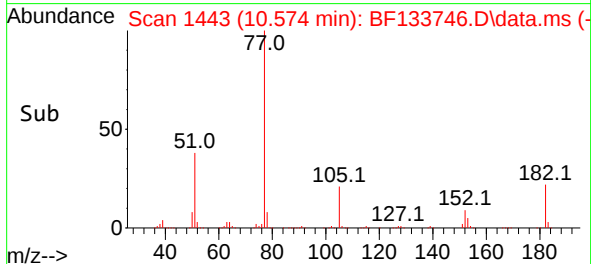
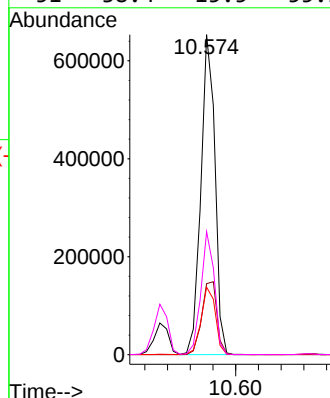
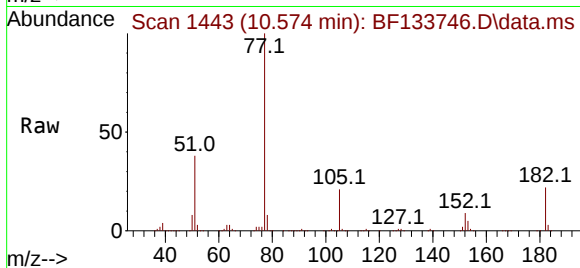
Ion Ratio Lower Upper

77 100

182 22.2 1.6 41.6

105 21.1 1.6 41.6

51 38.4 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

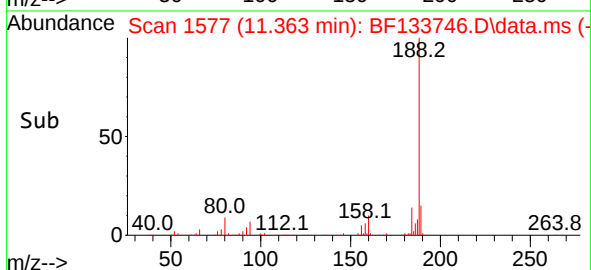
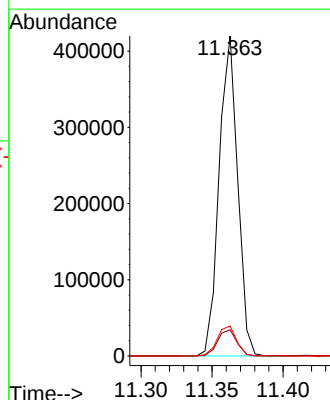
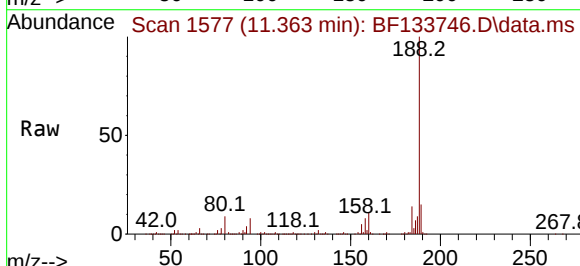
Tgt Ion: 188 Resp: 380116

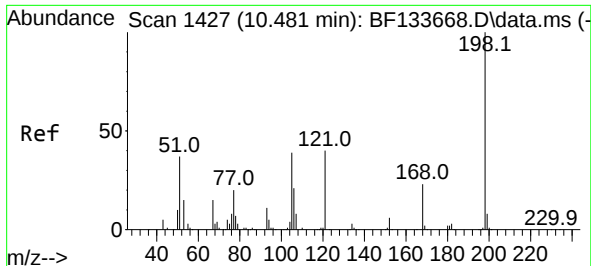
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 9.3 7.8 11.6

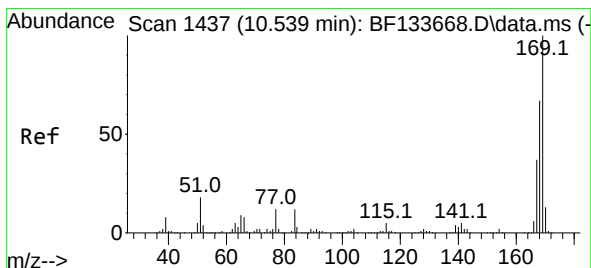
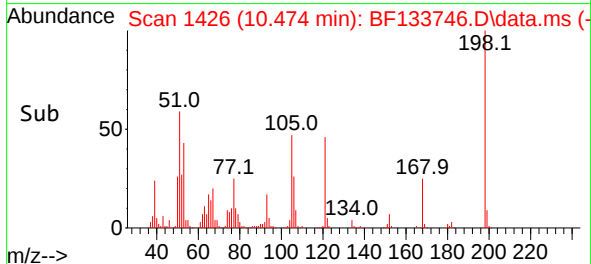
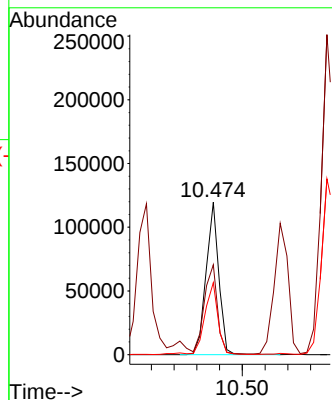
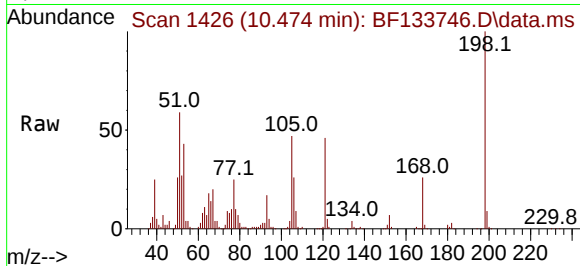




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.919 ng  
RT: 10.474 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

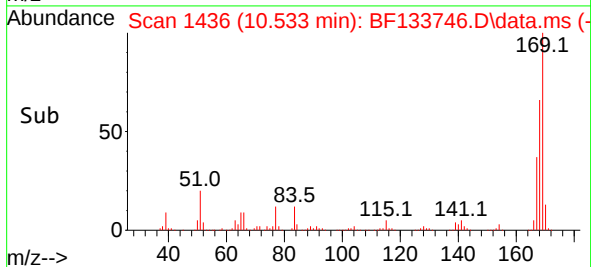
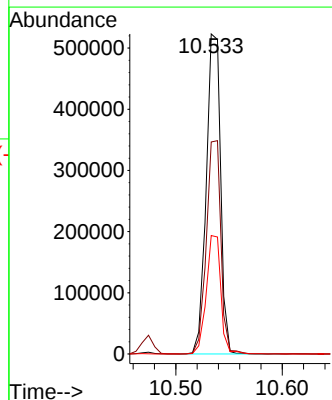
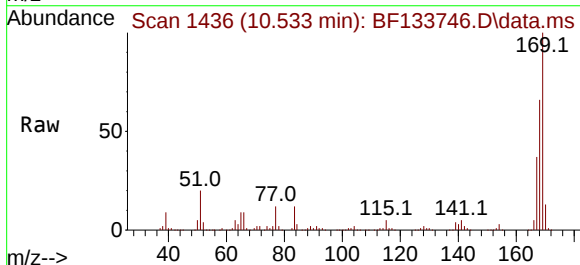
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

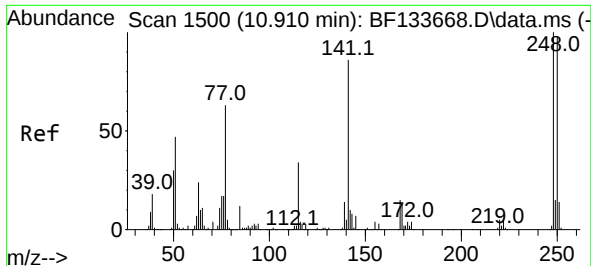
Tgt Ion:198 Resp: 92488  
Ion Ratio Lower Upper  
198 100  
51 59.0 27.5 67.5  
105 47.2 21.0 61.0



#66  
n-Nitrosodiphenylamine  
Concen: 38.419 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:169 Resp: 490546  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.7 80.5  
167 37.0 29.8 44.8

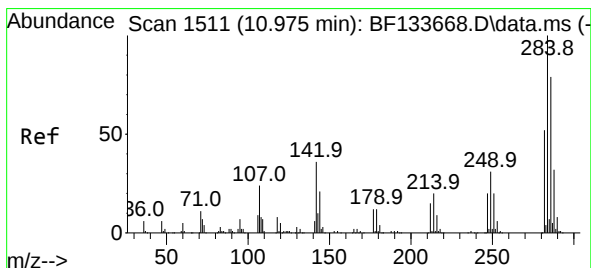
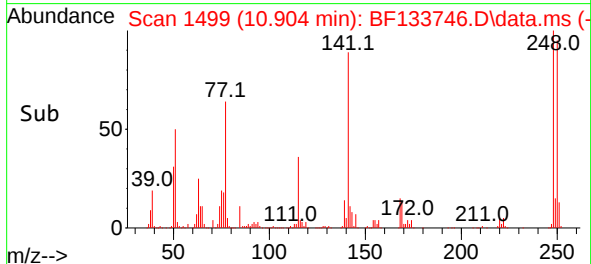
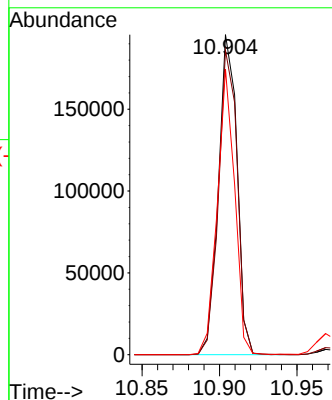
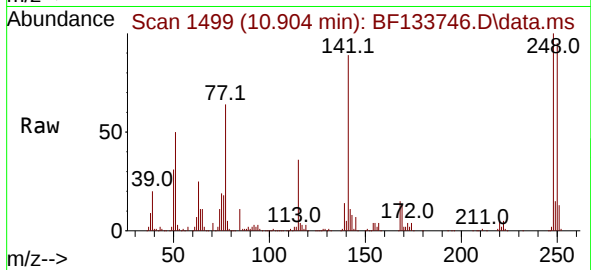




#67  
4-Bromophenyl-phenylether  
Concen: 38.526 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

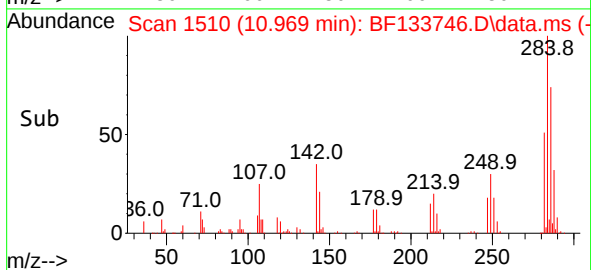
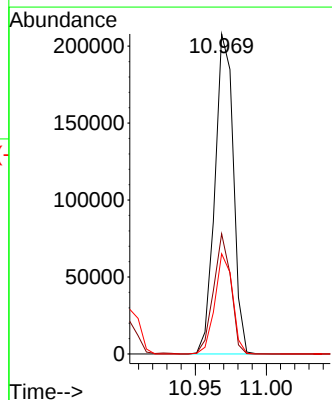
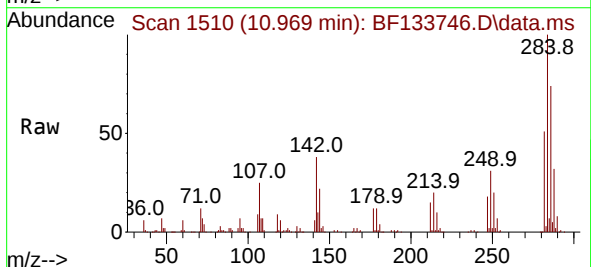
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

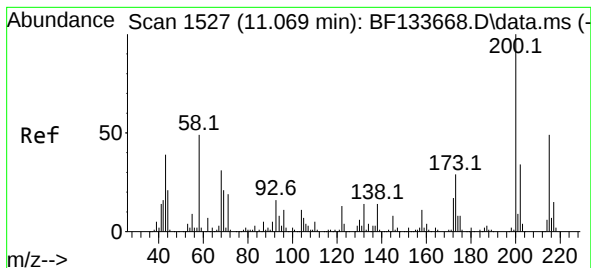
Tgt Ion:248 Resp: 163448  
Ion Ratio Lower Upper  
248 100  
250 95.1 78.3 117.5  
141 89.3 69.0 103.6



#68  
Hexachlorobenzene  
Concen: 42.083 ng  
RT: 10.969 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:284 Resp: 187752  
Ion Ratio Lower Upper  
284 100  
142 37.6 28.6 42.8  
249 31.3 24.6 36.8





#69

Atrazine

Concen: 42.692 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

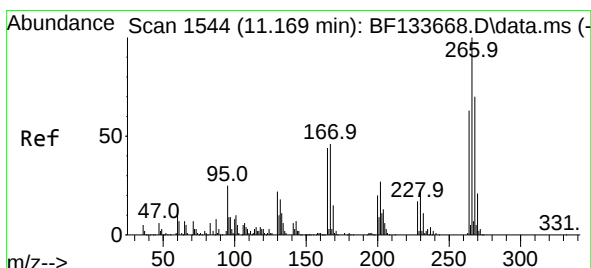
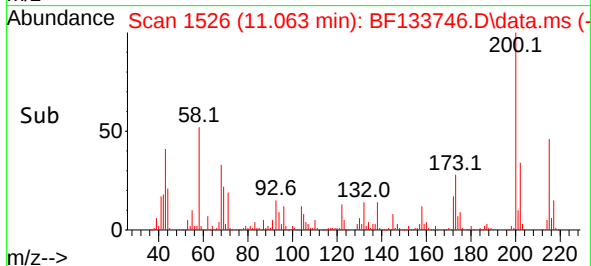
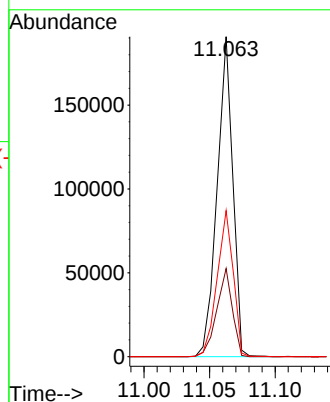
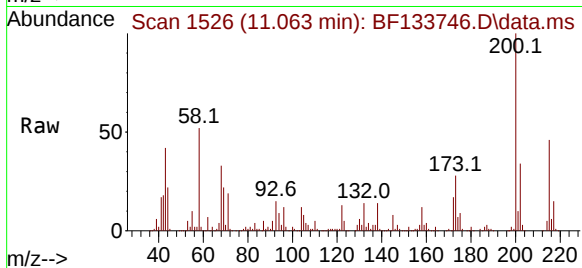
Tgt Ion:200 Resp: 158159

Ion Ratio Lower Upper

200 100

173 27.5 8.7 48.7

215 45.6 29.0 69.0



#70

Pentachlorophenol

Concen: 72.870 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

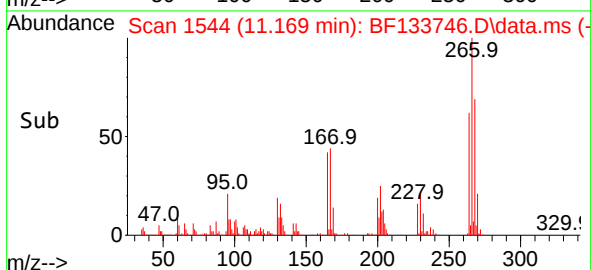
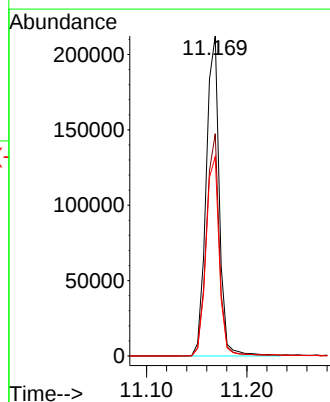
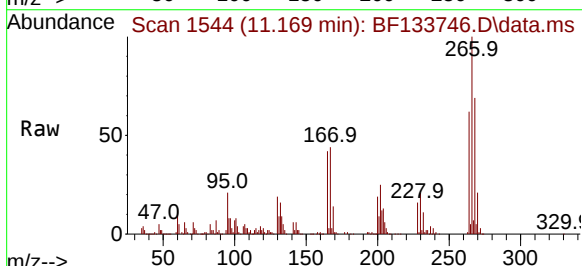
Tgt Ion:266 Resp: 194673

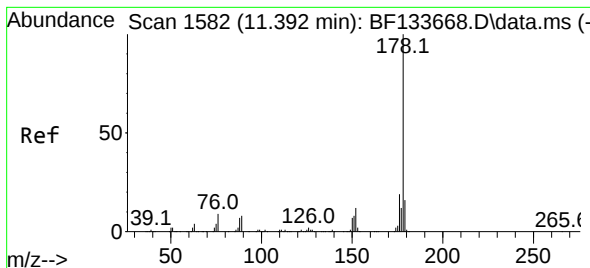
Ion Ratio Lower Upper

266 100

268 69.4 55.7 83.5

264 62.3 50.7 76.1





#71

Phenanthrene

Concen: 40.977 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

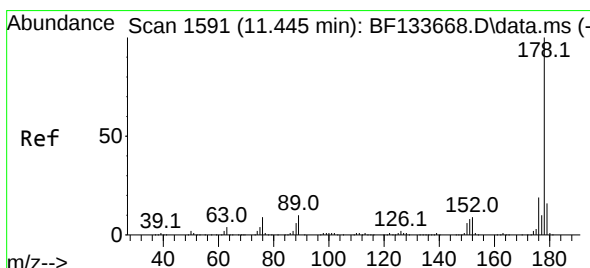
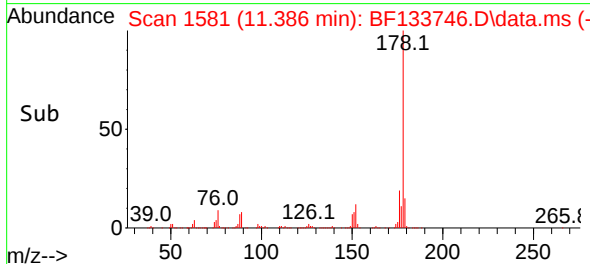
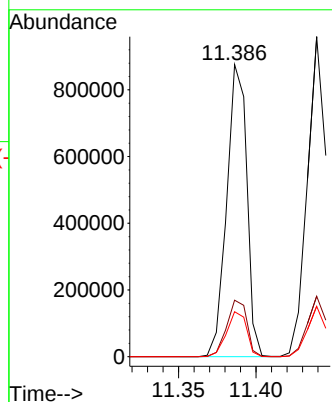
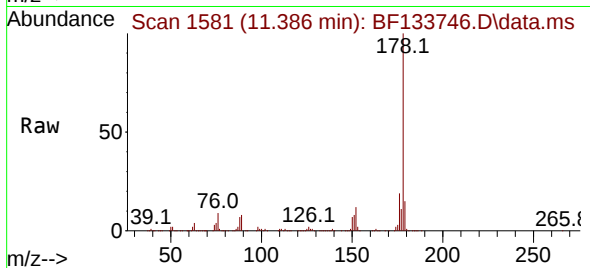
Tgt Ion:178 Resp: 790250

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.4 12.4 18.6



#72

Anthracene

Concen: 40.348 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

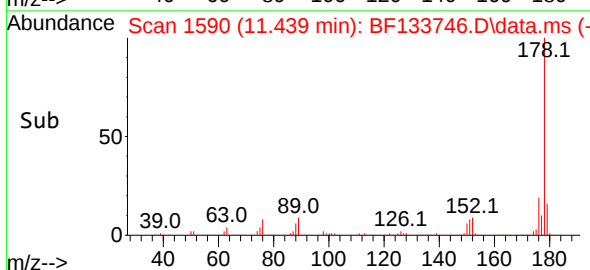
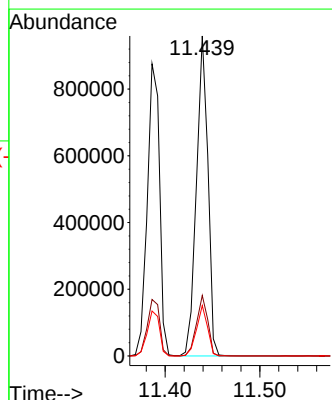
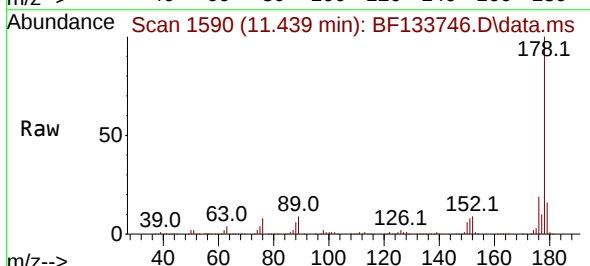
Tgt Ion:178 Resp: 811333

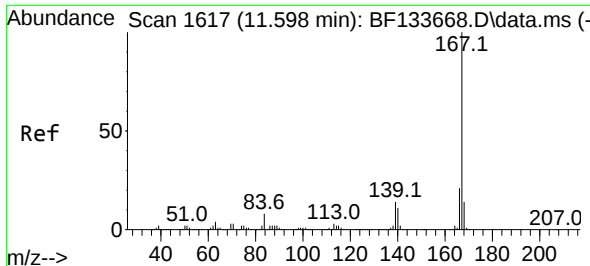
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.7 12.6 18.8

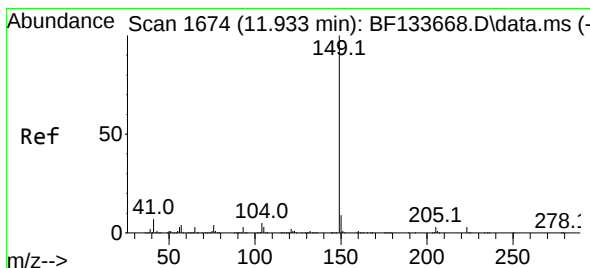
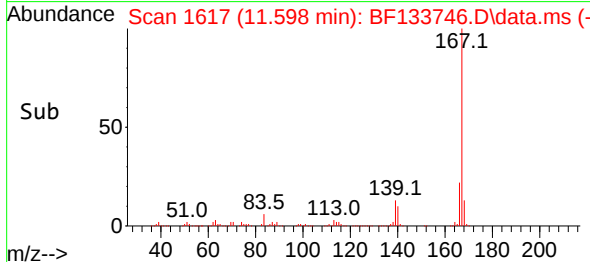
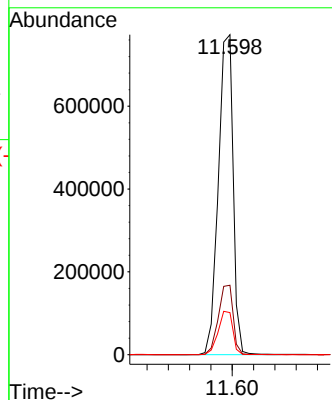
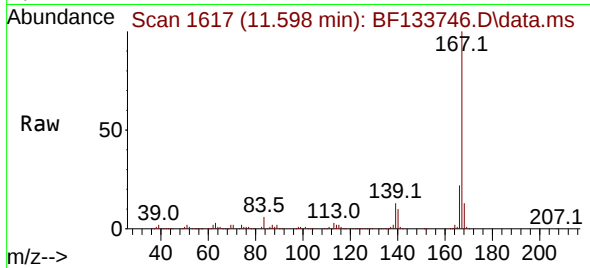




#73  
 Carbazole  
 Concen: 39.774 ng  
 RT: 11.598 min Scan# 1617  
 Delta R.T. -0.000 min  
 Lab File: BF133746.D  
 Acq: 14 Jun 2023 11:33

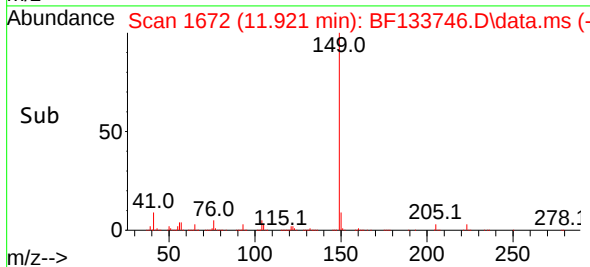
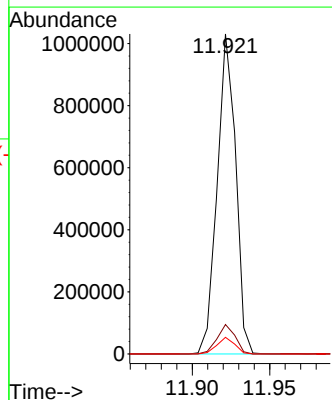
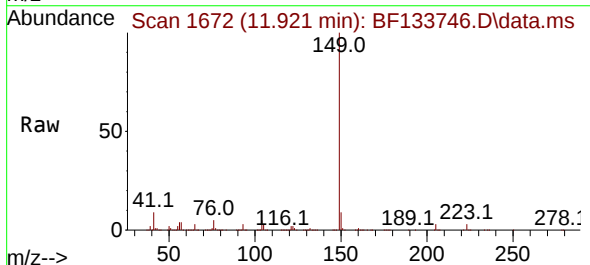
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153266BS

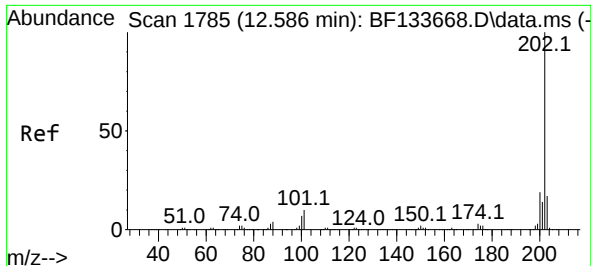
Tgt Ion:167 Resp: 744906  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.0 25.6  
 139 13.2 11.2 16.8



#74  
 Di-n-butylphthalate  
 Concen: 35.574 ng  
 RT: 11.921 min Scan# 1672  
 Delta R.T. -0.006 min  
 Lab File: BF133746.D  
 Acq: 14 Jun 2023 11:33

Tgt Ion:149 Resp: 854108  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.2 3.8 5.8

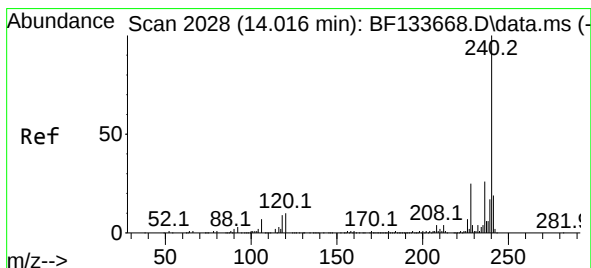
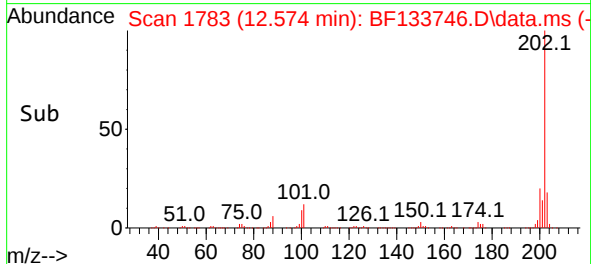
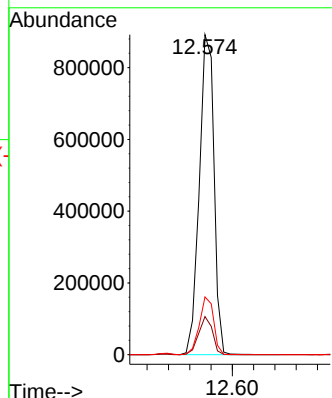
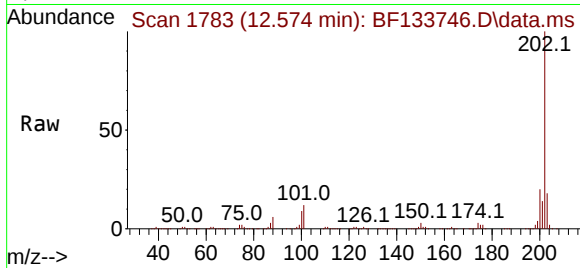




#75  
Fluoranthene  
Concen: 41.857 ng  
RT: 12.574 min Scan# 1783  
Delta R.T. -0.012 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

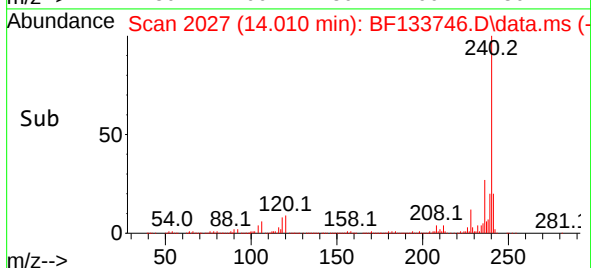
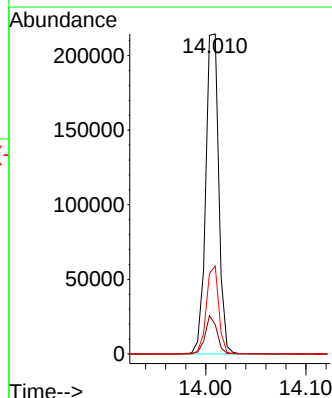
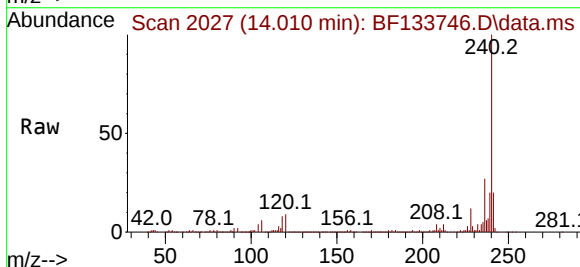
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

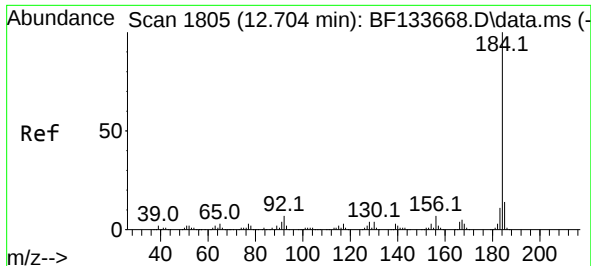
Tgt Ion:202 Resp: 857218  
Ion Ratio Lower Upper  
202 100  
101 11.9 0.0 29.6  
203 18.1 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:240 Resp: 194897  
Ion Ratio Lower Upper  
240 100  
120 9.2 8.1 12.1  
236 27.5 20.5 30.7

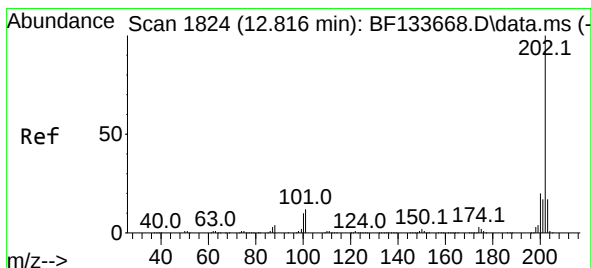
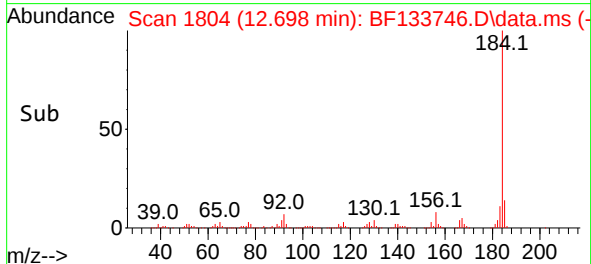
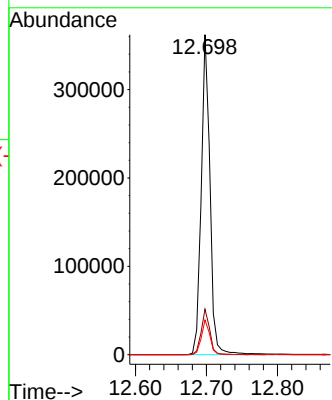
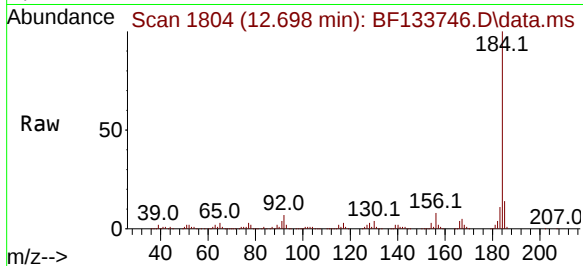




#77  
Benzidine  
Concen: 47.541 ng  
RT: 12.698 min Scan# 1804  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

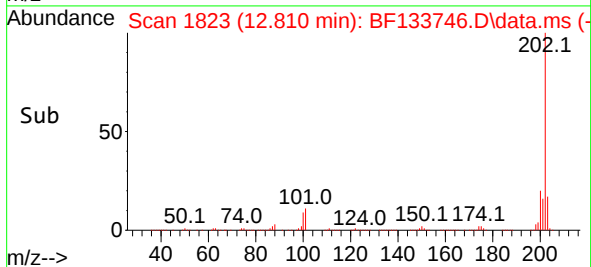
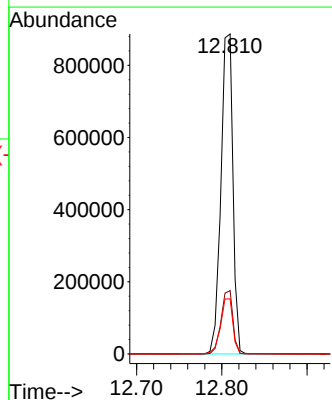
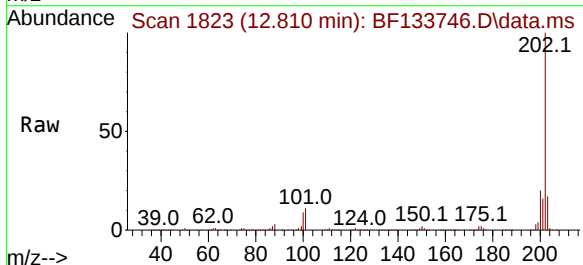
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

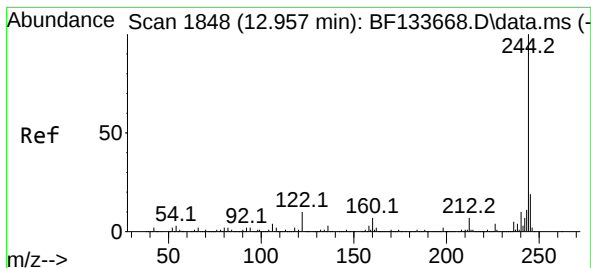
Tgt Ion:184 Resp: 310914  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.6 17.4  
183 10.9 8.4 12.6



#78  
Pyrene  
Concen: 47.708 ng  
RT: 12.810 min Scan# 1823  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:202 Resp: 866157  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.2 24.2  
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 90.469 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

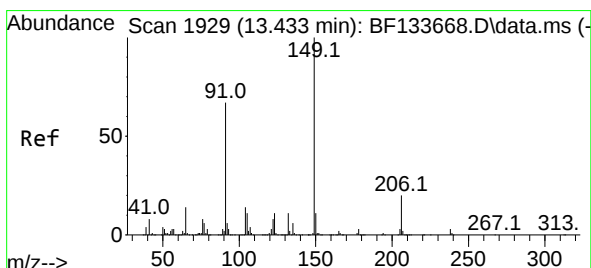
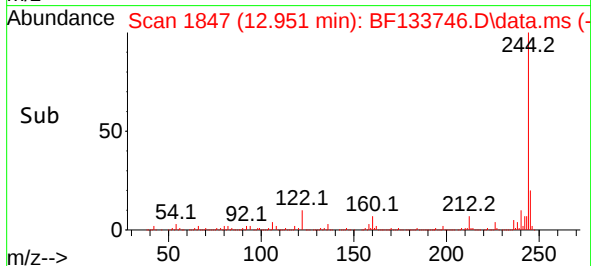
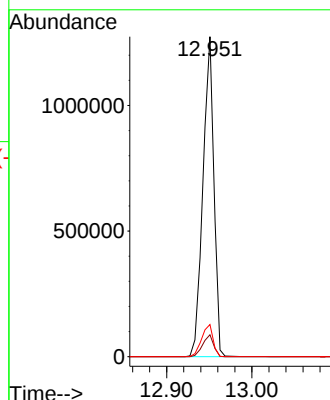
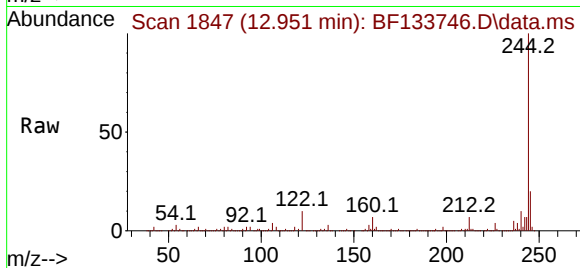
Tgt Ion:244 Resp: 1139509

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.0 8.1 12.1



#80

Butylbenzylphthalate

Concen: 36.184 ng

RT: 13.421 min Scan# 1927

Delta R.T. -0.012 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

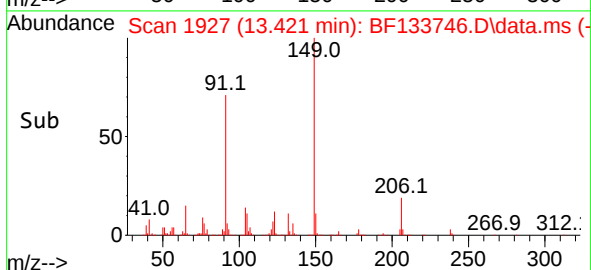
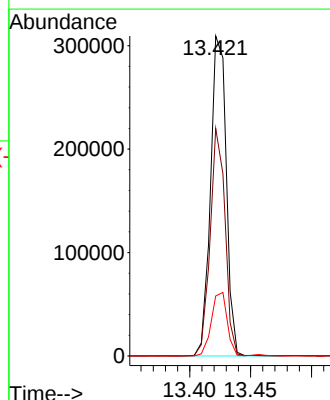
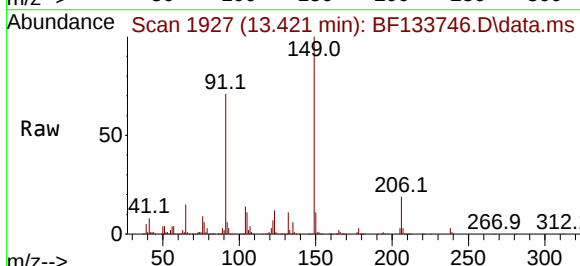
Tgt Ion:149 Resp: 277338

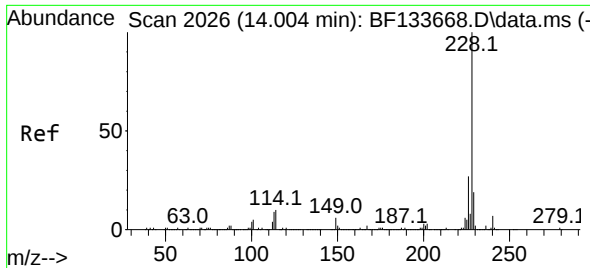
Ion Ratio Lower Upper

149 100

91 71.1 54.0 81.0

206 18.8 15.6 23.4

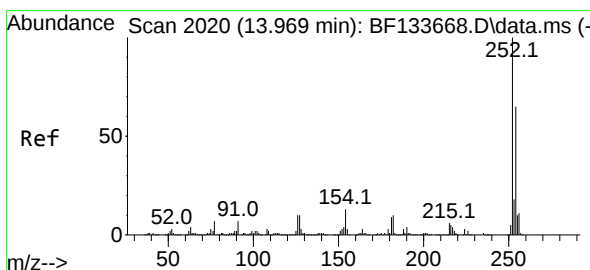
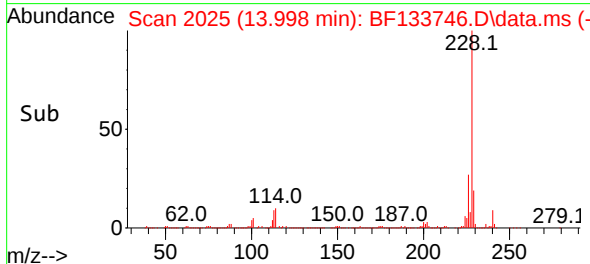
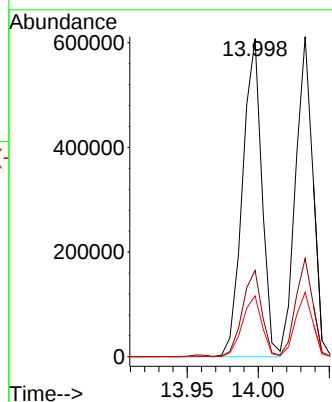
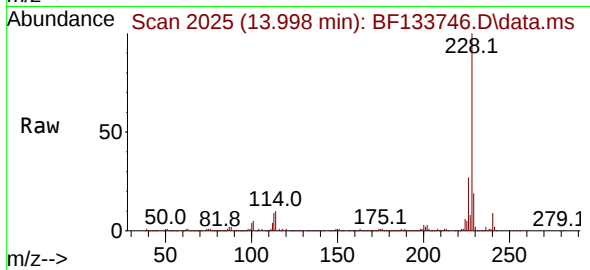




#81  
Benzo(a)anthracene  
Concen: 42.657 ng  
RT: 13.998 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

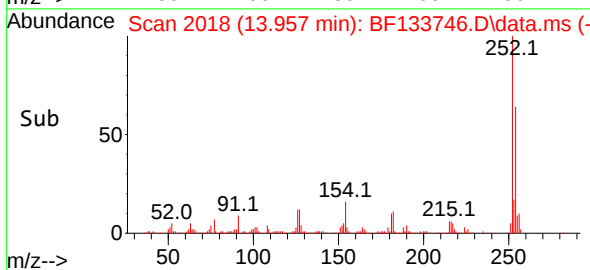
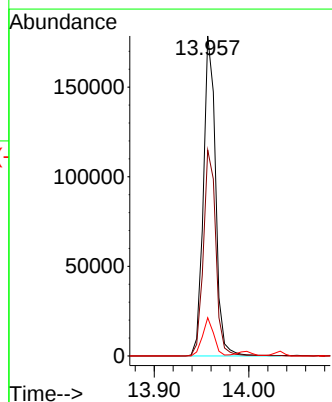
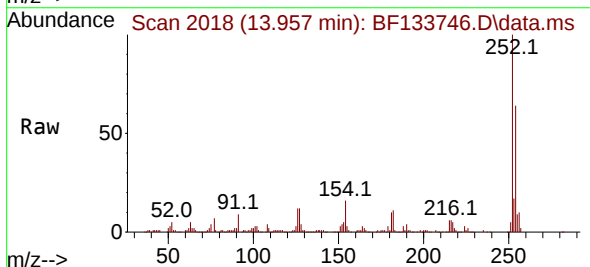
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

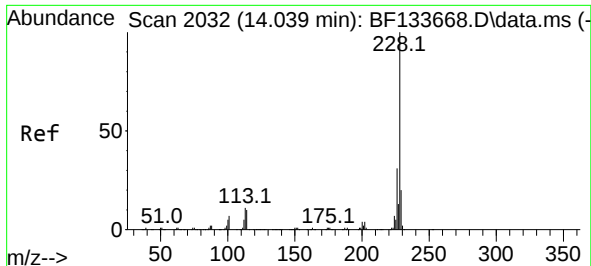
Tgt Ion:228 Resp: 575069  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.7 32.5  
229 19.1 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 35.777 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:252 Resp: 160349  
Ion Ratio Lower Upper  
252 100  
254 64.3 51.9 77.9  
126 12.0 7.7 11.5

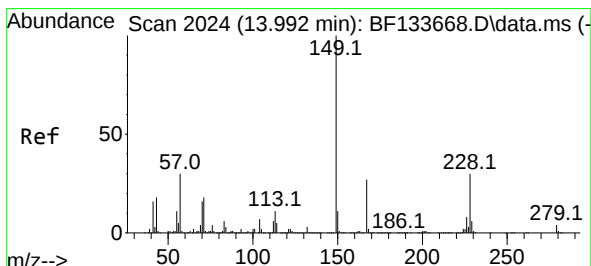
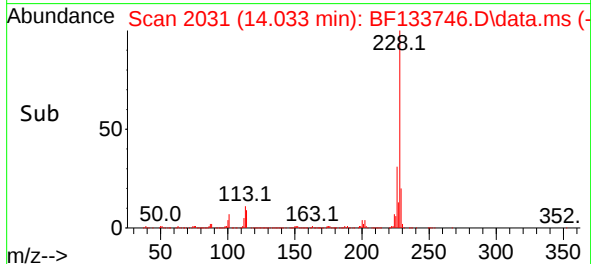
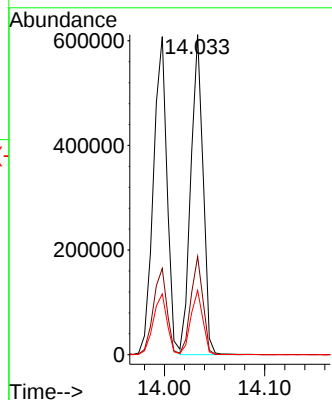
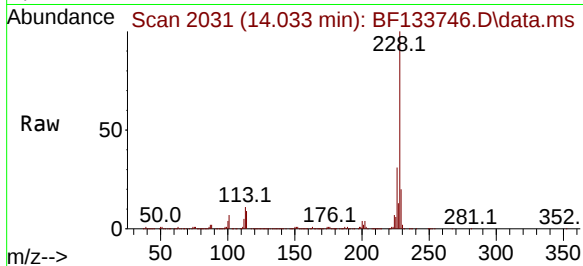




#83  
Chrysene  
Concen: 40.530 ng  
RT: 14.033 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

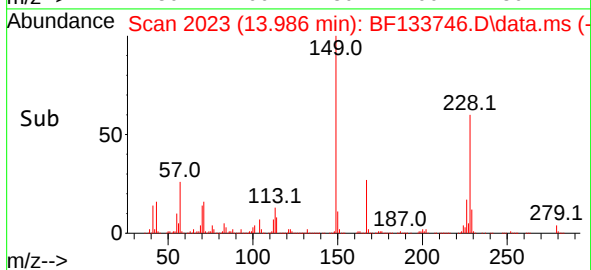
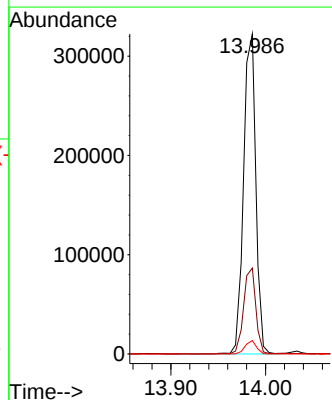
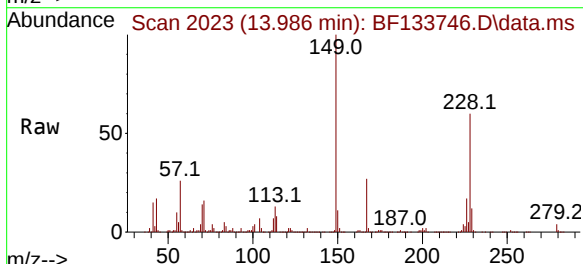
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

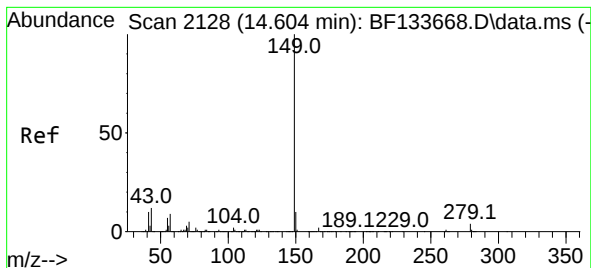
Tgt Ion:228 Resp: 516791  
Ion Ratio Lower Upper  
228 100  
226 30.7 25.0 37.6  
229 20.1 15.8 23.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 30.668 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:149 Resp: 289425  
Ion Ratio Lower Upper  
149 100  
167 26.8 21.8 32.8  
279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 35.163 ng

RT: 14.598 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

PB153266BS

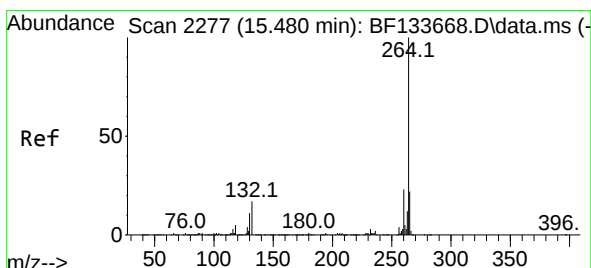
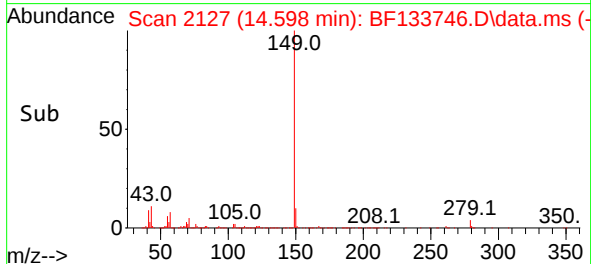
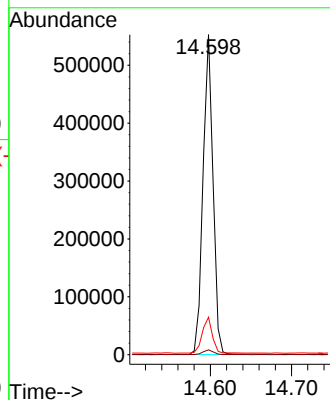
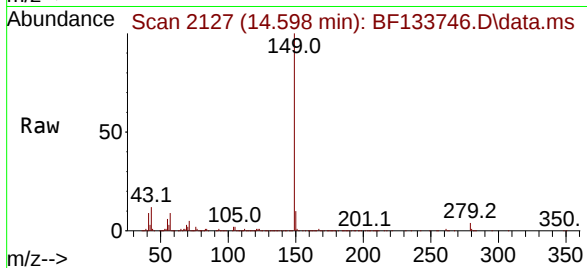
Tgt Ion:149 Resp: 471572

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 11.2 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

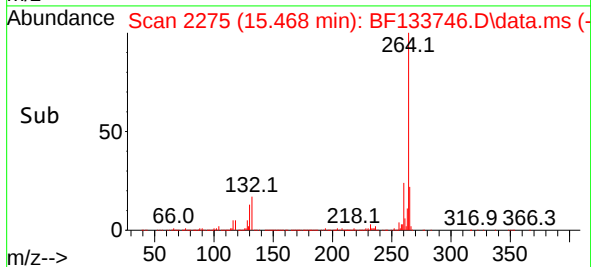
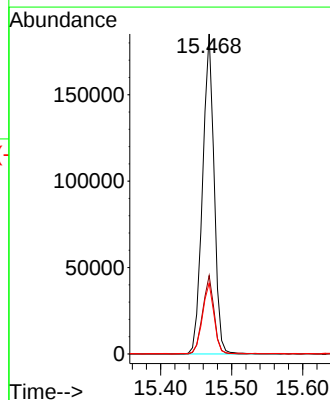
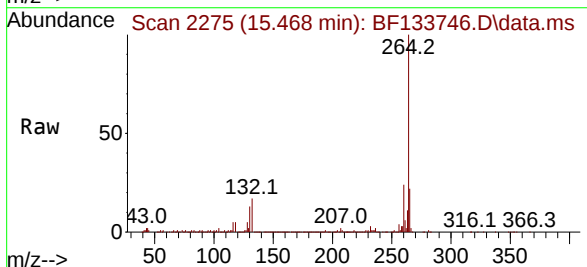
Tgt Ion:264 Resp: 209790

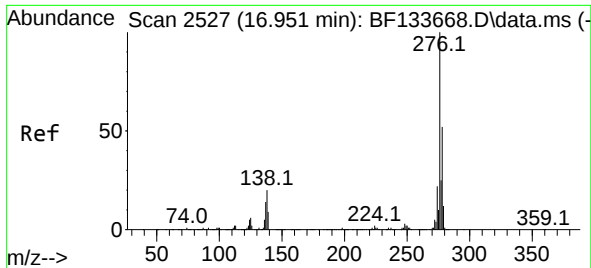
Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.2

265 22.1 17.8 26.6

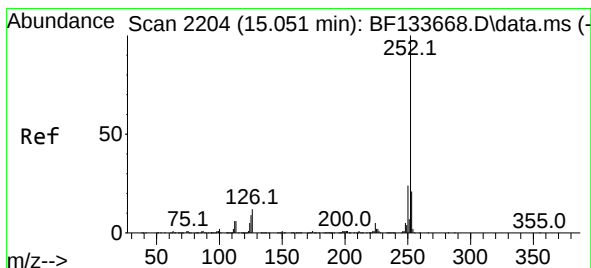
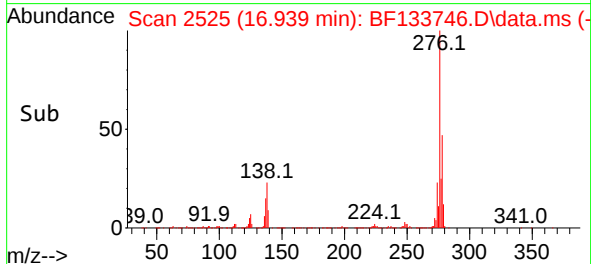
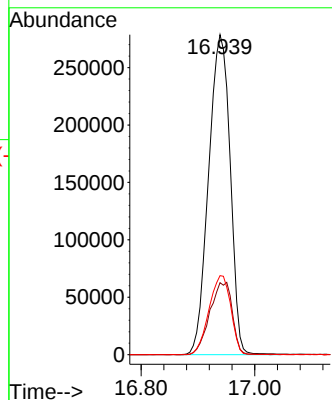
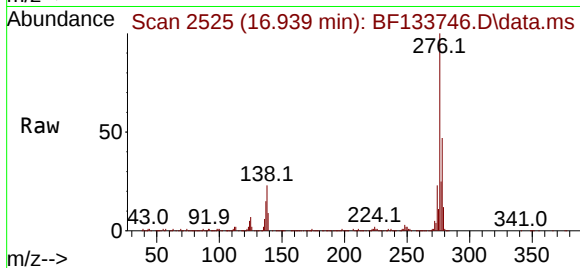




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.788 ng  
 RT: 16.939 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BF133746.D  
 Acq: 14 Jun 2023 11:33

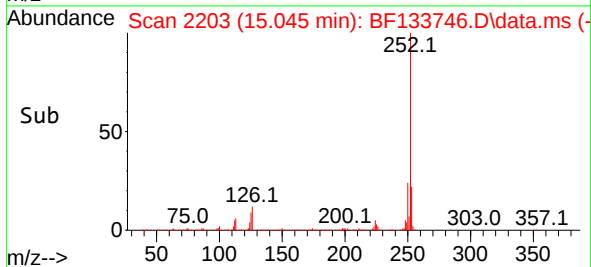
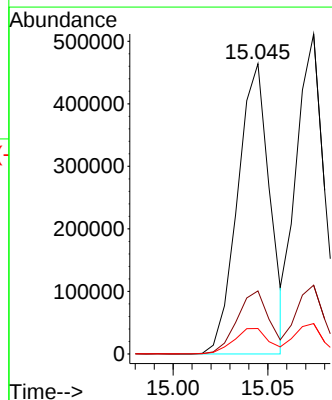
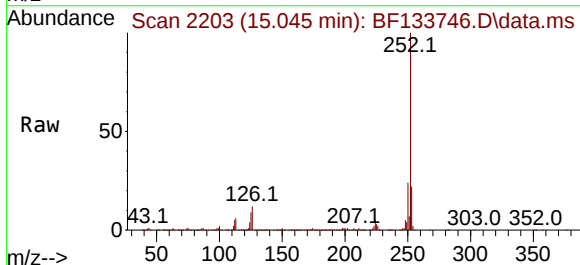
Instrument :  
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 ClientSampleId :  
 PB153266BS

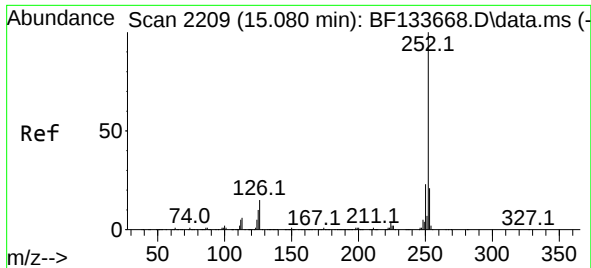
Tgt Ion:276 Resp: 733025  
 Ion Ratio Lower Upper  
 276 100  
 138 23.7 17.9 26.9  
 277 25.0 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 43.100 ng  
 RT: 15.045 min Scan# 2203  
 Delta R.T. -0.012 min  
 Lab File: BF133746.D  
 Acq: 14 Jun 2023 11:33

Tgt Ion:252 Resp: 549261  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.0 25.6  
 125 8.8 7.3 10.9

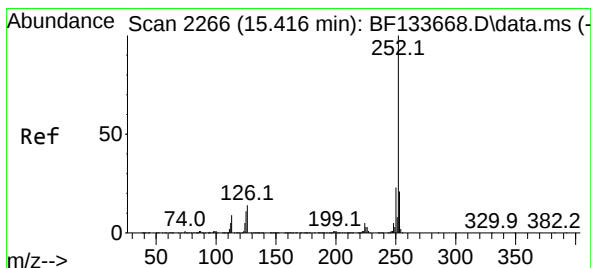
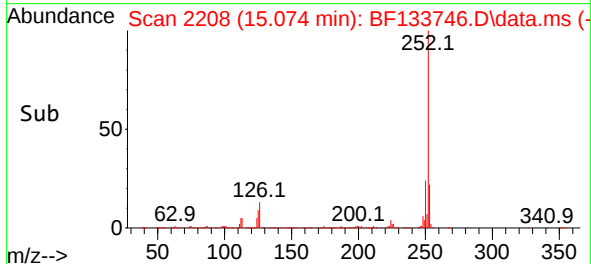
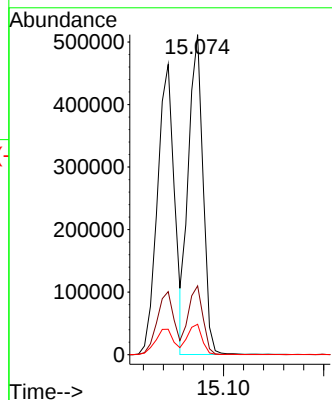
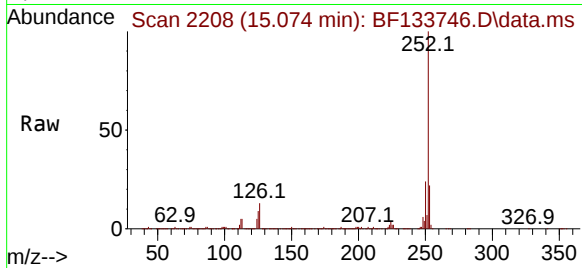




#89  
Benzo(k)fluoranthene  
Concen: 41.511 ng  
RT: 15.074 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

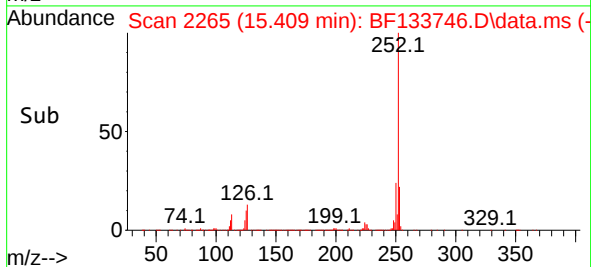
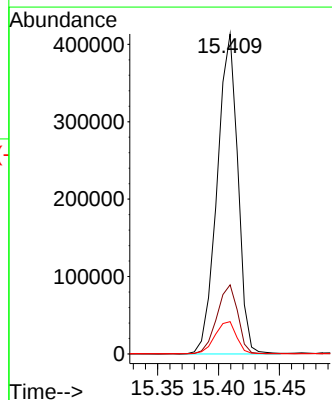
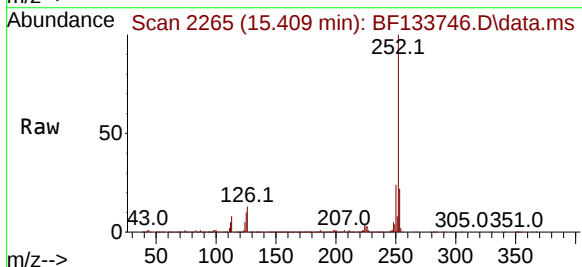
Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

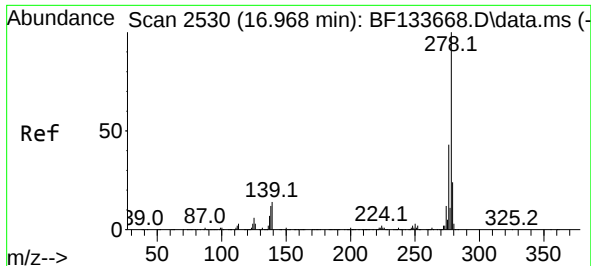
Tgt Ion:252 Resp: 515312  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.0 25.4  
125 9.5 7.8 11.6



#90  
Benzo(a)pyrene  
Concen: 41.415 ng  
RT: 15.409 min Scan# 2265  
Delta R.T. -0.012 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:252 Resp: 489826  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.1 25.7  
125 10.1 8.6 13.0

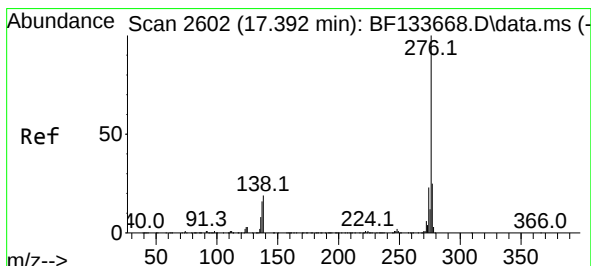
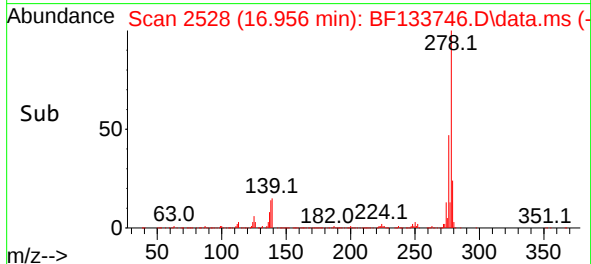
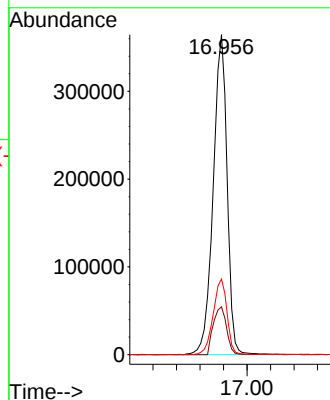
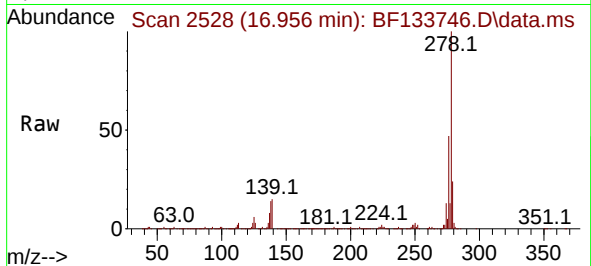




#91  
Dibenzo(a,h)anthracene  
Concen: 50.159 ng  
RT: 16.956 min Scan# 2528  
Delta R.T. -0.018 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Instrument :  
BNA\_F  
ClientSampleId :  
PB153266BS

Tgt Ion:278 Resp: 599340  
Ion Ratio Lower Upper  
278 100  
139 14.9 11.4 17.2  
279 23.6 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 54.107 ng  
RT: 17.386 min Scan# 2601  
Delta R.T. -0.018 min  
Lab File: BF133746.D  
Acq: 14 Jun 2023 11:33

Tgt Ion:276 Resp: 641007  
Ion Ratio Lower Upper  
276 100  
277 23.1 19.8 29.8  
138 20.1 15.0 22.4

