

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061923\  
 Data File : BF133830.D  
 Acq On : 19 Jun 2023 13:02  
 Operator : CG\JU  
 Sample : PB153176BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153176BS

Quant Time: Jun 20 01:30:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 19 16:00:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 111518   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 439177   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 233800   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 455067   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 213292   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 226651   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 755230   | 117.898 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 922811   | 110.673 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 639344   | 79.291  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 315228   | 106.514 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 1206749  | 73.371  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 1338231  | 97.083  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.734  | 88   | 96792    | 34.369  | ng    | 98       |
| 3) Pyridine                   | 3.510  | 79   | 234023   | 28.510  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.469  | 42   | 187446   | 41.312  | ng    | 97       |
| 6) Aniline                    | 6.522  | 93   | 293190   | 27.917  | ng    | # 87     |
| 8) 2-Chlorophenol             | 6.645  | 128  | 309798   | 45.891  | ng    | 98       |
| 9) Benzaldehyde               | 6.410  | 77   | 86706    | 15.674  | ng    | 94       |
| 10) Phenol                    | 6.516  | 94   | 366576   | 42.103  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 277717   | 42.965  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 320847   | 44.484  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 327113   | 44.871  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 312253   | 47.403  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 280691   | 43.101  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 506489   | 46.225  | ng    | 99       |
| 17) 2-Methylphenol            | 7.116  | 107  | 247334   | 41.336  | ng    | 99       |
| 18) Hexachloroethane          | 7.369  | 117  | 127445   | 51.066  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 223761   | 42.178  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 306107   | 39.326  | ng    | # 85     |
| 22) Acetophenone              | 7.269  | 105  | 432601   | 42.948  | ng    | # 91     |
| 24) Nitrobenzene              | 7.445  | 77   | 336770   | 41.478  | ng    | 98       |
| 25) Isophorone                | 7.681  | 82   | 615457   | 41.576  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.757  | 139  | 166995   | 45.830  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 275370   | 43.846  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 353717   | 41.343  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 263319   | 42.779  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.081  | 180  | 271362   | 42.255  | ng    | 97       |
| 31) Naphthalene               | 8.163  | 128  | 865431   | 40.447  | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 211790   | 53.469  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 93527    | 10.223  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.275  | 225  | 173241   | 41.202  | ng    | 99       |
| 35) Caprolactam               | 8.592  | 113  | 60226    | 29.078  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 300468   | 42.349  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 590444   | 39.716  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.951  | 142  | 552220   | 40.366  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.022  | 216  | 275741   | 38.795  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.004  | 237  | 360691   | 113.875 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.134  | 196  | 192761   | 40.584  | ng    | 97       |

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 ALS Vial : 6 Sample Multiplier: 1

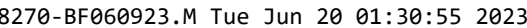
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153176BS

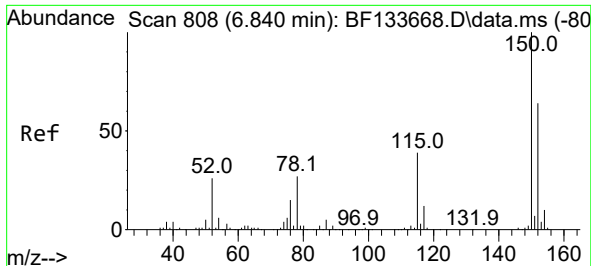
Quant Time: Jun 20 01:30:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 19 16:00:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.175  | 196  | 210194   | 38.039 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 755055   | 40.043 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.345  | 162  | 551633   | 40.783 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 197447   | 39.914 | ng    | 99       |
| 49) Acenaphthylene            | 9.763  | 152  | 923459   | 39.226 | ng    | 100      |
| 50) Dimethylphthalate         | 9.628  | 163  | 682374   | 39.102 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 150402   | 41.754 | ng    | # 77     |
| 52) Acenaphthene              | 9.933  | 154  | 545509   | 39.587 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 92727    | 21.154 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 178363   | 99.806 | ng    | 93       |
| 55) Dibenzofuran              | 10.110 | 168  | 833190   | 39.625 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 248778   | 84.092 | ng    | 85       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 199639   | 43.578 | ng    | 96       |
| 58) Fluorene                  | 10.451 | 166  | 658011   | 40.922 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 181252   | 43.812 | ng    | 97       |
| 60) Diethylphthalate          | 10.328 | 149  | 718012   | 40.426 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 312565   | 39.375 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 165839   | 38.586 | ng    | 95       |
| 63) Azobenzene                | 10.604 | 77   | 679048   | 40.386 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 115328   | 53.036 | ng    | 78       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 595435   | 38.954 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 196880   | 38.762 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 218731   | 40.952 | ng    | 95       |
| 69) Atrazine                  | 11.098 | 200  | 189432   | 42.712 | ng    | 96       |
| 70) Pentachlorophenol         | 11.198 | 266  | 243674   | 76.189 | ng    | 98       |
| 71) Phenanthrene              | 11.422 | 178  | 941942   | 40.798 | ng    | 99       |
| 72) Anthracene                | 11.469 | 178  | 969492   | 40.272 | ng    | 99       |
| 73) Carbazole                 | 11.628 | 167  | 889793   | 39.685 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 1135524  | 39.505 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 990597   | 40.403 | ng    | 99       |
| 77) Benzidine                 | 12.733 | 184  | 205365   | 28.693 | ng    | 98       |
| 78) Pyrene                    | 12.845 | 202  | 977510   | 49.198 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.469 | 149  | 374366   | 44.631 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 618983   | 41.955 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 140096   | 28.562 | ng    | 99       |
| 83) Chrysene                  | 14.074 | 228  | 576871   | 41.340 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 413347   | 40.022 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 597982   | 40.743 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.110 | 276  | 820554   | 52.623 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 545222   | 39.600 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 542725   | 40.466 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 522377   | 40.881 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.133 | 278  | 673331   | 52.159 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.586 | 276  | 683985   | 53.440 | ng    | 97       |

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

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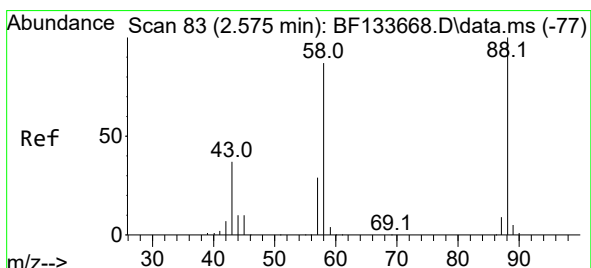
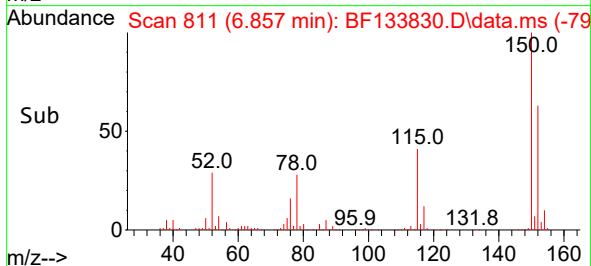
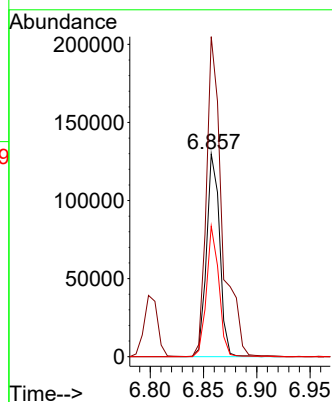
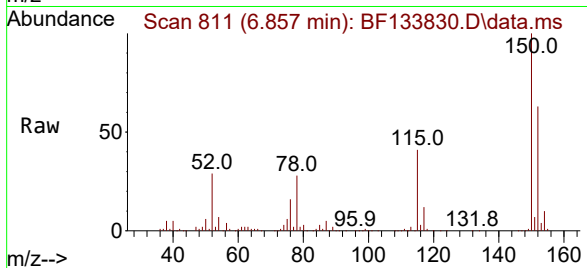




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF133830.D  
 Acq: 19 Jun 2023 13:02

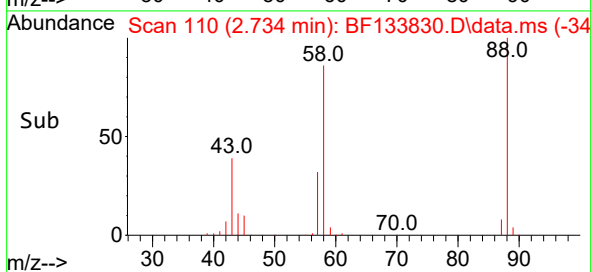
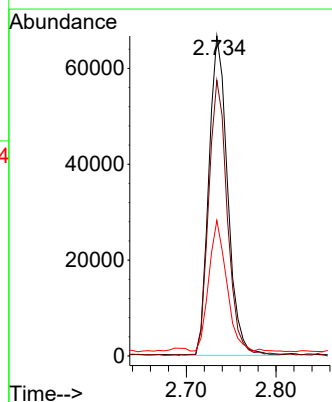
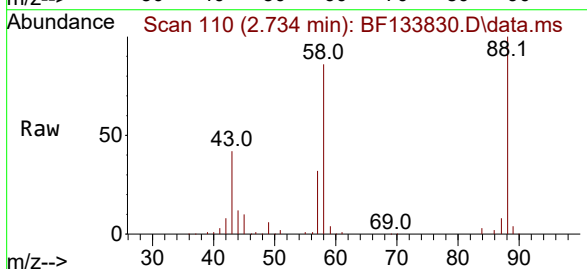
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 PB153176BS

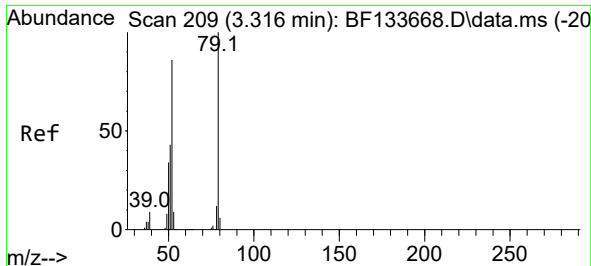
Tgt Ion:152 Resp: 111518  
 Ion Ratio Lower Upper  
 152 100  
 150 157.8 124.3 186.5  
 115 64.4 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 34.369 ng  
 RT: 2.734 min Scan# 110  
 Delta R.T. 0.094 min  
 Lab File: BF133830.D  
 Acq: 19 Jun 2023 13:02

Tgt Ion: 88 Resp: 96792  
 Ion Ratio Lower Upper  
 88 100  
 58 85.7 67.8 101.6  
 43 39.5 29.8 44.6



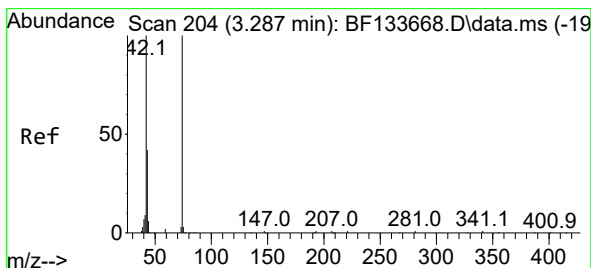
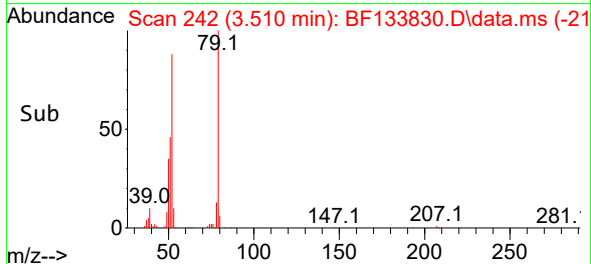
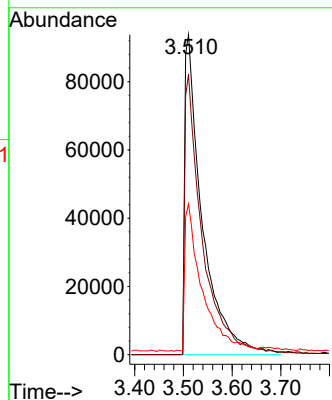
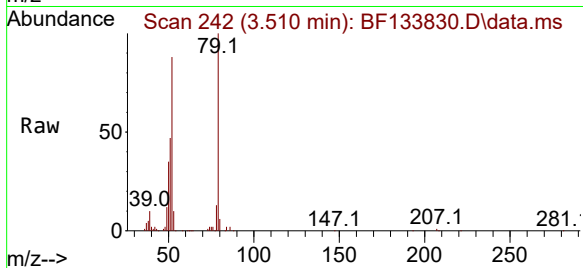


#3  
 Pyridine  
 Concen: 28.510 ng  
 RT: 3.510 min Scan# 24  
 Delta R.T. 0.082 min  
 Lab File: BF133830.D  
 Acq: 19 Jun 2023 13:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153176BS

Tgt Ion: 79 Resp: 234023  

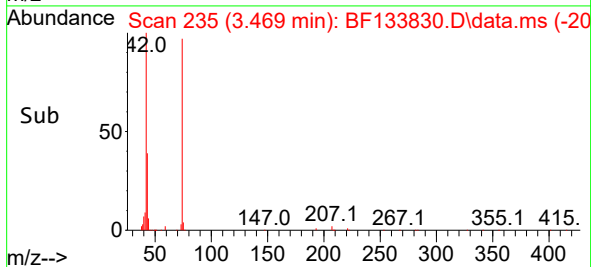
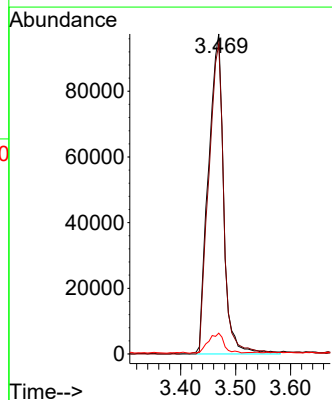
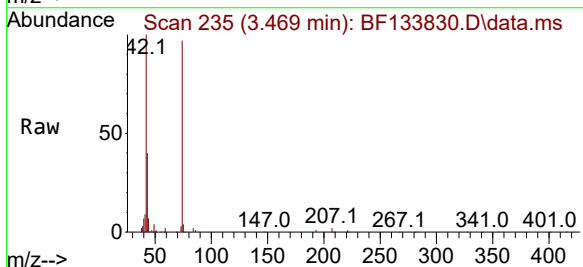
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 87.6  | 68.6  | 102.8 |
| 51  | 47.1  | 34.8  | 52.2  |

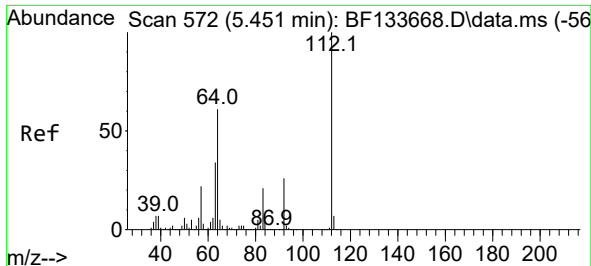


#4  
 n-Nitrosodimethylamine  
 Concen: 41.312 ng  
 RT: 3.469 min Scan# 235  
 Delta R.T. 0.082 min  
 Lab File: BF133830.D  
 Acq: 19 Jun 2023 13:02

Tgt Ion: 42 Resp: 187446  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 96.9  | 79.8  | 119.8 |
| 44  | 6.5   | 4.7   | 7.1   |

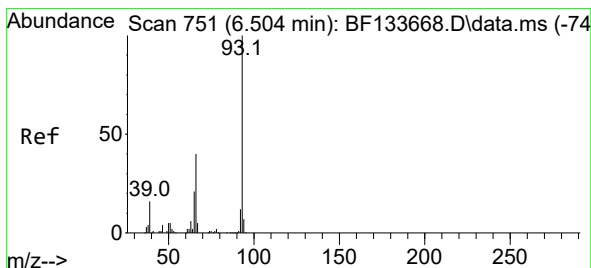
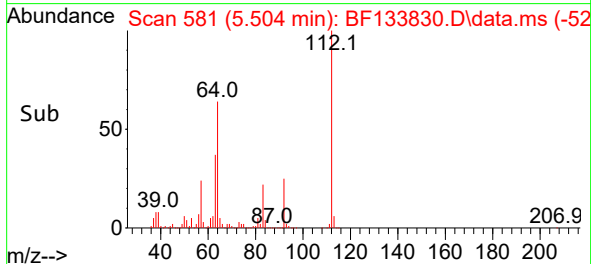
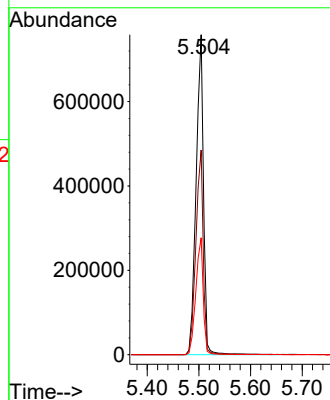
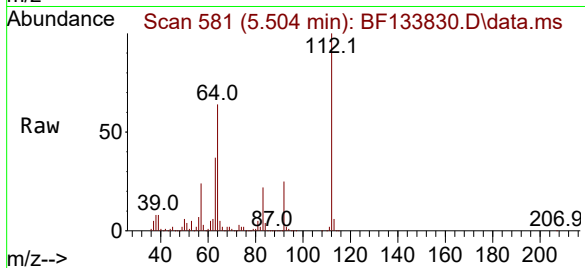




#5  
2-Fluorophenol  
Concen: 117.898 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

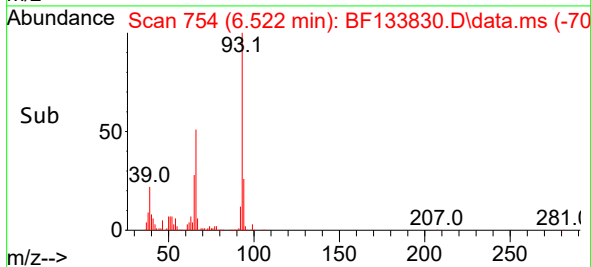
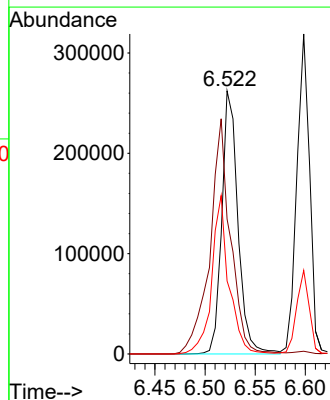
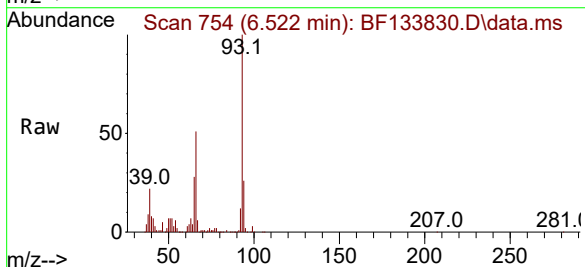
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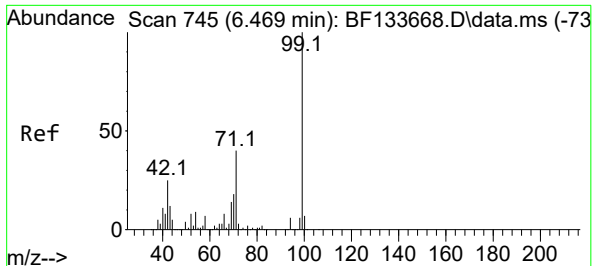
Tgt Ion:112 Resp: 755230  
Ion Ratio Lower Upper  
112 100  
64 63.9 49.0 73.4  
63 36.6 26.8 40.2



#6  
Aniline  
Concen: 27.917 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion: 93 Resp: 293190  
Ion Ratio Lower Upper  
93 100  
66 51.2 34.4 51.6  
65 27.8 17.5 26.3#

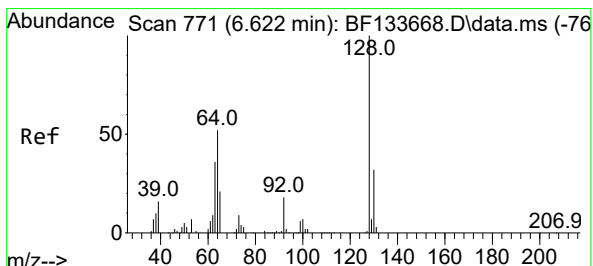
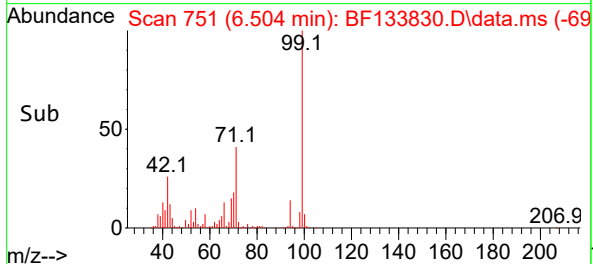
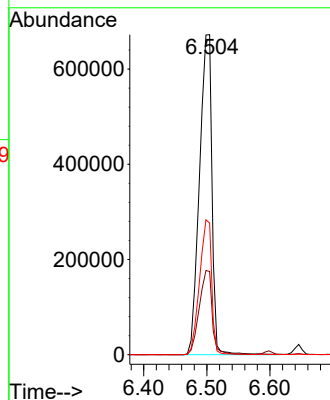
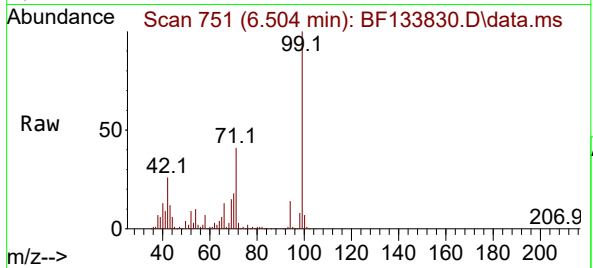




#7  
Phenol-d6  
Concen: 110.673 ng  
RT: 6.504 min Scan# 711  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

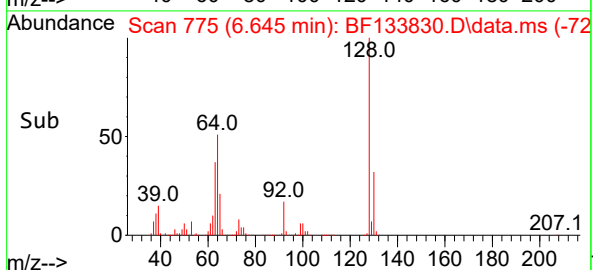
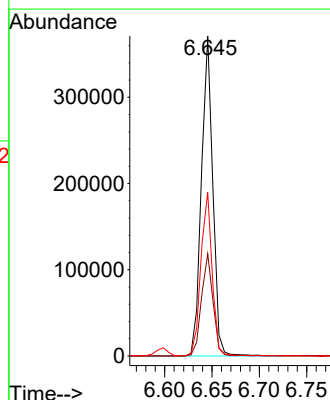
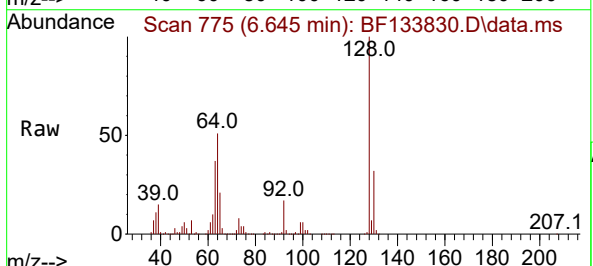
Instrument :  
BNA\_F  
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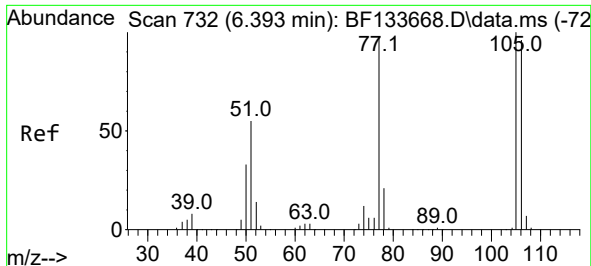
Tgt Ion: 99 Resp: 922811  
Ion Ratio Lower Upper  
99 100  
42 26.0 19.9 29.9  
71 41.2 32.2 48.4



#8  
2-Chlorophenol  
Concen: 45.891 ng  
RT: 6.645 min Scan# 775  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion: 128 Resp: 309798  
Ion Ratio Lower Upper  
128 100  
130 31.9 12.3 52.3  
64 51.1 33.1 73.1

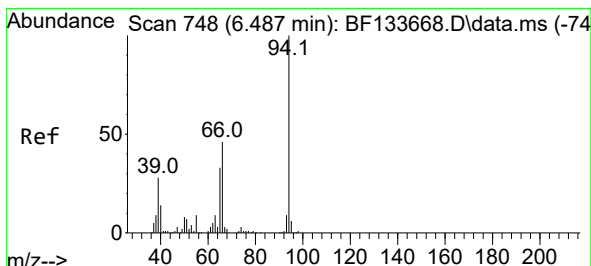
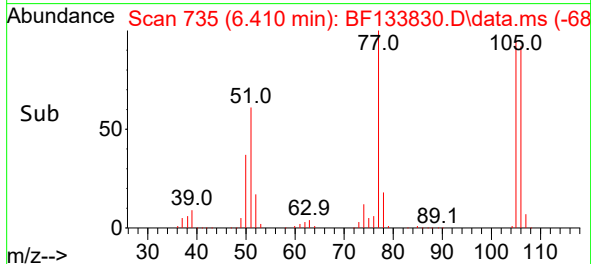
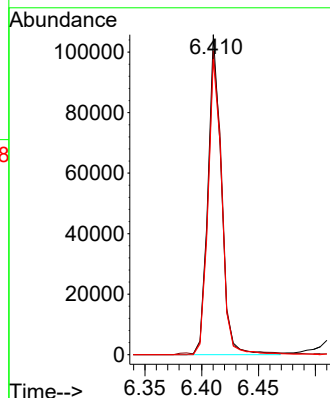
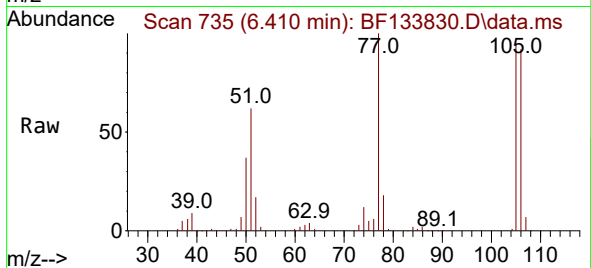




#9  
Benzaldehyde  
Concen: 15.674 ng  
RT: 6.410 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

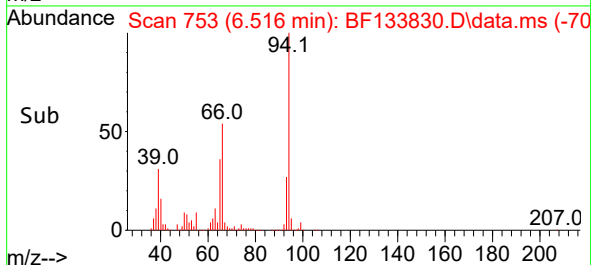
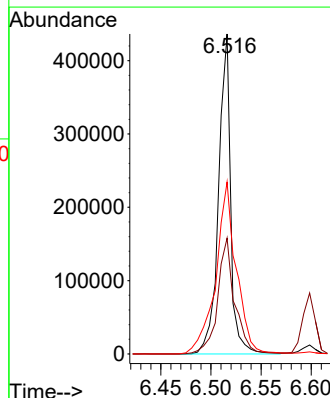
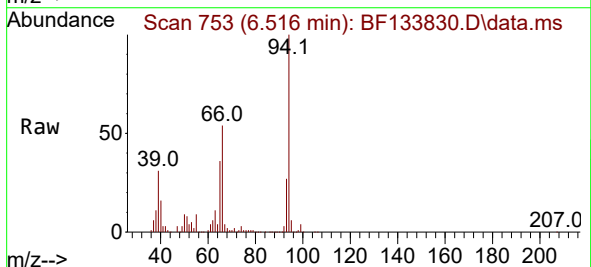
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

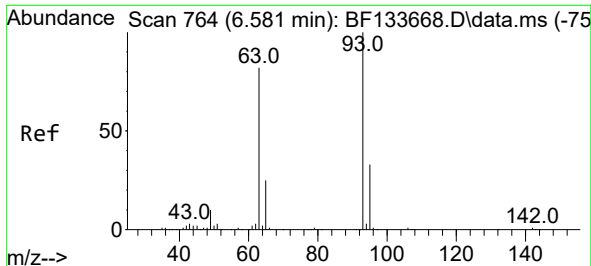
Tgt Ion: 77 Resp: 86706  
Ion Ratio Lower Upper  
77 100  
105 95.0 82.0 122.0  
106 92.3 77.6 117.6



#10  
Phenol  
Concen: 42.103 ng  
RT: 6.516 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion: 94 Resp: 366576  
Ion Ratio Lower Upper  
94 100  
65 36.2 13.2 53.2  
66 53.7 26.1 66.1

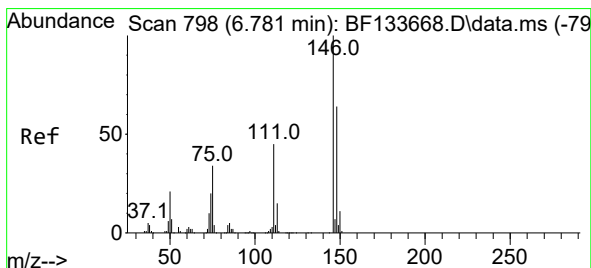
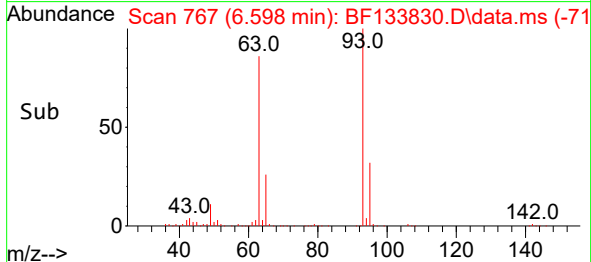
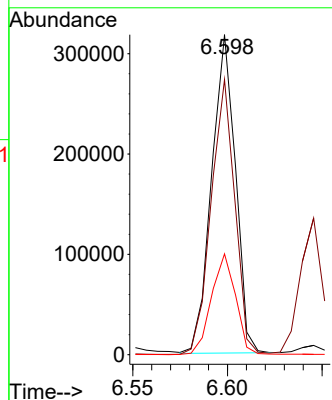
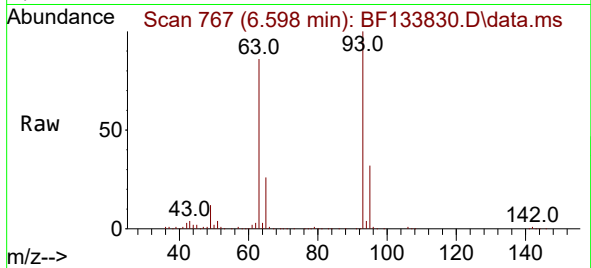




#11  
bis(2-Chloroethyl)ether  
Concen: 42.965 ng  
RT: 6.598 min Scan# 701  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

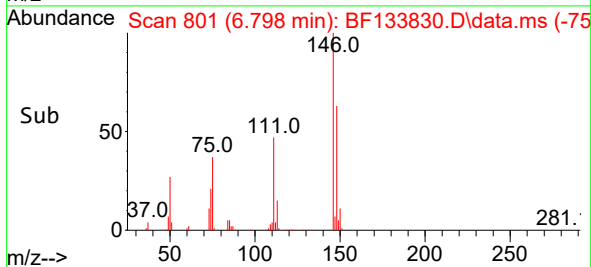
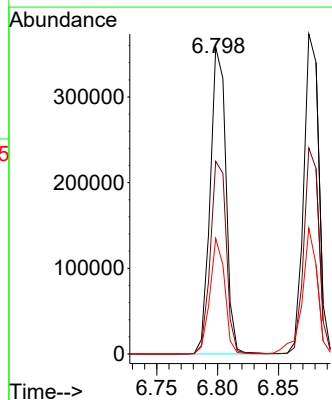
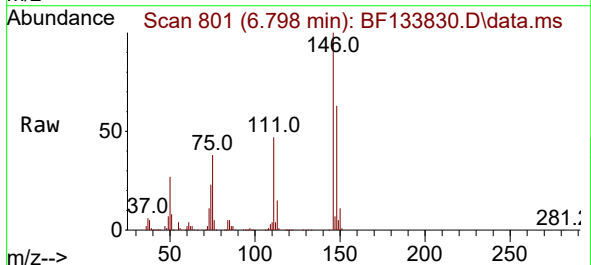
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

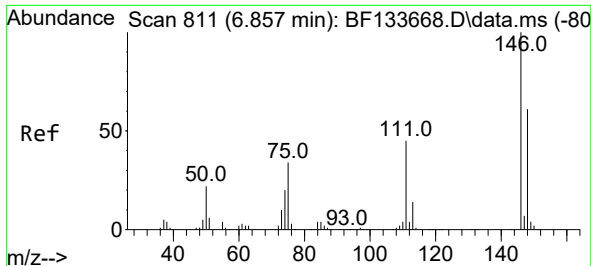
Tgt Ion: 93 Resp: 277717  
Ion Ratio Lower Upper  
93 100  
63 86.0 62.1 102.1  
95 31.5 13.0 53.0



#12  
1,3-Dichlorobenzene  
Concen: 44.484 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion: 146 Resp: 320847  
Ion Ratio Lower Upper  
146 100  
148 62.8 50.9 76.3  
75 37.7 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 44.871 ng

RT: 6.875 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

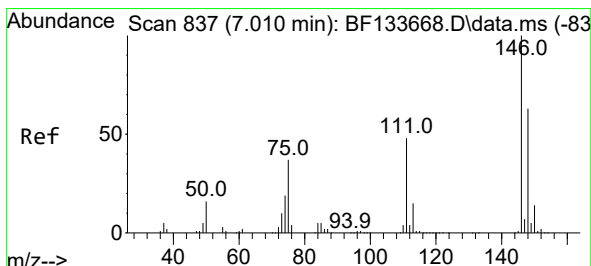
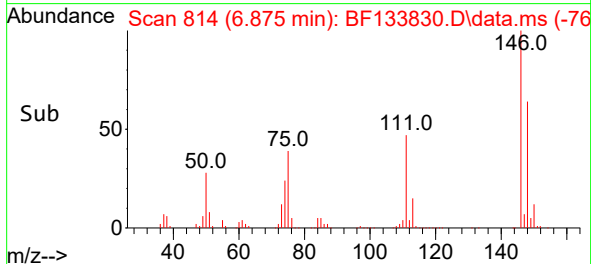
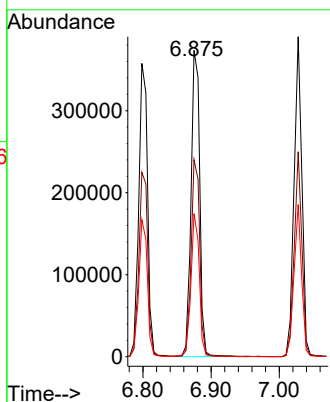
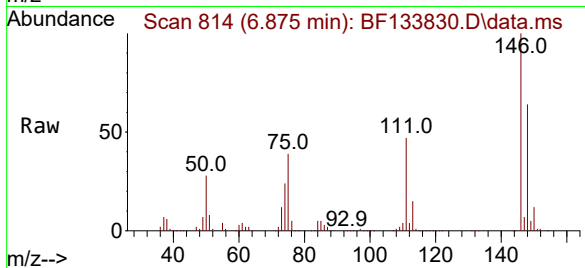
Tgt Ion:146 Resp: 327113

Ion Ratio Lower Upper

146 100

148 64.3 48.9 73.3

111 46.7 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 47.403 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

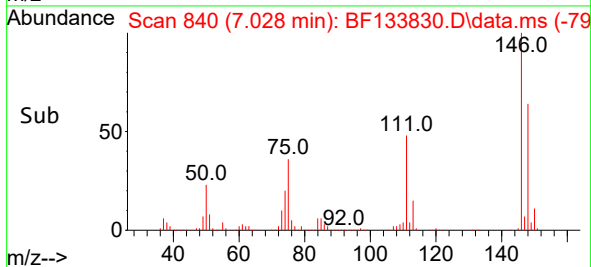
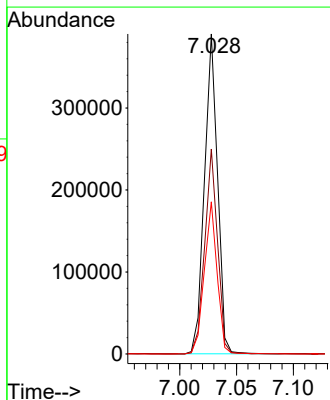
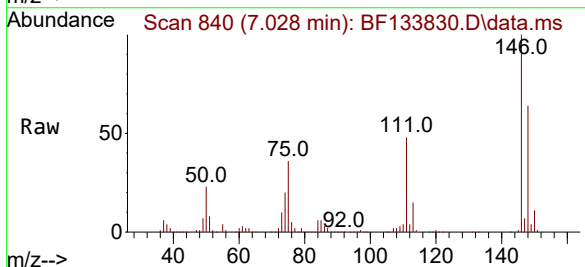
Tgt Ion:146 Resp: 312253

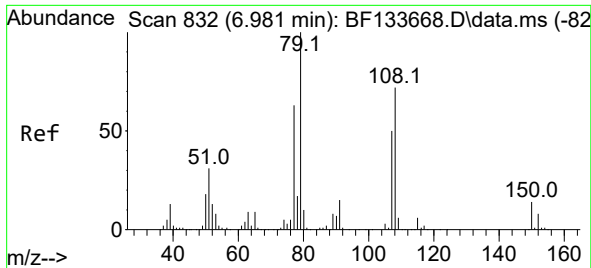
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 47.5 38.7 58.1

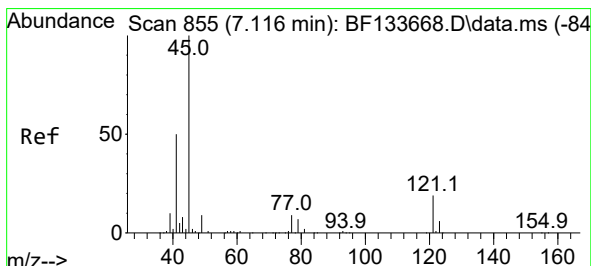
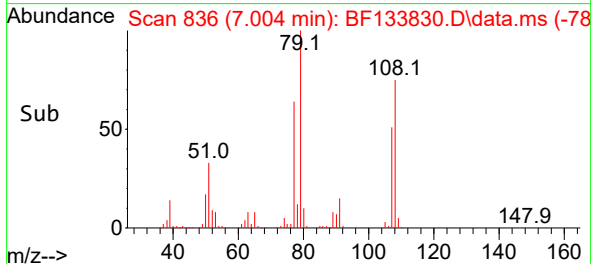
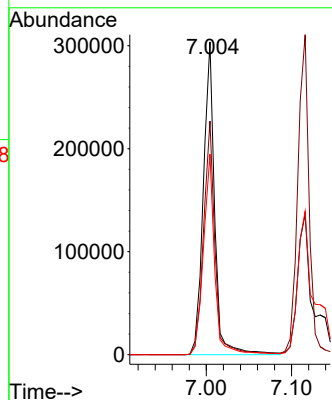
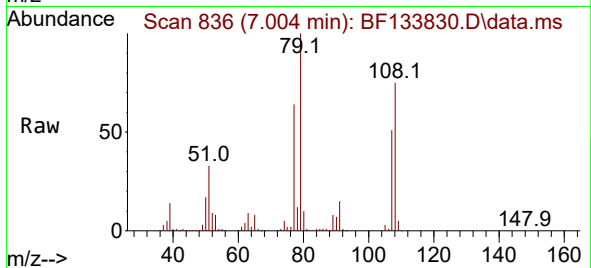




#15  
Benzyl Alcohol  
Concen: 43.101 ng  
RT: 7.004 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

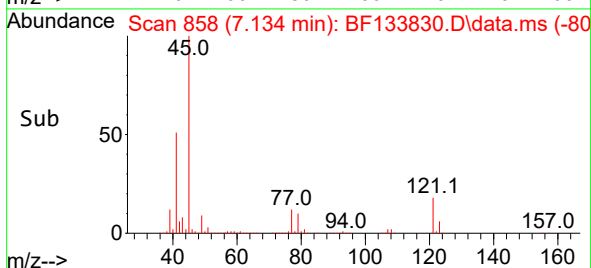
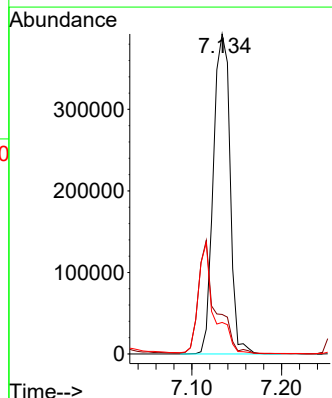
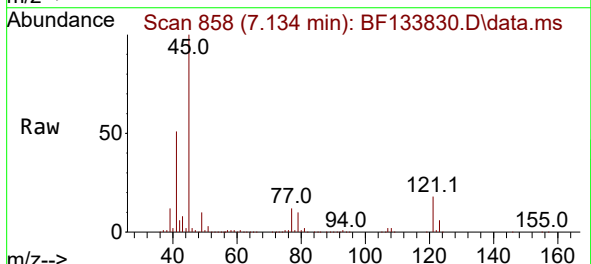
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

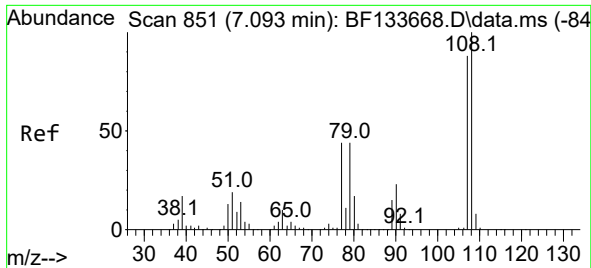
Tgt Ion: 79 Resp: 280691  
Ion Ratio Lower Upper  
79 100  
108 74.7 57.9 86.9  
77 64.1 50.4 75.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.225 ng  
RT: 7.134 min Scan# 858  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion: 45 Resp: 506489  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 32.3  
79 9.8 0.0 29.4

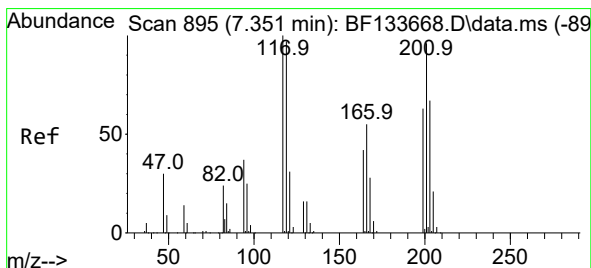
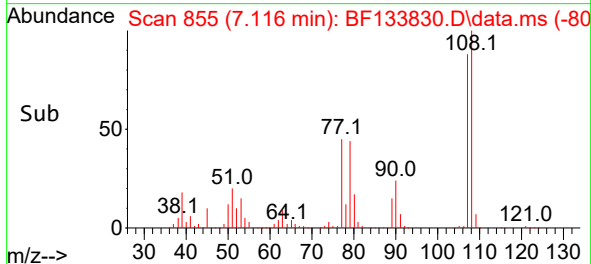
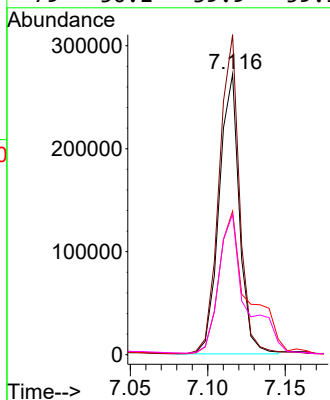
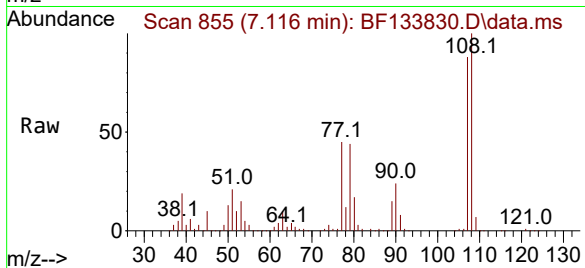




#17  
2-Methylphenol  
Concen: 41.336 ng  
RT: 7.116 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

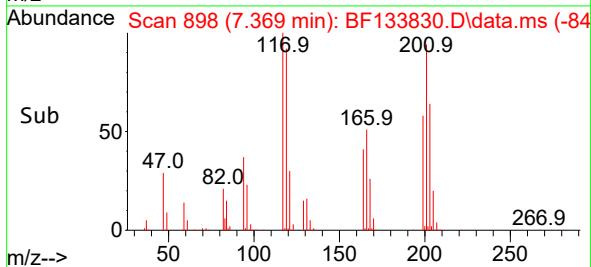
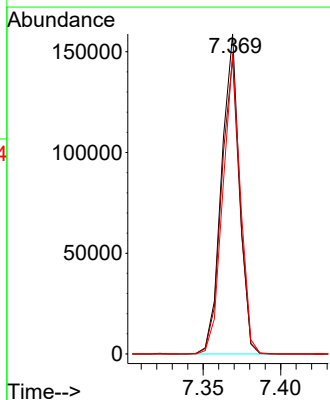
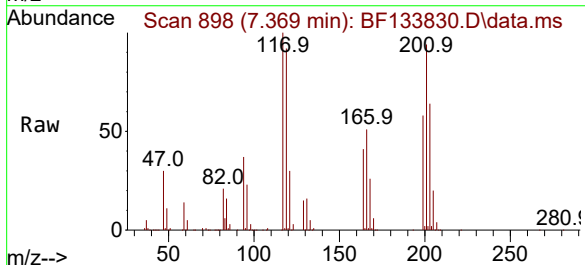
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

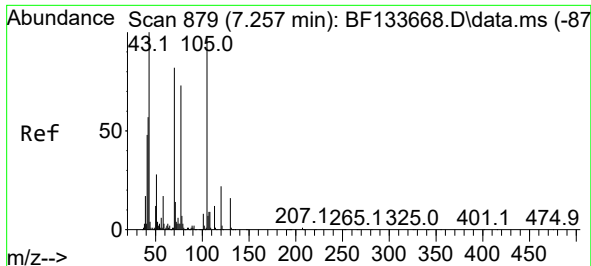
Tgt Ion:107 Resp: 247334  
Ion Ratio Lower Upper  
107 100  
108 114.1 90.9 136.3  
77 51.2 39.8 59.6  
79 50.1 39.9 59.9



#18  
Hexachloroethane  
Concen: 51.066 ng  
RT: 7.369 min Scan# 898  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:117 Resp: 127445  
Ion Ratio Lower Upper  
117 100  
119 92.3 77.3 115.9  
201 93.9 76.8 115.2

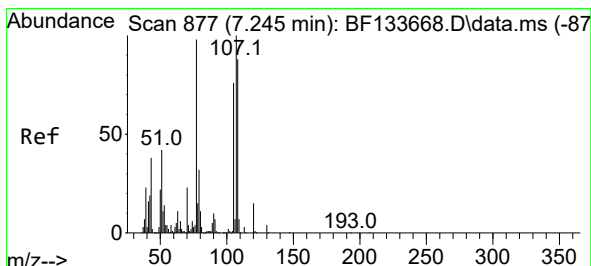
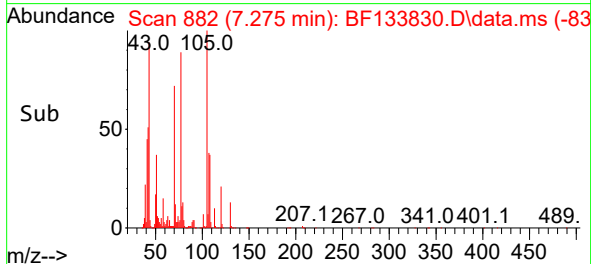
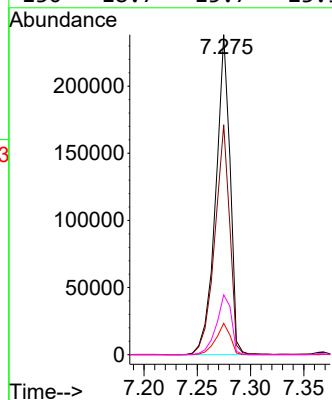
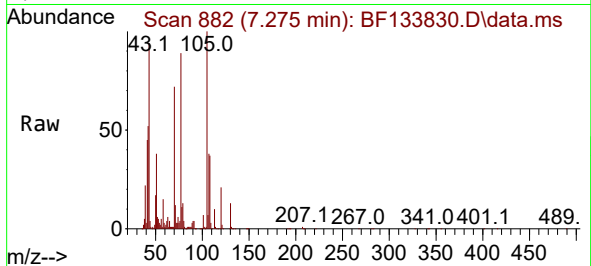




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.178 ng  
RT: 7.275 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

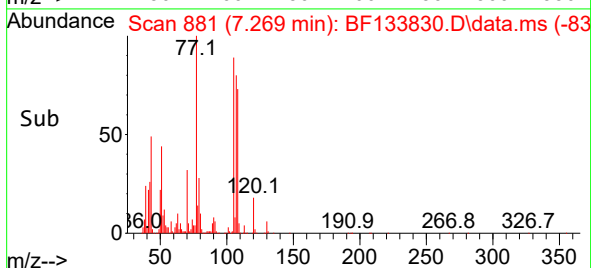
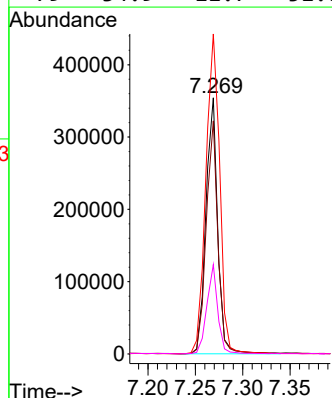
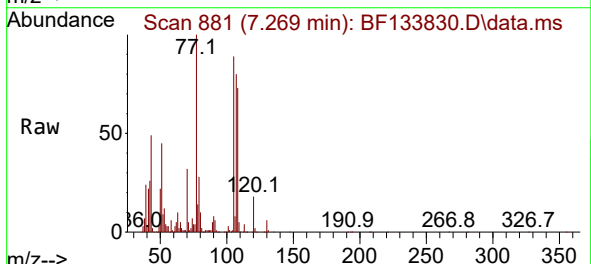
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

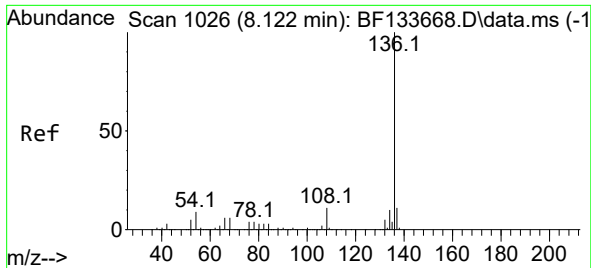
Tgt Ion: 70 Resp: 223761  
Ion Ratio Lower Upper  
70 100  
42 71.8 55.8 83.8  
101 9.8 8.1 12.1  
130 18.7 15.7 23.5



#20  
3+4-Methylphenols  
Concen: 39.326 ng  
RT: 7.269 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion: 107 Resp: 306107  
Ion Ratio Lower Upper  
107 100  
108 91.0 67.9 107.9  
77 124.9 77.7 117.7#  
79 34.9 11.7 51.7

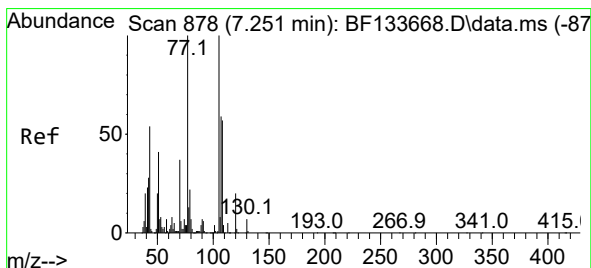
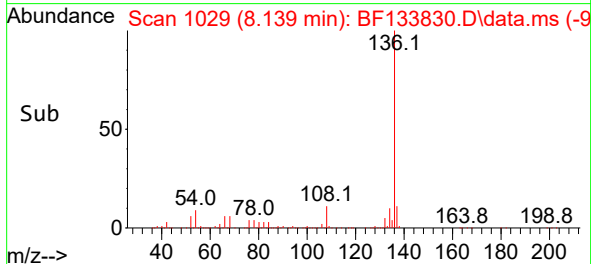
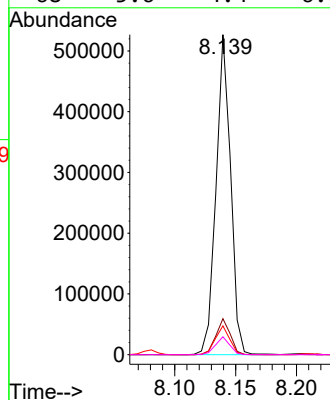
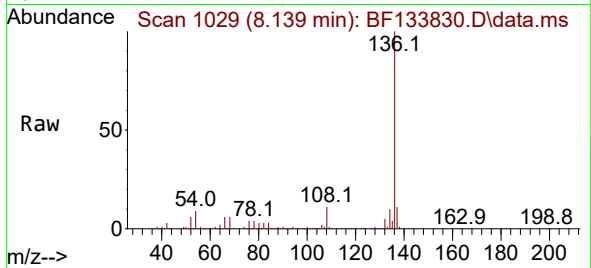




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

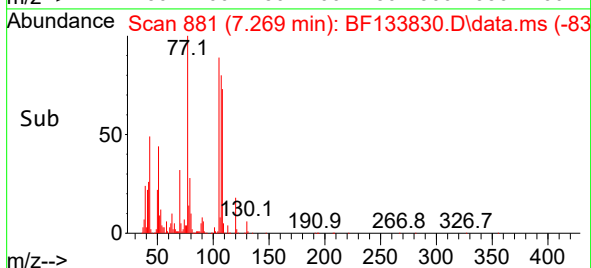
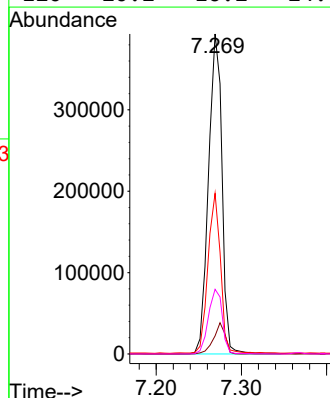
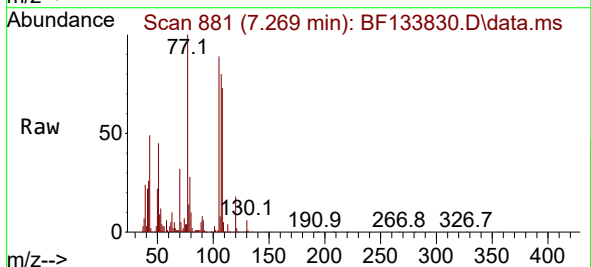
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

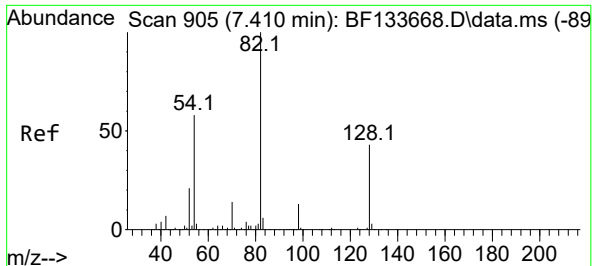
Tgt Ion:136 Resp: 439177  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 9.0 7.4 11.0  
68 5.6 4.4 6.6



#22  
Acetophenone  
Concen: 42.948 ng  
RT: 7.269 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:105 Resp: 432601  
Ion Ratio Lower Upper  
105 100  
71 5.7 4.8 7.2  
51 50.2 33.0 49.4#  
120 20.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 79.291 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

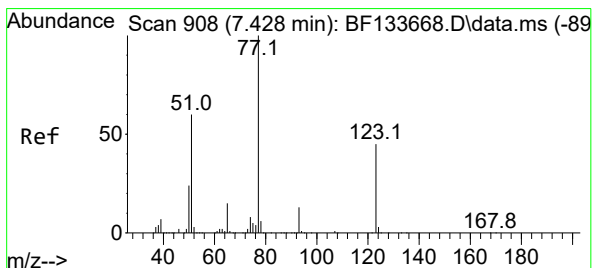
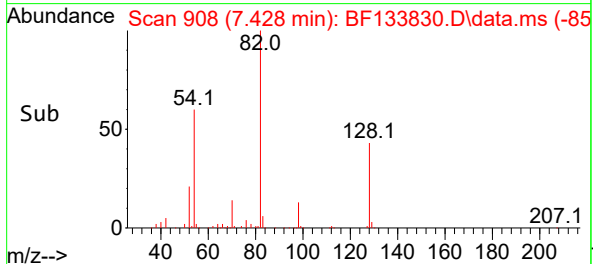
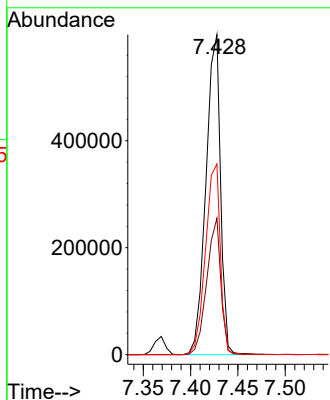
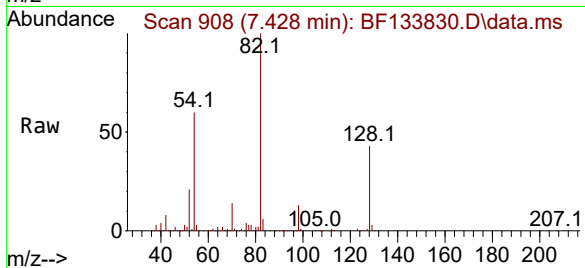
Tgt Ion: 82 Resp: 639344

Ion Ratio Lower Upper

82 100

128 42.6 34.2 51.2

54 59.6 46.5 69.7



#24

Nitrobenzene

Concen: 41.478 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

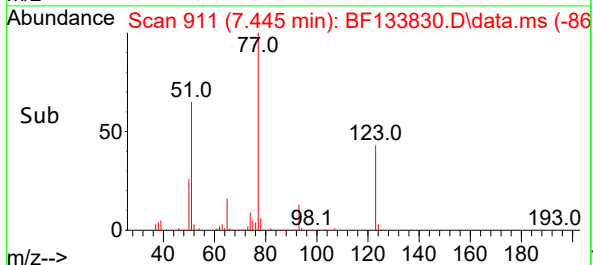
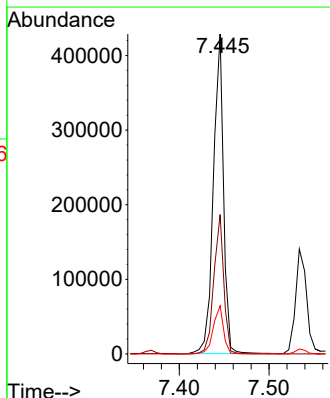
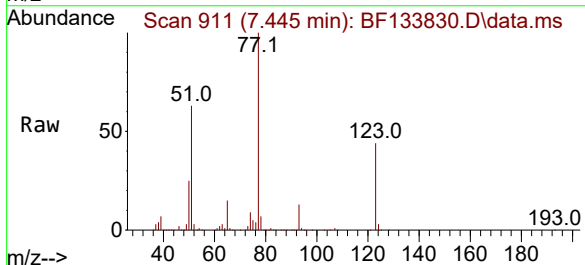
Tgt Ion: 77 Resp: 336770

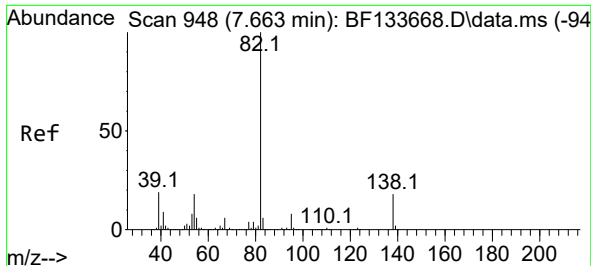
Ion Ratio Lower Upper

77 100

123 43.5 35.8 53.8

65 15.1 11.6 17.4

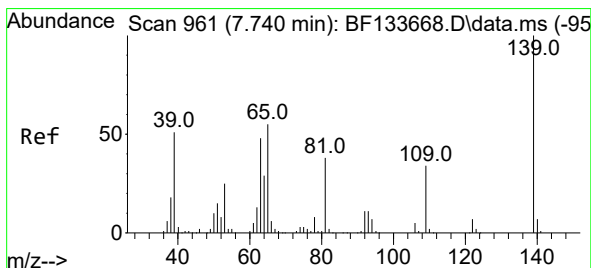
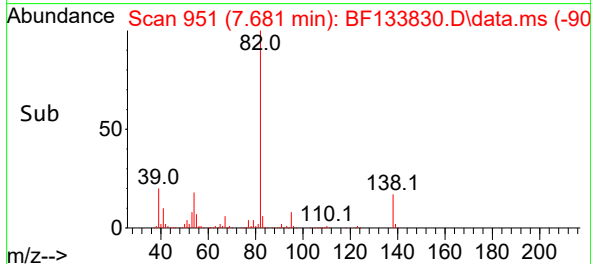
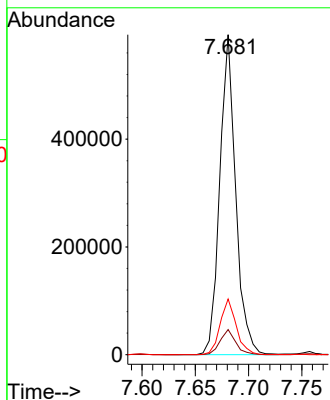
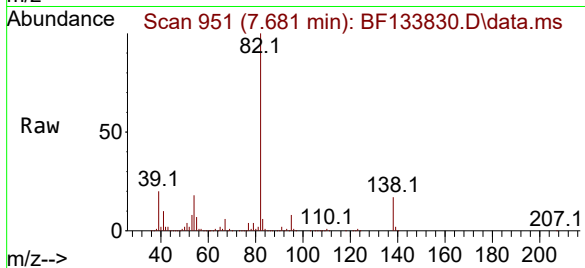




#25  
Isophorone  
Concen: 41.576 ng  
RT: 7.681 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

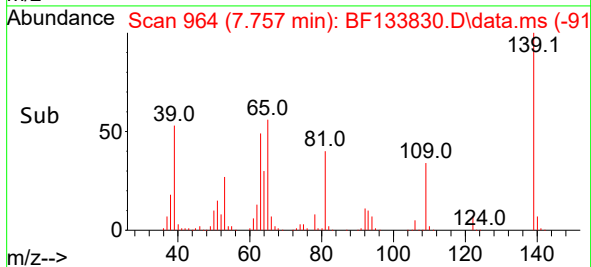
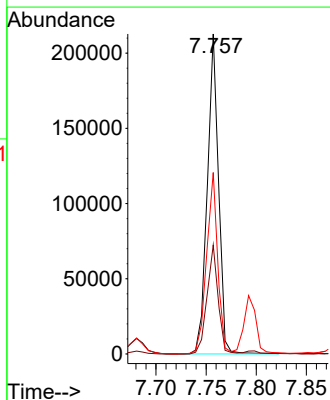
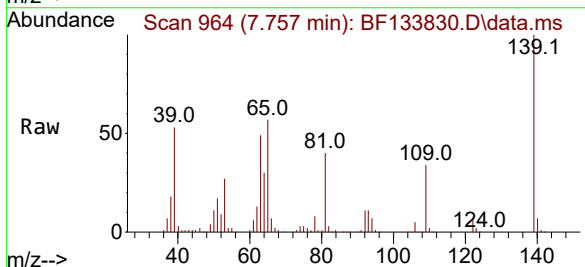
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

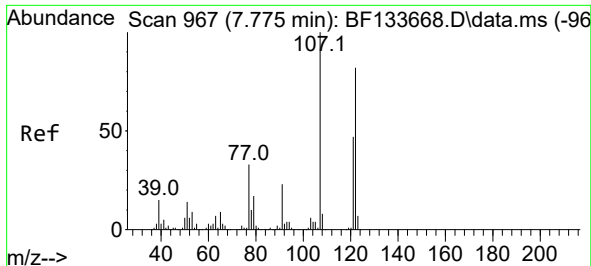
Tgt Ion: 82 Resp: 615457  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.0 9.0  
138 17.4 14.2 21.2



#26  
2-Nitrophenol  
Concen: 45.830 ng  
RT: 7.757 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion: 139 Resp: 166995  
Ion Ratio Lower Upper  
139 100  
109 34.1 27.0 40.6  
65 56.7 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 43.846 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133830.D

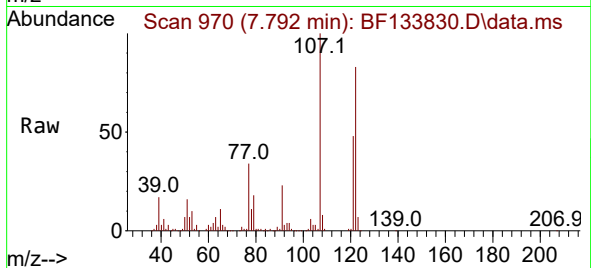
Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS



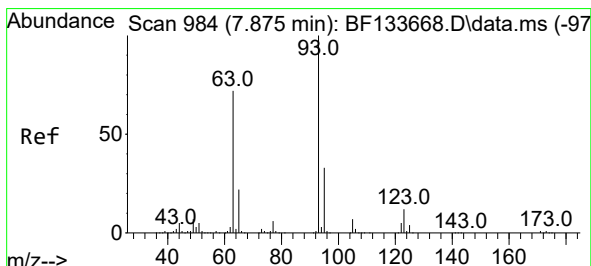
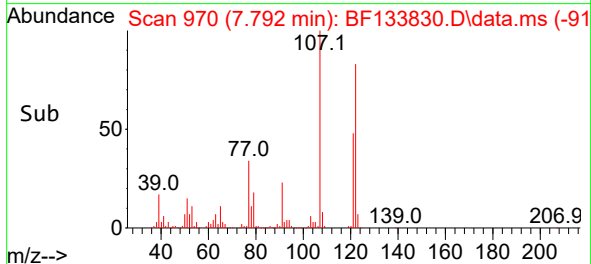
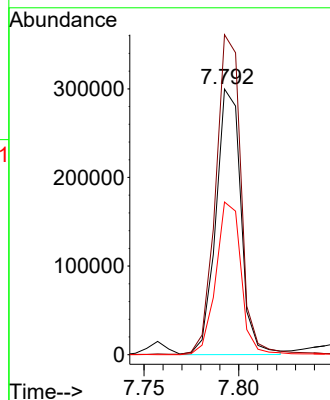
Tgt Ion:122 Resp: 275370

Ion Ratio Lower Upper

122 100

107 120.5 97.8 146.6

121 57.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.343 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

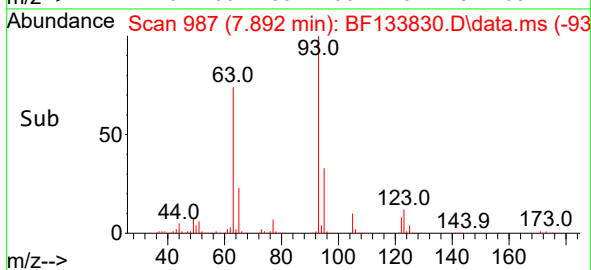
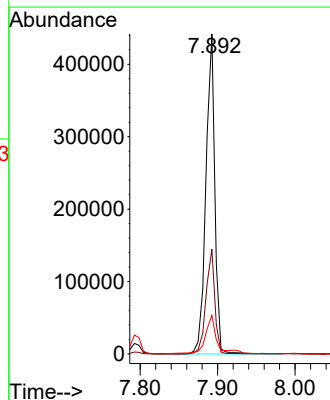
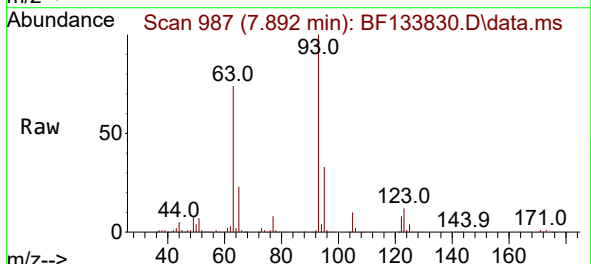
Tgt Ion: 93 Resp: 353717

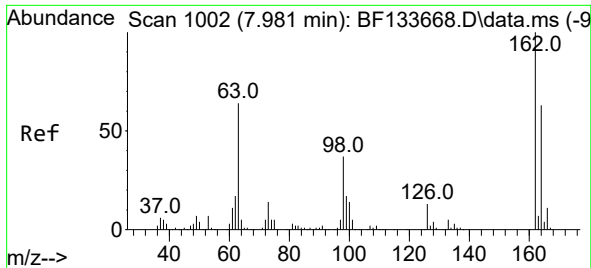
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.779 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

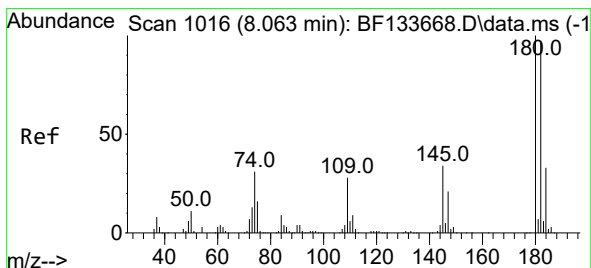
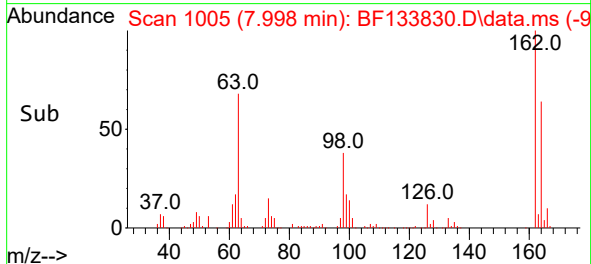
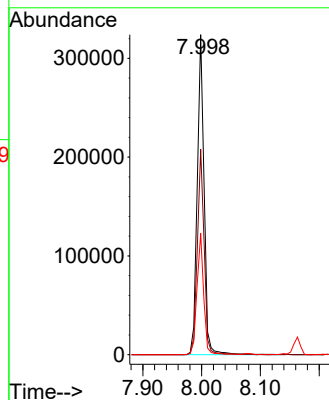
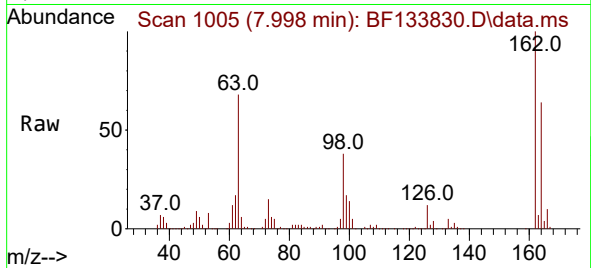
Tgt Ion:162 Resp: 263319

Ion Ratio Lower Upper

162 100

164 64.2 43.4 83.4

98 37.9 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 42.255 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

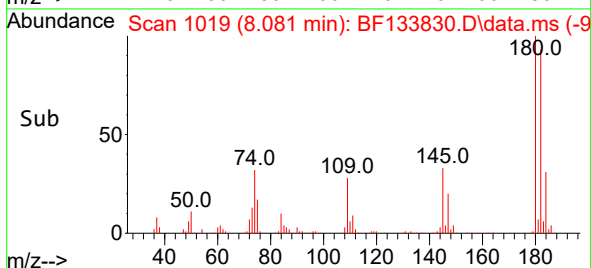
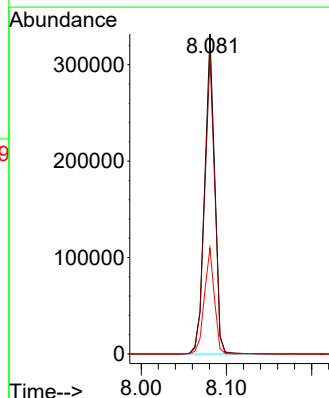
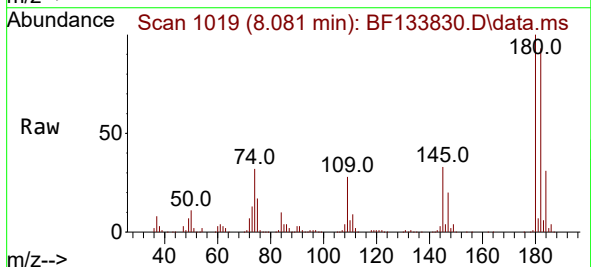
Tgt Ion:180 Resp: 271362

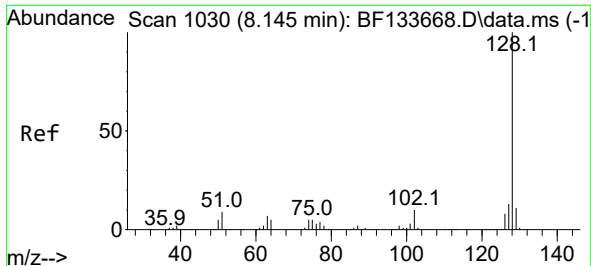
Ion Ratio Lower Upper

180 100

182 93.4 77.8 116.8

145 33.1 27.0 40.4

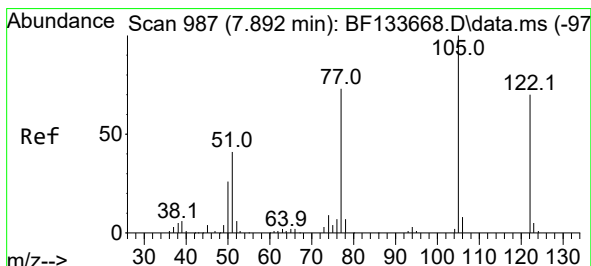
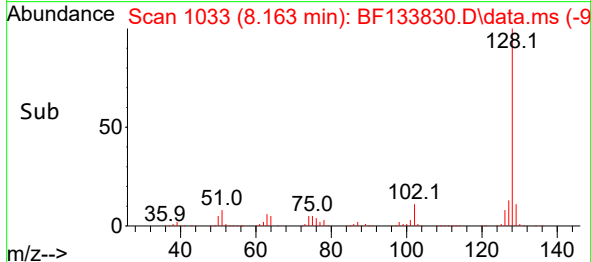
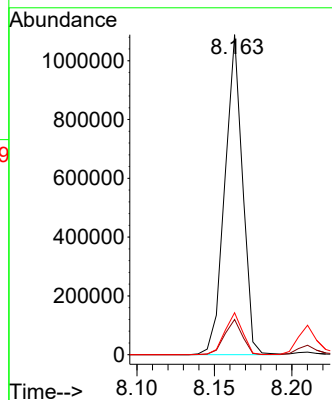
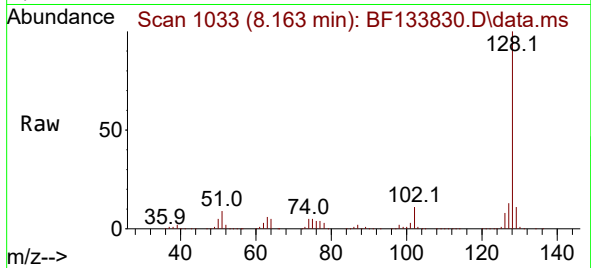




#31  
Naphthalene  
Concen: 40.447 ng  
RT: 8.163 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

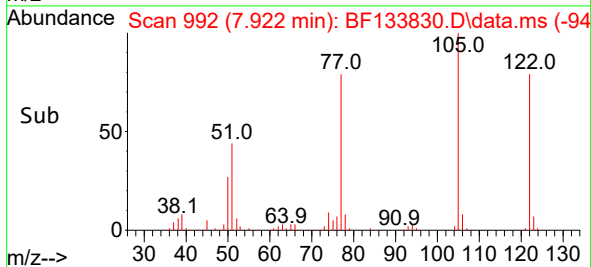
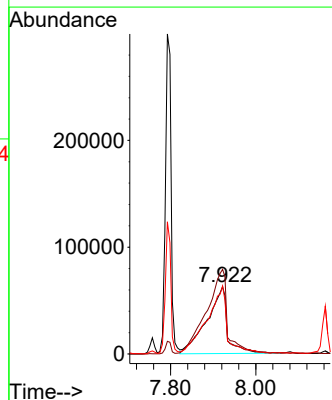
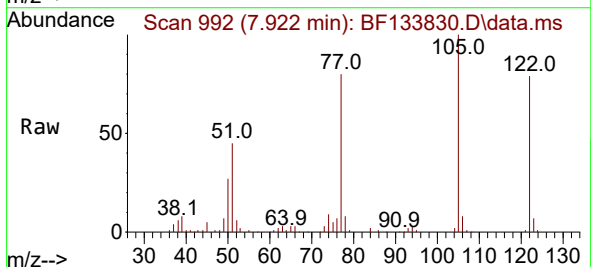
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

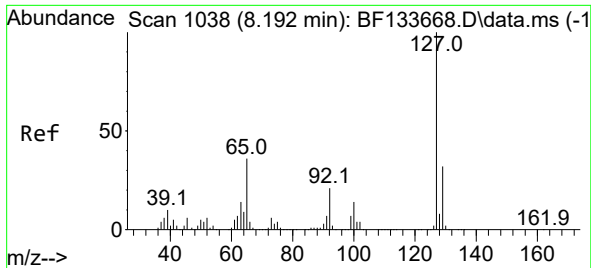
Tgt Ion:128 Resp: 865431  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.1 10.5 15.7



#32  
Benzoic acid  
Concen: 53.469 ng  
RT: 7.922 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:122 Resp: 211790  
Ion Ratio Lower Upper  
122 100  
105 126.1 116.3 156.3  
77 101.2 82.4 122.4

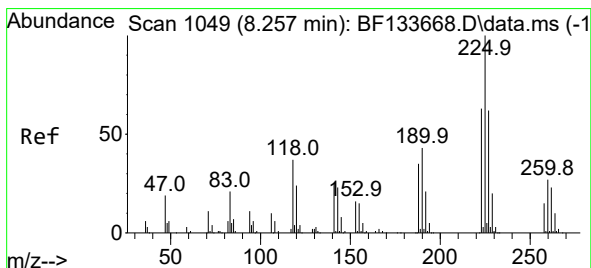
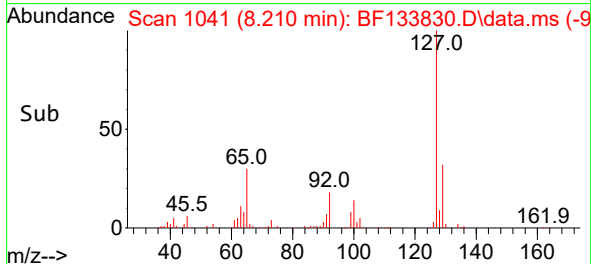
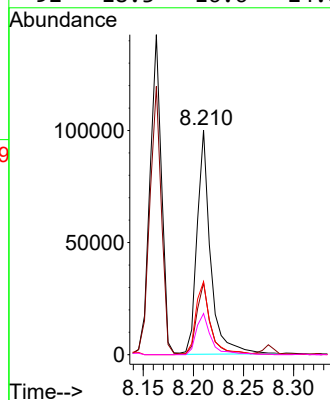
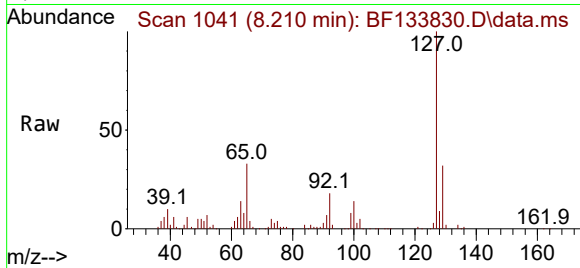




#33  
4-Chloroaniline  
Concen: 10.223 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

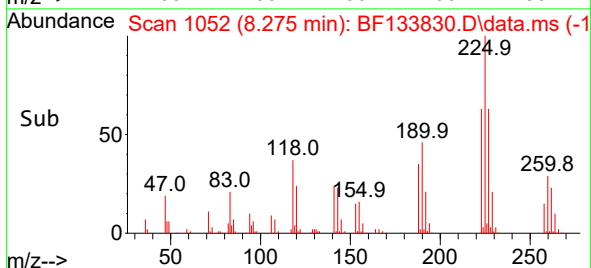
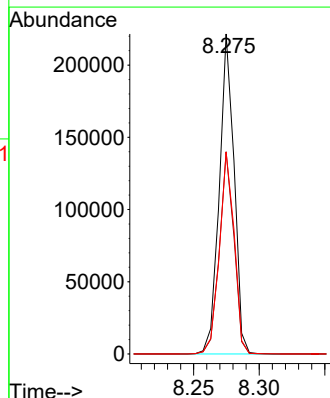
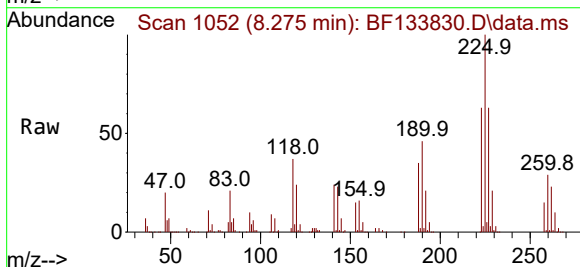
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

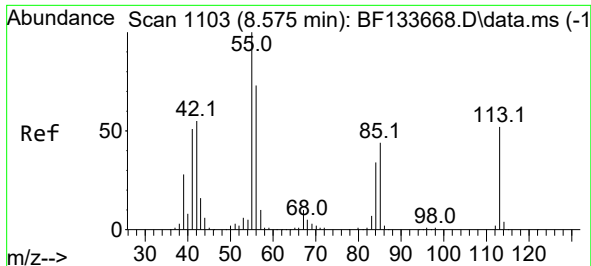
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 93527 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.1  | 25.6  | 38.4  |
| 65       | 32.5  | 28.9  | 43.3  |
| 92       | 18.3  | 16.6  | 24.8  |



#34  
Hexachlorobutadiene  
Concen: 41.202 ng  
RT: 8.275 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 173241 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 50.2  | 75.4   |
| 227      | 63.1  | 49.5  | 74.3   |

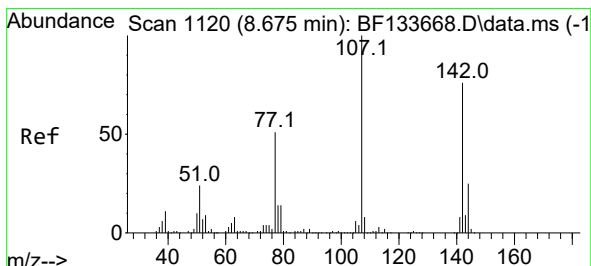
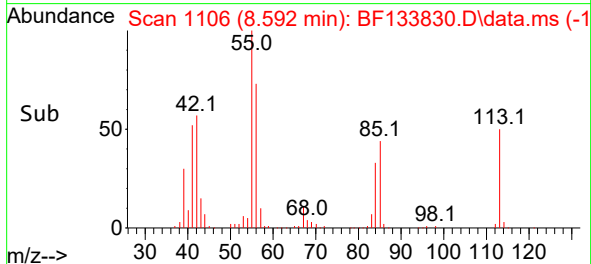
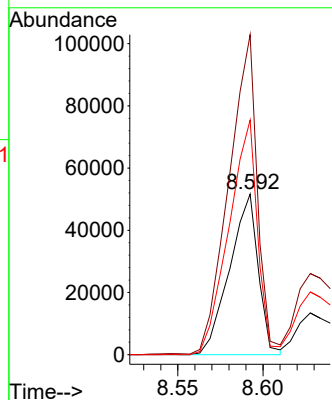
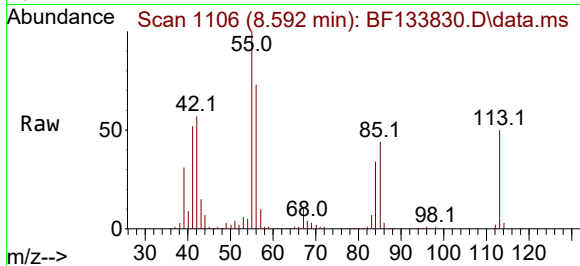




#35  
 Caprolactam  
 Concen: 29.078 ng  
 RT: 8.592 min Scan# 1106  
 Delta R.T. 0.000 min  
 Lab File: BF133830.D  
 Acq: 19 Jun 2023 13:02

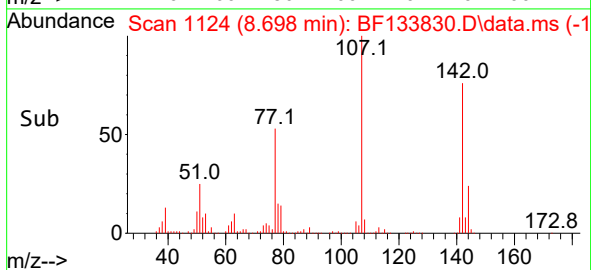
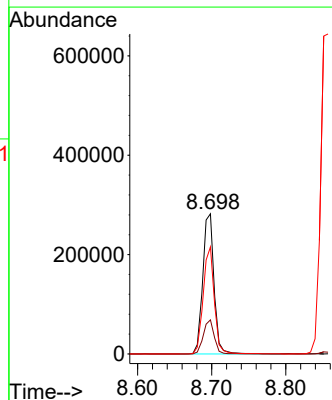
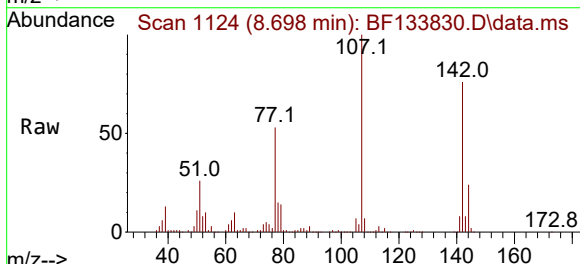
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153176BS

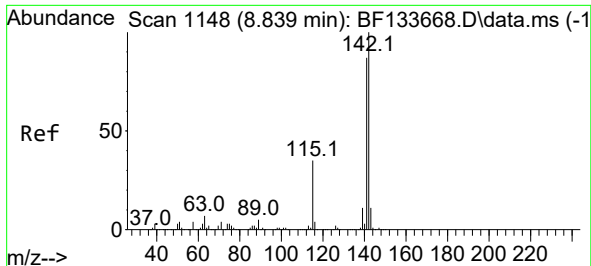
Tgt Ion:113 Resp: 60226  
 Ion Ratio Lower Upper  
 113 100  
 55 199.2 173.3 213.3  
 56 146.2 120.5 160.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.349 ng  
 RT: 8.698 min Scan# 1124  
 Delta R.T. 0.006 min  
 Lab File: BF133830.D  
 Acq: 19 Jun 2023 13:02

Tgt Ion:107 Resp: 300468  
 Ion Ratio Lower Upper  
 107 100  
 144 24.4 19.7 29.5  
 142 76.4 61.1 91.7

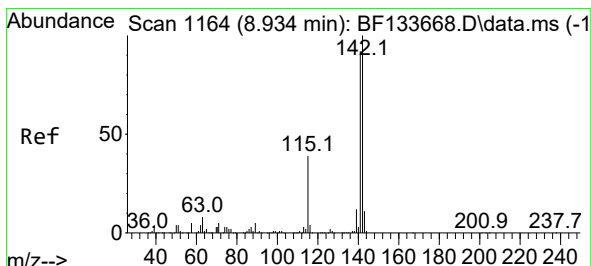
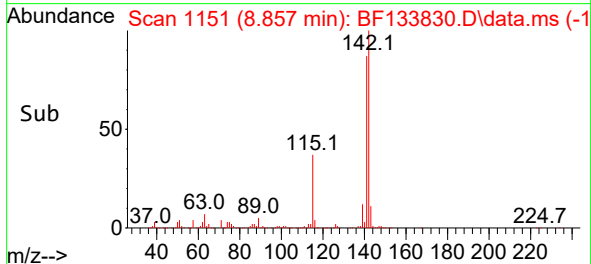
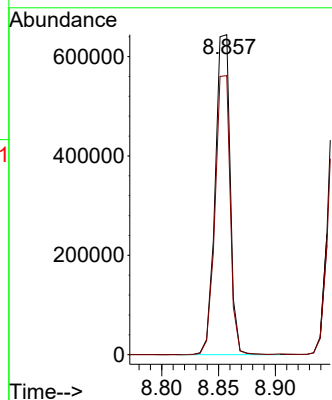
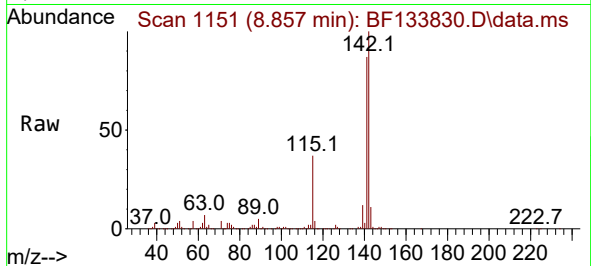




#37  
2-Methylnaphthalene  
Concen: 39.716 ng  
RT: 8.857 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

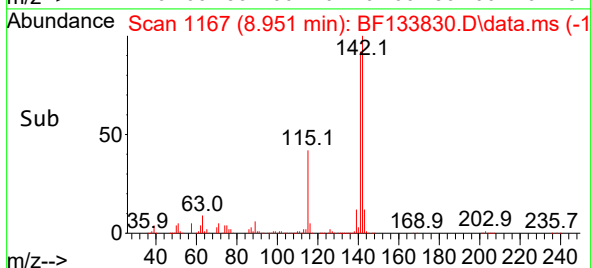
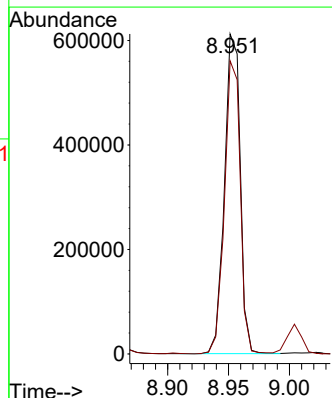
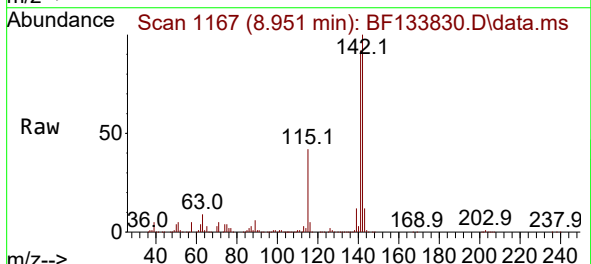
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

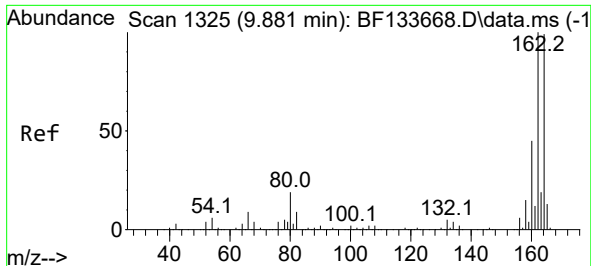
Tgt Ion:142 Resp: 590444  
Ion Ratio Lower Upper  
142 100  
141 87.2 69.8 104.8



#38  
1-Methylnaphthalene  
Concen: 40.366 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:142 Resp: 552220  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

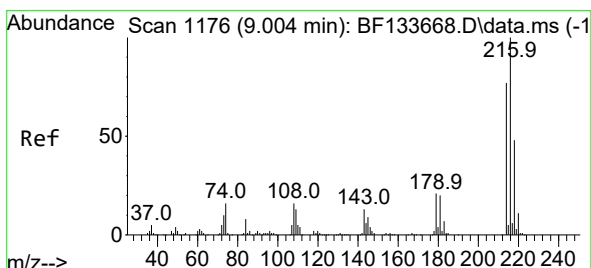
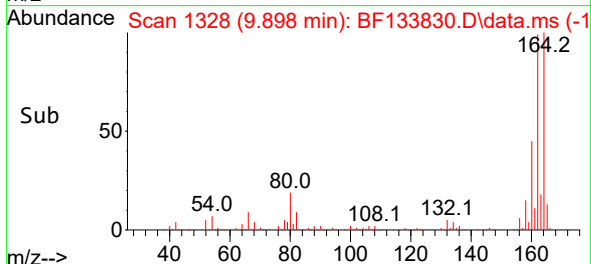
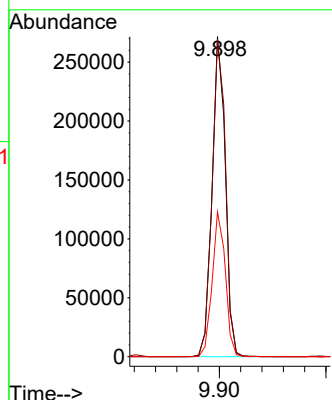
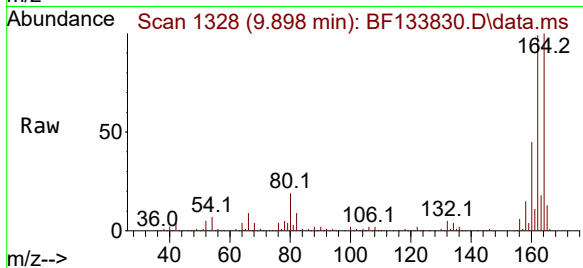
Tgt Ion:164 Resp: 233800

Ion Ratio Lower Upper

164 100

162 99.2 80.8 121.2

160 45.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.795 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Tgt Ion:216 Resp: 275741

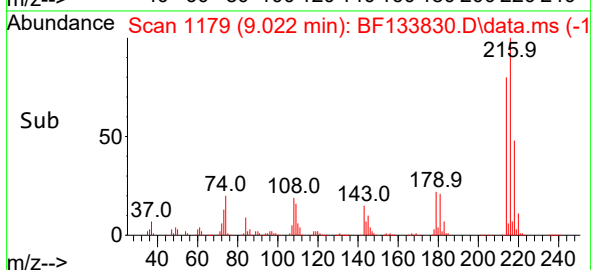
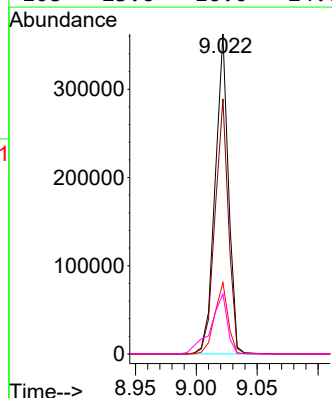
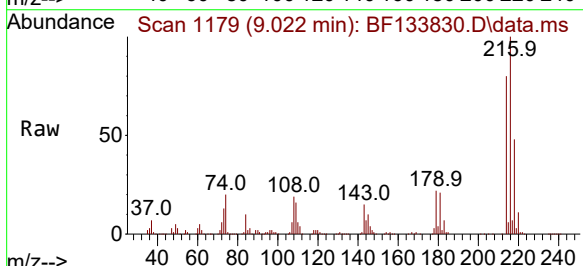
Ion Ratio Lower Upper

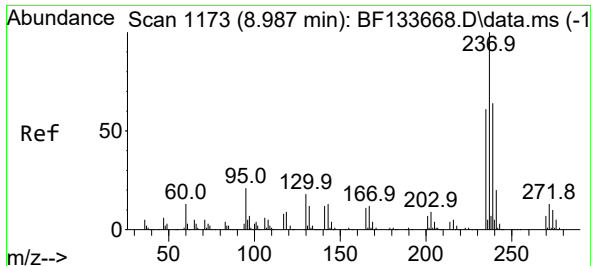
216 100

214 80.3 62.7 94.1

179 22.2 17.6 26.4

108 23.6 16.0 24.0

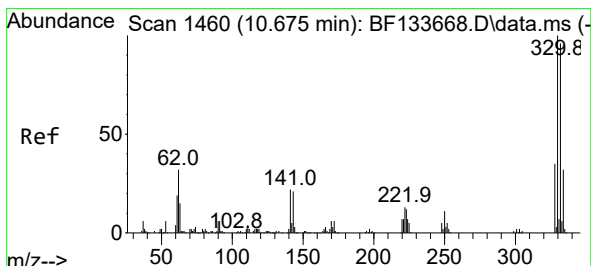
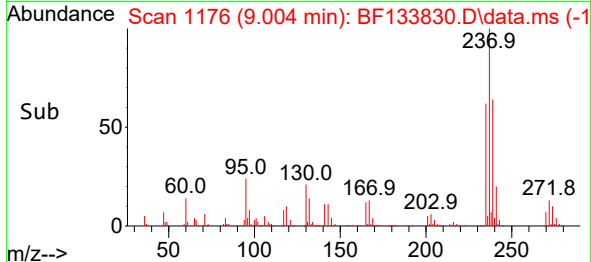
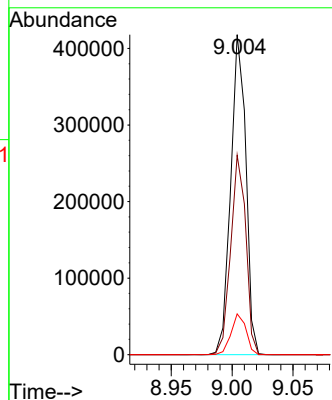
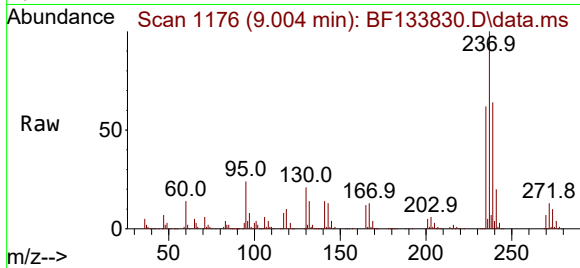




#41  
Hexachlorocyclopentadiene  
Concen: 113.875 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

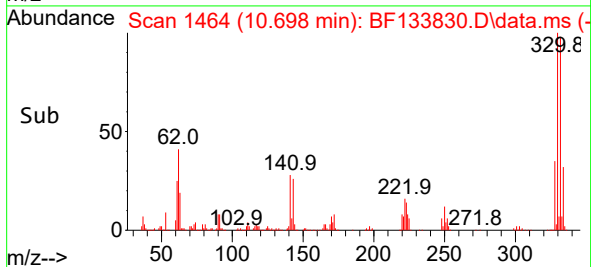
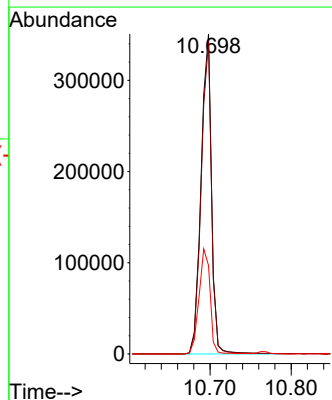
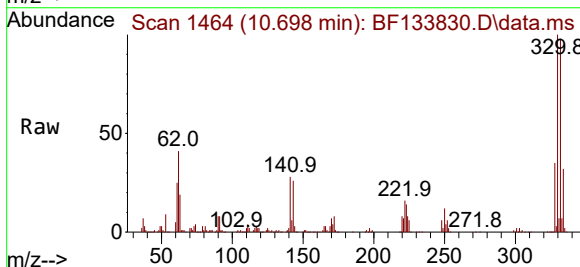
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

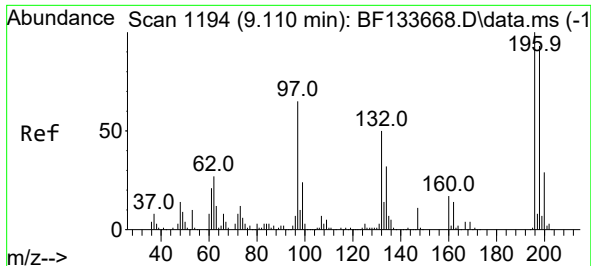
Tgt Ion:237 Resp: 360691  
Ion Ratio Lower Upper  
237 100  
235 62.3 40.6 80.6  
272 12.8 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 106.514 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:330 Resp: 315228  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.2 115.8  
141 34.8 24.9 37.3

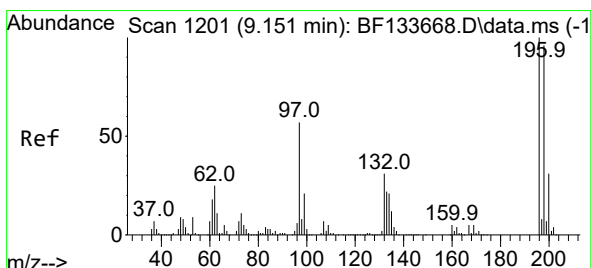
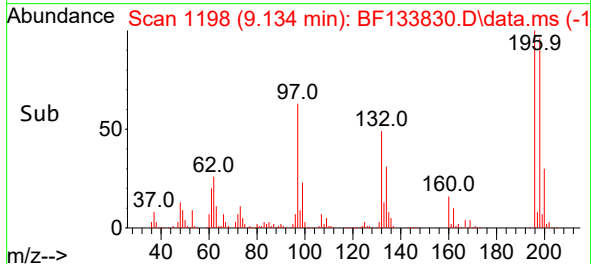
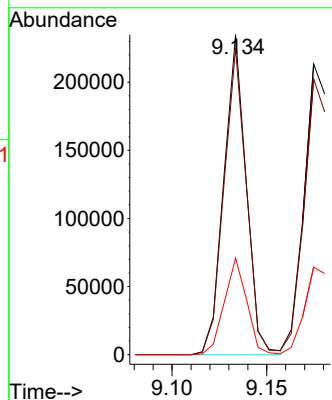
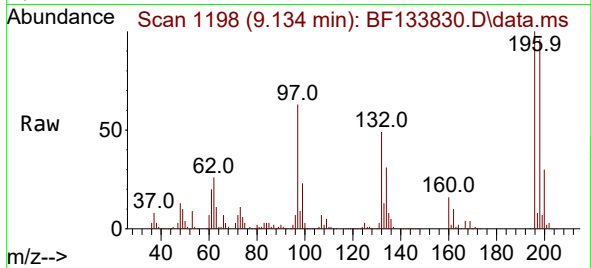




#43  
2,4,6-Trichlorophenol  
Concen: 40.584 ng  
RT: 9.134 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

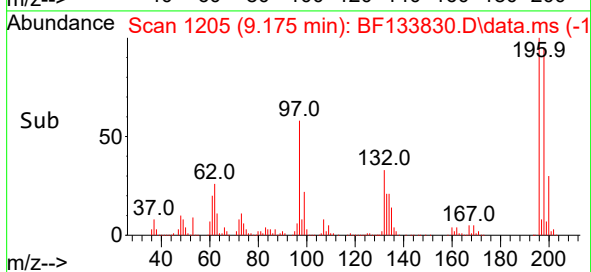
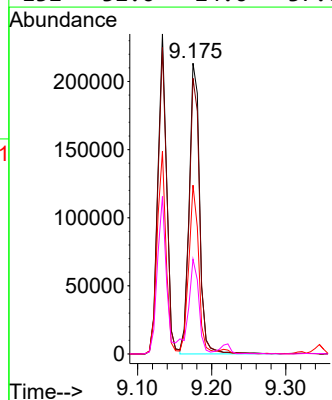
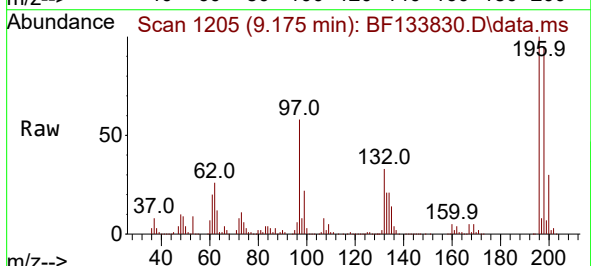
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

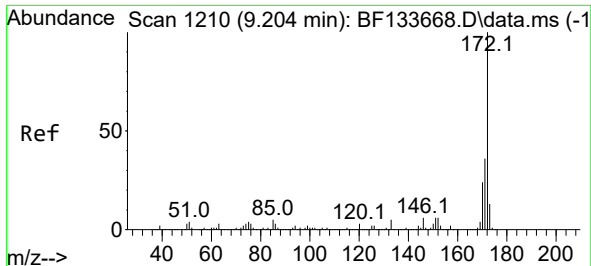
Tgt Ion:196 Resp: 192761  
Ion Ratio Lower Upper  
196 100  
198 95.8 74.5 111.7  
200 30.2 22.9 34.3



#44  
2,4,5-Trichlorophenol  
Concen: 38.039 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:196 Resp: 210194  
Ion Ratio Lower Upper  
196 100  
198 94.8 76.8 115.2  
97 58.1 45.4 68.2  
132 32.6 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 73.371 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

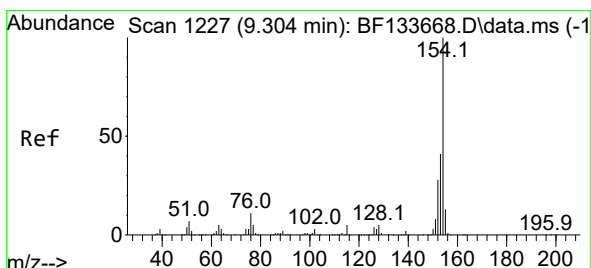
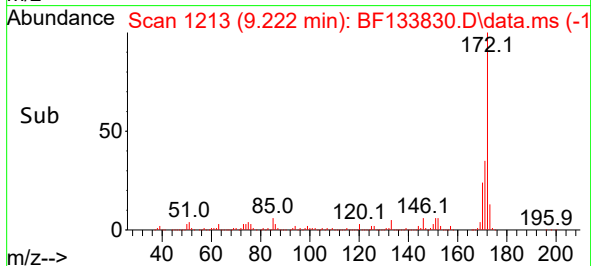
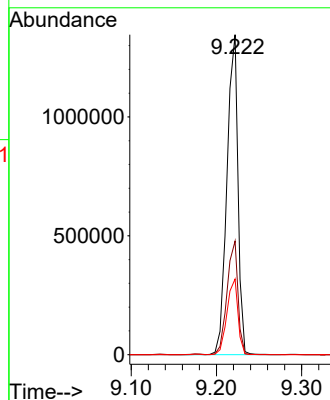
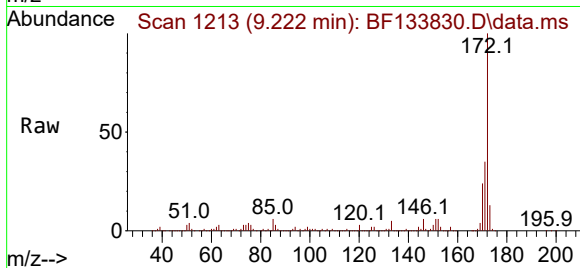
Tgt Ion:172 Resp: 1206749

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.043 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

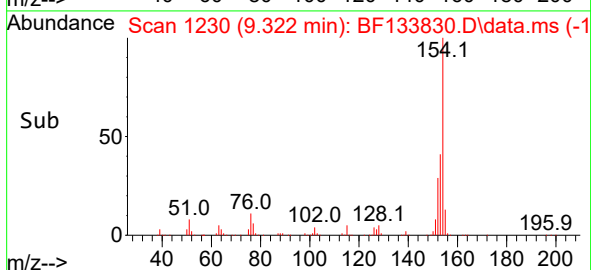
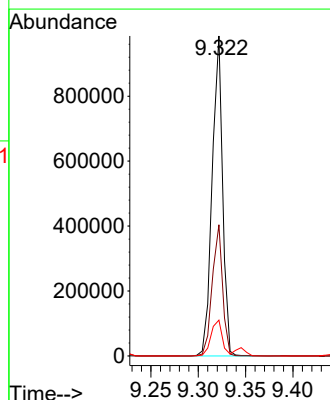
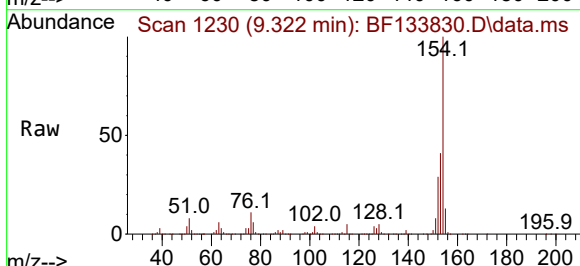
Tgt Ion:154 Resp: 755055

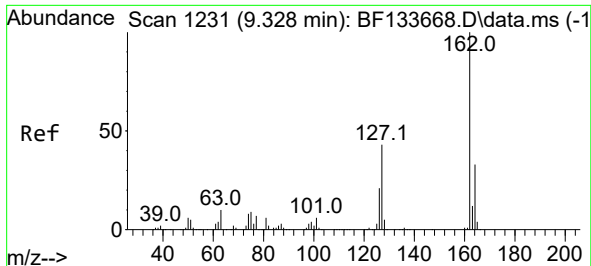
Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

76 11.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.783 ng

RT: 9.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

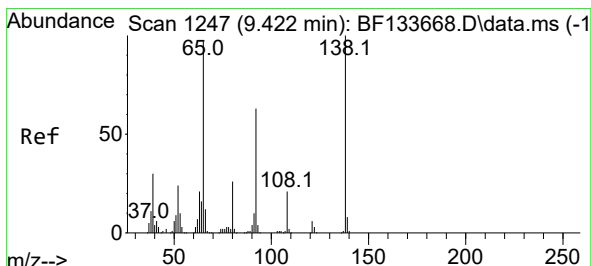
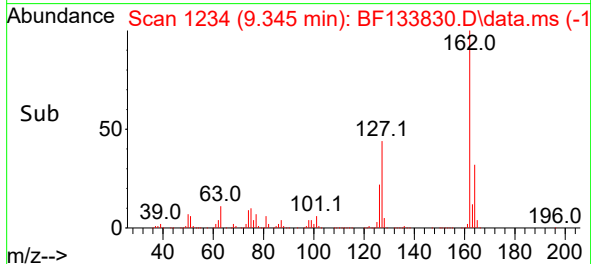
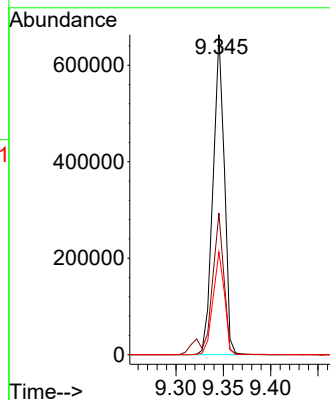
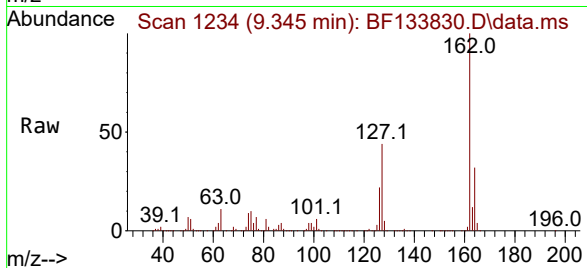
Tgt Ion:162 Resp: 551633

Ion Ratio Lower Upper

162 100

127 44.2 34.6 52.0

164 32.1 26.4 39.6



#48

2-Nitroaniline

Concen: 39.914 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

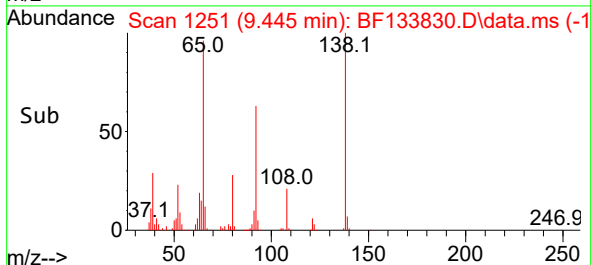
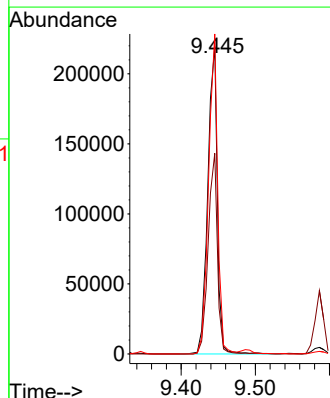
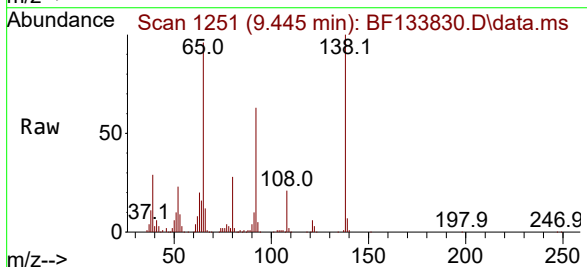
Tgt Ion: 65 Resp: 197447

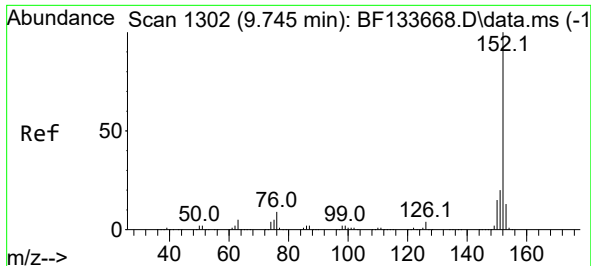
Ion Ratio Lower Upper

65 100

92 65.3 51.8 77.6

138 104.1 82.1 123.1

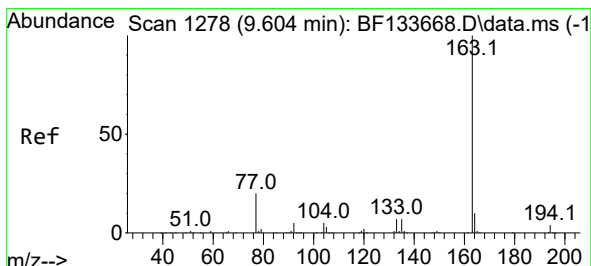
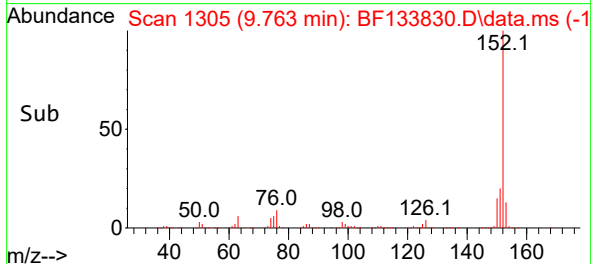
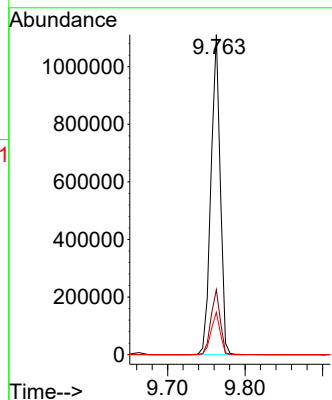
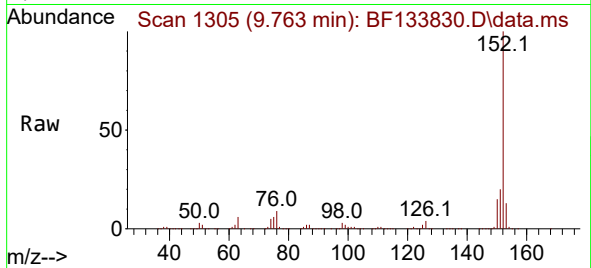




#49  
Acenaphthylene  
Concen: 39.226 ng  
RT: 9.763 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

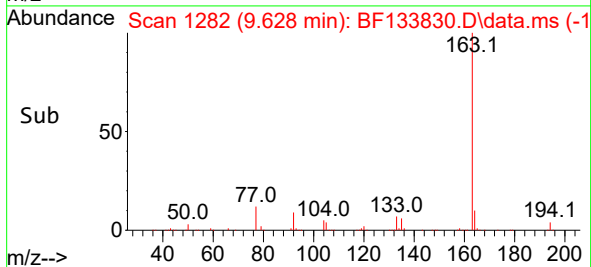
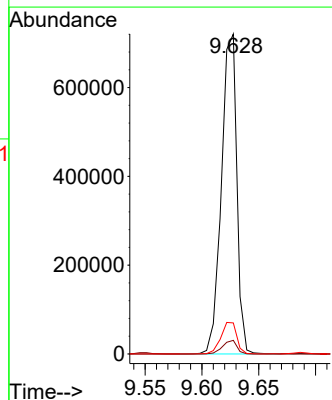
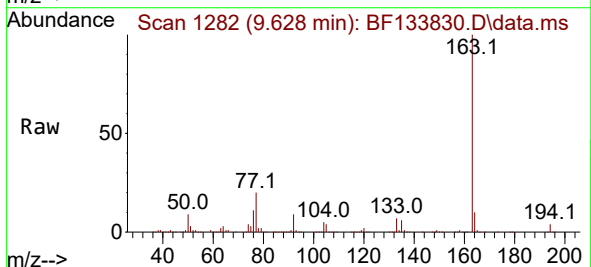
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

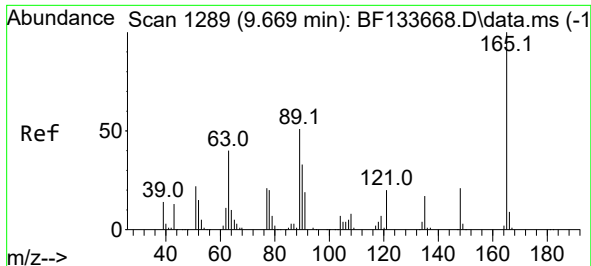
Tgt Ion:152 Resp: 923459  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.4  
153 13.3 10.4 15.6



#50  
Dimethylphthalate  
Concen: 39.102 ng  
RT: 9.628 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:163 Resp: 682374  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.2 4.8  
164 9.7 8.0 12.0

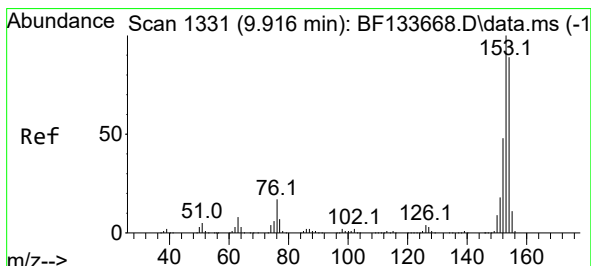
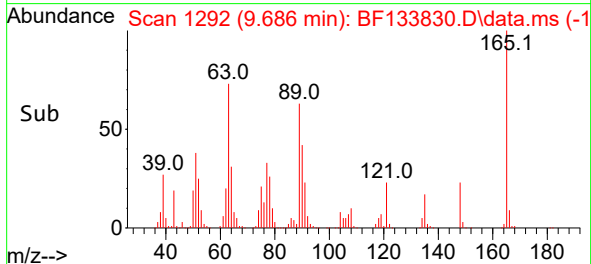
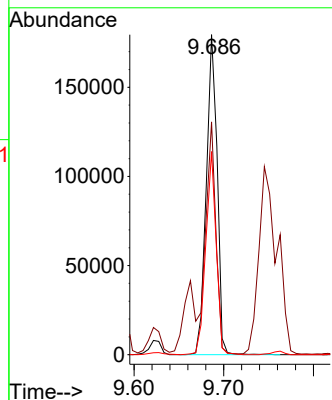
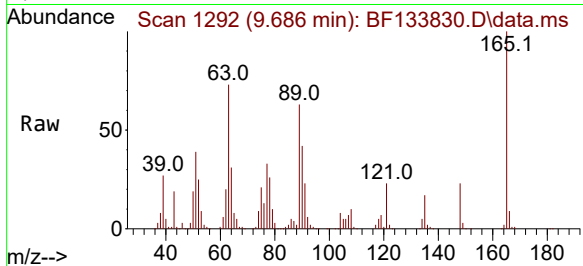




#51  
2,6-Dinitrotoluene  
Concen: 41.754 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

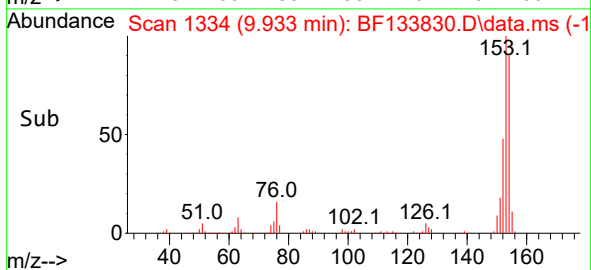
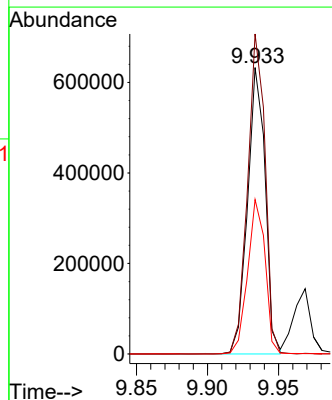
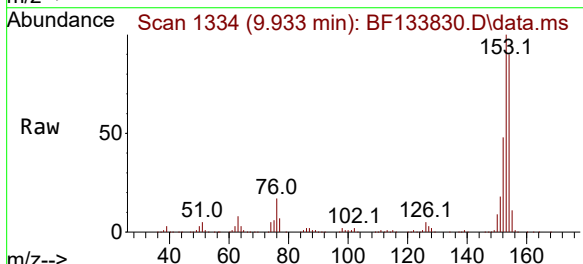
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

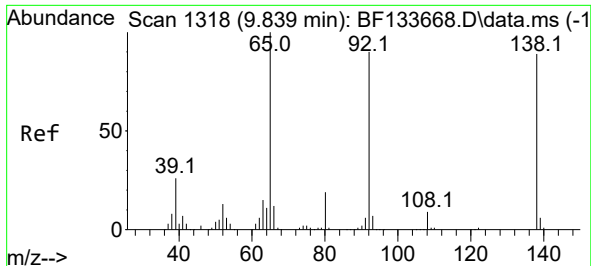
Tgt Ion:165 Resp: 150402  
Ion Ratio Lower Upper  
165 100  
63 72.7 42.1 63.1#  
89 63.4 40.9 61.3#



#52  
Acenaphthene  
Concen: 39.587 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:154 Resp: 545509  
Ion Ratio Lower Upper  
154 100  
153 111.7 89.8 134.8  
152 53.9 43.4 65.2

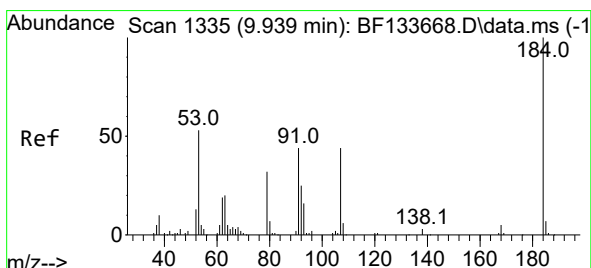
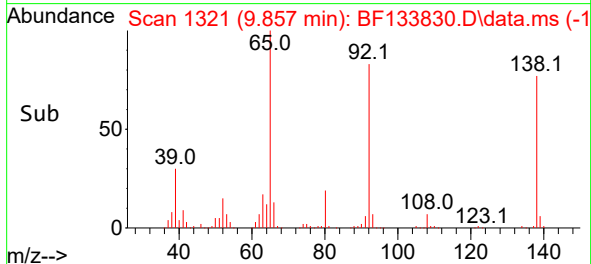
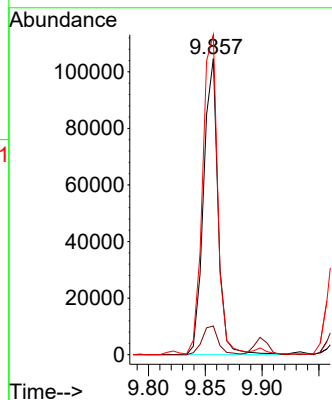
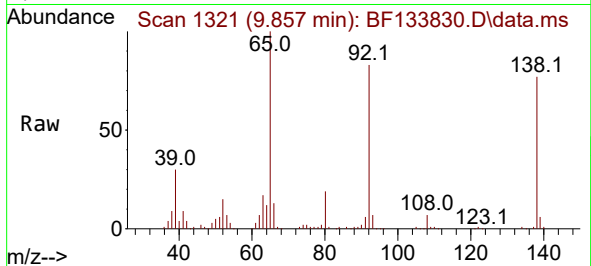




#53  
3-Nitroaniline  
Concen: 21.154 ng  
RT: 9.857 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

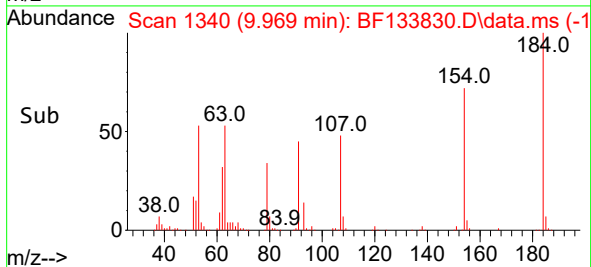
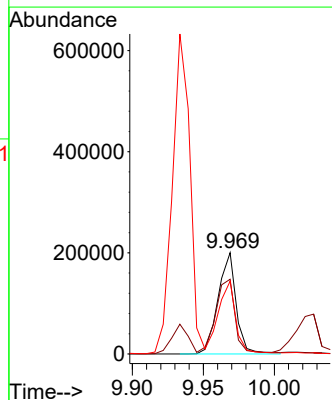
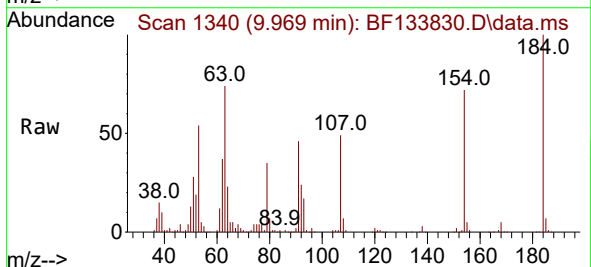
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

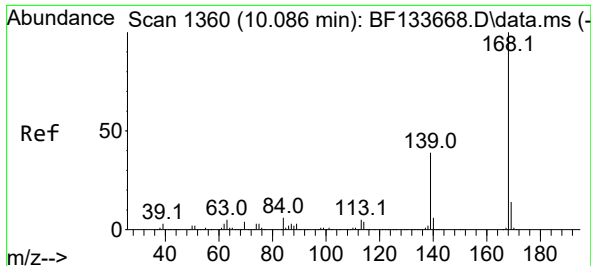
Tgt Ion:138 Resp: 92727  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.2 12.4  
92 108.1 81.0 121.6



#54  
2,4-Dinitrophenol  
Concen: 99.806 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:184 Resp: 178363  
Ion Ratio Lower Upper  
184 100  
63 73.8 55.3 82.9  
154 72.0 51.9 77.9

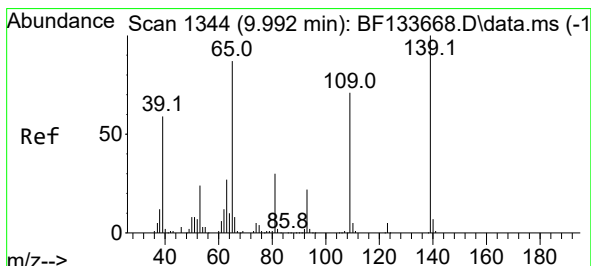
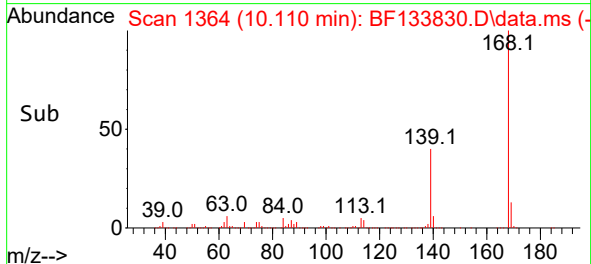
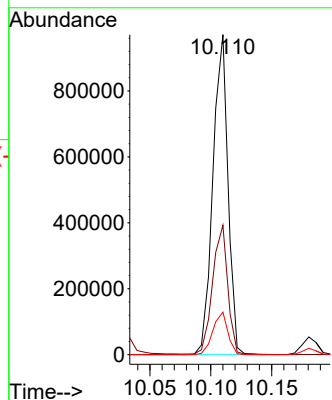
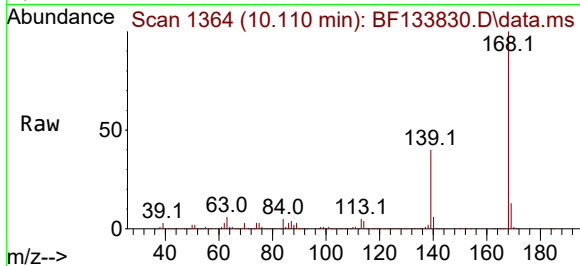




#55  
Dibenzenofuran  
Concen: 39.625 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

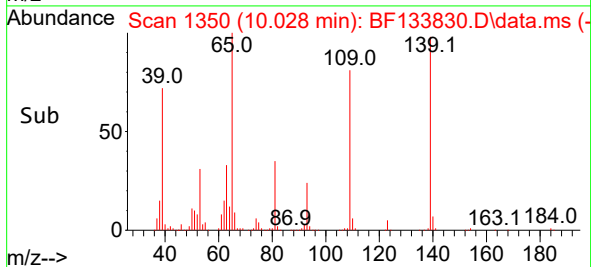
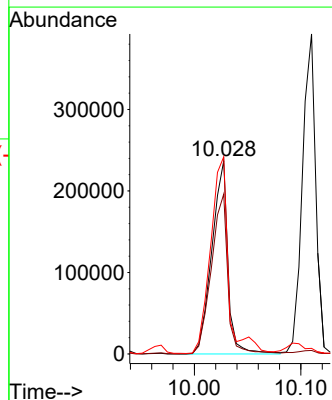
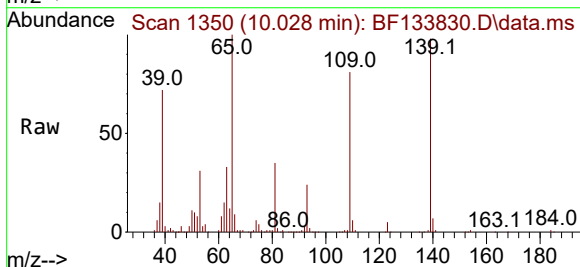
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

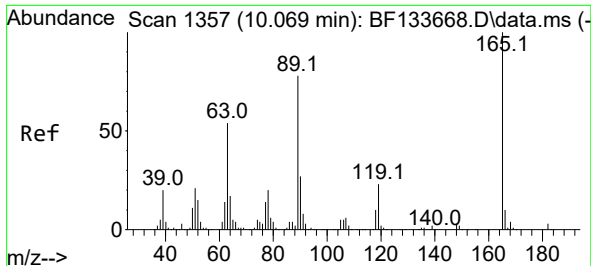
Tgt Ion:168 Resp: 833190  
Ion Ratio Lower Upper  
168 100  
139 40.4 30.9 46.3  
169 13.3 10.9 16.3



#56  
4-Nitrophenol  
Concen: 84.092 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. 0.012 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:139 Resp: 248778  
Ion Ratio Lower Upper  
139 100  
109 82.7 50.7 90.7  
65 102.1 67.1 107.1

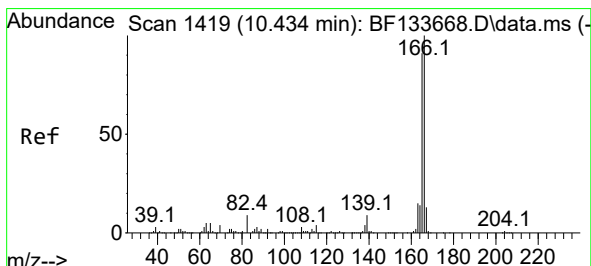
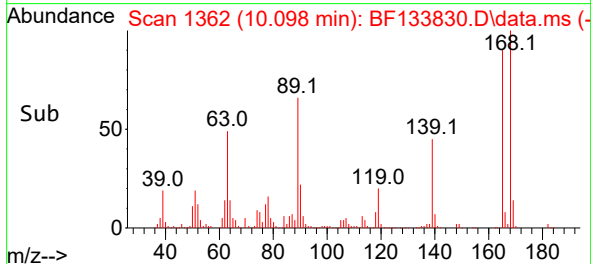
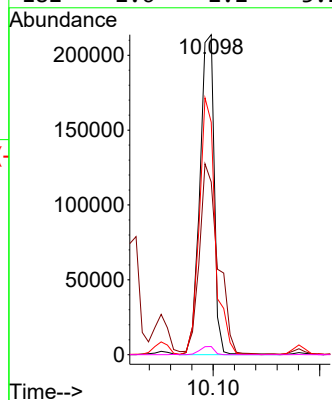
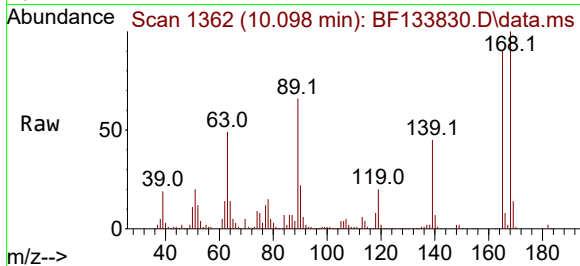




#57  
2,4-Dinitrotoluene  
Concen: 43.578 ng  
RT: 10.098 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

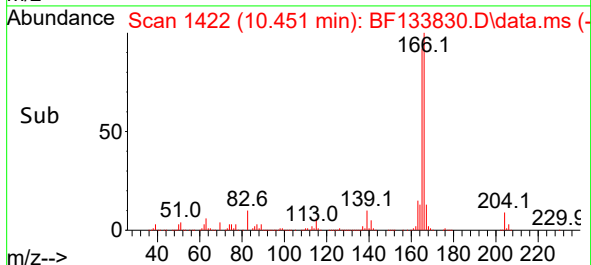
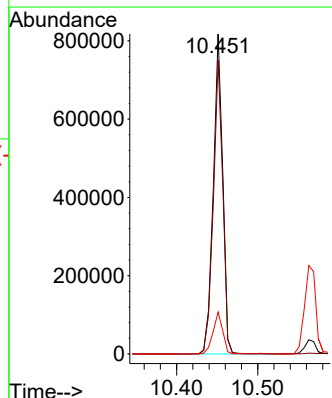
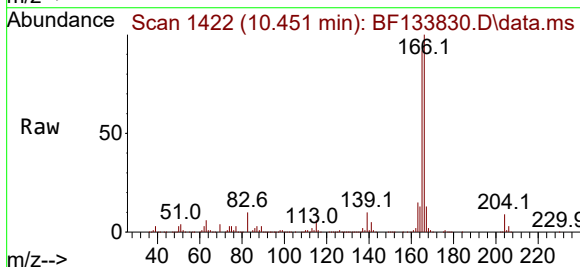
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

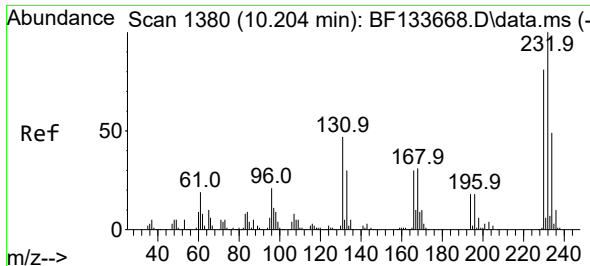
Tgt Ion:165 Resp: 199639  
Ion Ratio Lower Upper  
165 100  
63 54.0 43.0 64.6  
89 72.7 62.6 93.8  
182 2.6 2.2 3.2



#58  
Fluorene  
Concen: 40.922 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:166 Resp: 658011  
Ion Ratio Lower Upper  
166 100  
165 91.9 73.1 109.7  
167 13.1 10.5 15.7

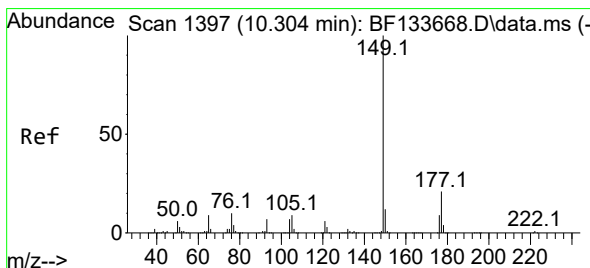
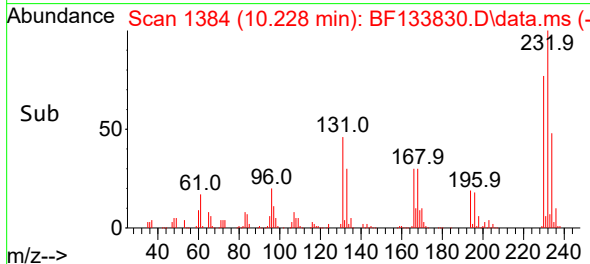
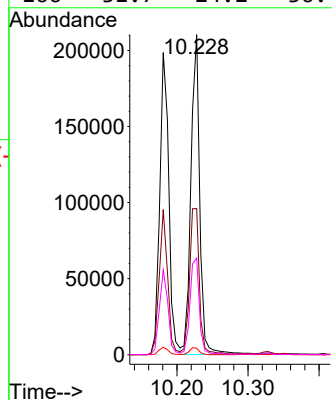
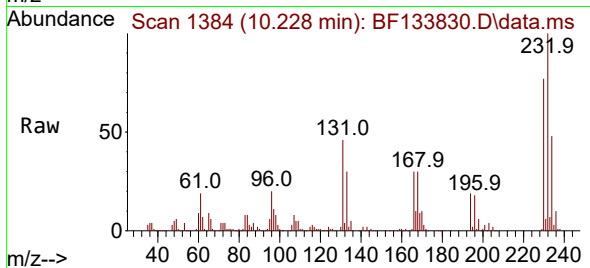




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.812 ng  
RT: 10.228 min Scan# 1400  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

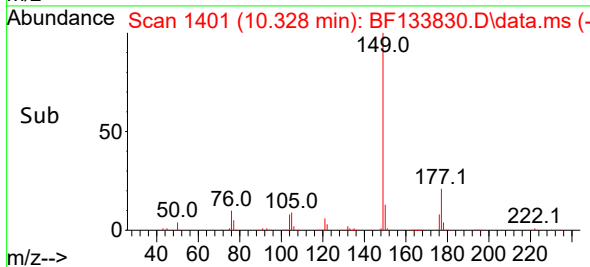
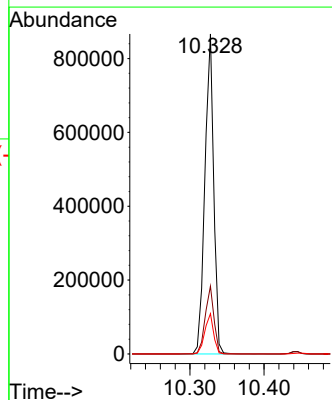
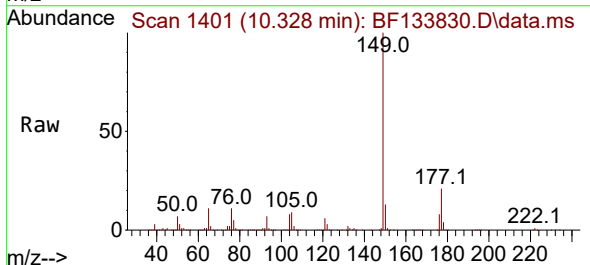
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

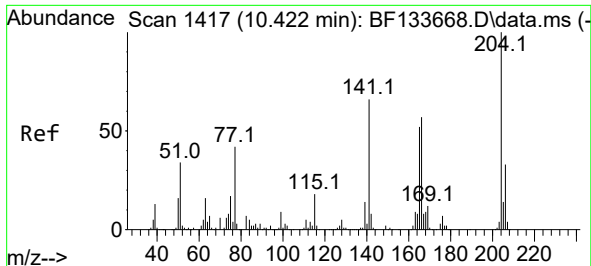
Tgt Ion:232 Resp: 181252  
Ion Ratio Lower Upper  
232 100  
131 49.9 38.0 57.0  
130 2.4 1.8 2.8  
166 31.7 24.2 36.4



#60  
Diethylphthalate  
Concen: 40.426 ng  
RT: 10.328 min Scan# 1401  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:149 Resp: 718012  
Ion Ratio Lower Upper  
149 100  
177 21.2 17.0 25.6  
150 12.6 10.0 15.0

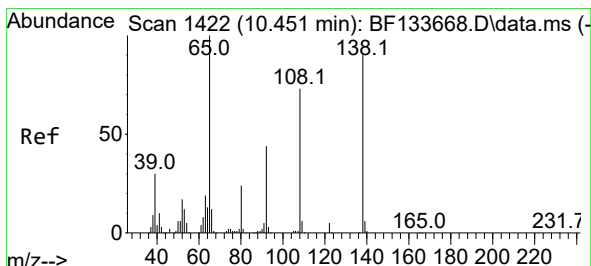
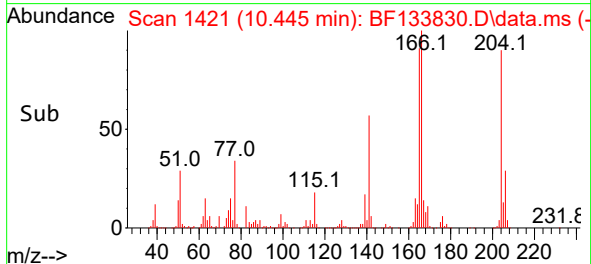
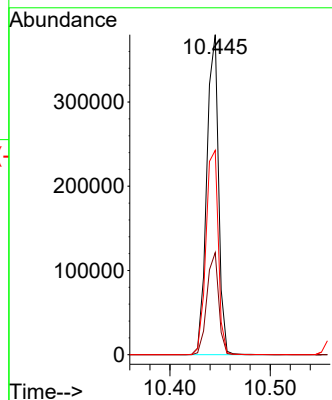
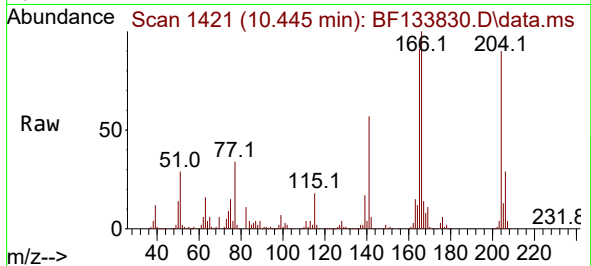




#61  
4-Chlorophenyl-phenylether  
Concen: 39.375 ng  
RT: 10.445 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

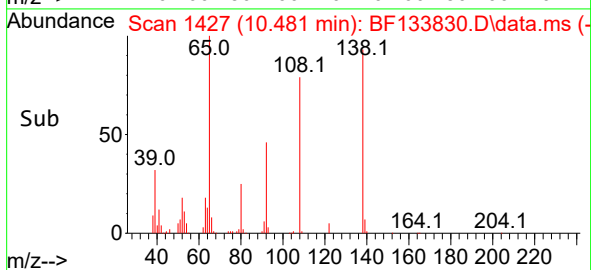
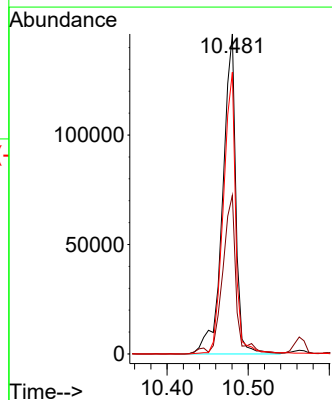
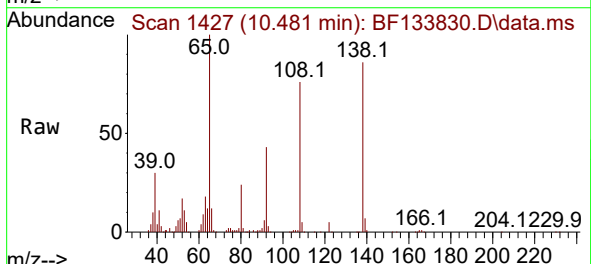
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

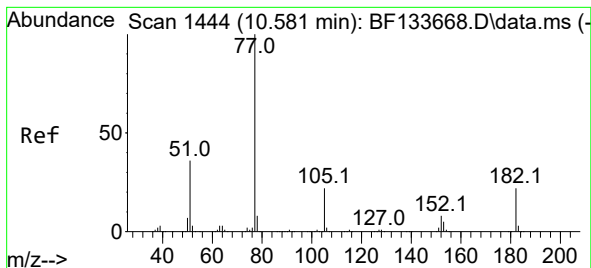
Tgt Ion:204 Resp: 312565  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.4 39.6  
141 63.8 52.8 79.2



#62  
4-Nitroaniline  
Concen: 38.586 ng  
RT: 10.481 min Scan# 1427  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:138 Resp: 165839  
Ion Ratio Lower Upper  
138 100  
92 49.5 28.9 68.9  
108 88.0 61.0 101.0





#63

Azobenzene

Concen: 40.386 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

Tgt Ion: 77 Resp: 679048

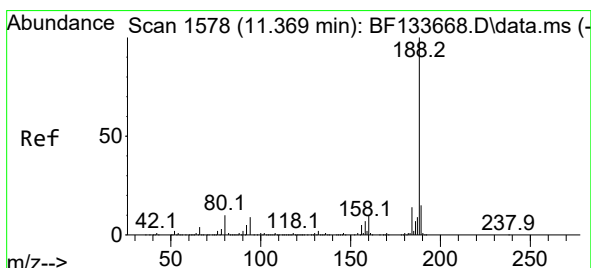
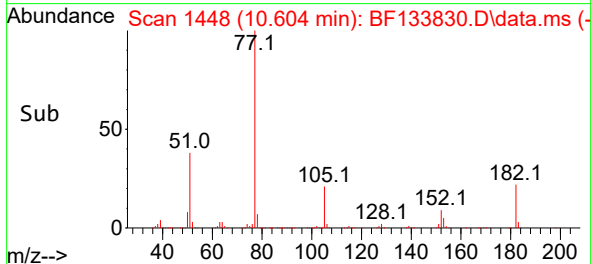
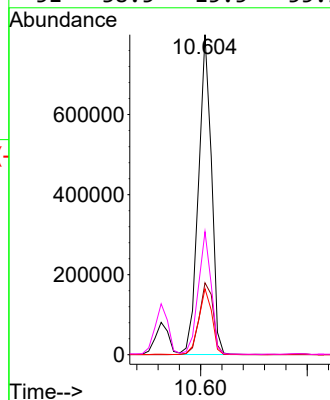
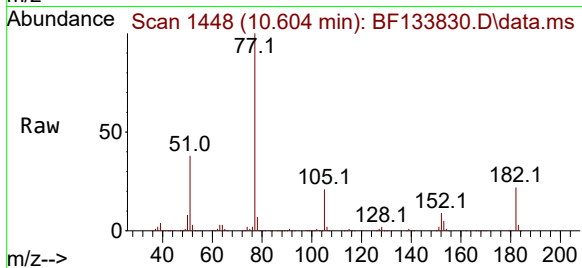
Ion Ratio Lower Upper

77 100

182 22.5 1.6 41.6

105 20.6 1.6 41.6

51 38.5 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

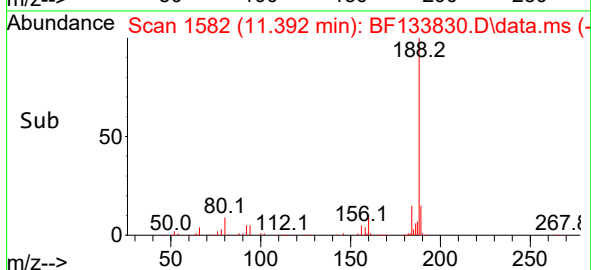
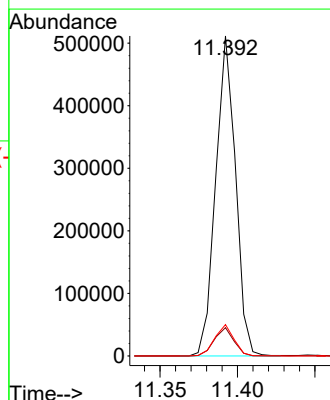
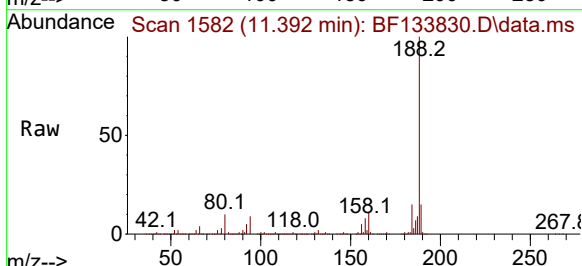
Tgt Ion: 188 Resp: 455067

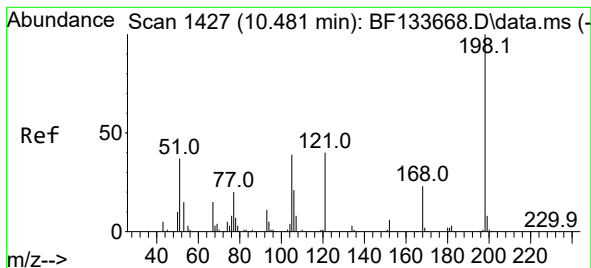
Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.8 7.8 11.6

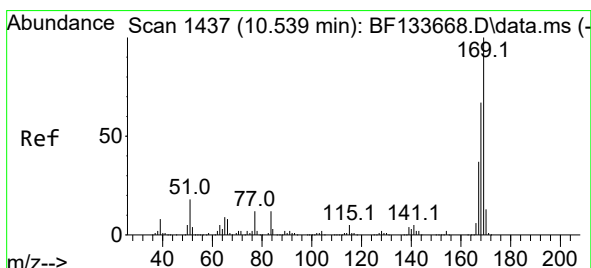
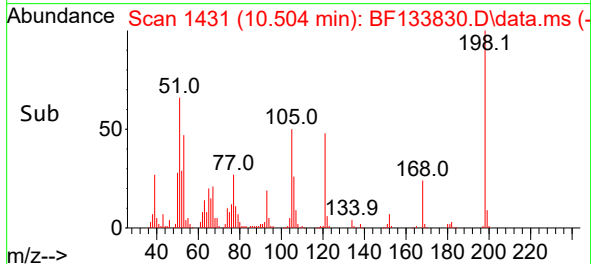
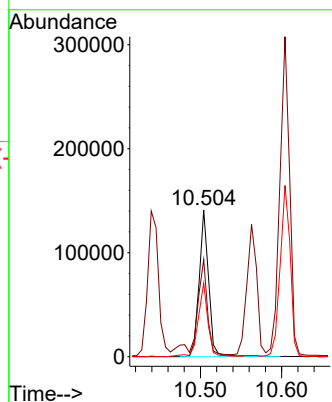
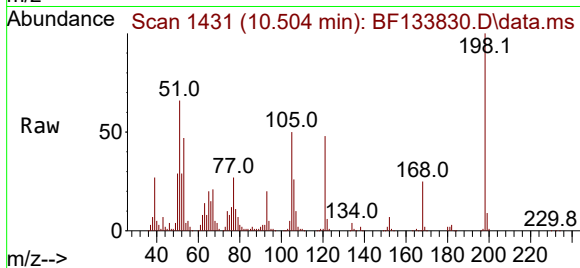




#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.036 ng  
RT: 10.504 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

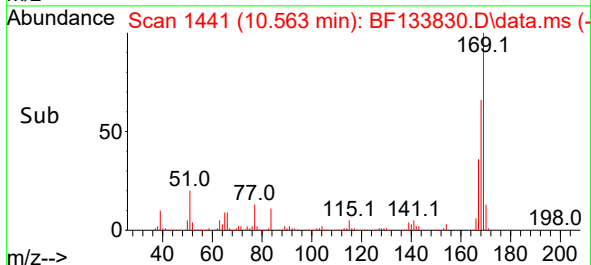
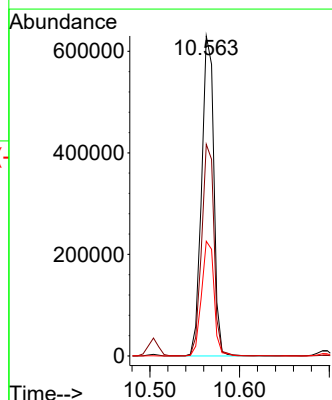
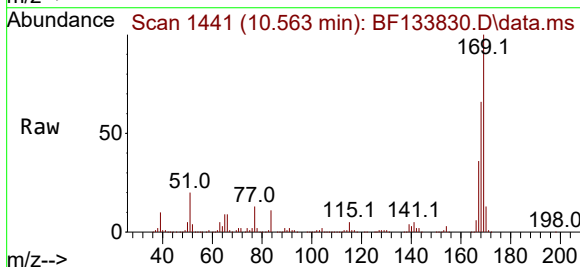
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

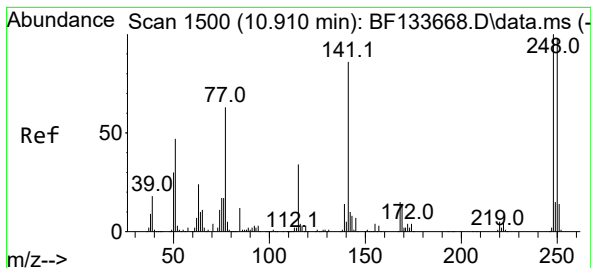
Tgt Ion:198 Resp: 115328  
Ion Ratio Lower Upper  
198 100  
51 66.2 27.5 67.5  
105 50.1 21.0 61.0



#66  
n-Nitrosodiphenylamine  
Concen: 38.954 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:169 Resp: 595435  
Ion Ratio Lower Upper  
169 100  
168 66.1 53.7 80.5  
167 35.9 29.8 44.8

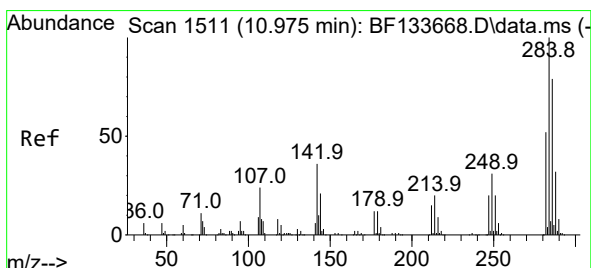
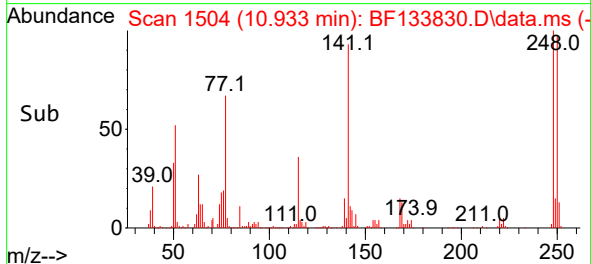
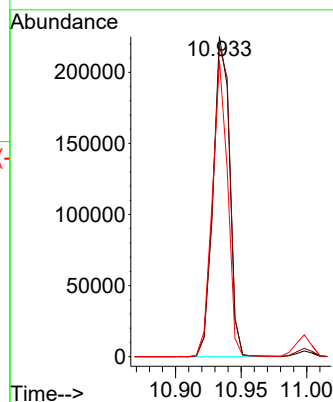
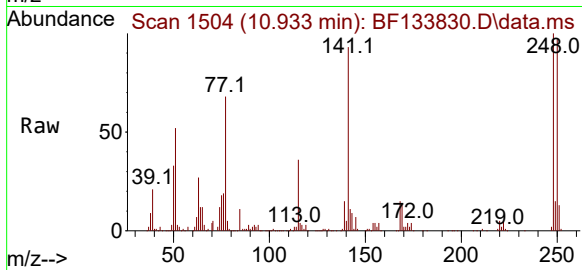




#67  
4-Bromophenyl-phenylether  
Concen: 38.762 ng  
RT: 10.933 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

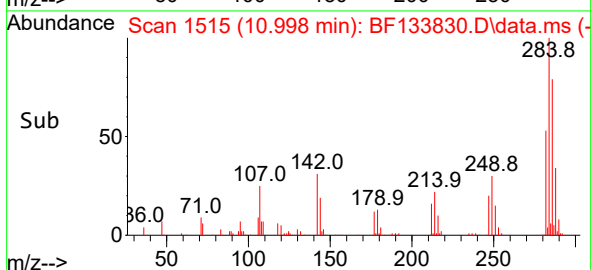
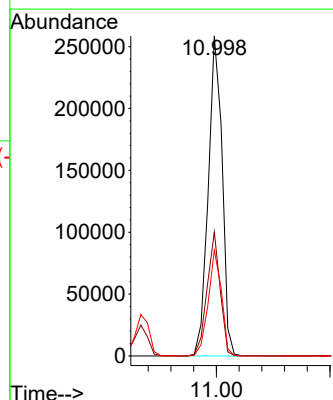
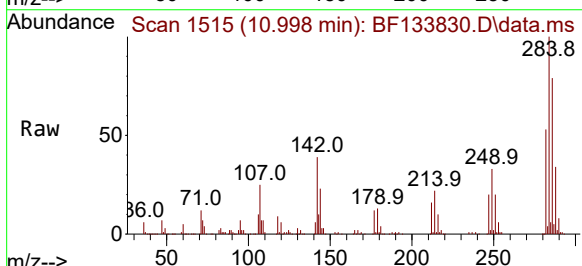
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

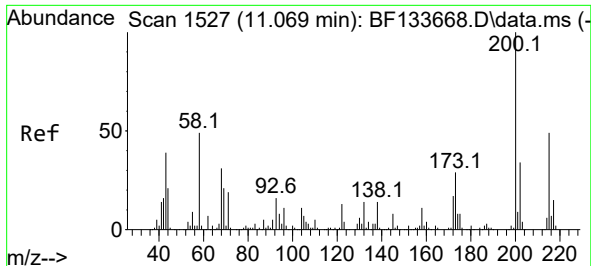
Tgt Ion:248 Resp: 196880  
Ion Ratio Lower Upper  
248 100  
250 97.2 78.3 117.5  
141 92.7 69.0 103.6



#68  
Hexachlorobenzene  
Concen: 40.952 ng  
RT: 10.998 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:284 Resp: 218731  
Ion Ratio Lower Upper  
284 100  
142 38.8 28.6 42.8  
249 33.0 24.6 36.8

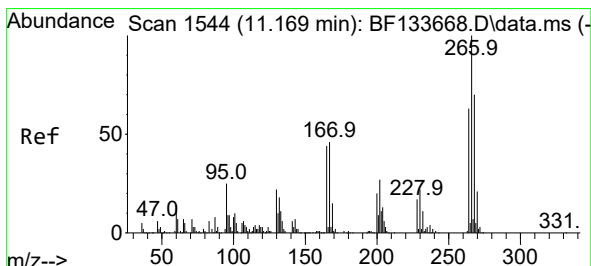
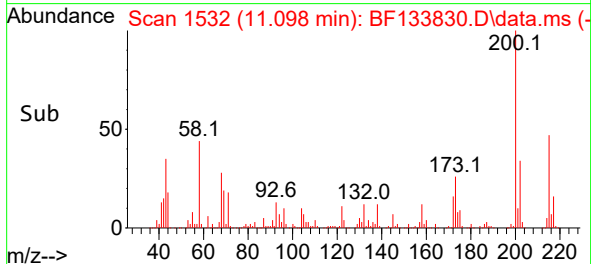
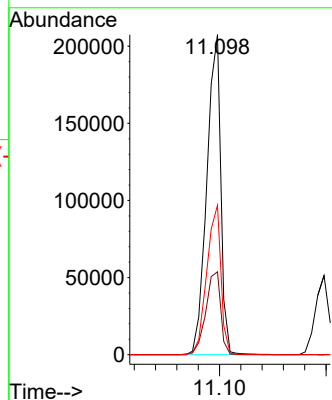
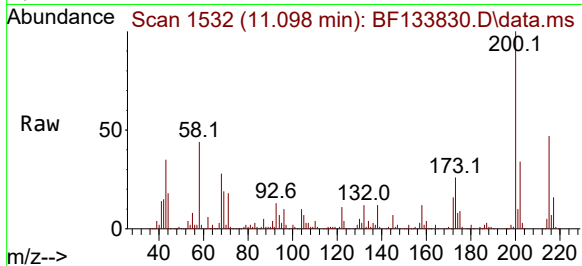




#69  
Atrazine  
Concen: 42.712 ng  
RT: 11.098 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

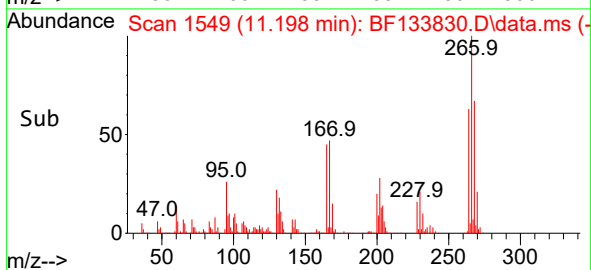
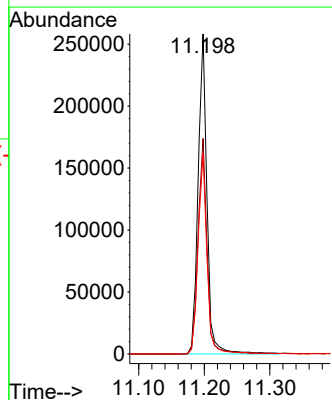
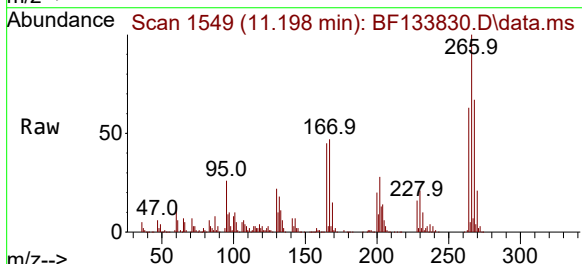
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

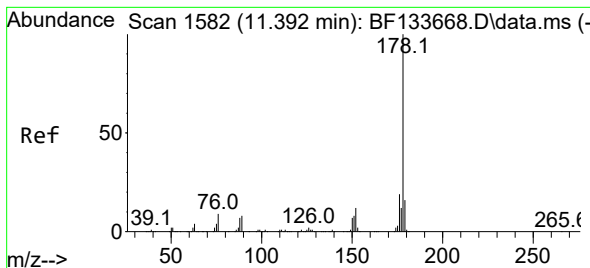
Tgt Ion:200 Resp: 189432  
Ion Ratio Lower Upper  
200 100  
173 25.9 8.7 48.7  
215 46.7 29.0 69.0



#70  
Pentachlorophenol  
Concen: 76.189 ng  
RT: 11.198 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:266 Resp: 243674  
Ion Ratio Lower Upper  
266 100  
268 67.4 55.7 83.5  
264 62.7 50.7 76.1





#71

Phenanthrene

Concen: 40.798 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

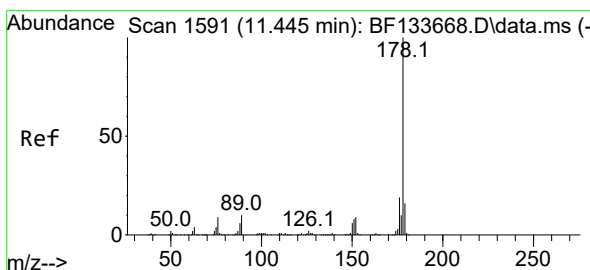
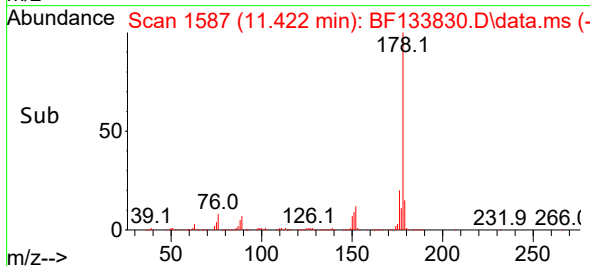
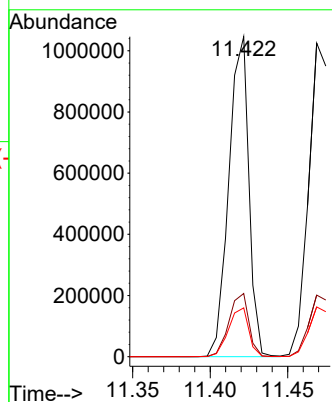
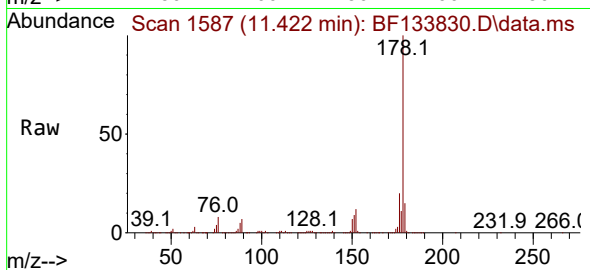
Tgt Ion:178 Resp: 941942

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.3 12.4 18.6



#72

Anthracene

Concen: 40.272 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

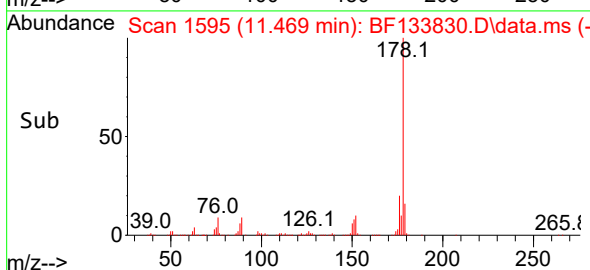
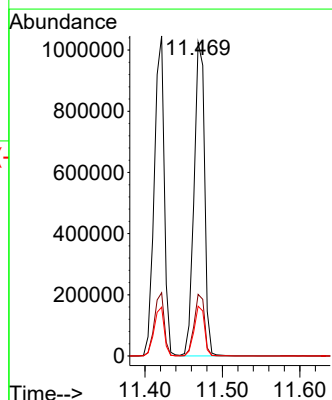
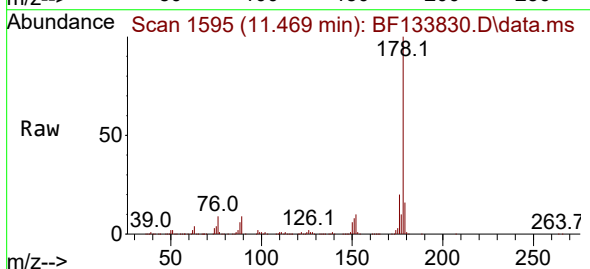
Tgt Ion:178 Resp: 969492

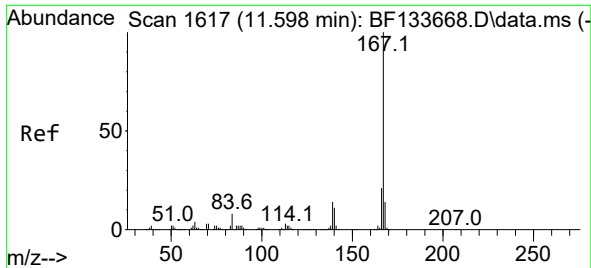
Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

179 15.9 12.6 18.8

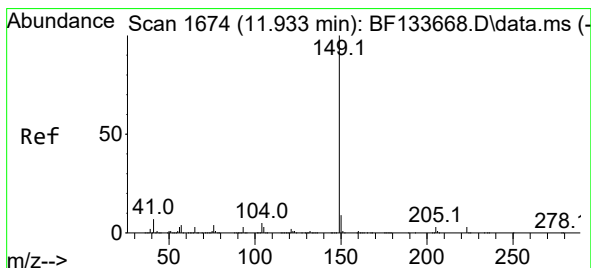
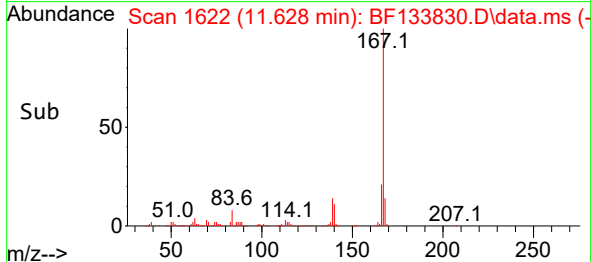
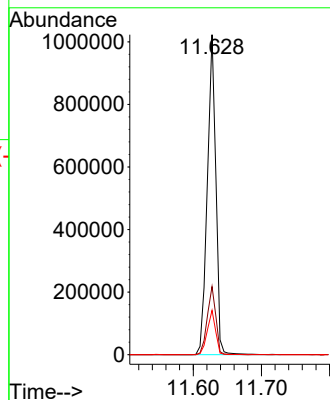
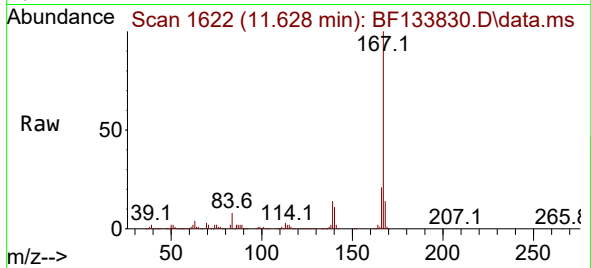




#73  
 Carbazole  
 Concen: 39.685 ng  
 RT: 11.628 min Scan# 1622  
 Delta R.T. 0.000 min  
 Lab File: BF133830.D  
 Acq: 19 Jun 2023 13:02

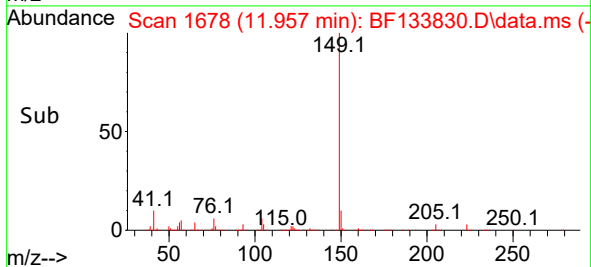
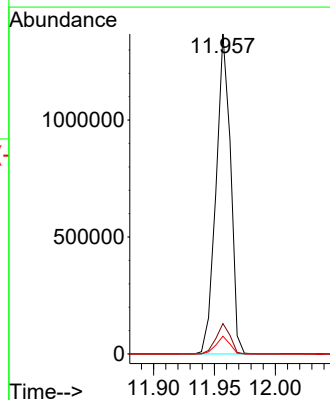
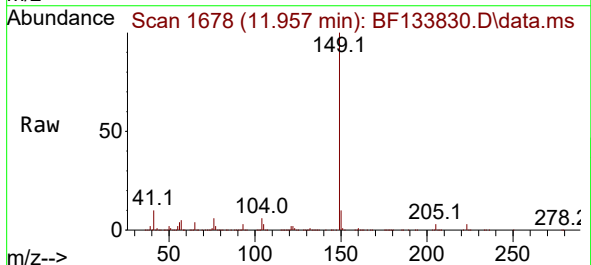
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153176BS

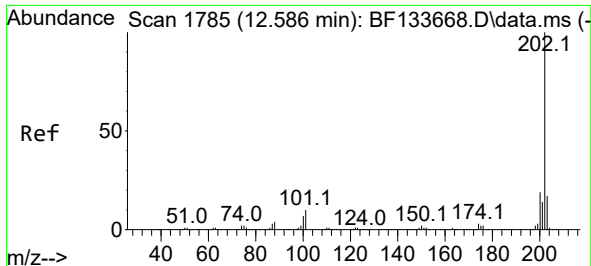
Tgt Ion:167 Resp: 889793  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.0 25.6  
 139 13.9 11.2 16.8



#74  
 Di-n-butylphthalate  
 Concen: 39.505 ng  
 RT: 11.957 min Scan# 1678  
 Delta R.T. 0.000 min  
 Lab File: BF133830.D  
 Acq: 19 Jun 2023 13:02

Tgt Ion:149 Resp: 1135524  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.4 11.0  
 104 5.5 3.8 5.8

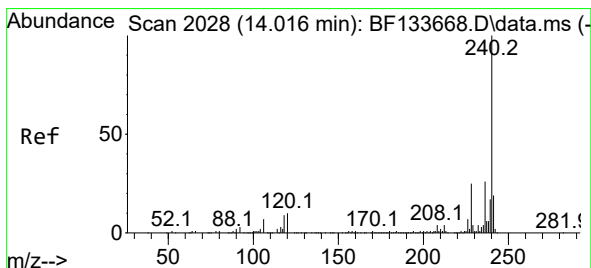
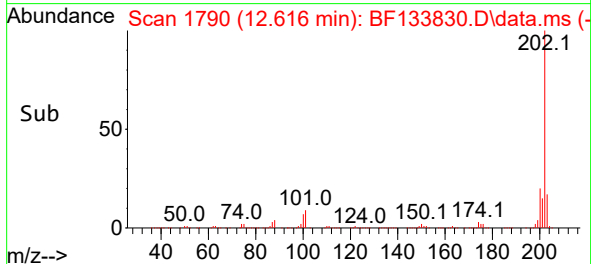
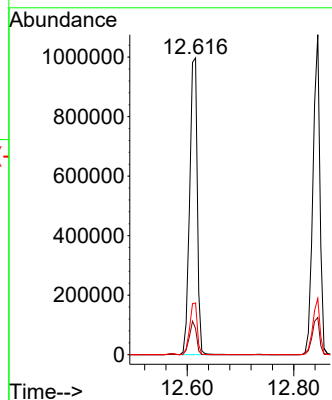
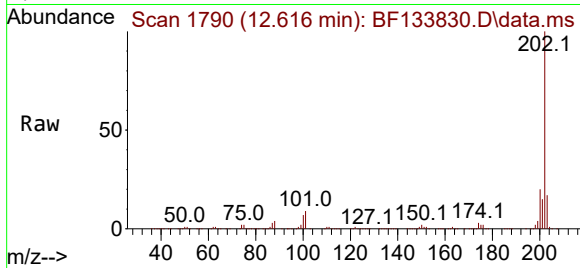




#75  
Fluoranthene  
Concen: 40.403 ng  
RT: 12.616 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

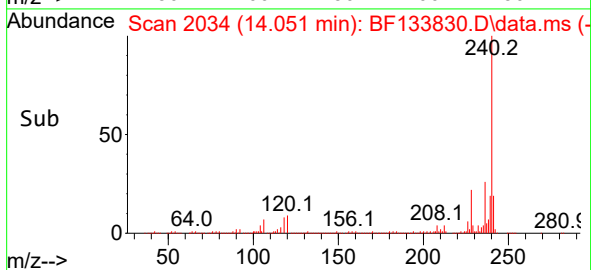
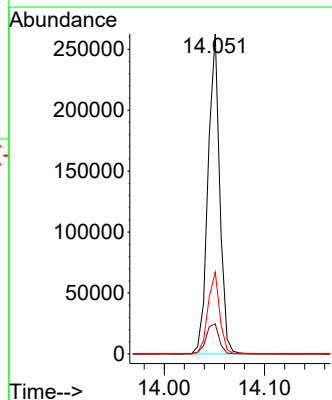
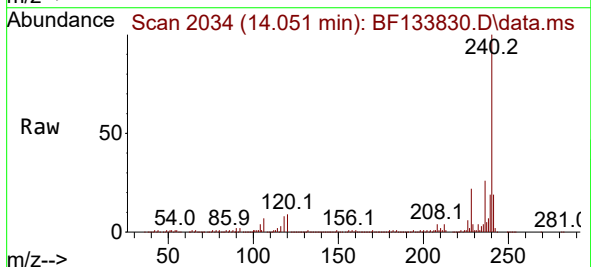
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

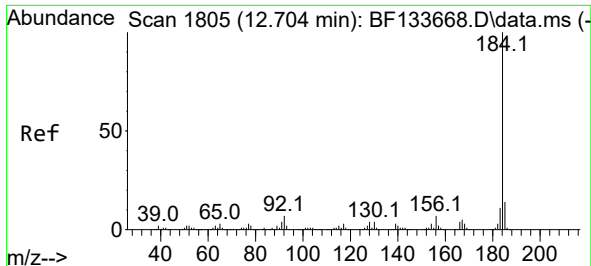
Tgt Ion:202 Resp: 990597  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 29.6  
203 17.4 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:240 Resp: 213292  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.1 12.1  
236 25.6 20.5 30.7

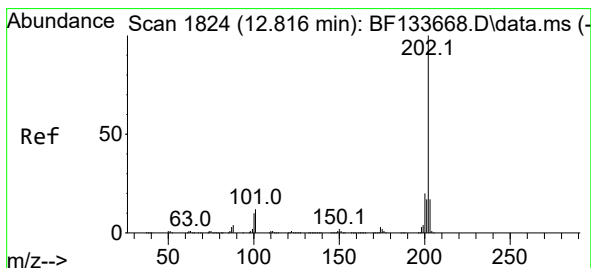
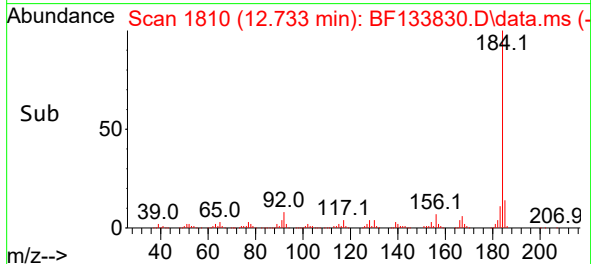
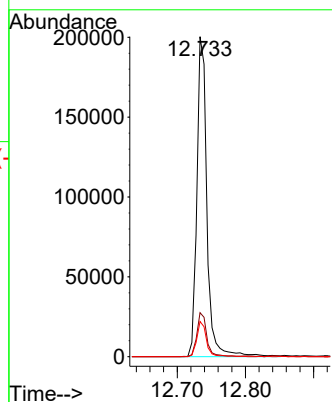
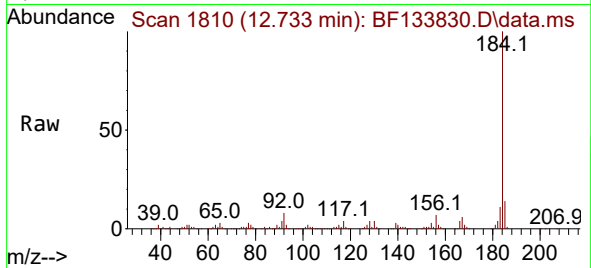




#77  
Benzidine  
Concen: 28.693 ng  
RT: 12.733 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

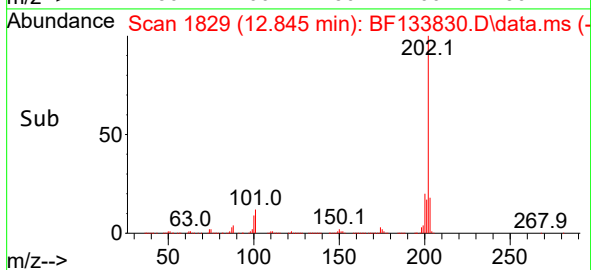
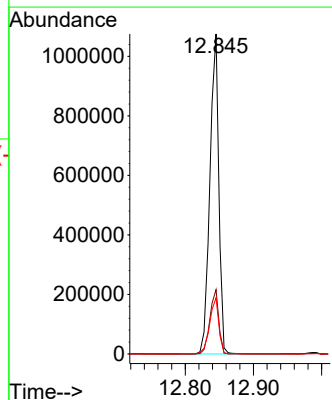
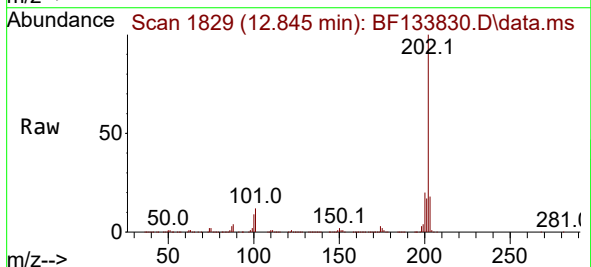
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

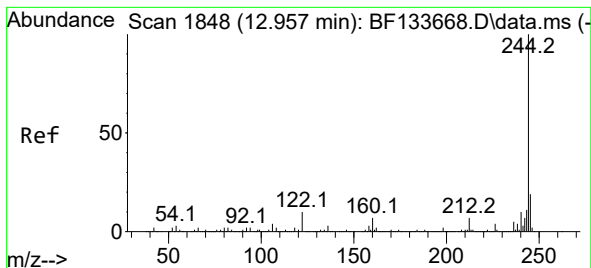
Tgt Ion:184 Resp: 205365  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.6 17.4  
183 11.0 8.4 12.6



#78  
Pyrene  
Concen: 49.198 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:202 Resp: 977510  
Ion Ratio Lower Upper  
202 100  
200 20.1 16.2 24.2  
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 97.083 ng

RT: 12.992 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

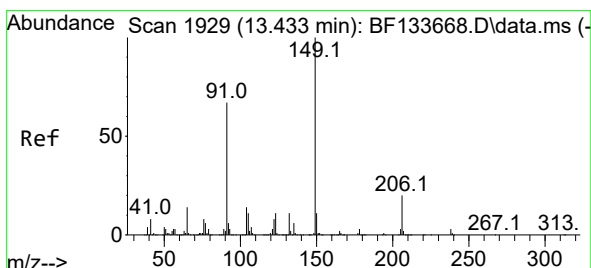
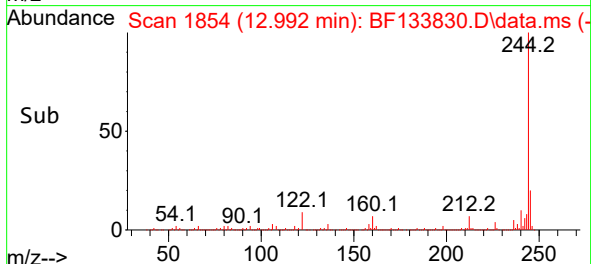
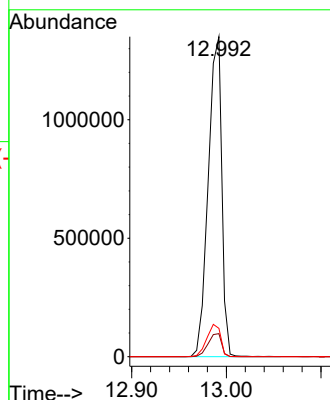
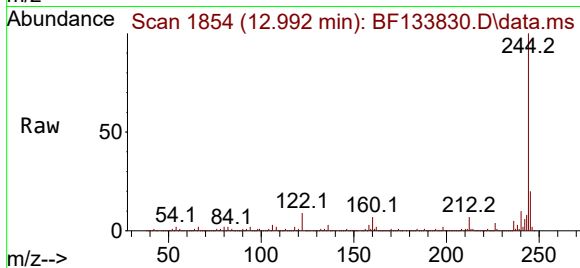
Tgt Ion:244 Resp: 1338231

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 8.9 8.1 12.1



#80

Butylbenzylphthalate

Concen: 44.631 ng

RT: 13.469 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

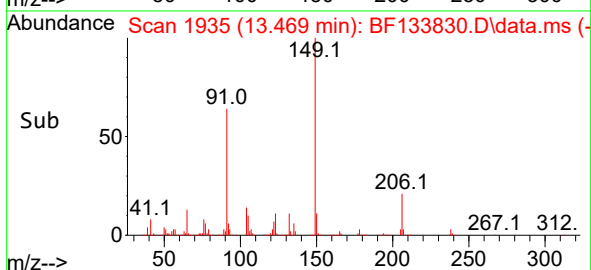
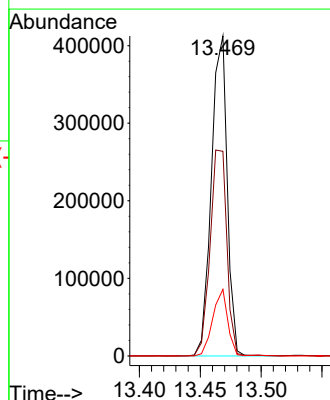
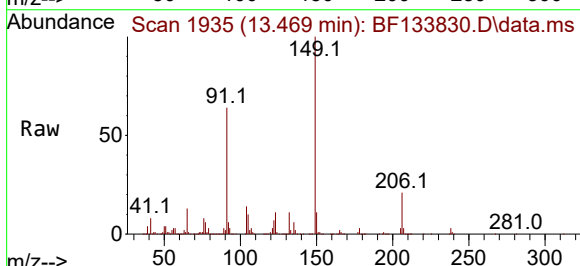
Tgt Ion:149 Resp: 374366

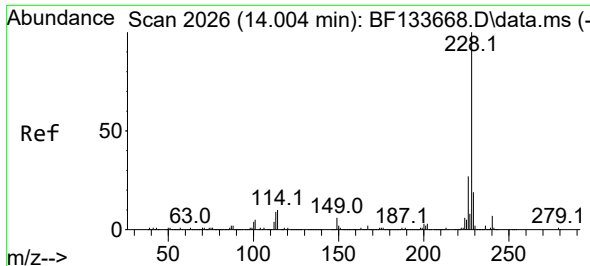
Ion Ratio Lower Upper

149 100

91 64.0 54.0 81.0

206 20.8 15.6 23.4

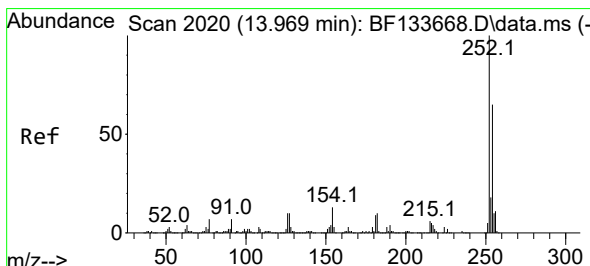
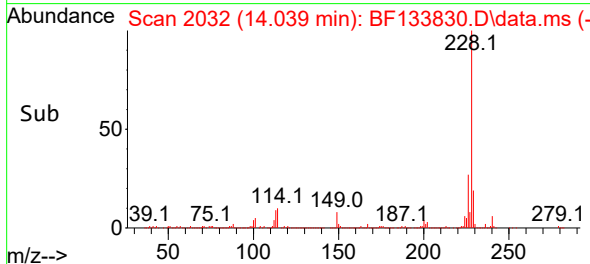
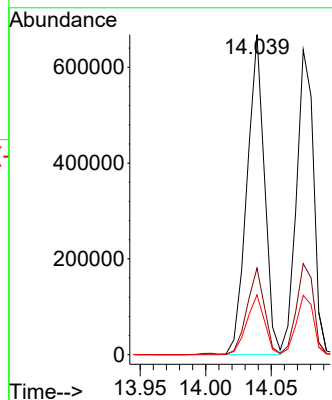
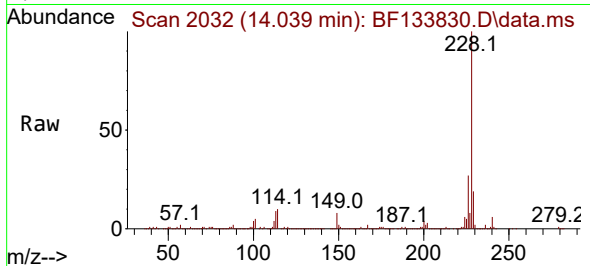




#81  
Benzo(a)anthracene  
Concen: 41.955 ng  
RT: 14.039 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

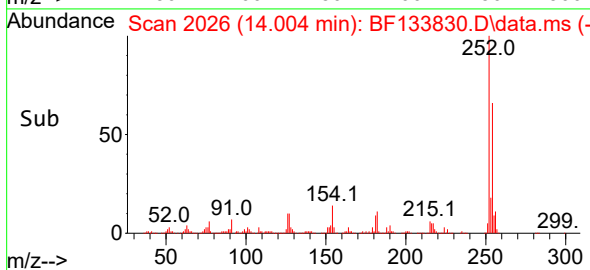
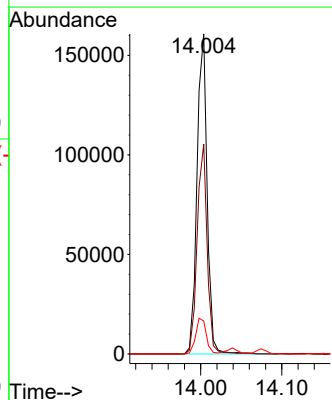
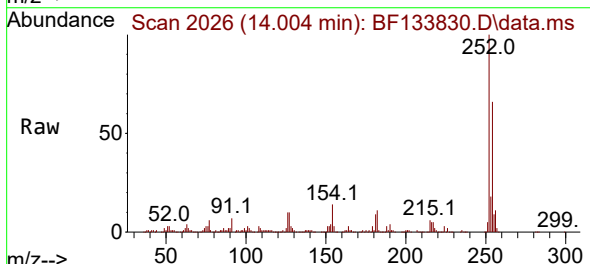
Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

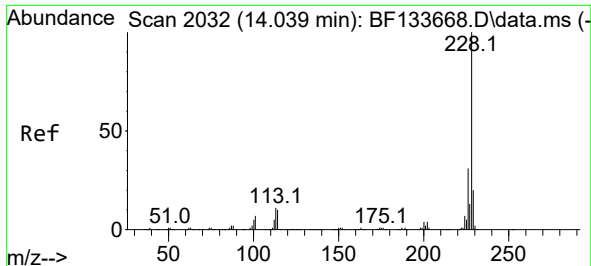
Tgt Ion:228 Resp: 618983  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.7 32.5  
229 18.7 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 28.562 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:252 Resp: 140096  
Ion Ratio Lower Upper  
252 100  
254 65.6 51.9 77.9  
126 10.3 7.7 11.5





#83

Chrysene

Concen: 41.340 ng

RT: 14.074 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

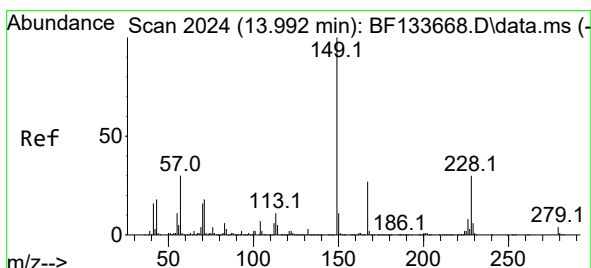
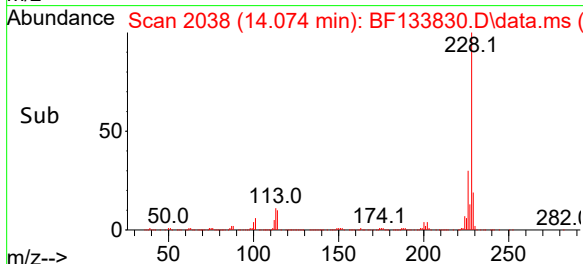
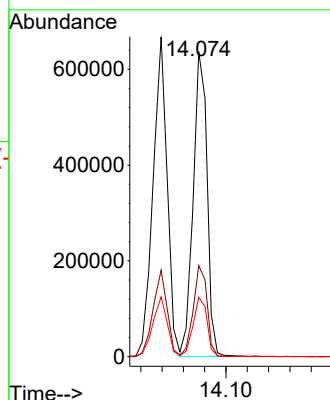
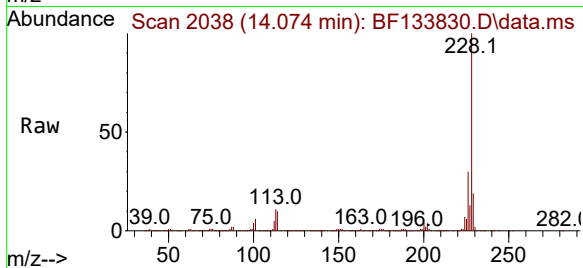
Tgt Ion:228 Resp: 576871

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.022 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

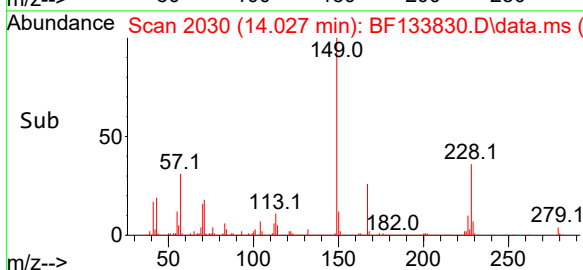
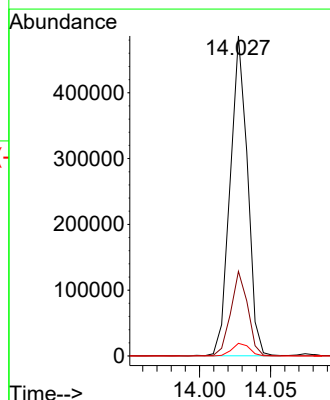
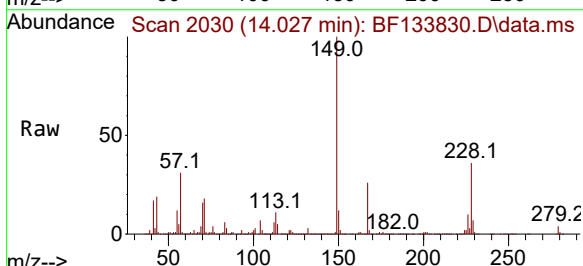
Tgt Ion:149 Resp: 413347

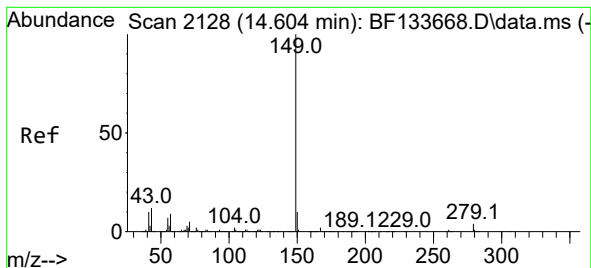
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.743 ng

RT: 14.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

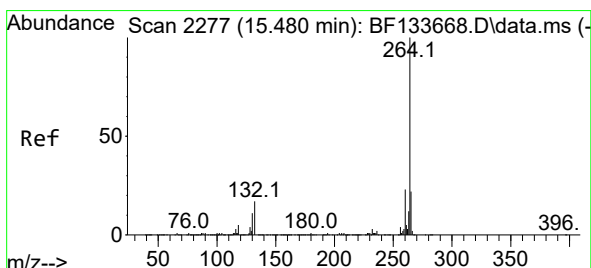
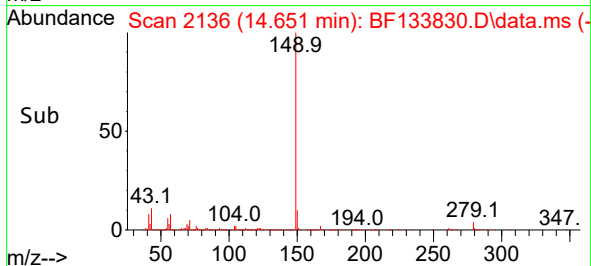
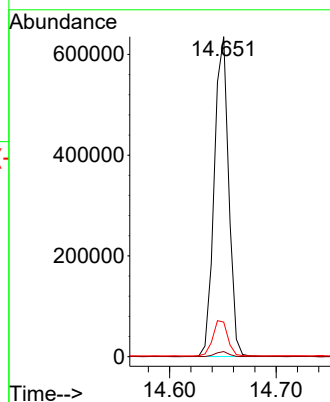
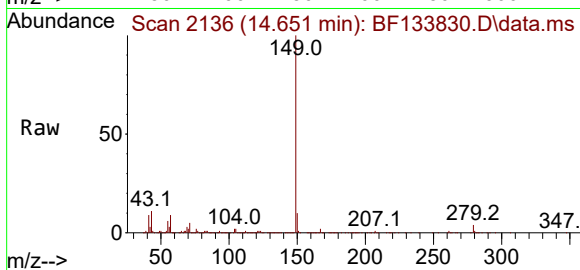
Tgt Ion:149 Resp: 597982

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.4 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

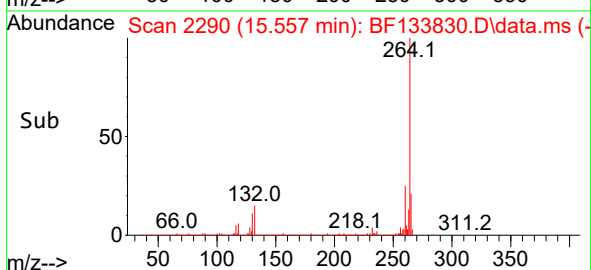
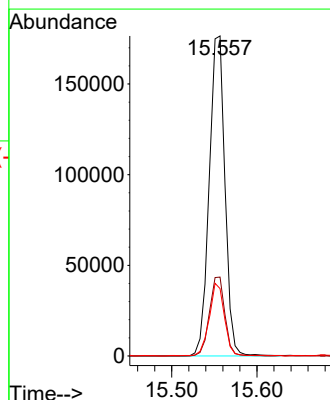
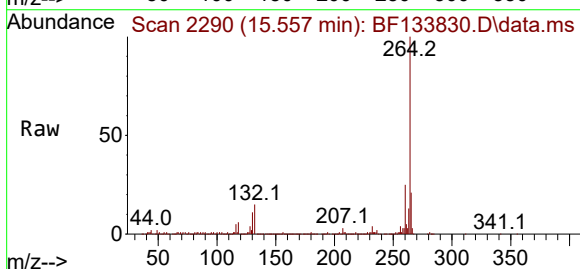
Tgt Ion:264 Resp: 226651

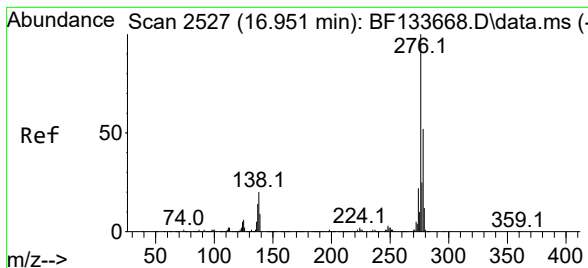
Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

265 21.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.623 ng

RT: 17.110 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

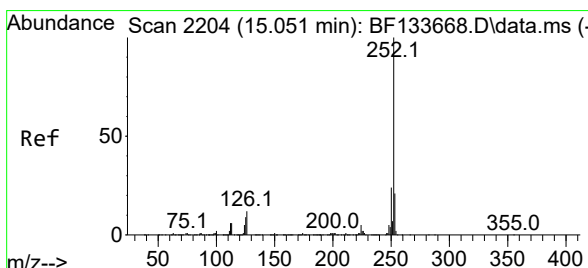
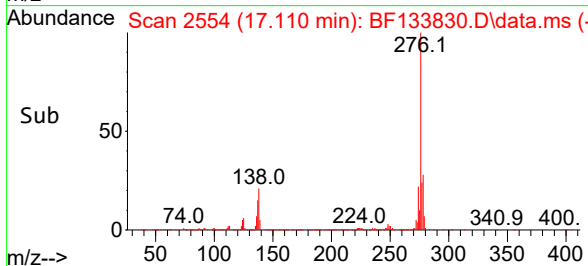
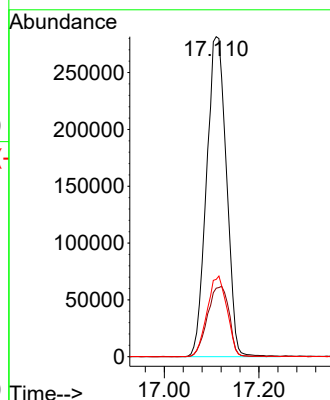
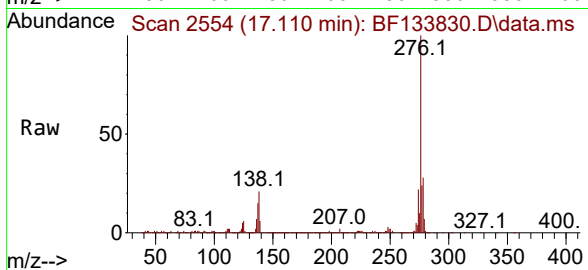
Tgt Ion:276 Resp: 820554

Ion Ratio Lower Upper

276 100

138 23.9 17.9 26.9

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.600 ng

RT: 15.110 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

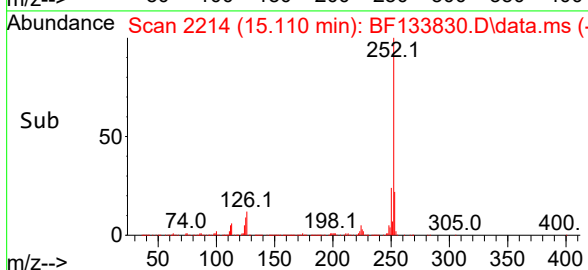
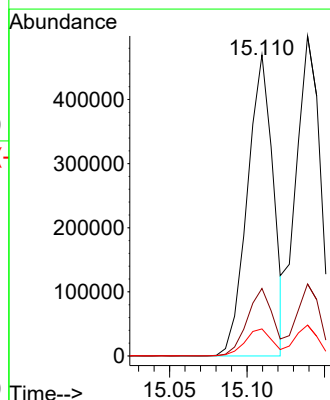
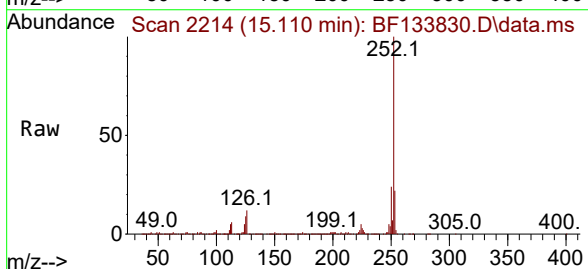
Tgt Ion:252 Resp: 545222

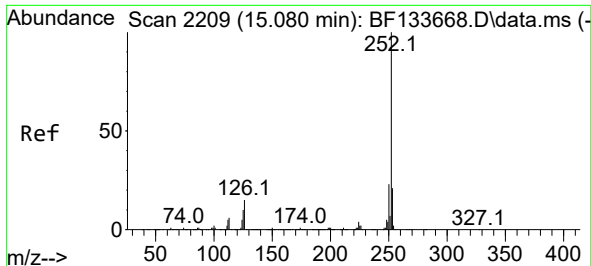
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 9.0 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 40.466 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

PB153176BS

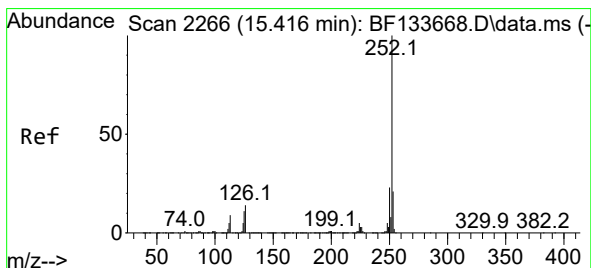
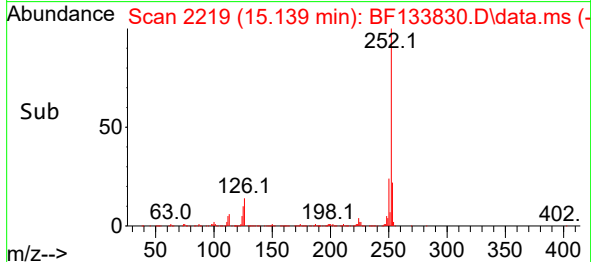
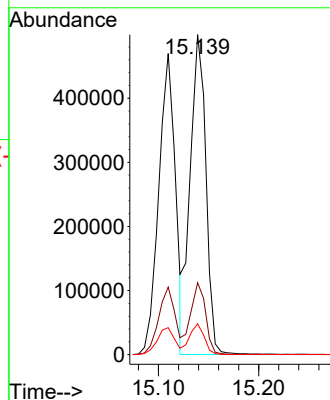
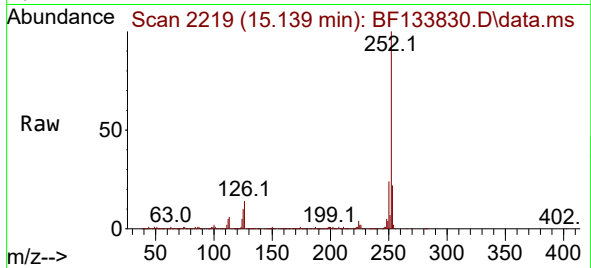
Tgt Ion:252 Resp: 542725

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 9.7 7.8 11.6



#90

Benzo(a)pyrene

Concen: 40.881 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

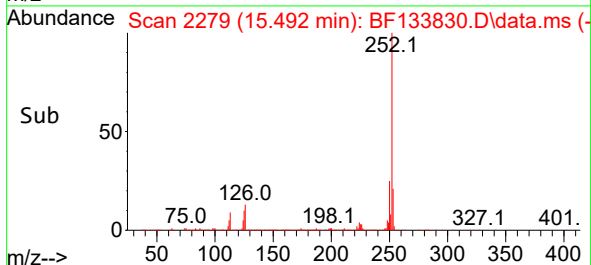
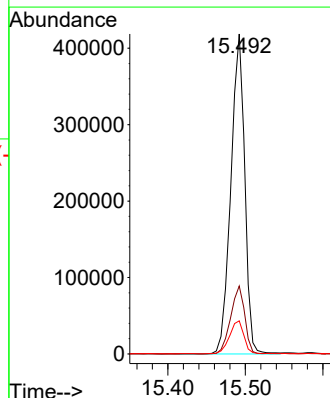
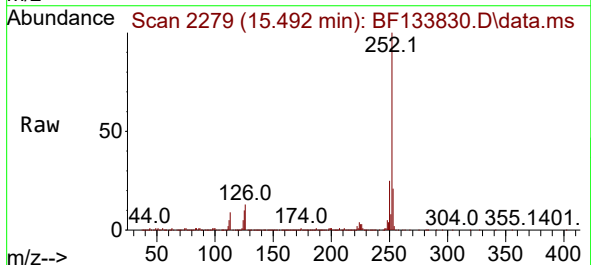
Tgt Ion:252 Resp: 522377

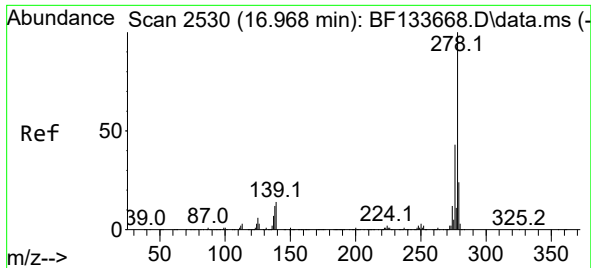
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 10.4 8.6 13.0

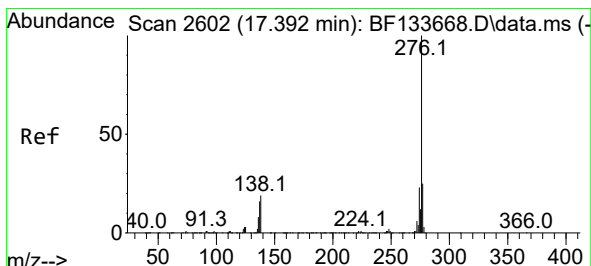
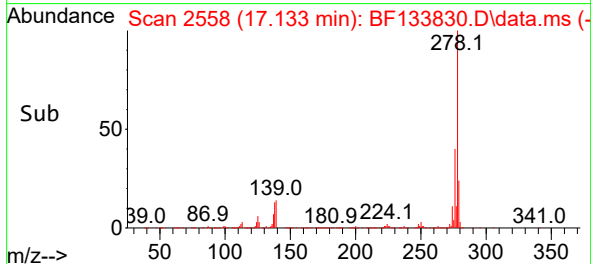
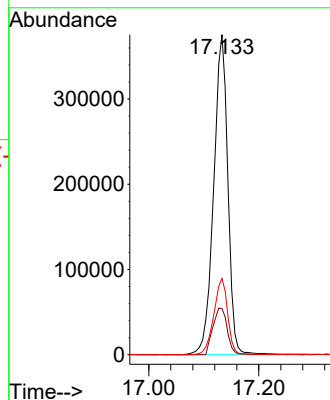
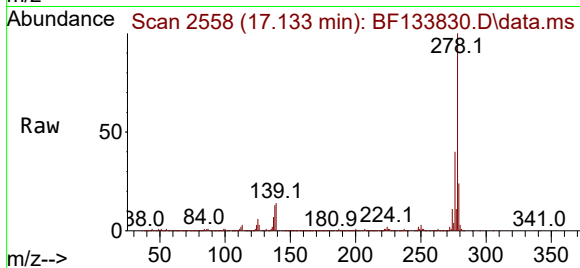




#91  
Dibenzo(a,h)anthracene  
Concen: 52.159 ng  
RT: 17.133 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB153176BS

Tgt Ion:278 Resp: 673331  
Ion Ratio Lower Upper  
278 100  
139 14.5 11.4 17.2  
279 23.8 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 53.440 ng  
RT: 17.586 min Scan# 2635  
Delta R.T. 0.000 min  
Lab File: BF133830.D  
Acq: 19 Jun 2023 13:02

Tgt Ion:276 Resp: 683985  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.8 29.8  
138 20.1 15.0 22.4

