

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010324\  
 Data File : BF136930.D  
 Acq On : 04 Jan 2024 03:09  
 Operator : CG\JU  
 Sample : 06041-01MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 04 03:47:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 49707    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 162127   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 69804    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 134660   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 103223   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.457 | 264  | 82690    | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 380630   | 119.478 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.446  | 99   | 437561   | 105.999 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 266884   | 84.235  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 105995   | 128.932 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 449641   | 86.637  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.910 | 244  | 503388   | 68.150  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 64904    | 48.896  | ng    | 96       |
| 3) Pyridine                   | 3.369  | 79   | 139439   | 43.055  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.328  | 42   | 85956    | 49.700  | ng    | 96       |
| 6) Aniline                    | 6.457  | 93   | 85208    | 20.646  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.581  | 128  | 164005   | 47.043  | ng    | 97       |
| 9) Benzaldehyde               | 6.340  | 77   | 32392    | 13.796  | ng    | 97       |
| 10) Phenol                    | 6.457  | 94   | 192622   | 43.712  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 166812   | 49.777  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 6.728  | 146  | 177540   | 46.682  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 183406   | 47.197  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 169091   | 46.762  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.940  | 79   | 133301   | 47.866  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 255287   | 46.594  | ng    | # 44     |
| 17) 2-Methylphenol            | 7.057  | 107  | 121781   | 42.166  | ng    | # 90     |
| 18) Hexachloroethane          | 7.293  | 117  | 56540    | 40.063  | ng    | # 90     |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 116977   | 46.747  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 159435   | 44.187  | ng    | # 51     |
| 22) Acetophenone              | 7.198  | 105  | 235732   | 58.009  | ng    | # 83     |
| 24) Nitrobenzene              | 7.369  | 77   | 159438   | 50.235  | ng    | 97       |
| 25) Isophorone                | 7.610  | 82   | 291483   | 50.560  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 54226    | 35.710  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 117297   | 63.449  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 183909   | 52.481  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.934  | 162  | 111996   | 47.056  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 134279   | 50.637  | ng    | 98       |
| 31) Naphthalene               | 8.087  | 128  | 454955   | 51.079  | ng    | 99       |
| 32) Benzoic acid              | 7.863  | 122  | 73906    | 41.317  | ng    | 90       |
| 33) 4-Chloroaniline           | 8.145  | 127  | 32889    | 10.001  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 83225    | 51.656  | ng    | 98       |
| 35) Caprolactam               | 8.522  | 113  | 35991    | 45.839  | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 113410   | 42.327  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 261116   | 45.553  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 245264   | 43.612  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 125871   | 58.225  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 13761    | 23.640  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 72767    | 52.486  | ng    | 98       |

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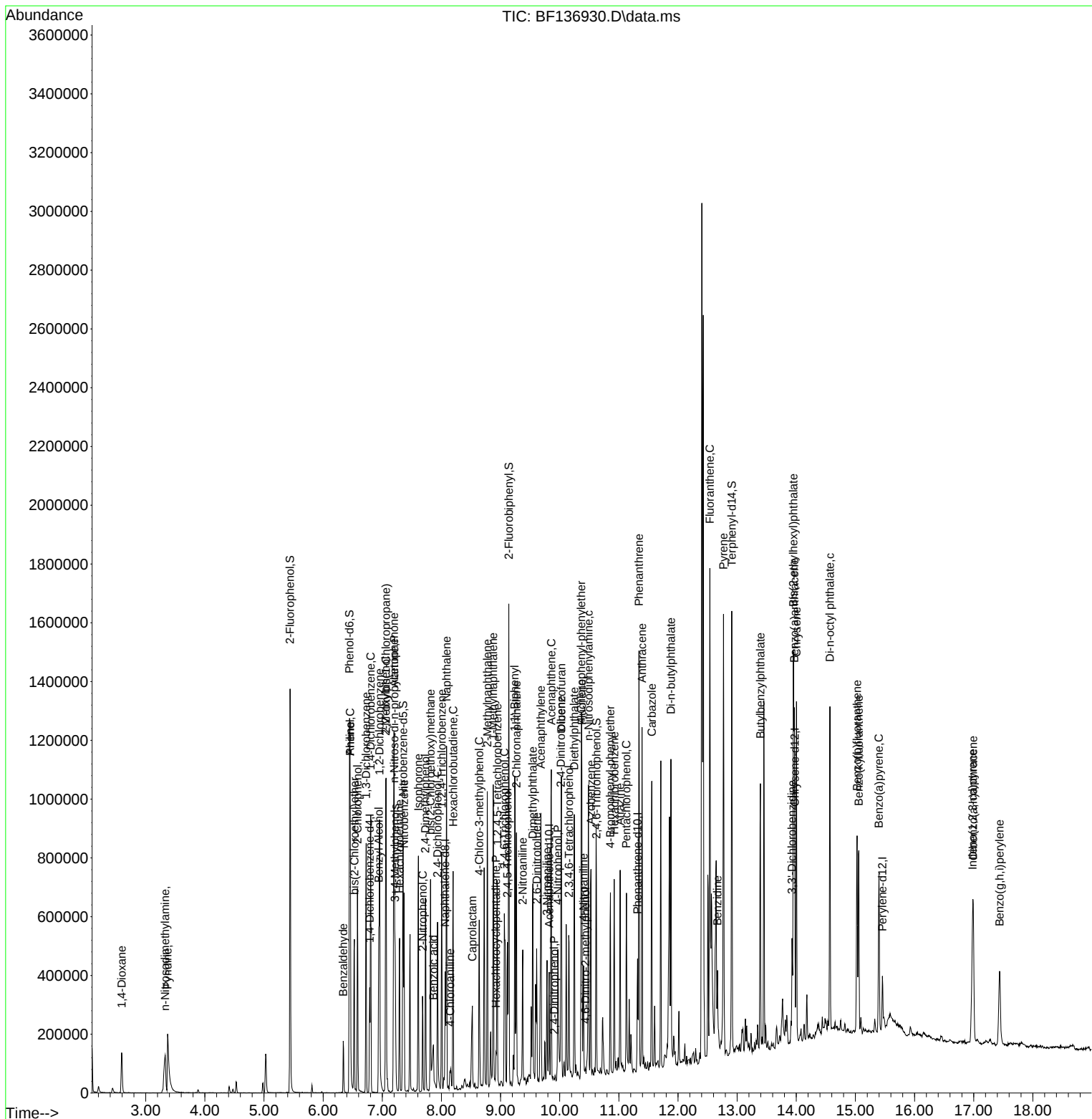
Instrument :  
 BNA\_F  
 ClientSampleId :

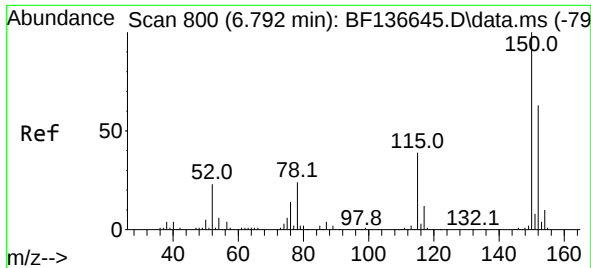
Quant Time: Jan 04 03:47:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
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 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.116  | 196  | 77654    | 50.263 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 326201   | 55.688 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 232398   | 52.188 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.375  | 65   | 73296    | 52.562 | ng    | 87       |
| 49) Acenaphthylene            | 9.681  | 152  | 374093   | 54.962 | ng    | 99       |
| 50) Dimethylphthalate         | 9.545  | 163  | 267020   | 52.371 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.610  | 165  | 49555    | 42.825 | ng    | 91       |
| 52) Acenaphthene              | 9.857  | 154  | 223944   | 53.078 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.786  | 138  | 56910    | 46.428 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.904  | 184  | 1272     | 5.626  | ng    | # 75     |
| 55) Dibenzofuran              | 10.028 | 168  | 334085   | 52.236 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.969  | 139  | 76271    | 92.173 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 58998    | 39.274 | ng    | 97       |
| 58) Fluorene                  | 10.375 | 166  | 274985   | 54.187 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232  | 65398    | 54.990 | ng    | # 96     |
| 60) Diethylphthalate          | 10.245 | 149  | 267202   | 50.509 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204  | 120548   | 48.871 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.404 | 138  | 61259    | 51.841 | ng    | 95       |
| 63) Azobenzene                | 10.528 | 77   | 234290   | 47.417 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.433 | 198  | 1718     | 2.226  | ng    | 82       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 223925   | 51.190 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 74076    | 49.533 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 83215    | 49.931 | ng    | 99       |
| 69) Atrazine                  | 11.022 | 200  | 70849    | 63.324 | ng    | 98       |
| 70) Pentachlorophenol         | 11.128 | 266  | 76612    | 98.622 | ng    | 97       |
| 71) Phenanthrene              | 11.339 | 178  | 517164   | 74.848 | ng    | 99       |
| 72) Anthracene                | 11.392 | 178  | 431103   | 61.608 | ng    | 98       |
| 73) Carbazole                 | 11.557 | 167  | 381246   | 57.788 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 455346   | 56.562 | ng    | 99       |
| 75) Fluoranthene              | 12.539 | 202  | 593457   | 80.297 | ng    | 97       |
| 77) Benzidine                 | 12.669 | 184  | 94160    | 30.937 | ng    | 97       |
| 78) Pyrene                    | 12.769 | 202  | 584880   | 57.720 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.392 | 149  | 205271   | 55.672 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.969 | 228  | 438730   | 61.209 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 77501    | 38.073 | ng    | # 97     |
| 83) Chrysene                  | 14.004 | 228  | 402288   | 57.394 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.951 | 149  | 298200   | 64.280 | ng    | 95       |
| 85) Di-n-octyl phthalate      | 14.569 | 149  | 493030   | 68.705 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 289176   | 48.436 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 337338   | 61.079 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 288831   | 55.346 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 271868   | 58.316 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.992 | 278  | 235185   | 48.016 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.439 | 276  | 231431   | 46.133 | ng    | 97       |

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

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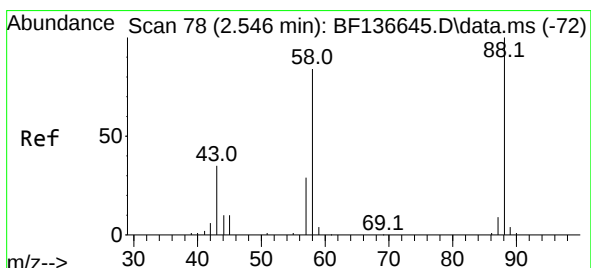
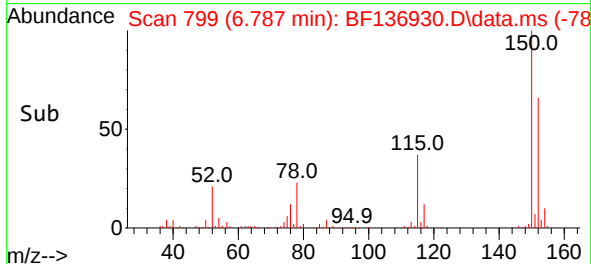
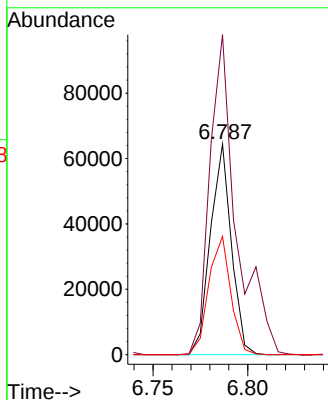
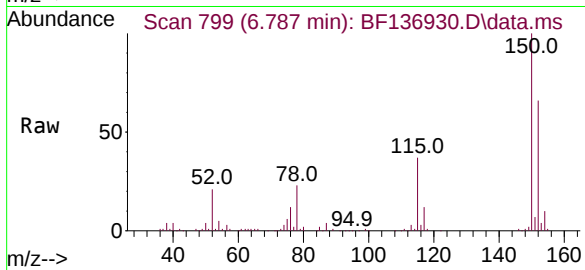




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF136930.D  
 Acq: 04 Jan 2024 03:09

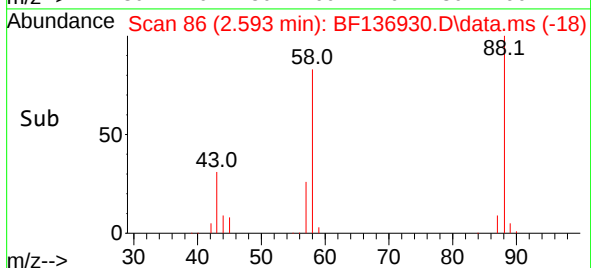
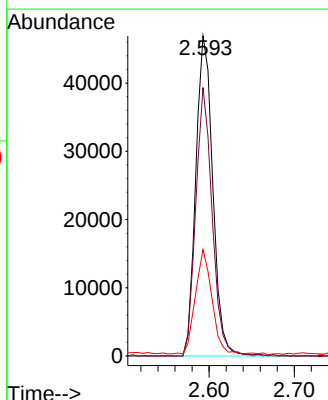
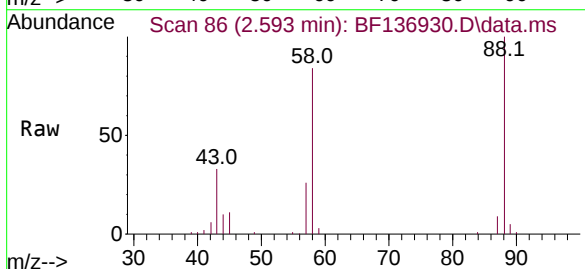
Instrument :  
 BNA\_F  
 ClientSampleId :

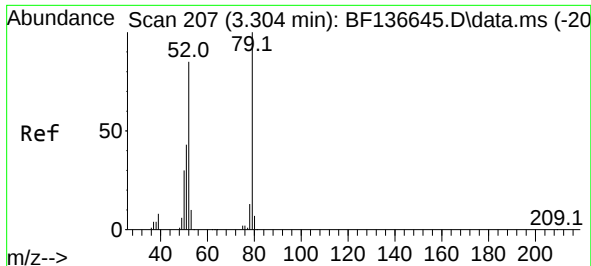
Tgt Ion:152 Resp: 49707  
 Ion Ratio Lower Upper  
 152 100  
 150 151.8 127.0 190.6  
 115 56.1 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 48.896 ng  
 RT: 2.593 min Scan# 86  
 Delta R.T. 0.047 min  
 Lab File: BF136930.D  
 Acq: 04 Jan 2024 03:09

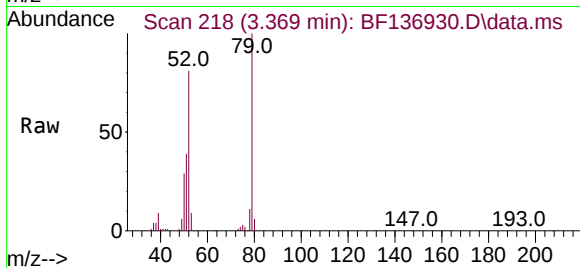
Tgt Ion: 88 Resp: 64904  
 Ion Ratio Lower Upper  
 88 100  
 58 81.5 67.4 101.0  
 43 31.6 27.7 41.5



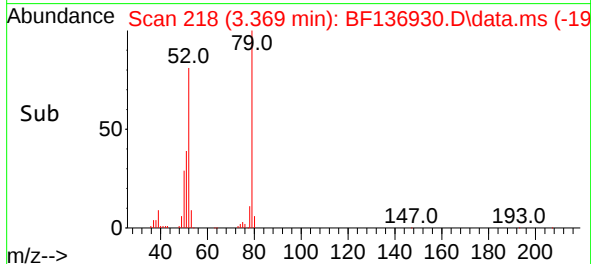
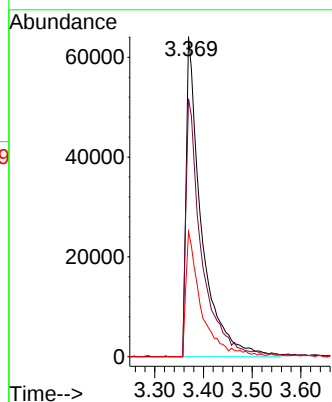


#3  
Pyridine  
Concen: 43.055 ng  
RT: 3.369 min Scan# 211  
Delta R.T. 0.065 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Instrument :  
BNA\_F  
ClientSampleId :

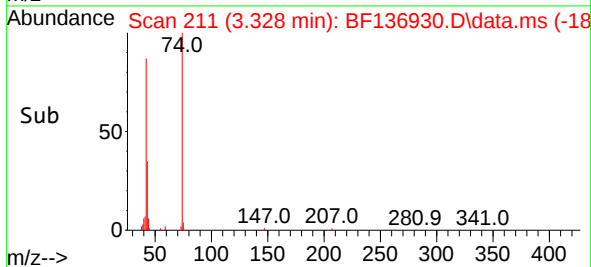
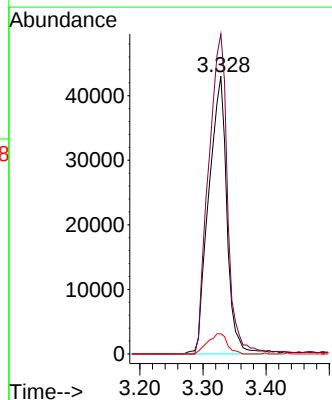
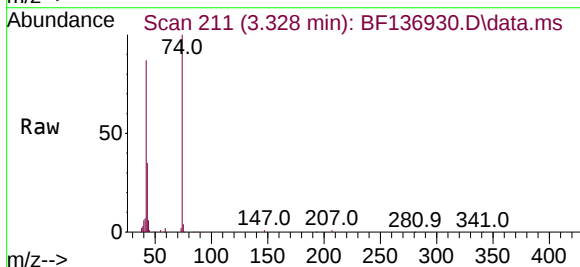


Tgt Ion: 79 Resp: 139439  
Ion Ratio Lower Upper  
79 100  
52 80.6 67.7 101.5  
51 39.1 34.0 51.0



#4  
n-Nitrosodimethylamine  
Concen: 49.700 ng  
RT: 3.328 min Scan# 211  
Delta R.T. 0.053 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion: 42 Resp: 85956  
Ion Ratio Lower Upper  
42 100  
74 115.3 96.0 144.0  
44 7.3 5.4 8.2

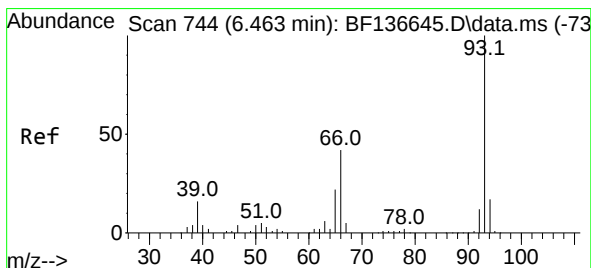
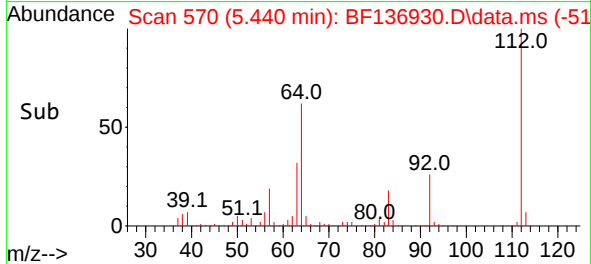
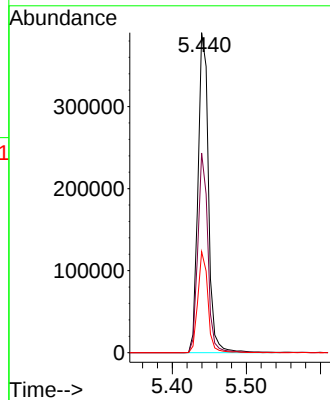
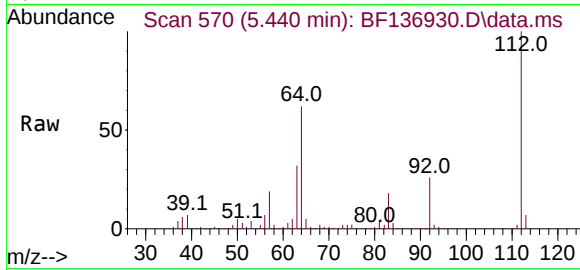




#5  
2-Fluorophenol  
Concen: 119.478 ng  
RT: 5.440 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

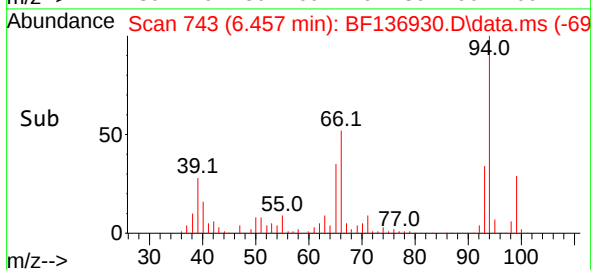
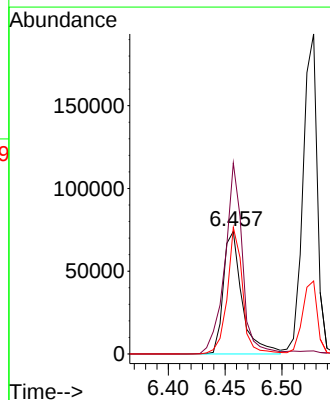
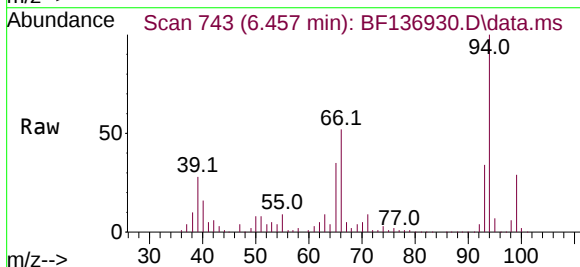
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ClientSampleId :

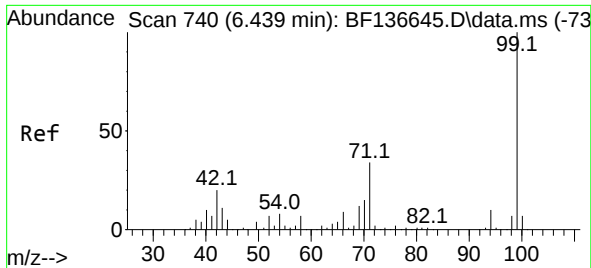
Tgt Ion:112 Resp: 380630  
Ion Ratio Lower Upper  
112 100  
64 62.4 51.1 76.7  
63 31.6 26.1 39.1



#6  
Aniline  
Concen: 20.646 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion: 93 Resp: 85208  
Ion Ratio Lower Upper  
93 100  
66 155.8 34.6 51.8#  
65 103.3 17.8 26.8#

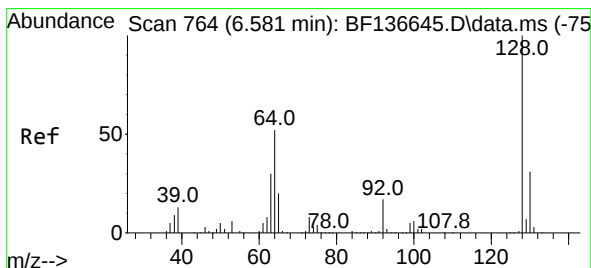
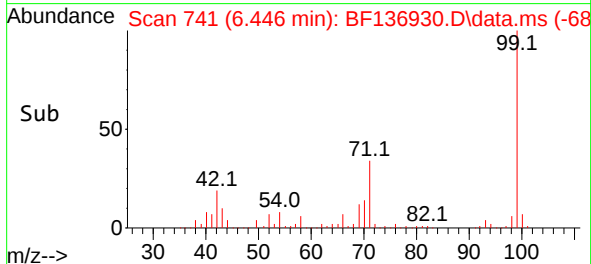
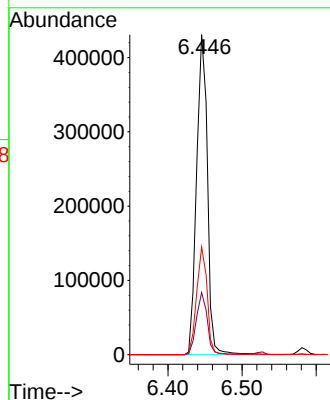
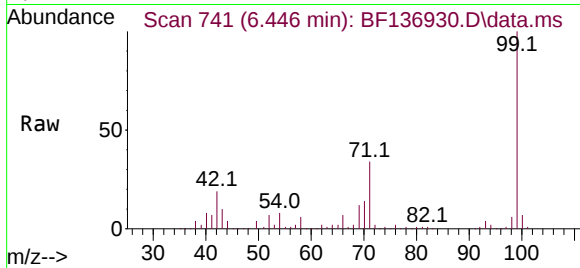




#7  
Phenol-d6  
Concen: 105.999 ng  
RT: 6.446 min Scan# 741  
Delta R.T. 0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

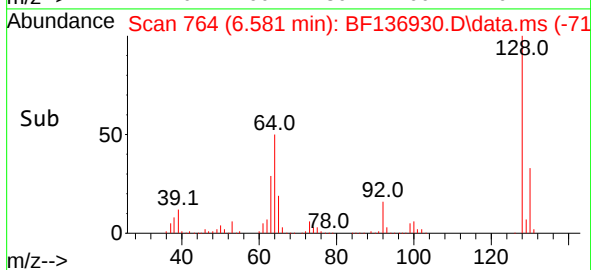
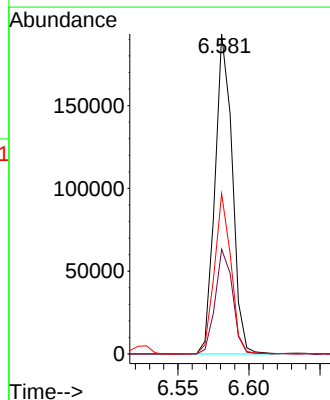
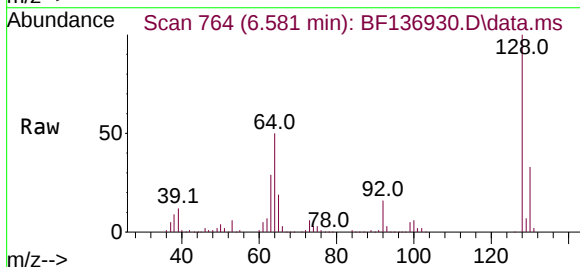
Instrument :  
BNA\_F  
ClientSampleId :

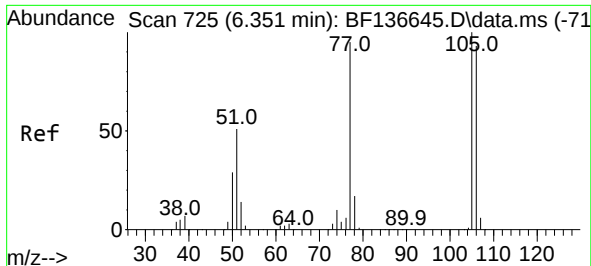
Tgt Ion: 99 Resp: 437561  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.1 24.1  
71 33.7 27.4 41.2



#8  
2-Chlorophenol  
Concen: 47.043 ng  
RT: 6.581 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

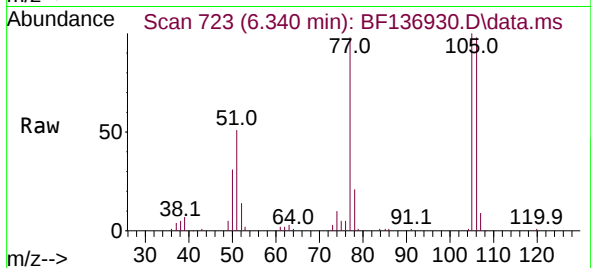
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130 32.7 11.3 51.3  
64 50.0 32.5 72.5



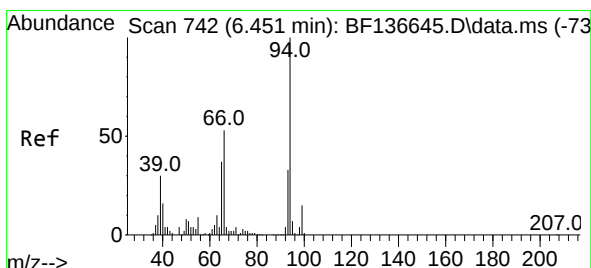
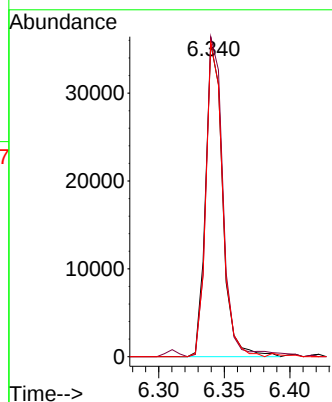
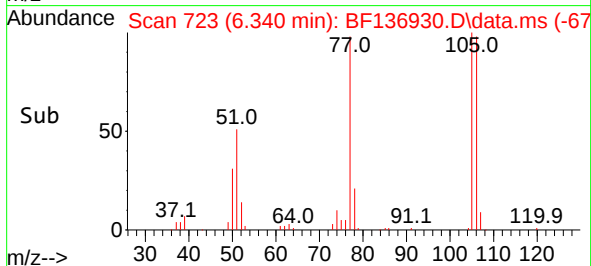


#9  
Benzaldehyde  
Concen: 13.796 ng  
RT: 6.340 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

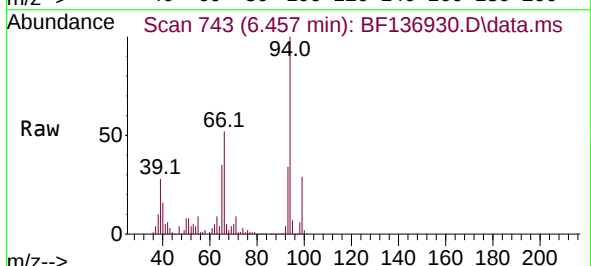
Instrument :  
BNA\_F  
ClientSampleId :



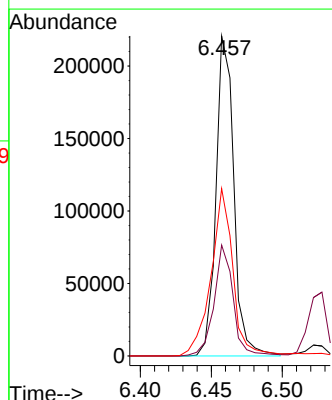
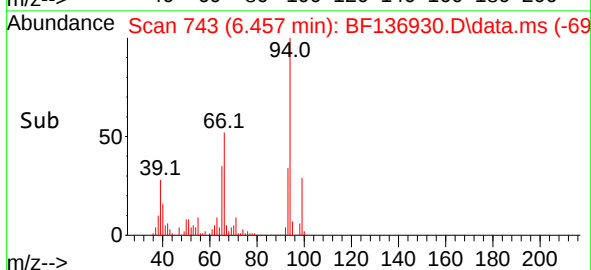
Tgt Ion: 77 Resp: 32392  
Ion Ratio Lower Upper  
77 100  
105 102.3 84.8 124.8  
106 100.5 77.8 117.8

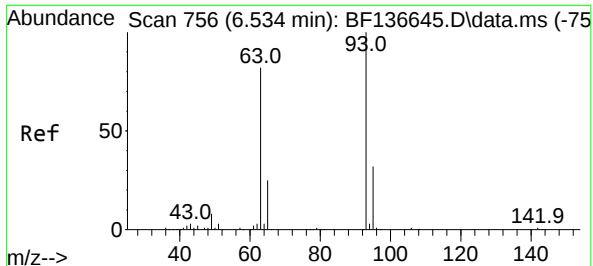


#10  
Phenol  
Concen: 43.712 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09



Tgt Ion: 94 Resp: 192622  
Ion Ratio Lower Upper  
94 100  
65 34.7 16.6 56.6  
66 52.3 32.6 72.6

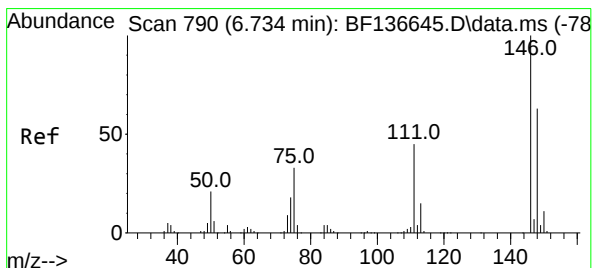
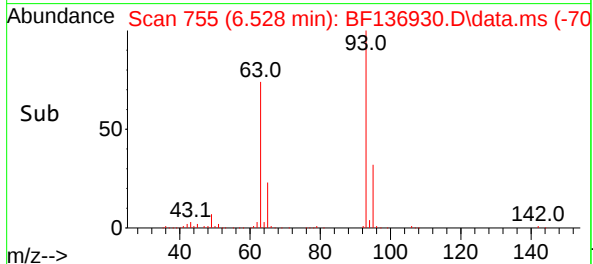
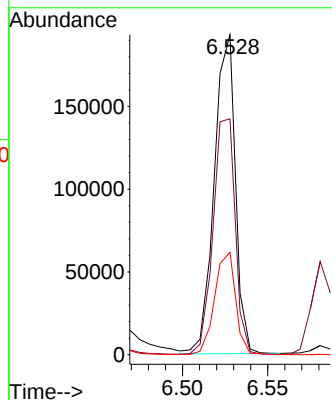
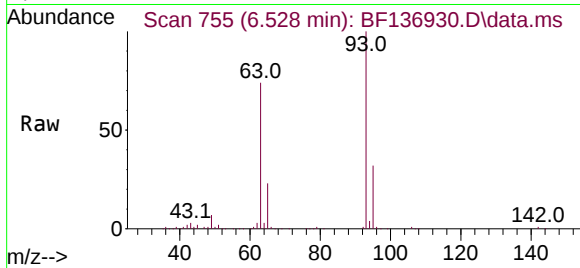




#11  
bis(2-Chloroethyl)ether  
Concen: 49.777 ng  
RT: 6.528 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

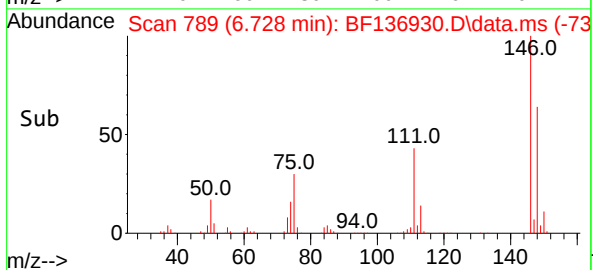
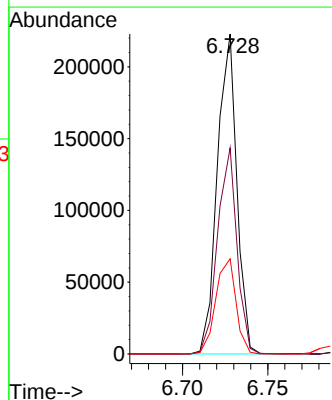
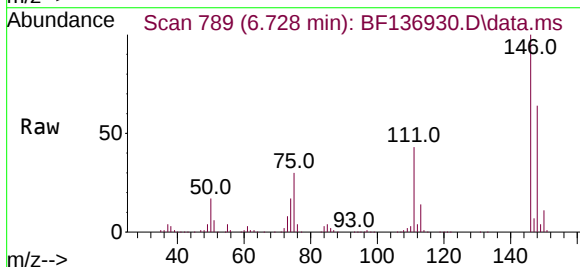
Instrument :  
BNA\_F  
ClientSampleId :

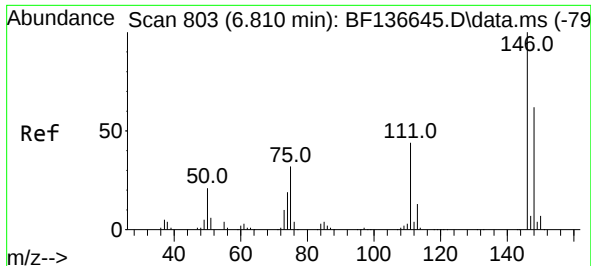
Tgt Ion: 93 Resp: 166812  
Ion Ratio Lower Upper  
93 100  
63 73.7 61.2 101.2  
95 32.0 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 46.682 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:146 Resp: 177540  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.5 75.7  
75 29.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 47.197 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

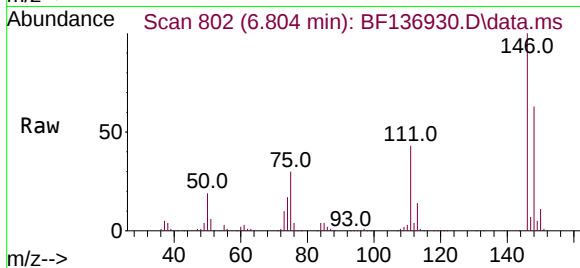
Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :



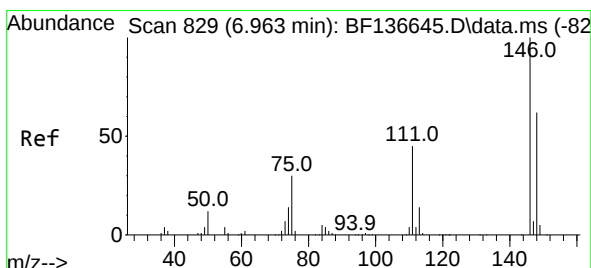
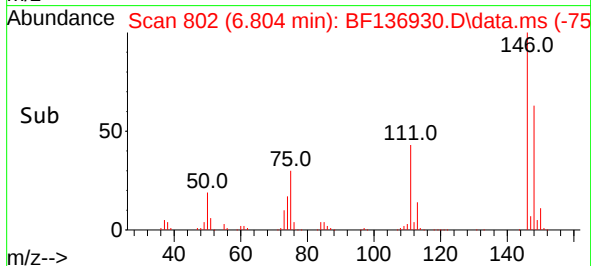
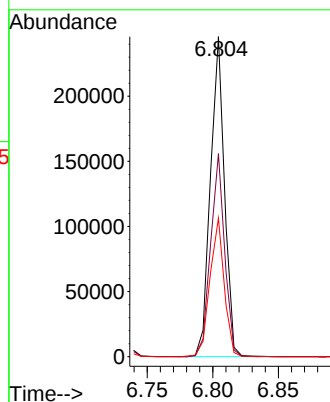
Tgt Ion:146 Resp: 183406

Ion Ratio Lower Upper

146 100

148 63.5 49.2 73.8

111 43.3 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 46.762 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

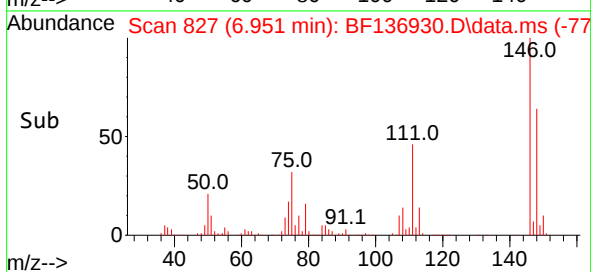
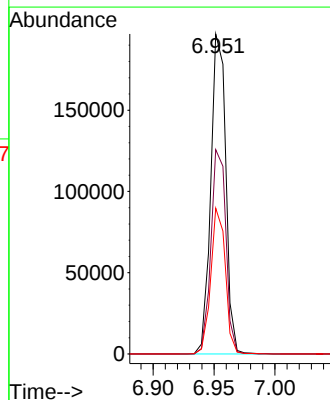
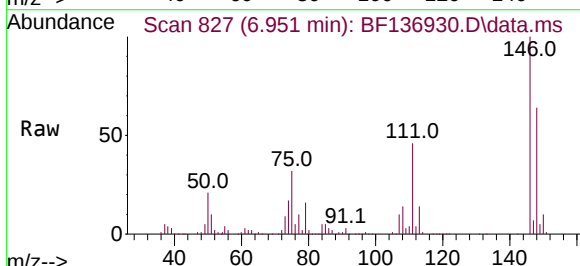
Tgt Ion:146 Resp: 169091

Ion Ratio Lower Upper

146 100

148 63.9 49.6 74.4

111 45.6 36.2 54.2

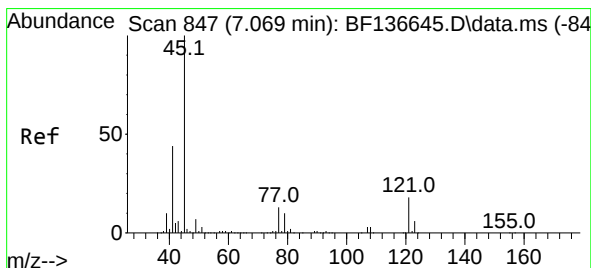
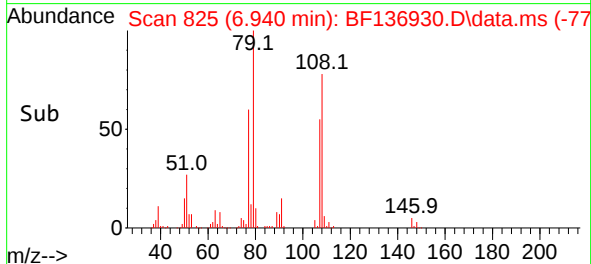
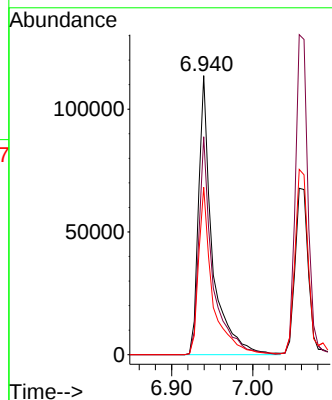
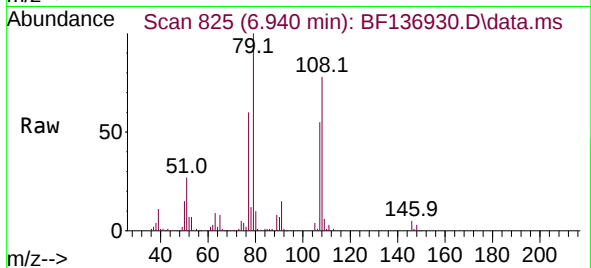




#15  
Benzyl Alcohol  
Concen: 47.866 ng  
RT: 6.940 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

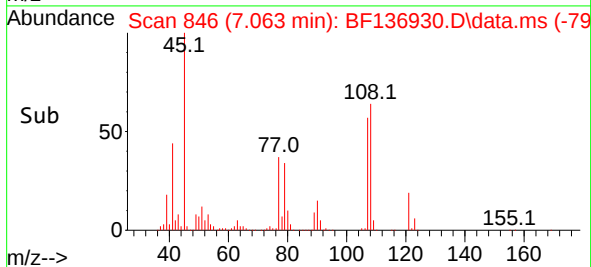
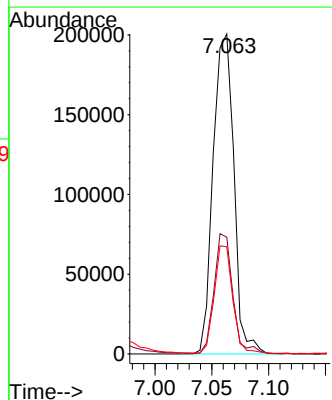
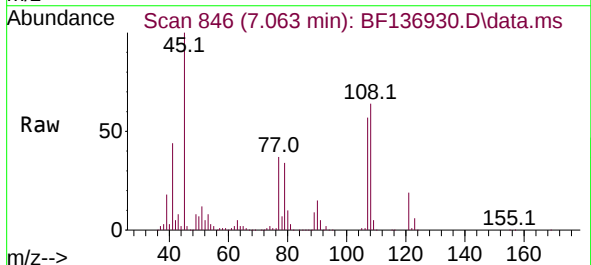
Instrument :  
BNA\_F  
ClientSampleId :

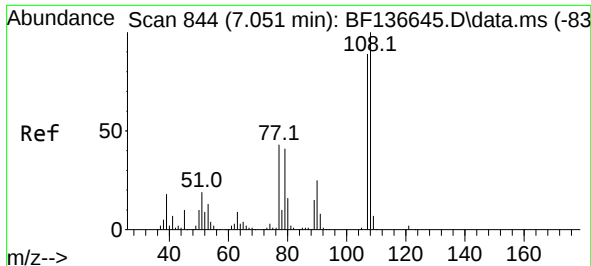
Tgt Ion: 79 Resp: 133301  
Ion Ratio Lower Upper  
79 100  
108 78.1 61.0 91.6  
77 60.0 49.8 74.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.594 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

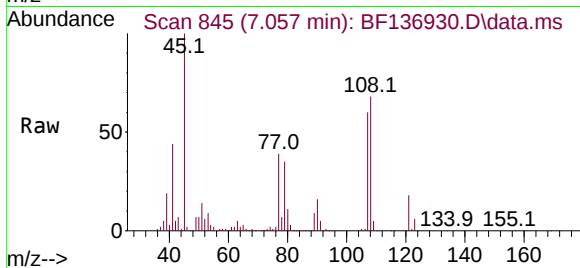
Tgt Ion: 45 Resp: 255287  
Ion Ratio Lower Upper  
45 100  
77 36.5 0.0 34.3#  
79 33.5 0.0 31.4#



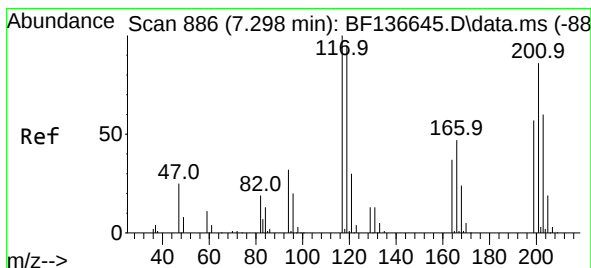
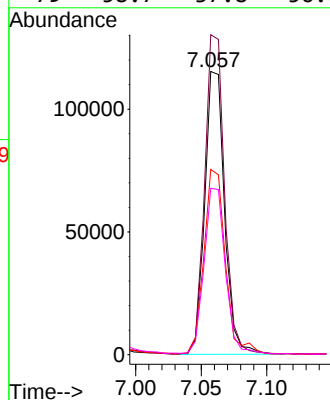
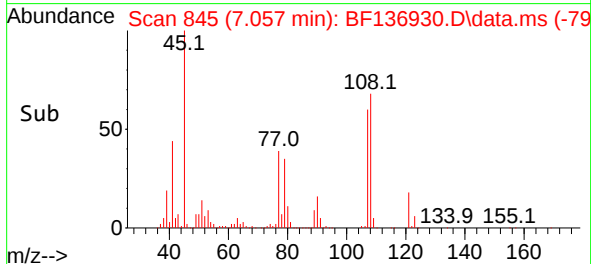


#17  
2-Methylphenol  
Concen: 42.166 ng  
RT: 7.057 min Scan# 844  
Delta R.T. 0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Instrument :  
BNA\_F  
ClientSampleId :

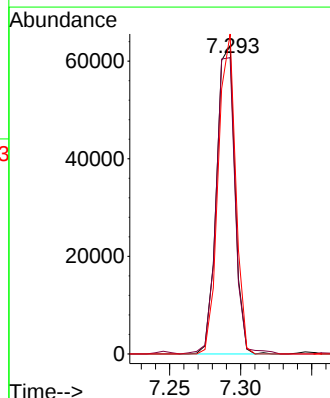
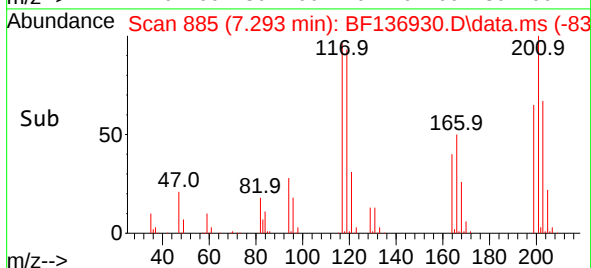
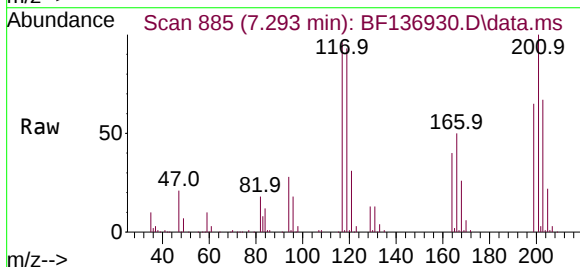


Tgt Ion:107 Resp: 121781  
Ion Ratio Lower Upper  
107 100  
108 113.0 90.3 135.5  
77 65.4 38.7 58.1#  
79 58.7 37.8 56.6#



#18  
Hexachloroethane  
Concen: 40.063 ng  
RT: 7.293 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

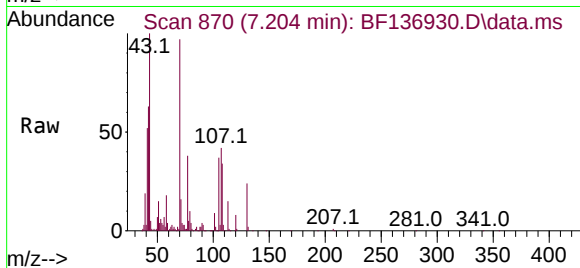
Tgt Ion:117 Resp: 56540  
Ion Ratio Lower Upper  
117 100  
119 96.2 75.8 113.6  
201 103.9 69.1 103.7#



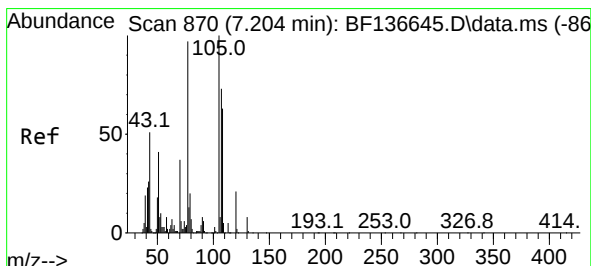
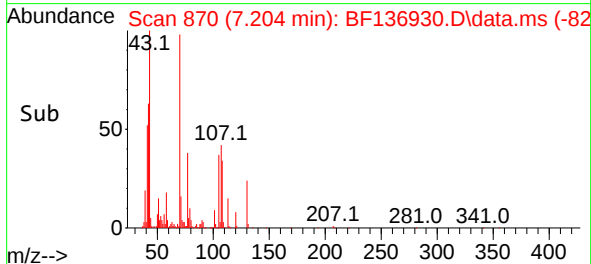
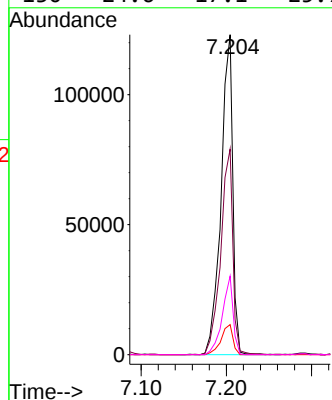


#19  
n-Nitroso-di-n-propylamine  
Concen: 46.747 ng  
RT: 7.204 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Instrument :  
BNA\_F  
ClientSampleId :

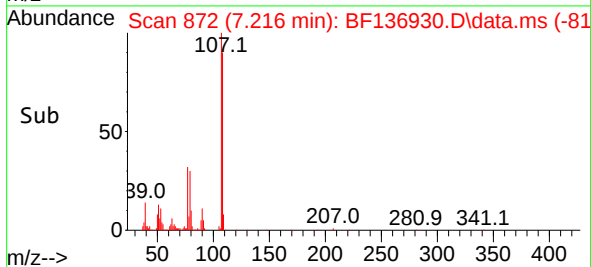
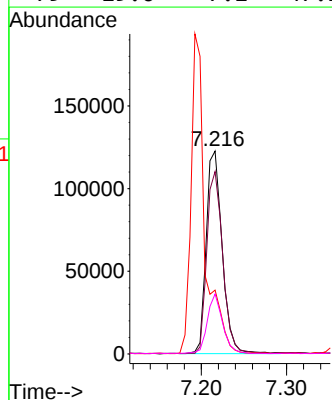
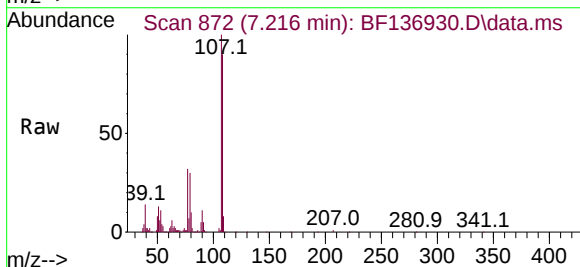


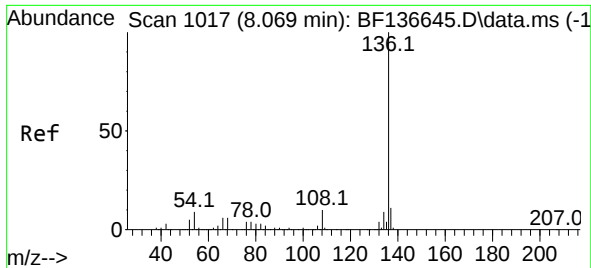
Tgt Ion: 70 Resp: 116977  
Ion Ratio Lower Upper  
70 100  
42 64.2 54.2 81.4  
101 9.4 7.6 11.4  
130 24.6 17.1 25.7



#20  
3+4-Methylphenols  
Concen: 44.187 ng  
RT: 7.216 min Scan# 872  
Delta R.T. 0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

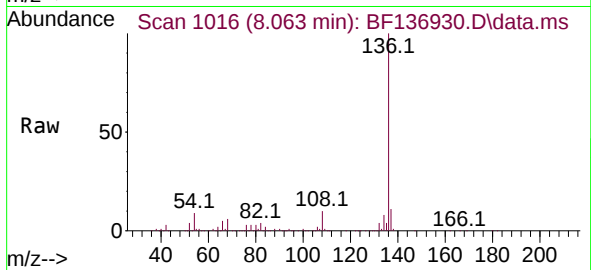
Tgt Ion: 107 Resp: 159435  
Ion Ratio Lower Upper  
107 100  
108 89.9 66.0 106.0  
77 31.5 114.2 154.2#  
79 29.6 7.2 47.2



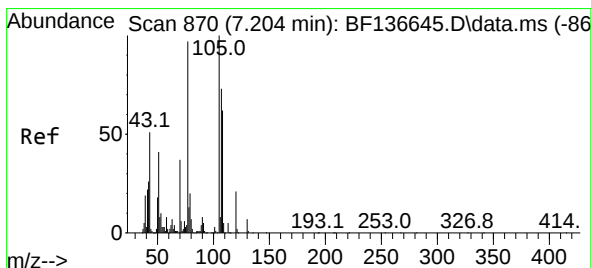
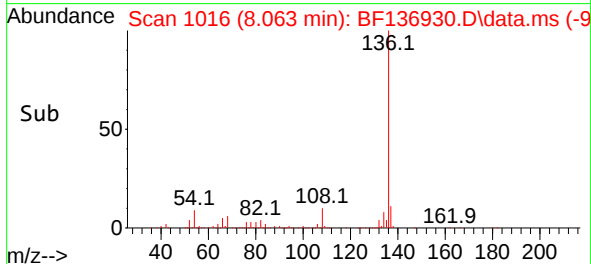
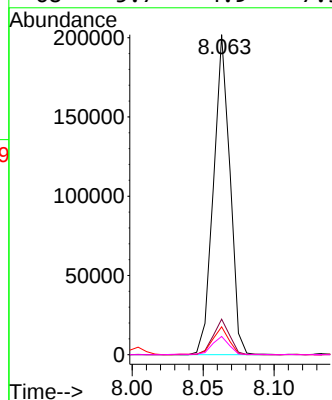


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Instrument :  
BNA\_F  
ClientSampleId :

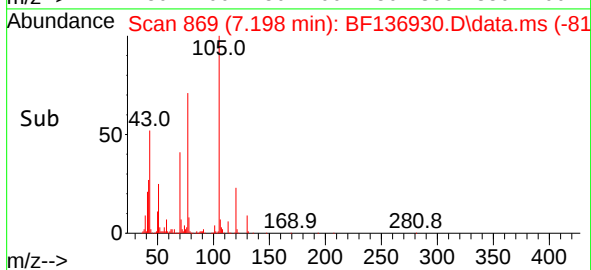
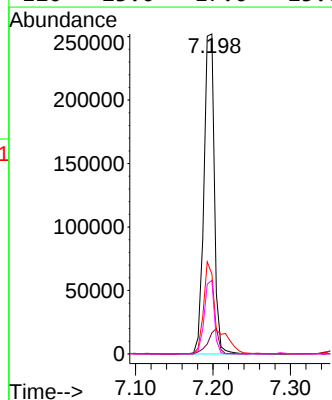
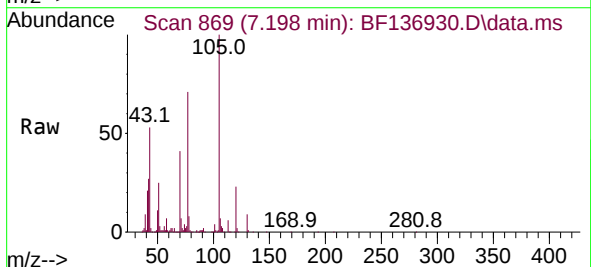


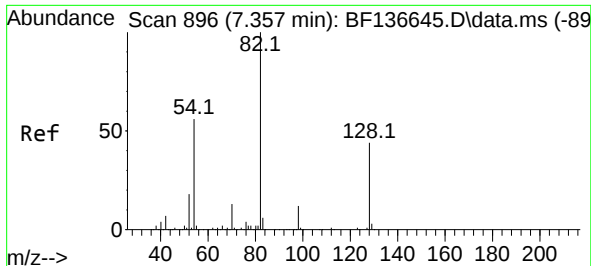
Tgt Ion:136 Resp: 162127  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 8.7 7.2 10.8  
68 5.7 4.9 7.3



#22  
Acetophenone  
Concen: 58.009 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:105 Resp: 235732  
Ion Ratio Lower Upper  
105 100  
71 6.6 4.8 7.2  
51 25.0 32.8 49.2#  
120 23.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 84.235 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

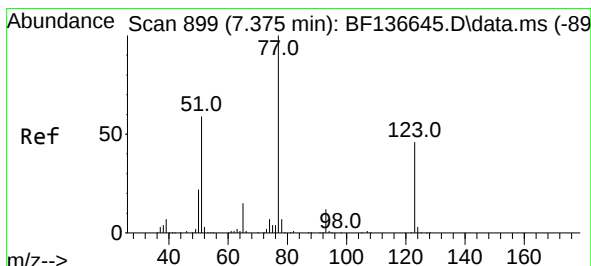
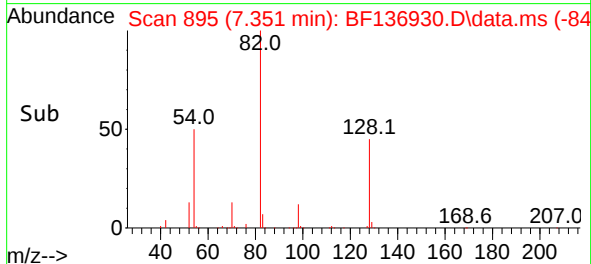
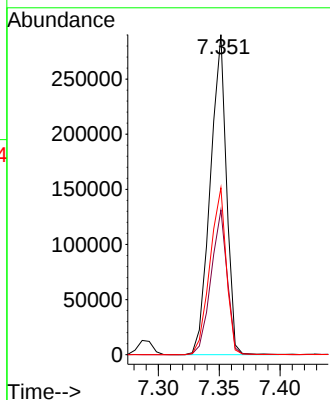
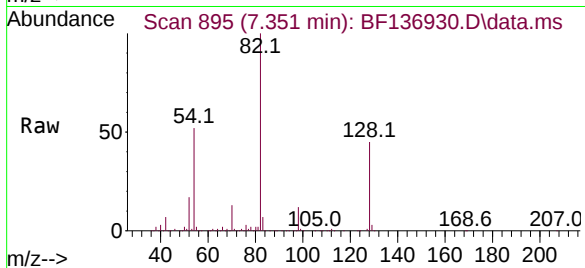
Tgt Ion: 82 Resp: 266884

Ion Ratio Lower Upper

82 100

128 45.3 35.3 52.9

54 52.2 44.5 66.7



#24

Nitrobenzene

Concen: 50.235 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

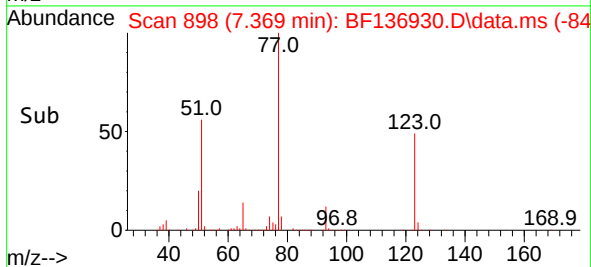
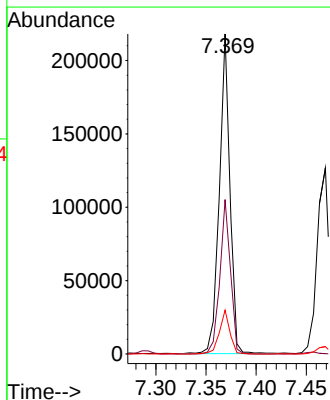
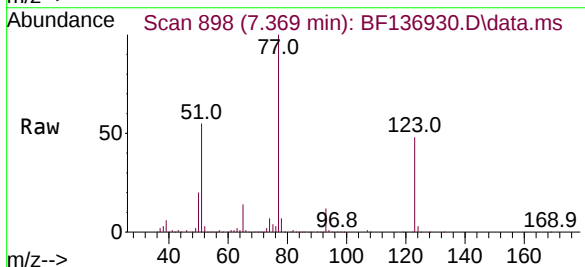
Tgt Ion: 77 Resp: 159438

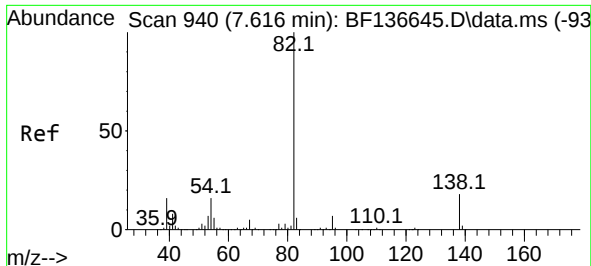
Ion Ratio Lower Upper

77 100

123 48.3 36.7 55.1

65 13.7 11.8 17.6

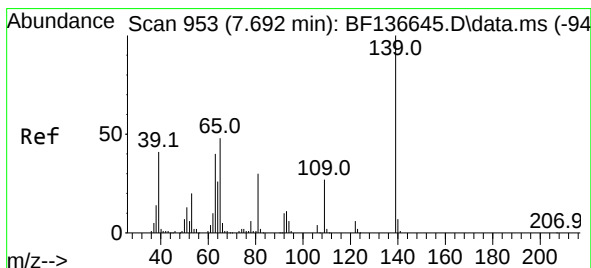
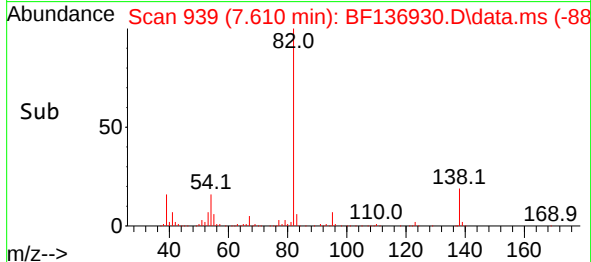
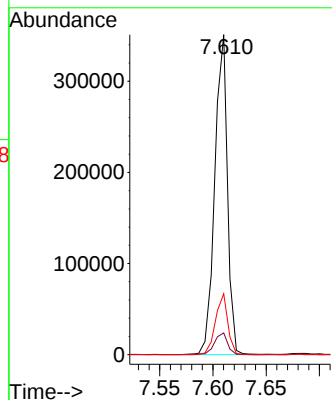
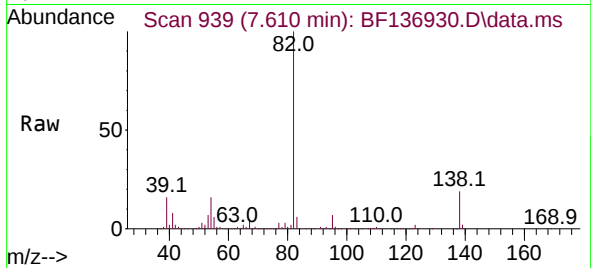




#25  
Isophorone  
Concen: 50.560 ng  
RT: 7.610 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

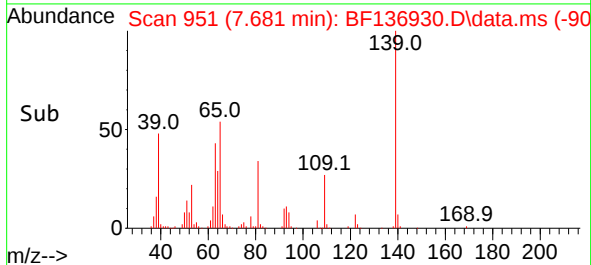
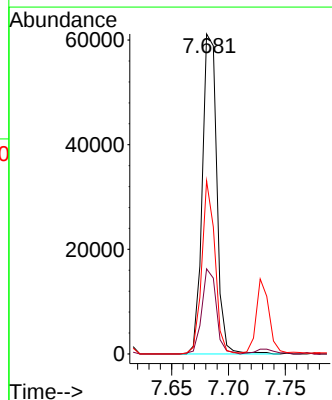
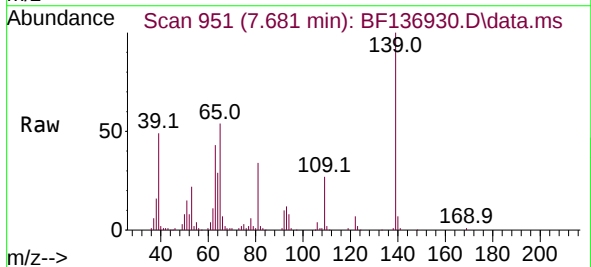
Instrument :  
BNA\_F  
ClientSampleId :

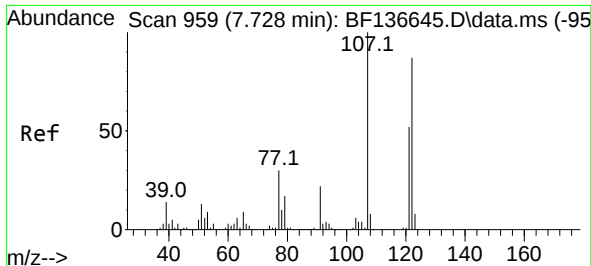
Tgt Ion: 82 Resp: 291483  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 19.0 14.5 21.7



#26  
2-Nitrophenol  
Concen: 35.710 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:139 Resp: 54226  
Ion Ratio Lower Upper  
139 100  
109 26.6 21.9 32.9  
65 54.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 63.449 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

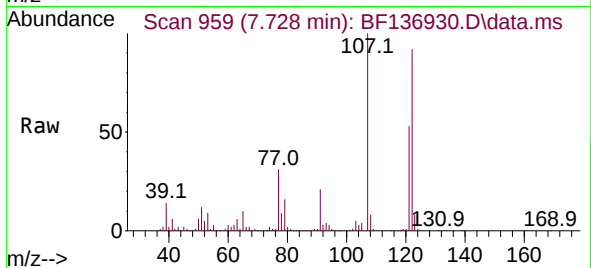
Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :



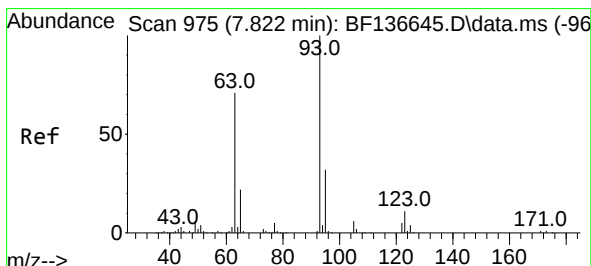
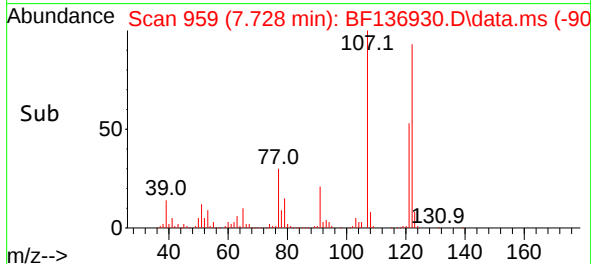
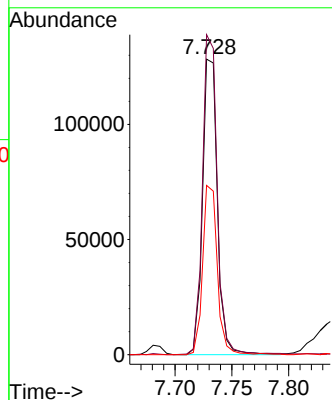
Tgt Ion:122 Resp: 117297

Ion Ratio Lower Upper

122 100

107 108.3 92.0 138.0

121 57.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 52.481 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

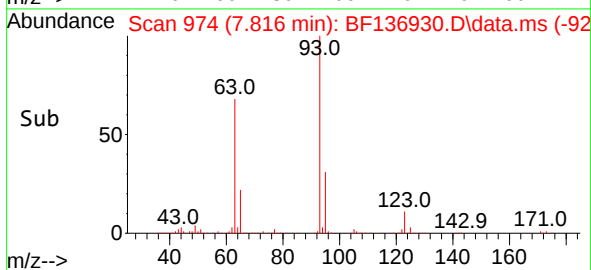
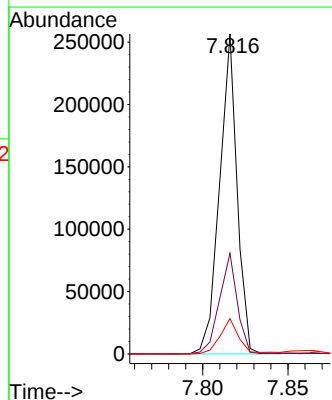
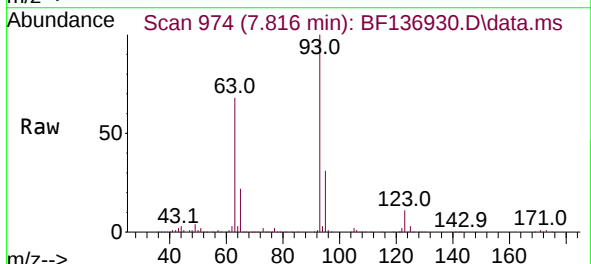
Tgt Ion: 93 Resp: 183909

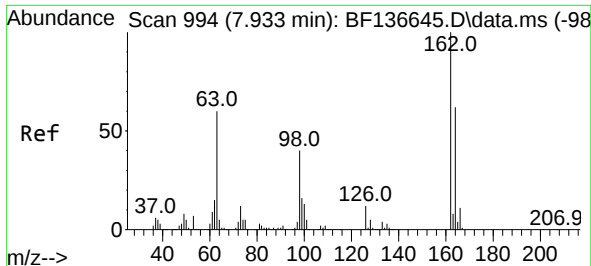
Ion Ratio Lower Upper

93 100

95 31.4 25.5 38.3

123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.056 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

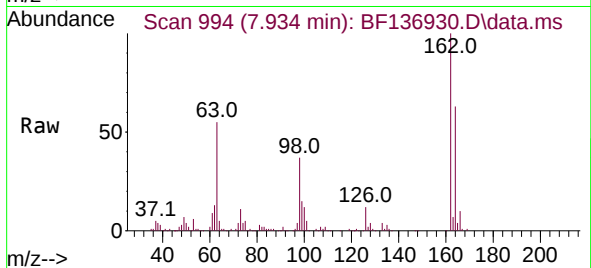
Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :



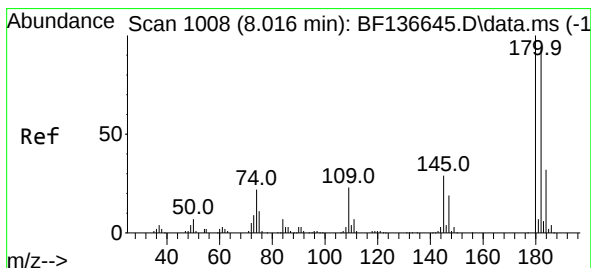
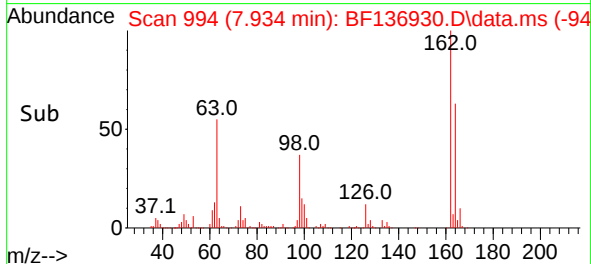
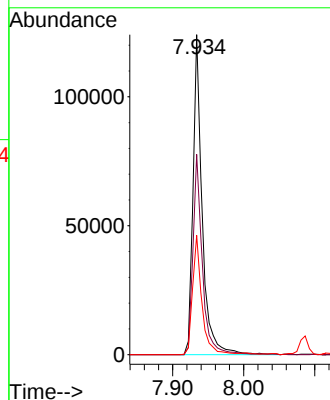
Tgt Ion:162 Resp: 111996

Ion Ratio Lower Upper

162 100

164 62.6 41.7 81.7

98 37.3 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 50.637 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

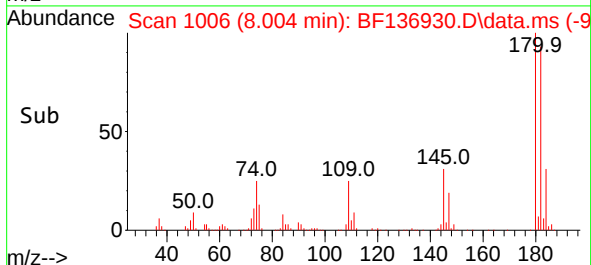
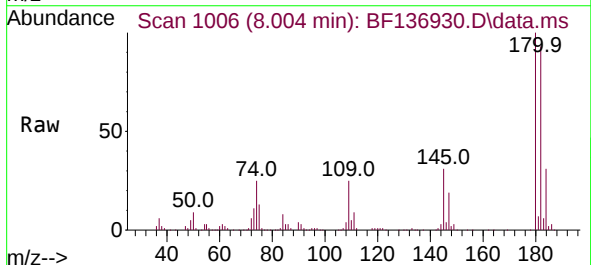
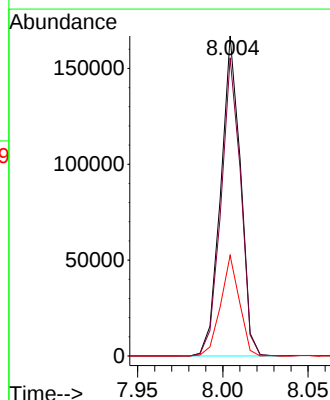
Tgt Ion:180 Resp: 134279

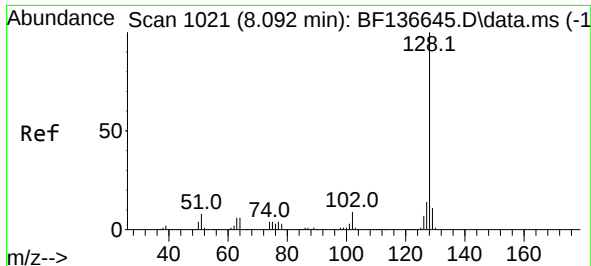
Ion Ratio Lower Upper

180 100

182 93.2 75.4 113.0

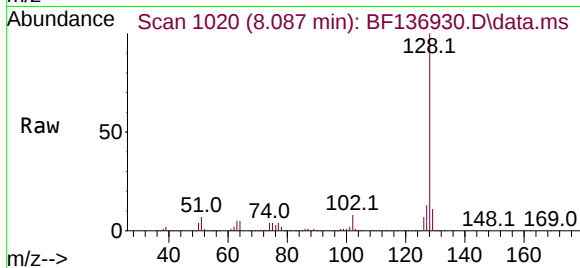
145 31.5 23.1 34.7



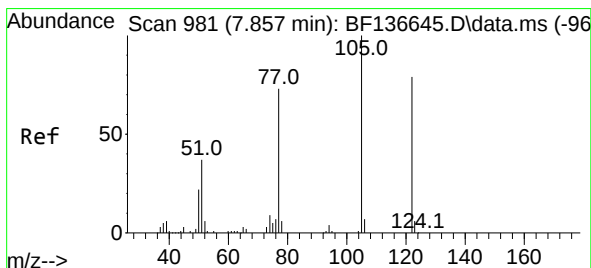
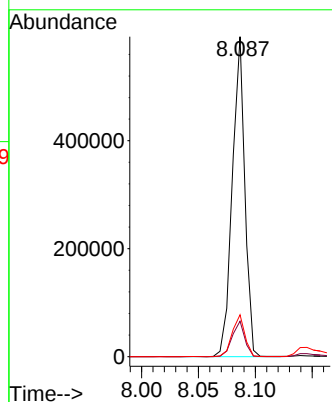
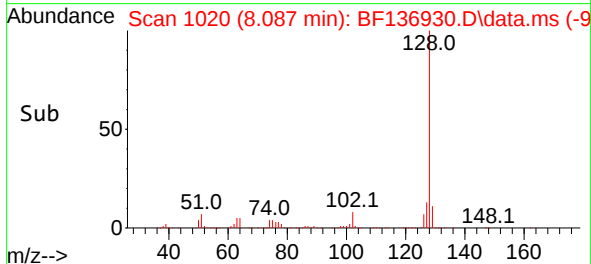


#31  
Naphthalene  
Concen: 51.079 ng  
RT: 8.087 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Instrument :  
BNA\_F  
ClientSampleId :

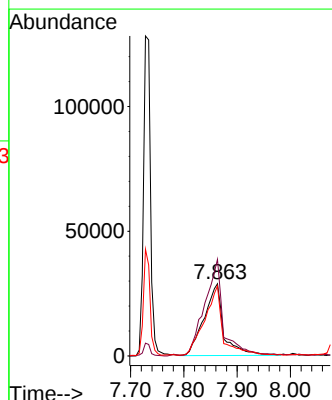
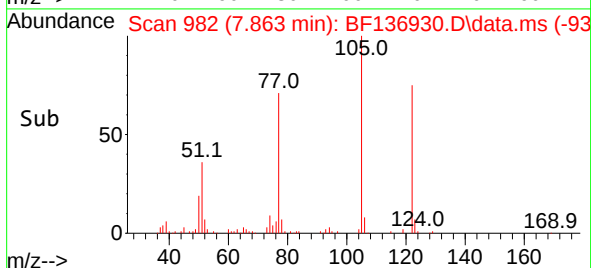
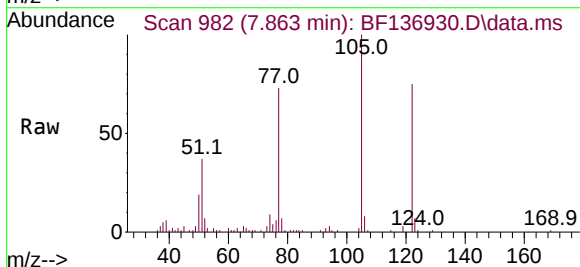


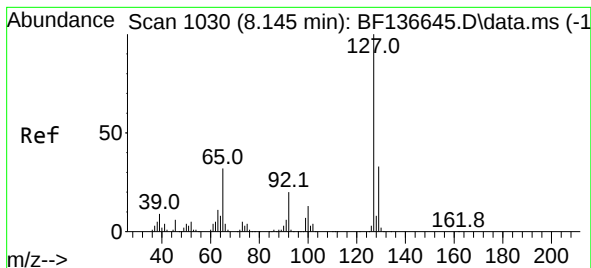
Tgt Ion:128 Resp: 454955  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.1 10.8 16.2



#32  
Benzoic acid  
Concen: 41.317 ng  
RT: 7.863 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:122 Resp: 73906  
Ion Ratio Lower Upper  
122 100  
105 134.1 100.8 140.8  
77 97.3 70.9 110.9





#33

4-Chloroaniline

Concen: 10.001 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 32889

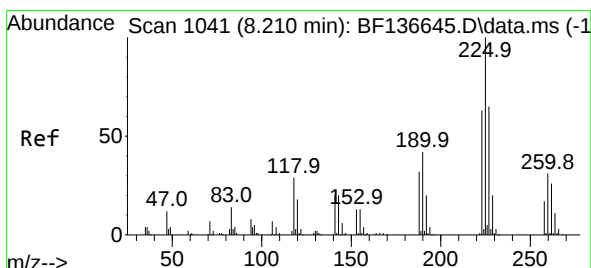
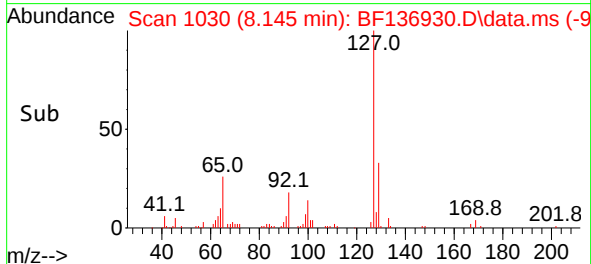
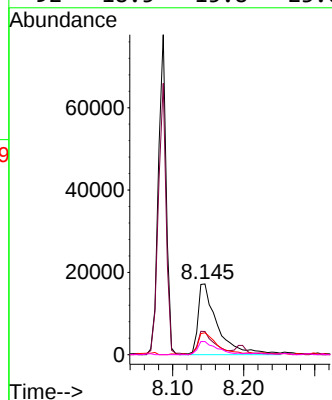
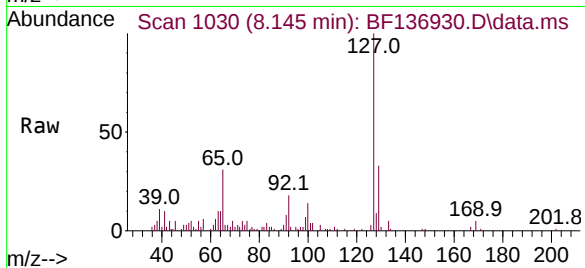
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 31.0 25.8 38.8

92 18.5 15.8 23.6



#34

Hexachlorobutadiene

Concen: 51.656 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

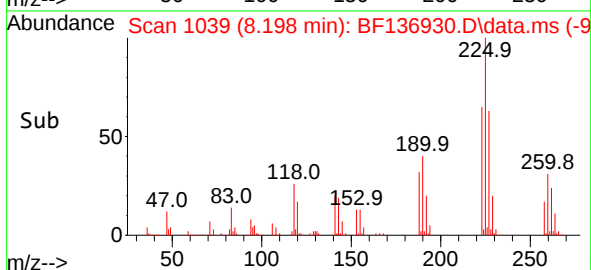
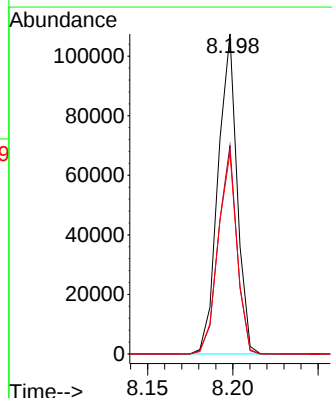
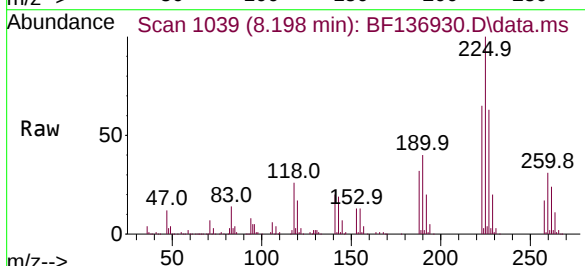
Tgt Ion:225 Resp: 83225

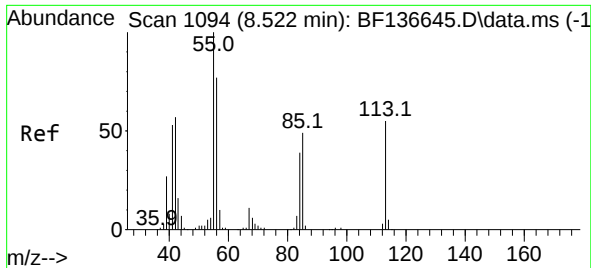
Ion Ratio Lower Upper

225 100

223 65.0 50.6 76.0

227 62.8 51.9 77.9

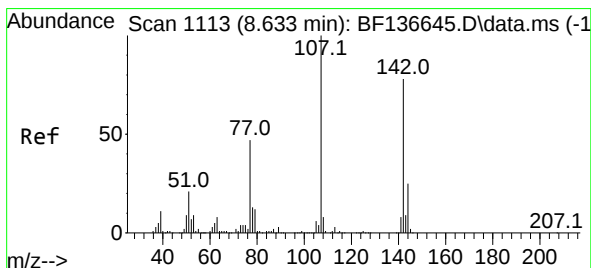
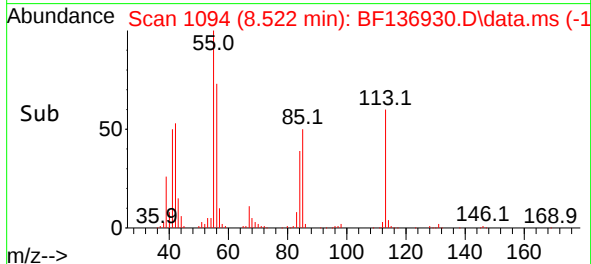
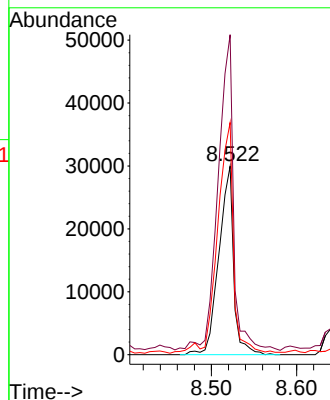
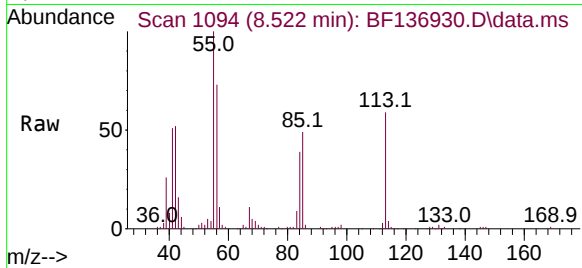




#35  
 Caprolactam  
 Concen: 45.839 ng  
 RT: 8.522 min Scan# 1094  
 Delta R.T. 0.000 min  
 Lab File: BF136930.D  
 Acq: 04 Jan 2024 03:09

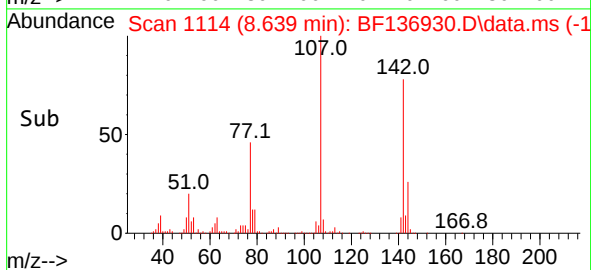
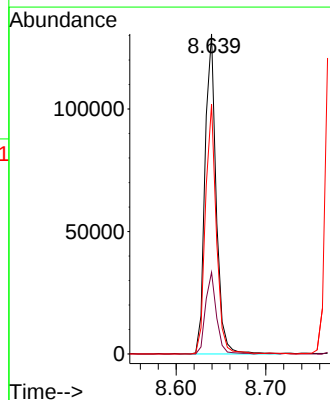
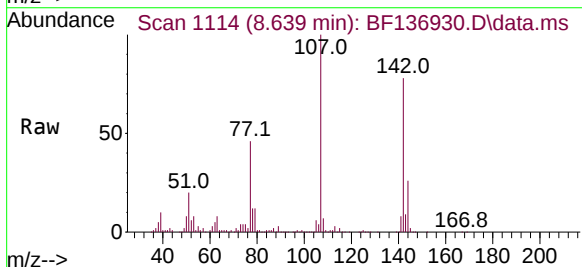
Instrument :  
 BNA\_F  
 ClientSampleId :

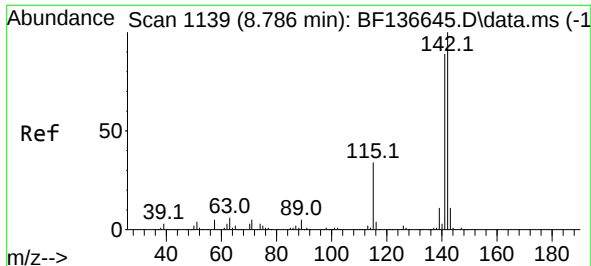
Tgt Ion:113 Resp: 35991  
 Ion Ratio Lower Upper  
 113 100  
 55 169.8 163.1 203.1  
 56 123.2 121.7 161.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.327 ng  
 RT: 8.639 min Scan# 1114  
 Delta R.T. 0.006 min  
 Lab File: BF136930.D  
 Acq: 04 Jan 2024 03:09

Tgt Ion:107 Resp: 113410  
 Ion Ratio Lower Upper  
 107 100  
 144 25.5 20.2 30.2  
 142 78.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 45.553 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

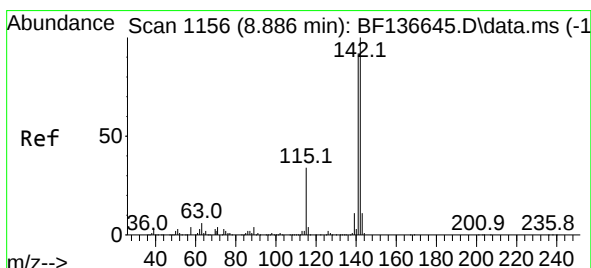
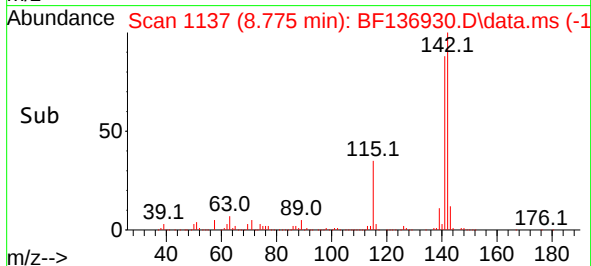
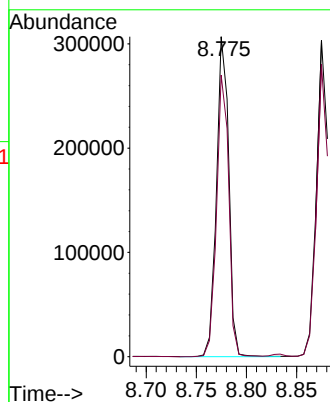
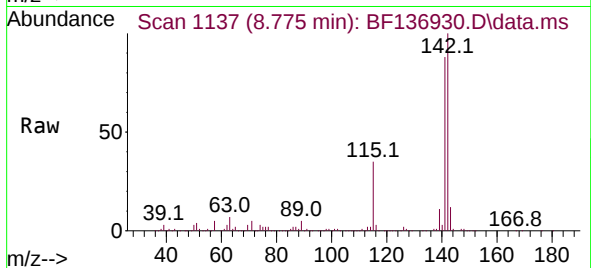
ClientSampleId :

Tgt Ion:142 Resp: 261116

Ion Ratio Lower Upper

142 100

141 88.0 71.1 106.7



#38

1-Methylnaphthalene

Concen: 43.612 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136930.D

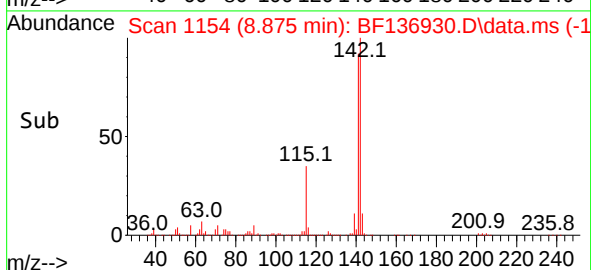
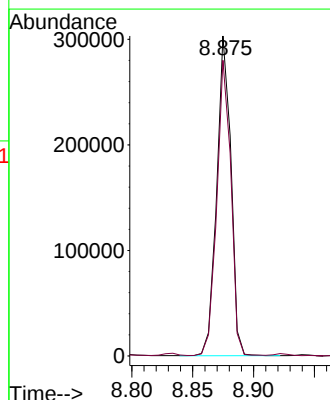
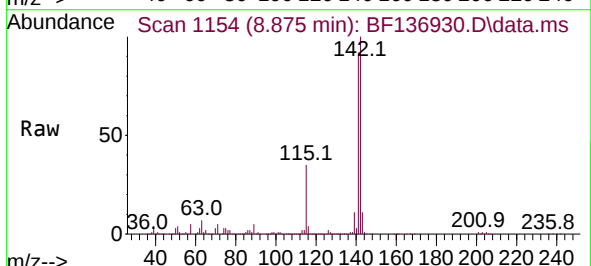
Acq: 04 Jan 2024 03:09

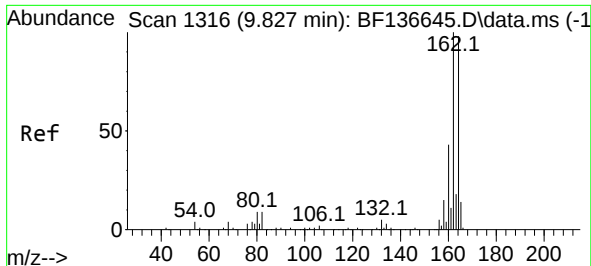
Tgt Ion:142 Resp: 245264

Ion Ratio Lower Upper

142 100

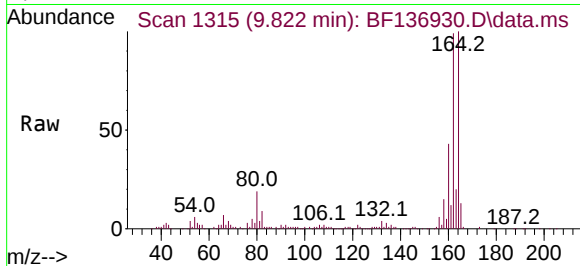
141 92.4 73.6 110.4



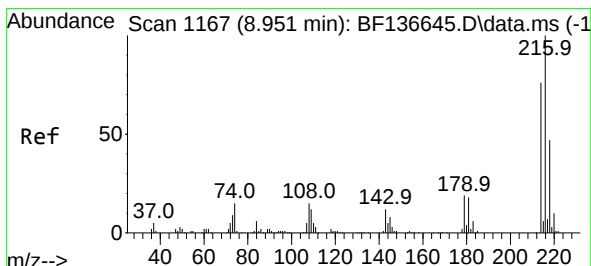
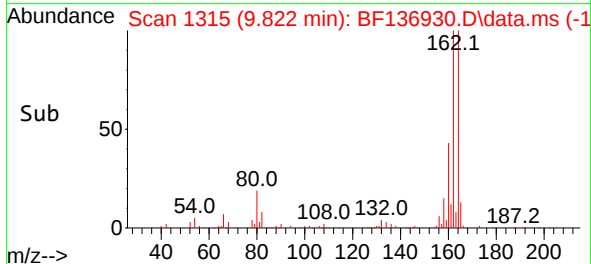
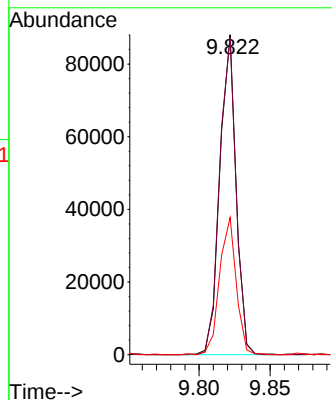


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Instrument :  
BNA\_F  
ClientSampleId :

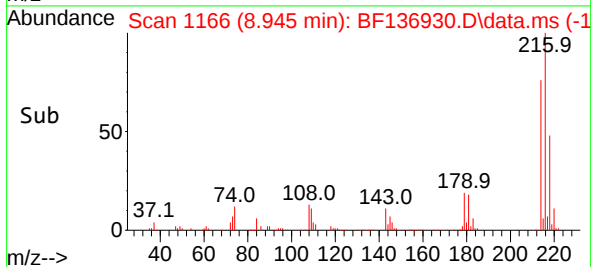
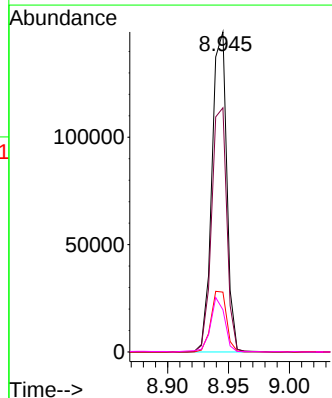
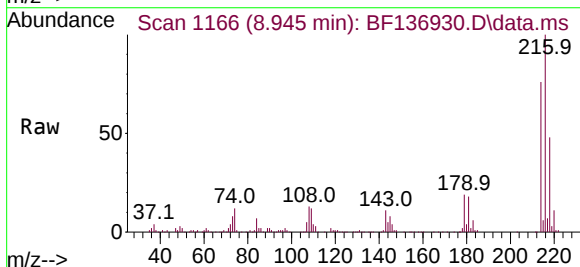


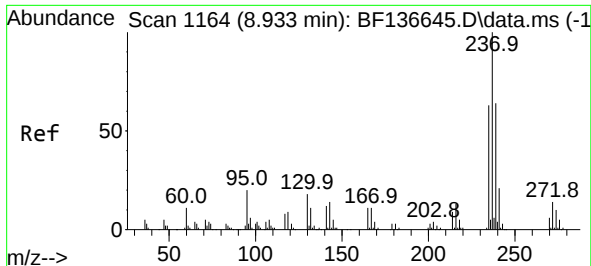
Tgt Ion:164 Resp: 69804  
Ion Ratio Lower Upper  
164 100  
162 99.3 81.6 122.4  
160 42.9 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 58.225 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

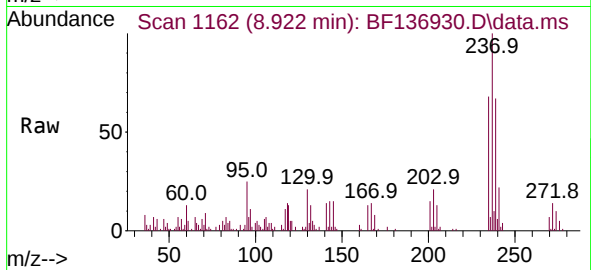
Tgt Ion:216 Resp: 125871  
Ion Ratio Lower Upper  
216 100  
214 78.3 62.3 93.5  
179 19.9 16.4 24.6  
108 16.6 14.0 21.0



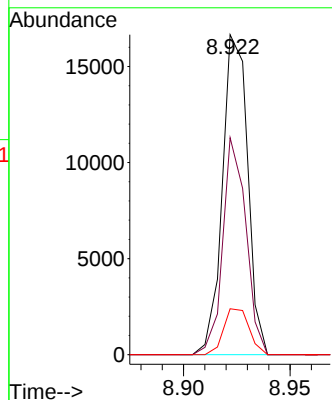
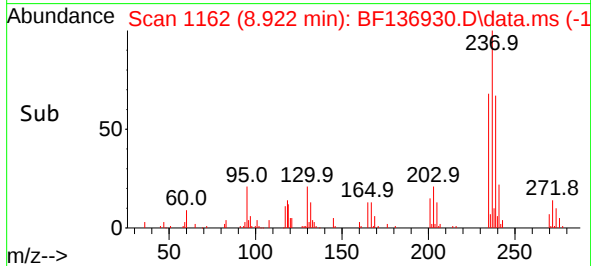


#41  
Hexachlorocyclopentadiene  
Concen: 23.640 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

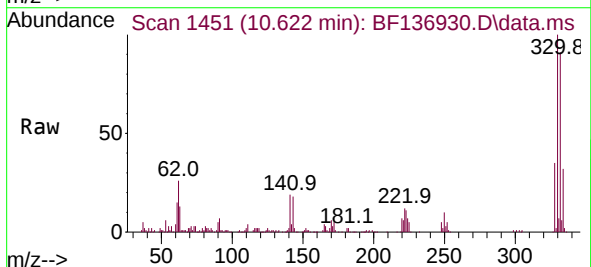
Instrument :  
BNA\_F  
ClientSampleId :



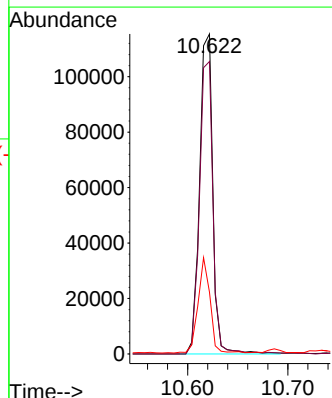
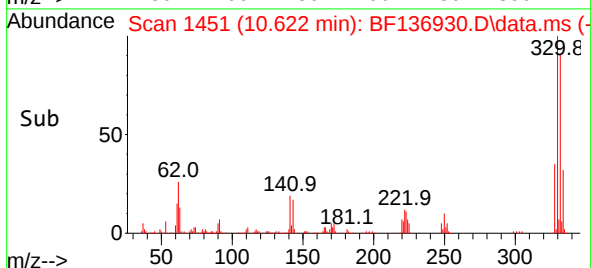
Tgt Ion:237 Resp: 13761  
Ion Ratio Lower Upper  
237 100  
235 67.8 43.2 83.2  
272 14.4 0.0 34.2

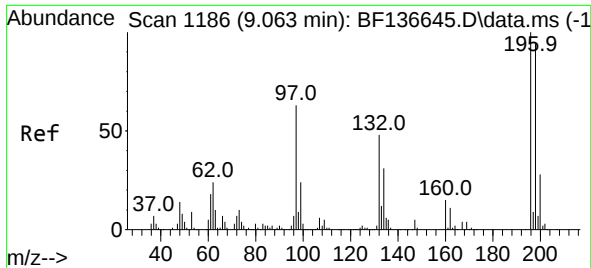


#42  
2,4,6-Tribromophenol  
Concen: 128.932 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09



Tgt Ion:330 Resp: 105995  
Ion Ratio Lower Upper  
330 100  
332 93.8 77.4 116.0  
141 26.9 23.4 35.2

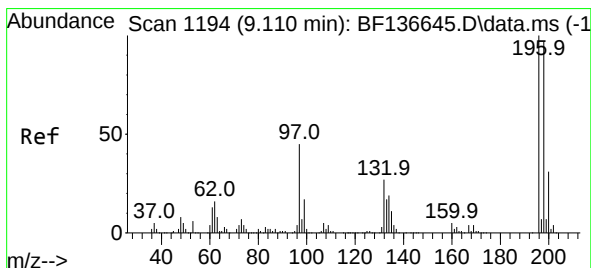
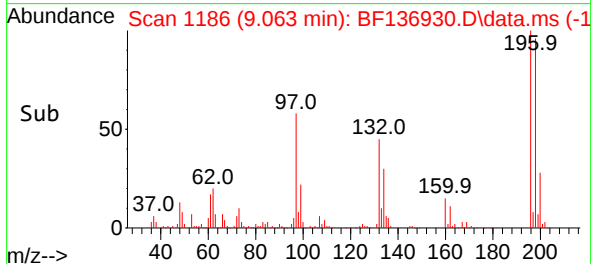
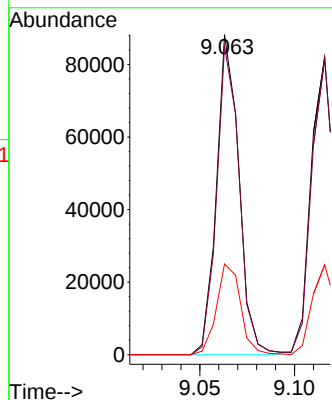
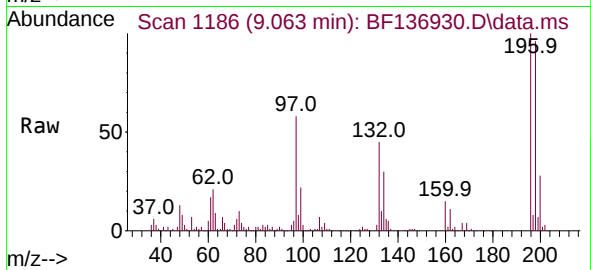




#43  
2,4,6-Trichlorophenol  
Concen: 52.486 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

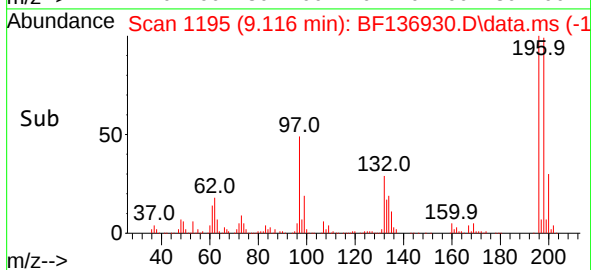
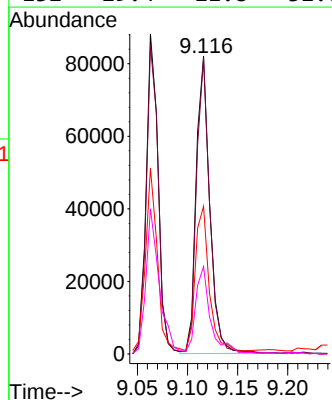
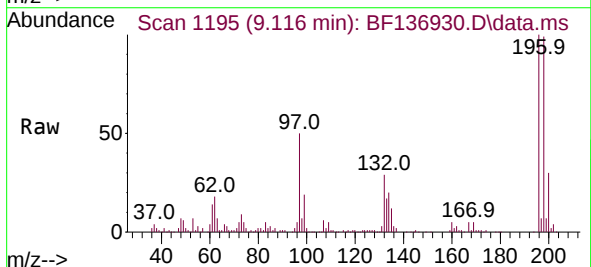
Instrument :  
BNA\_F  
ClientSampleId :

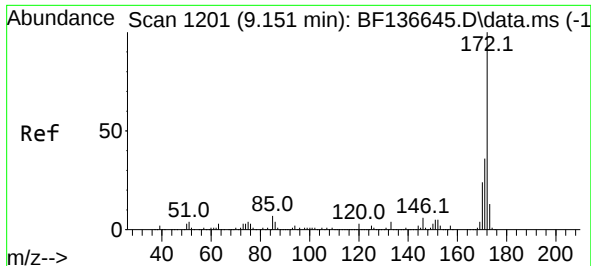
Tgt Ion:196 Resp: 72767  
Ion Ratio Lower Upper  
196 100  
198 96.4 75.1 112.7  
200 28.4 22.5 33.7



#44  
2,4,5-Trichlorophenol  
Concen: 50.263 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:196 Resp: 77654  
Ion Ratio Lower Upper  
196 100  
198 99.4 77.0 115.6  
97 49.6 36.1 54.1  
132 29.4 21.8 32.6

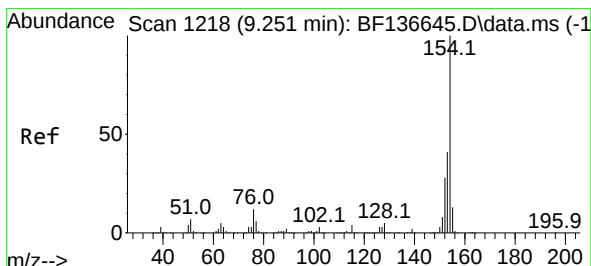
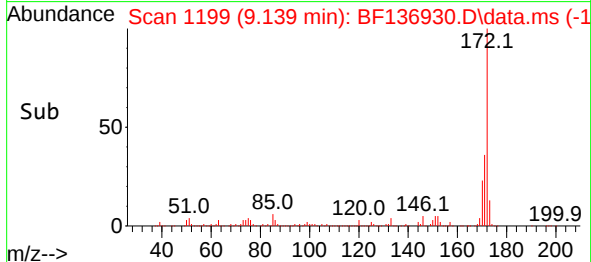
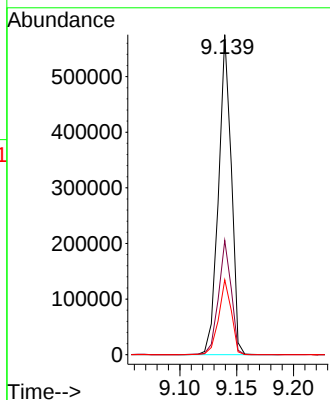
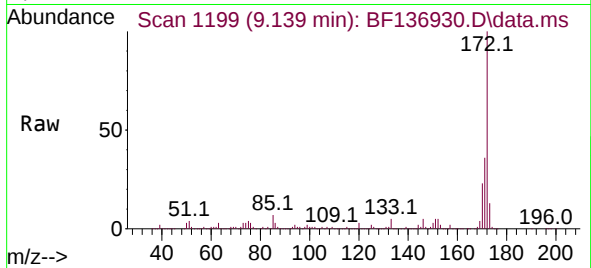




#45  
2-Fluorobiphenyl  
Concen: 86.637 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

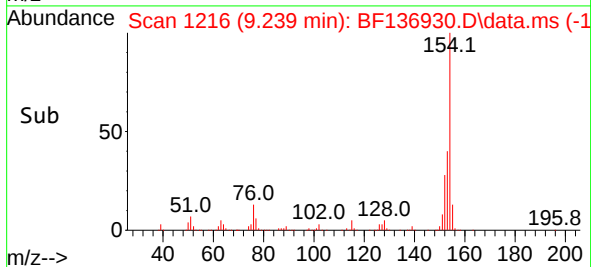
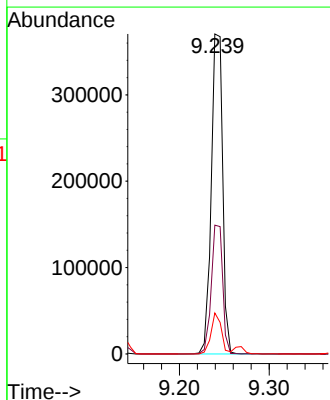
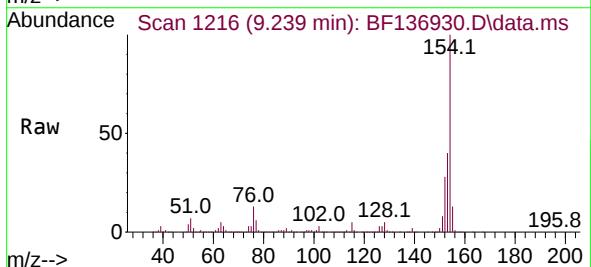
Instrument :  
BNA\_F  
ClientSampleId :

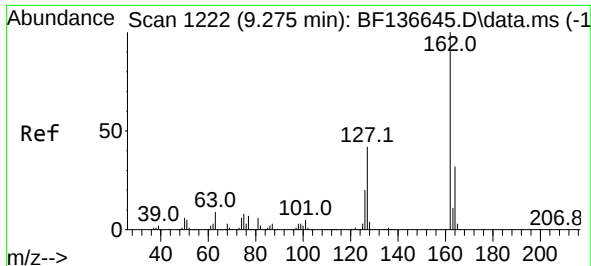
Tgt Ion:172 Resp: 449641  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.0 43.6  
170 23.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 55.688 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:154 Resp: 326201  
Ion Ratio Lower Upper  
154 100  
153 40.2 21.1 61.1  
76 12.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 52.188 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

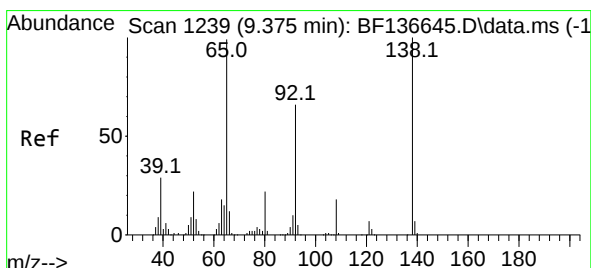
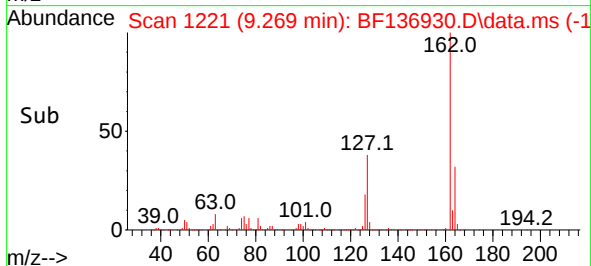
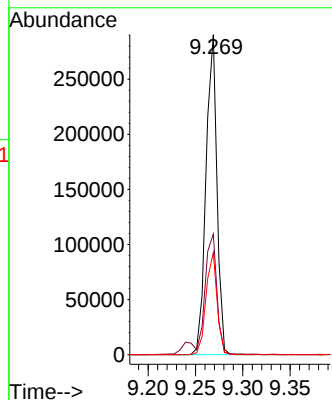
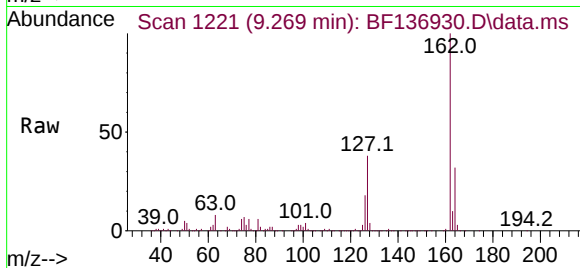
Tgt Ion:162 Resp: 232398

Ion Ratio Lower Upper

162 100

127 37.7 33.6 50.4

164 31.9 25.7 38.5



#48

2-Nitroaniline

Concen: 52.562 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

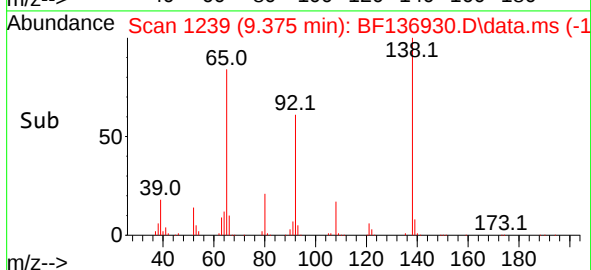
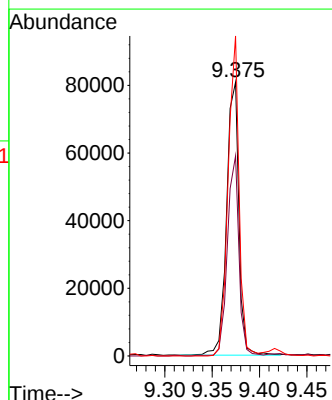
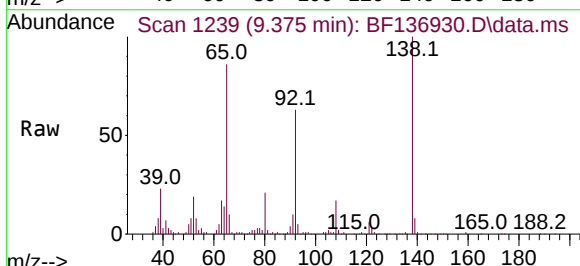
Tgt Ion: 65 Resp: 73296

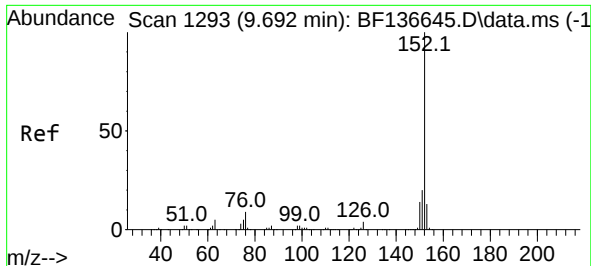
Ion Ratio Lower Upper

65 100

92 73.1 53.2 79.8

138 116.9 81.1 121.7

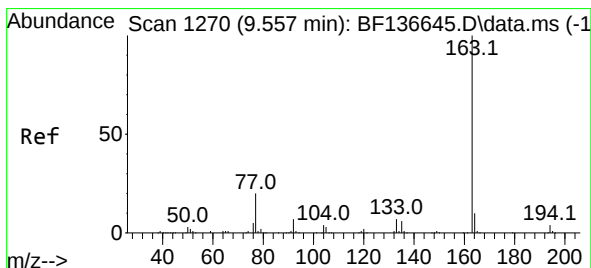
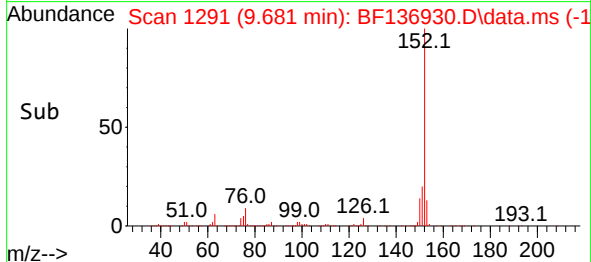
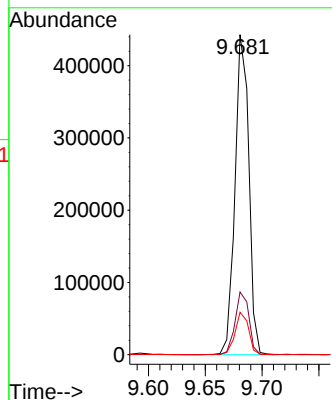
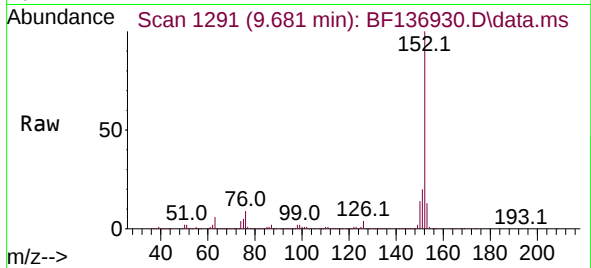




#49  
Acenaphthylene  
Concen: 54.962 ng  
RT: 9.681 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

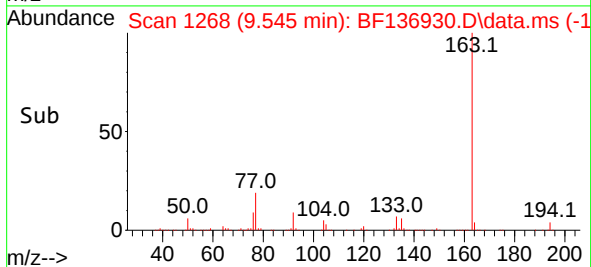
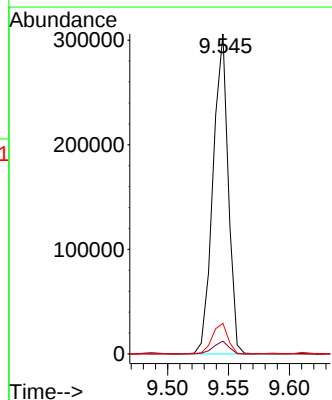
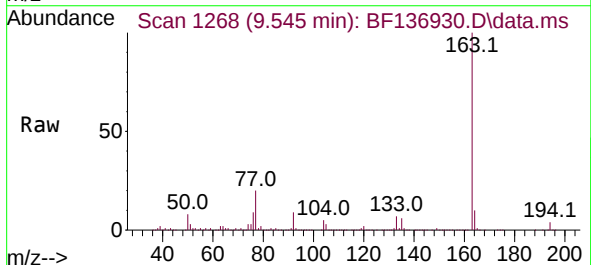
Instrument :  
BNA\_F  
ClientSampleId :

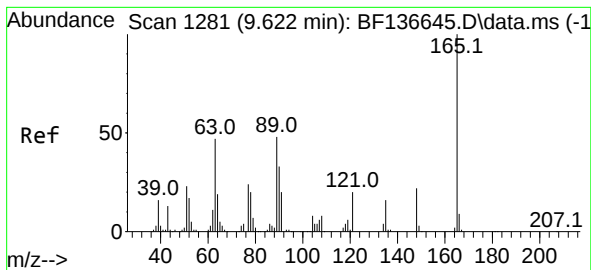
Tgt Ion:152 Resp: 374093  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.2 24.4  
153 13.3 10.2 15.2



#50  
Dimethylphthalate  
Concen: 52.371 ng  
RT: 9.545 min Scan# 1268  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:163 Resp: 267020  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 9.6 7.8 11.6

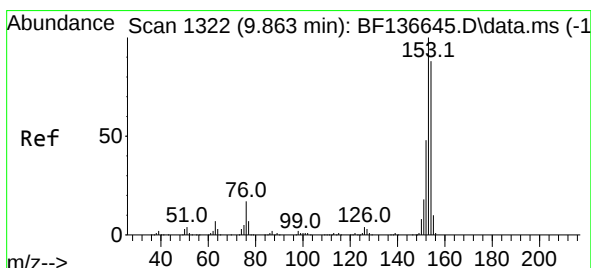
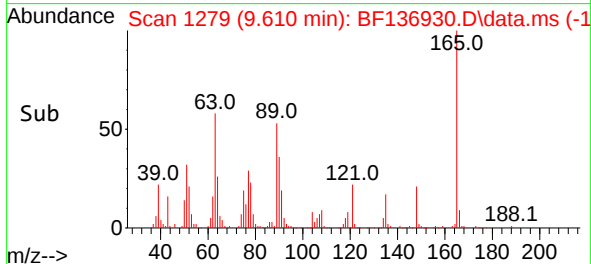
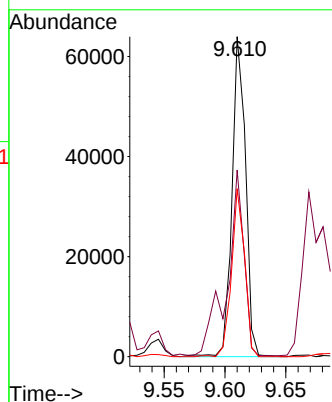
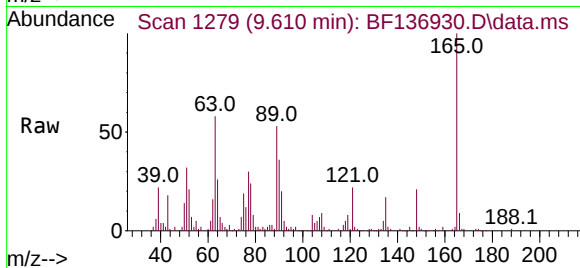




#51  
2,6-Dinitrotoluene  
Concen: 42.825 ng  
RT: 9.610 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

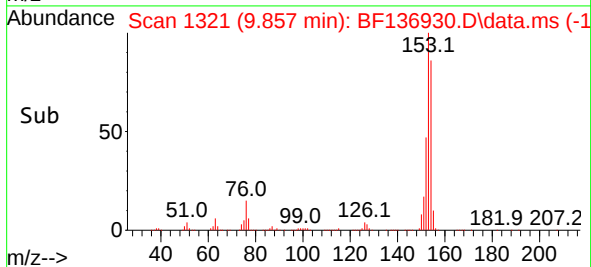
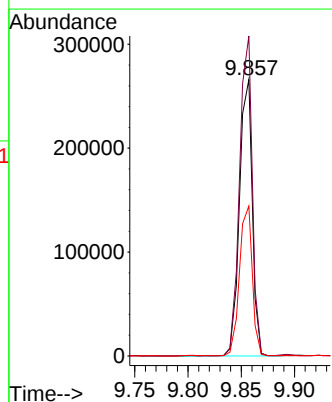
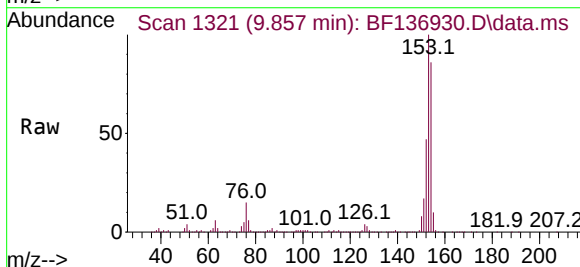
Instrument :  
BNA\_F  
ClientSampleId :

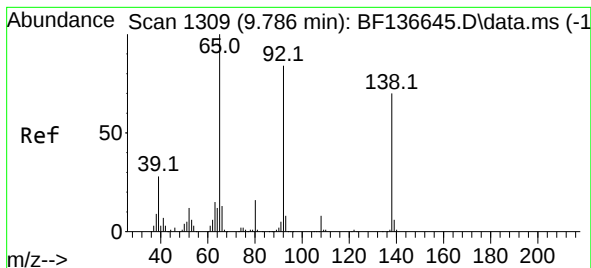
Tgt Ion:165 Resp: 49555  
Ion Ratio Lower Upper  
165 100  
63 58.3 39.8 59.6  
89 52.5 38.8 58.2



#52  
Acenaphthene  
Concen: 53.078 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

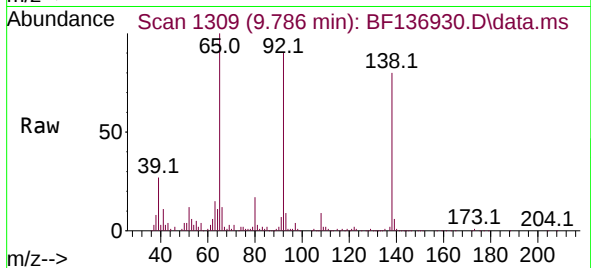
Tgt Ion:154 Resp: 223944  
Ion Ratio Lower Upper  
154 100  
153 115.8 90.7 136.1  
152 54.2 43.7 65.5



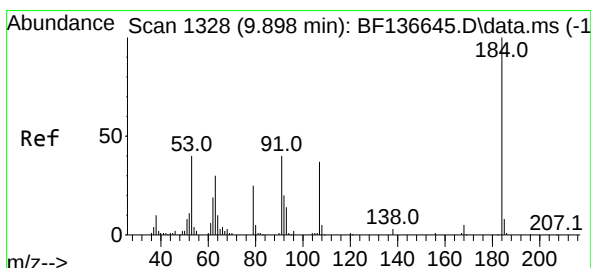
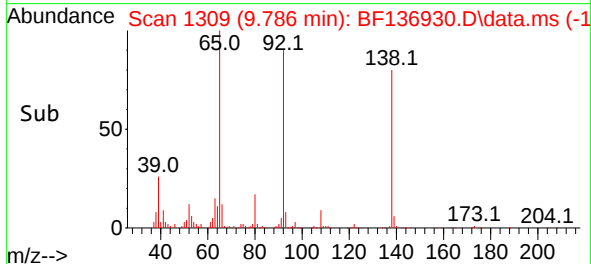
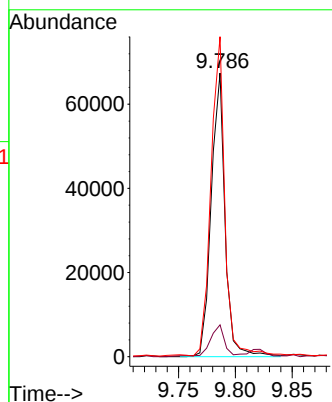


#53  
3-Nitroaniline  
Concen: 46.428 ng  
RT: 9.786 min Scan# 1309  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Instrument :  
BNA\_F  
ClientSampleId :

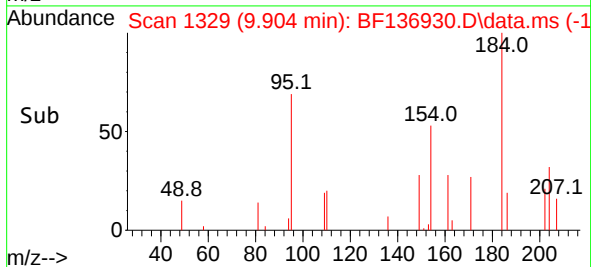
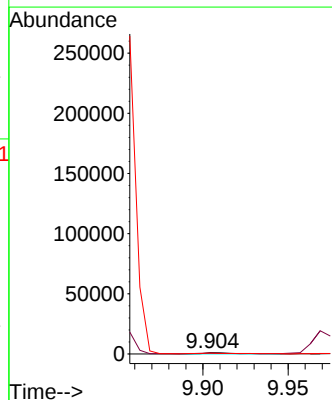
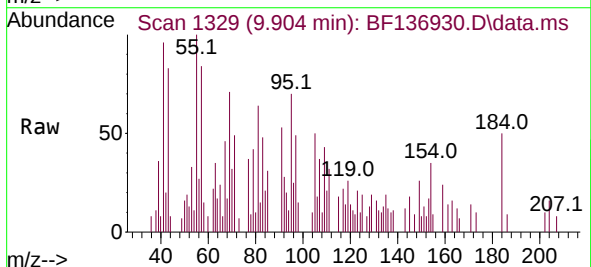


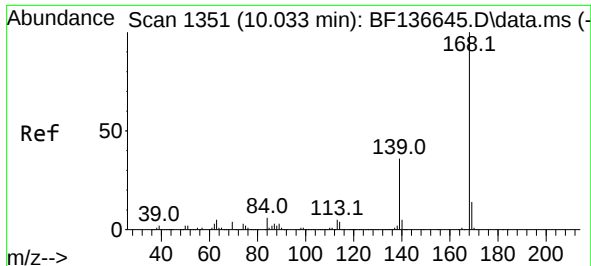
Tgt Ion:138 Resp: 56910  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.6 12.8  
92 112.8 95.2 142.8



#54  
2,4-Dinitrophenol  
Concen: 5.626 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

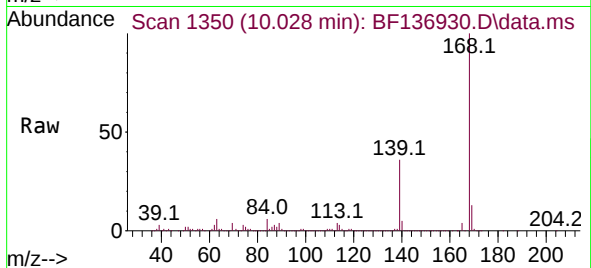
Tgt Ion:184 Resp: 1272  
Ion Ratio Lower Upper  
184 100  
63 70.5 40.9 61.3#  
154 70.0 42.7 64.1#



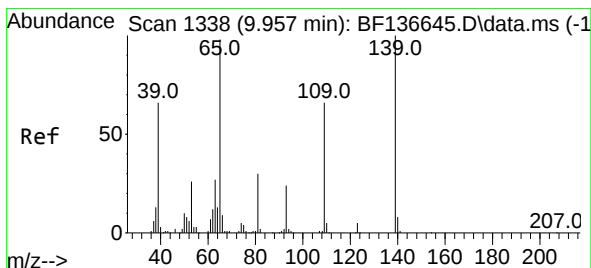
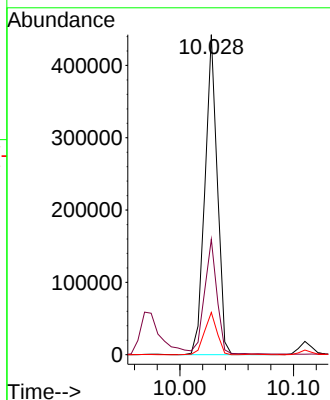
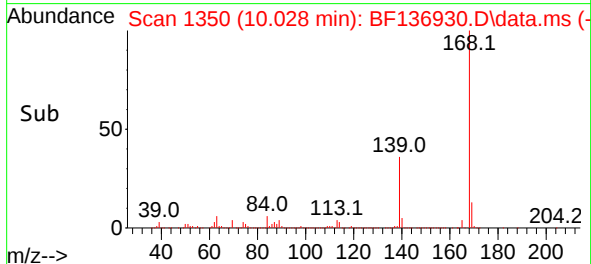


#55  
Dibenzenofuran  
Concen: 52.236 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Instrument :  
BNA\_F  
ClientSampleId :

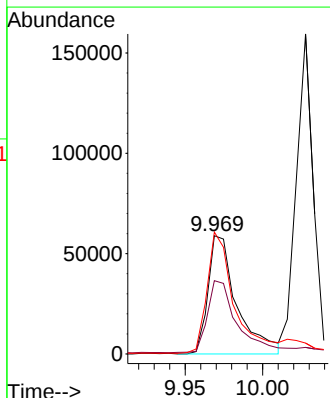
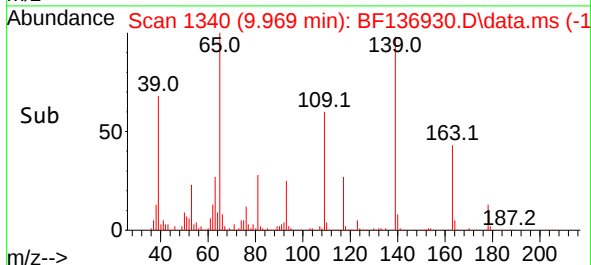
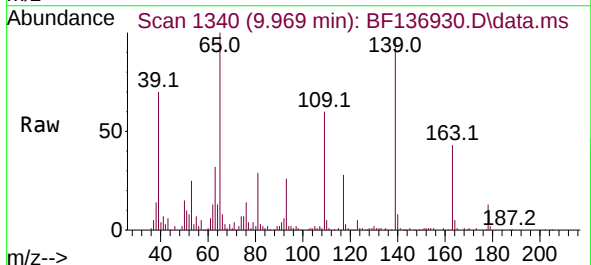


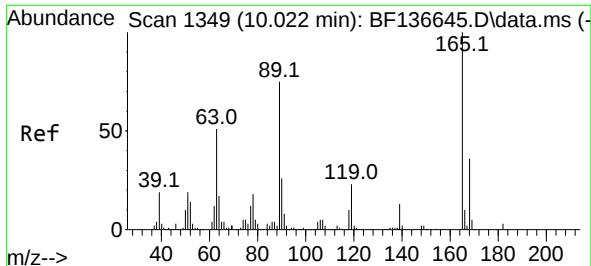
Tgt Ion:168 Resp: 334085  
Ion Ratio Lower Upper  
168 100  
139 36.0 29.3 43.9  
169 13.2 11.0 16.4



#56  
4-Nitrophenol  
Concen: 92.173 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:139 Resp: 76271  
Ion Ratio Lower Upper  
139 100  
109 62.0 45.8 85.8  
65 103.1 77.8 117.8

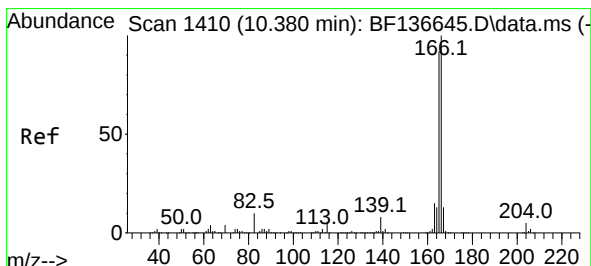
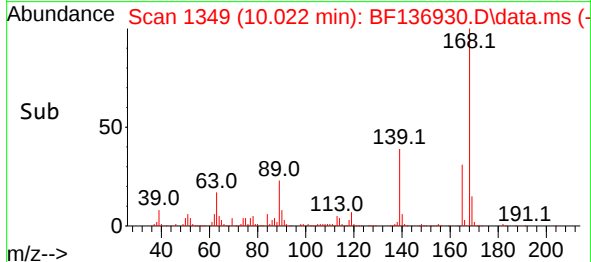
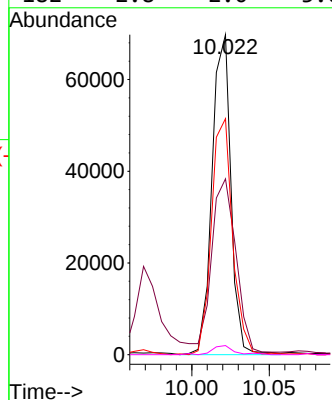
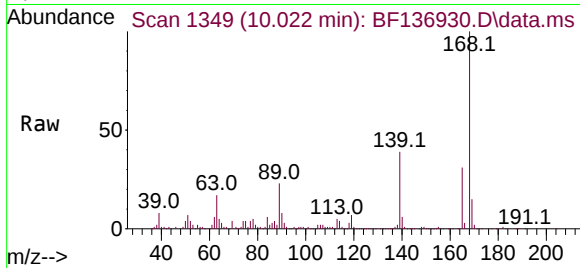




#57  
2,4-Dinitrotoluene  
Concen: 39.274 ng  
RT: 10.022 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

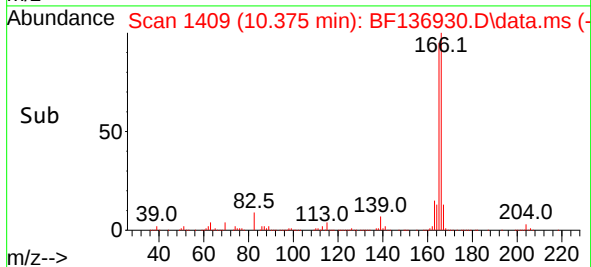
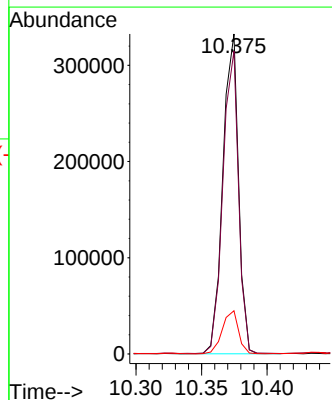
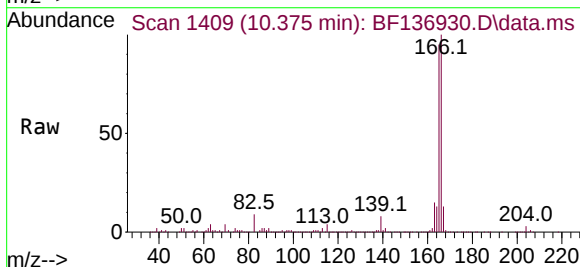
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:165 Resp: 58998  
Ion Ratio Lower Upper  
165 100  
63 54.9 41.0 61.6  
89 73.7 59.9 89.9  
182 2.8 2.0 3.0



#58  
Fluorene  
Concen: 54.187 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:166 Resp: 274985  
Ion Ratio Lower Upper  
166 100  
165 94.7 73.7 110.5  
167 13.5 10.4 15.6

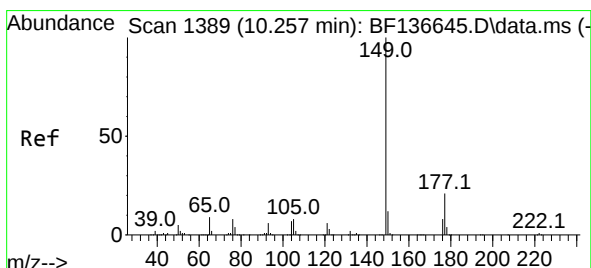
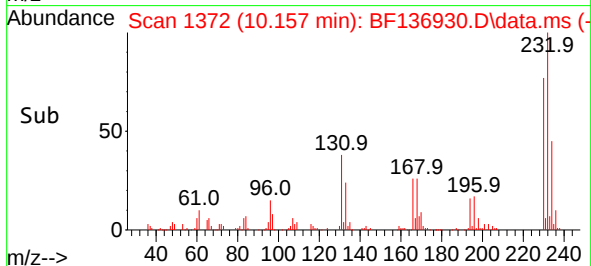
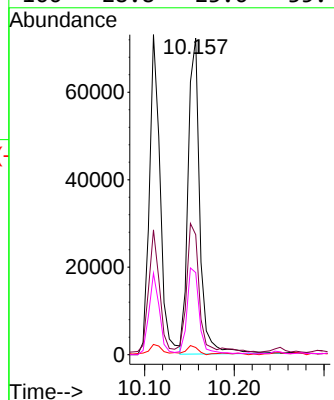
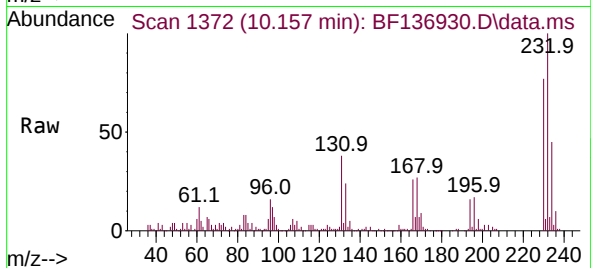




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.990 ng  
RT: 10.157 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

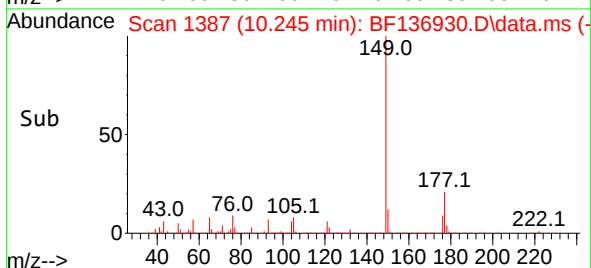
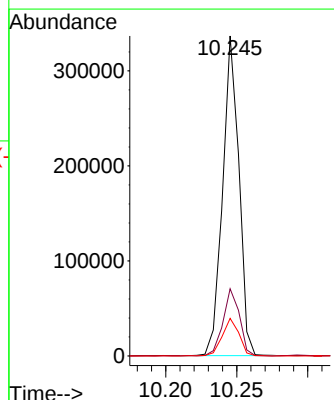
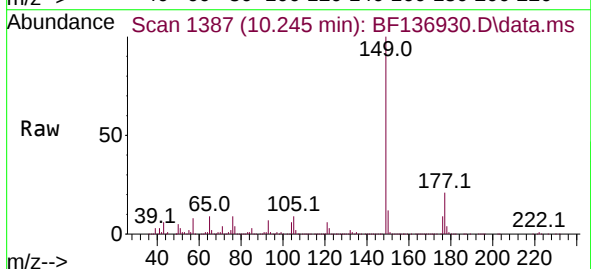
Instrument :  
BNA\_F  
ClientSampleId :

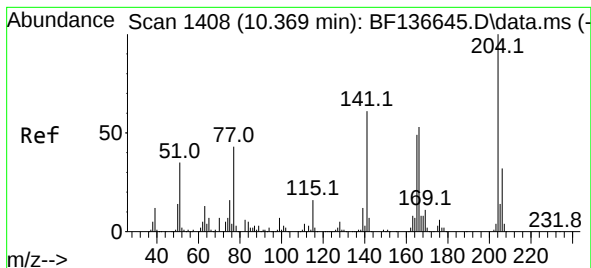
Tgt Ion:232 Resp: 65398  
Ion Ratio Lower Upper  
232 100  
131 40.6 35.1 52.7  
130 2.7 1.6 2.4#  
166 28.8 23.6 35.4



#60  
Diethylphthalate  
Concen: 50.509 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. -0.012 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:149 Resp: 267202  
Ion Ratio Lower Upper  
149 100  
177 21.0 16.9 25.3  
150 11.7 9.3 13.9

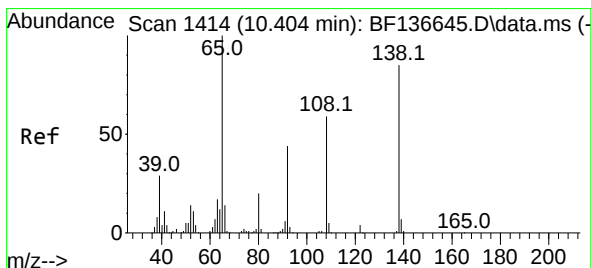
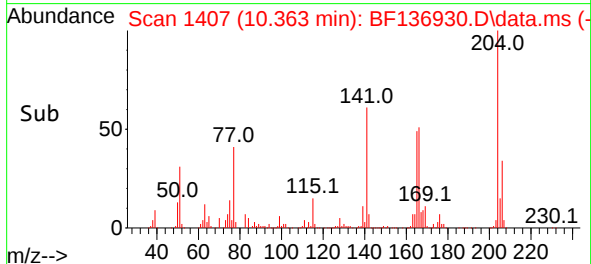
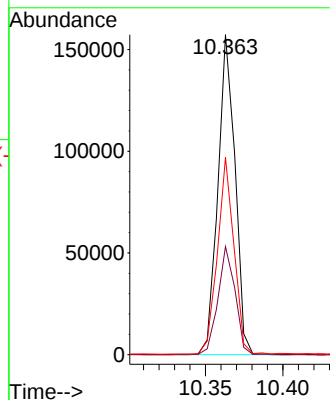
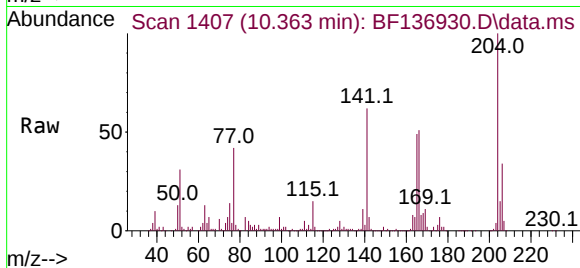




#61  
4-Chlorophenyl-phenylether  
Concen: 48.871 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

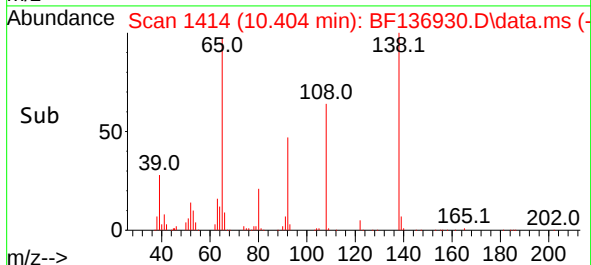
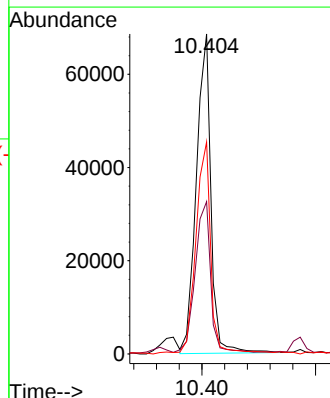
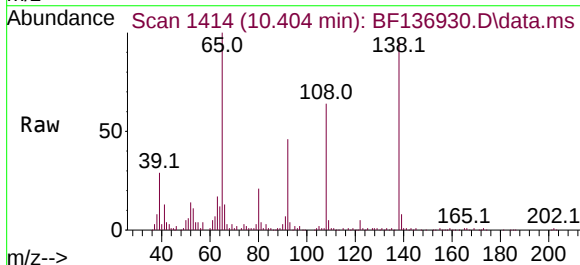
Instrument :  
BNA\_F  
ClientSampleId :

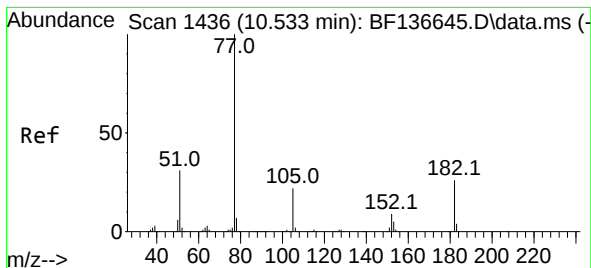
Tgt Ion:204 Resp: 120548  
Ion Ratio Lower Upper  
204 100  
206 33.8 25.6 38.4  
141 61.7 48.4 72.6



#62  
4-Nitroaniline  
Concen: 51.841 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:138 Resp: 61259  
Ion Ratio Lower Upper  
138 100  
92 47.6 32.1 72.1  
108 66.3 50.1 90.1





#63

Azobenzene

Concen: 47.417 ng

RT: 10.528 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 77 Resp: 234290

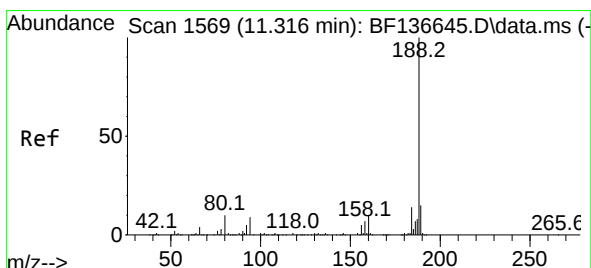
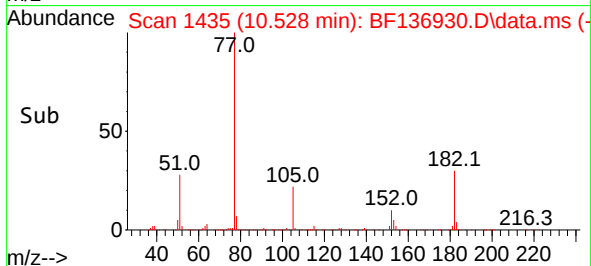
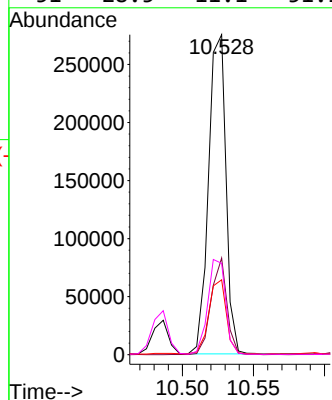
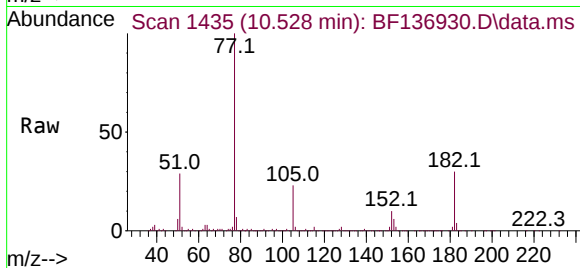
Ion Ratio Lower Upper

77 100

182 30.2 6.0 46.0

105 23.4 2.3 42.3

51 28.5 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

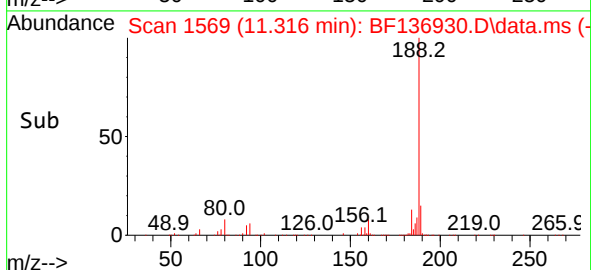
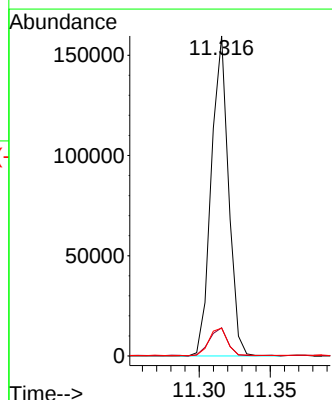
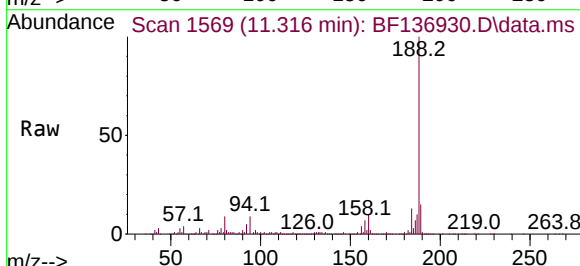
Tgt Ion:188 Resp: 134660

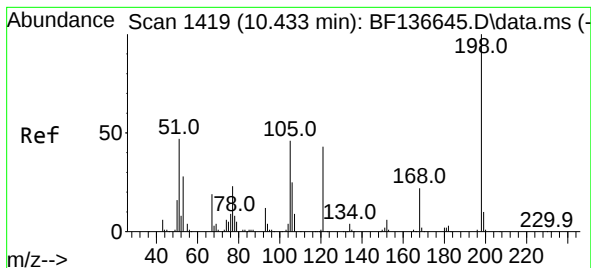
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 8.7 8.1 12.1

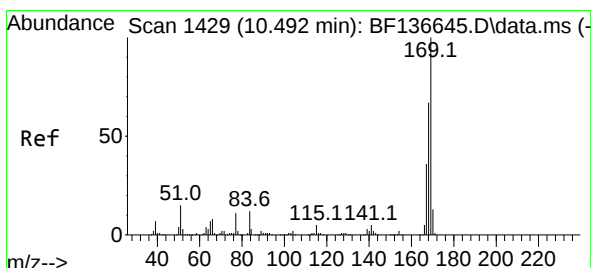
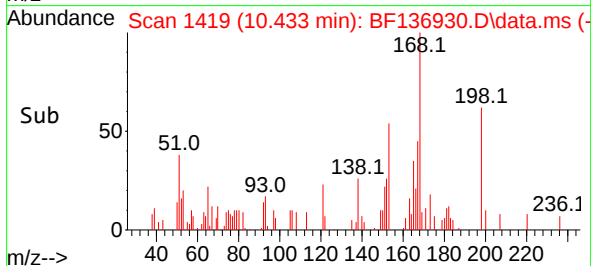
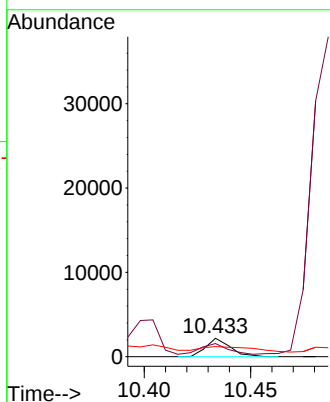
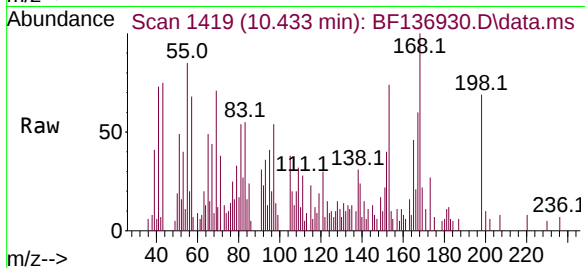




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.226 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

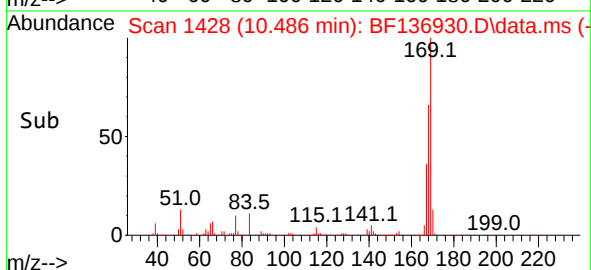
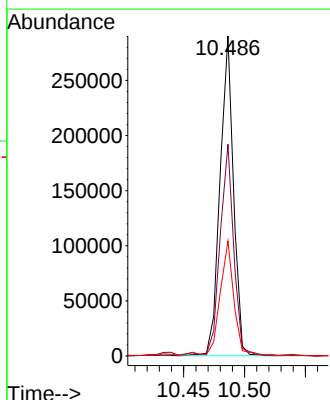
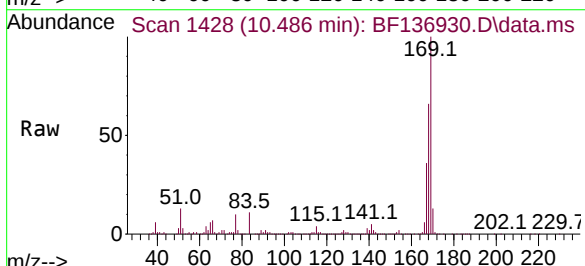
Instrument :  
BNA\_F  
ClientSampleId :

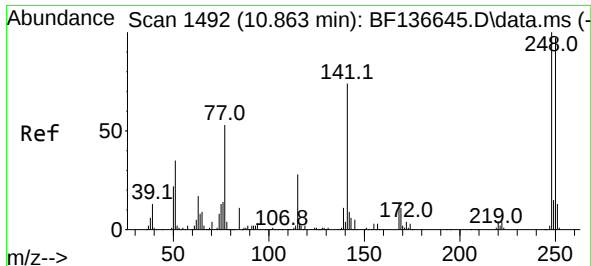
Tgt Ion:198 Resp: 1718  
Ion Ratio Lower Upper  
198 100  
51 71.3 34.1 74.1  
105 55.1 27.3 67.3



#66  
n-Nitrosodiphenylamine  
Concen: 51.190 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:169 Resp: 223925  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.8 80.6  
167 36.0 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 49.533 ng

RT: 10.857 min Scan# 1492

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

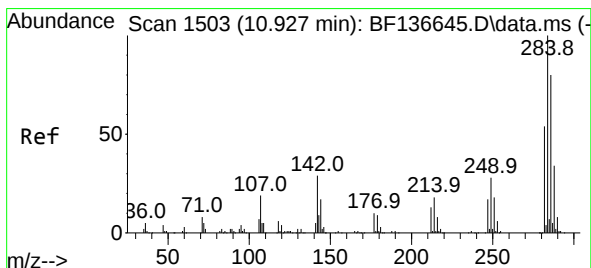
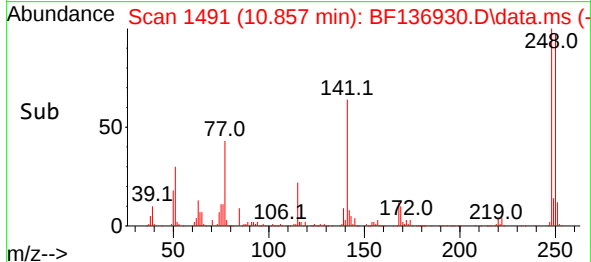
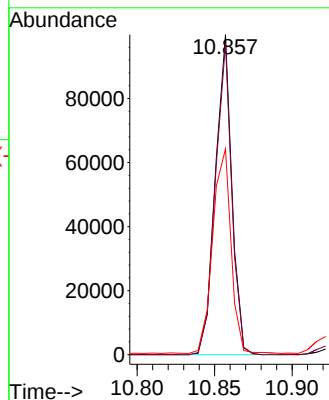
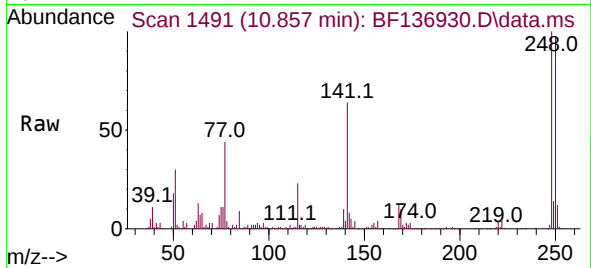
Tgt Ion:248 Resp: 74076

Ion Ratio Lower Upper

248 100

250 97.2 77.8 116.6

141 64.3 59.2 88.8



#68

Hexachlorobenzene

Concen: 49.931 ng

RT: 10.922 min Scan# 1502

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

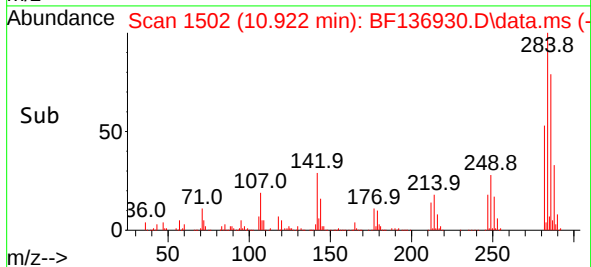
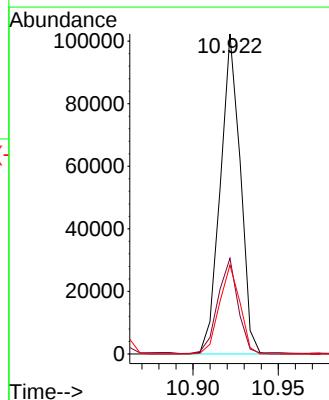
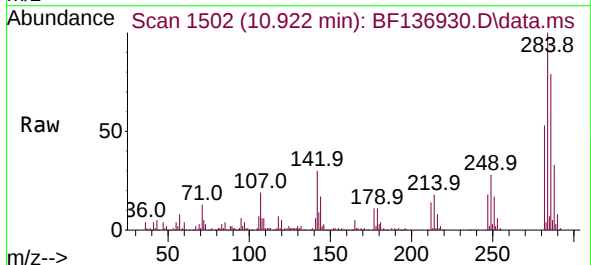
Tgt Ion:284 Resp: 83215

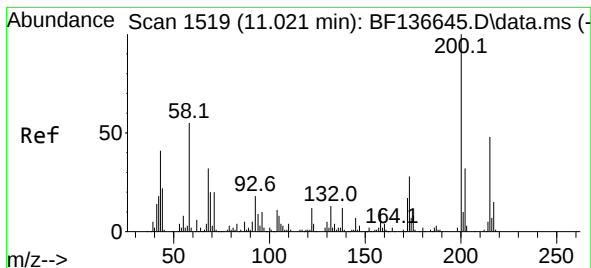
Ion Ratio Lower Upper

284 100

142 29.9 23.4 35.0

249 27.8 22.3 33.5





#69

Atrazine

Concen: 63.324 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

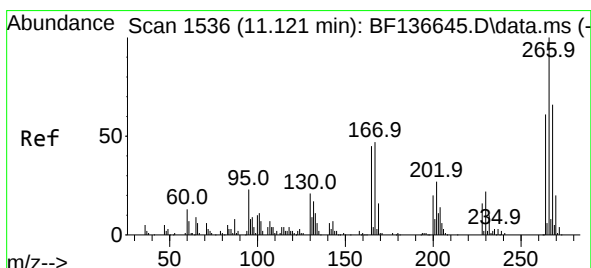
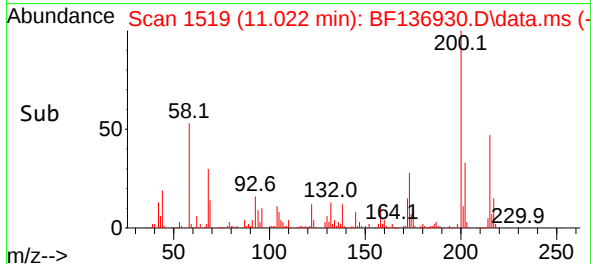
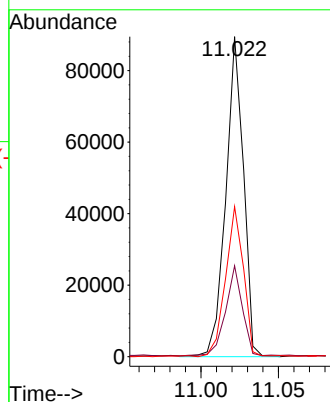
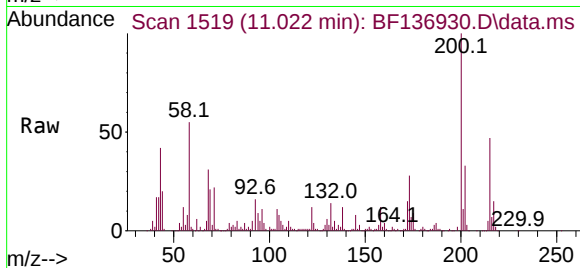
Tgt Ion:200 Resp: 70849

Ion Ratio Lower Upper

200 100

173 28.4 7.6 47.6

215 46.9 28.3 68.3



#70

Pentachlorophenol

Concen: 98.622 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

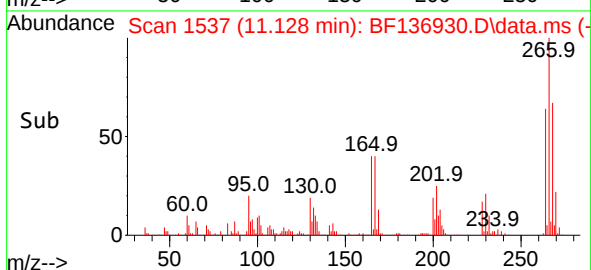
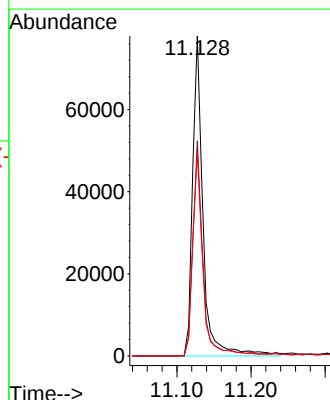
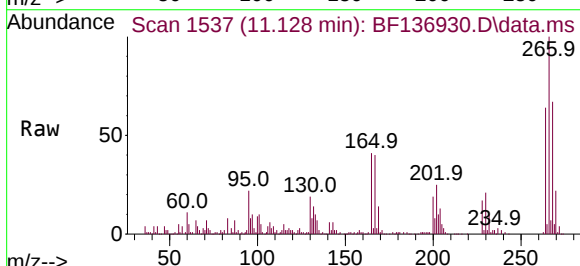
Tgt Ion:266 Resp: 76612

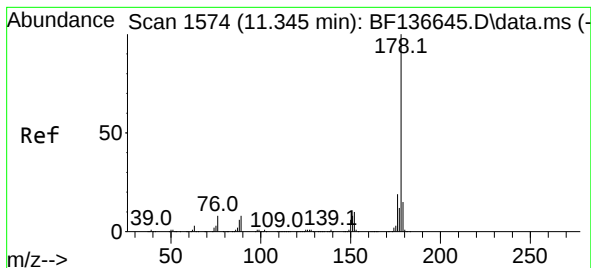
Ion Ratio Lower Upper

266 100

268 67.2 52.6 78.8

264 63.6 49.0 73.4





#71

Phenanthrene

Concen: 74.848 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

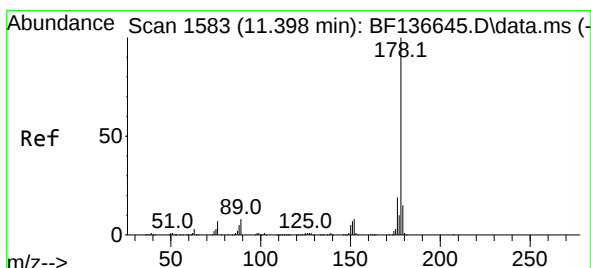
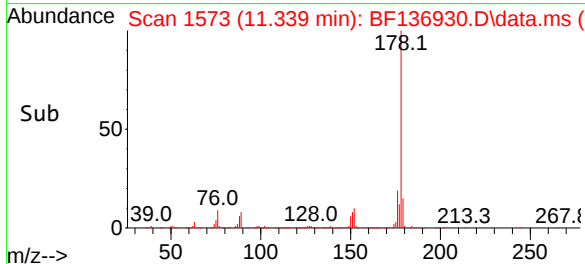
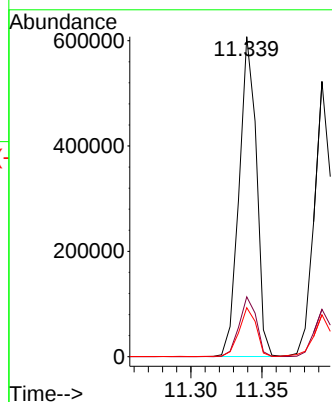
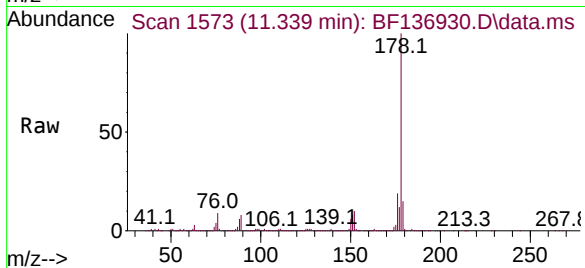
Tgt Ion:178 Resp: 517164

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.3 11.9 17.9



#72

Anthracene

Concen: 61.608 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

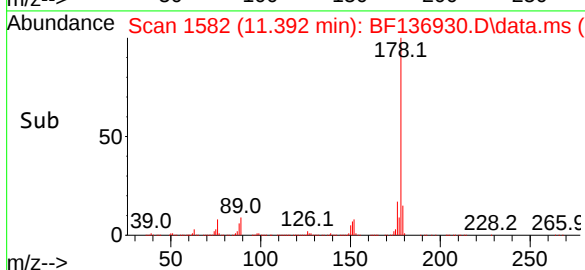
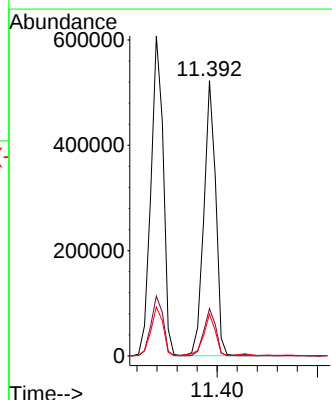
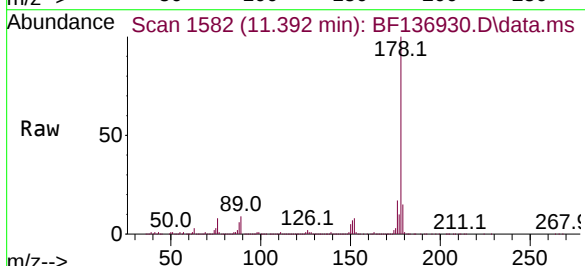
Tgt Ion:178 Resp: 431103

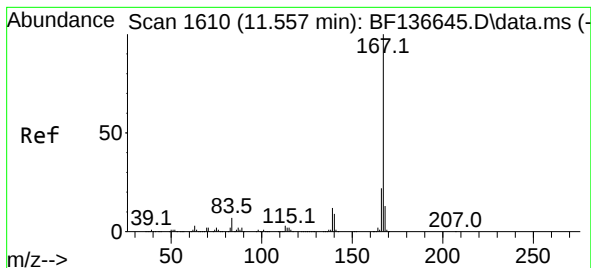
Ion Ratio Lower Upper

178 100

176 17.2 14.9 22.3

179 15.2 11.8 17.6





#73

Carbazole

Concen: 57.788 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

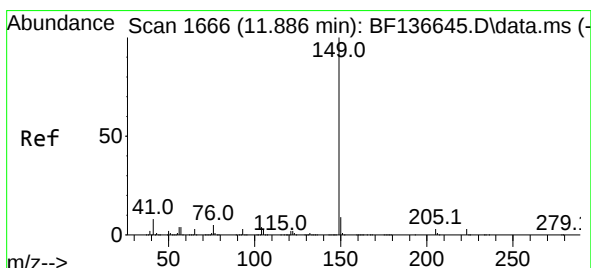
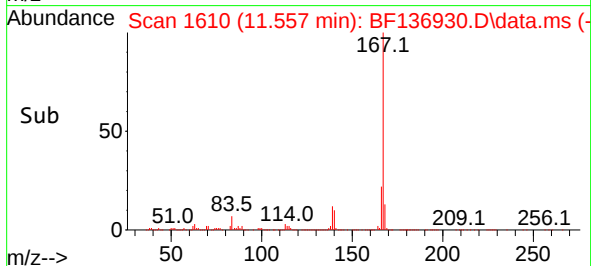
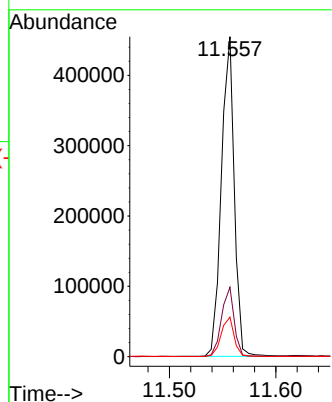
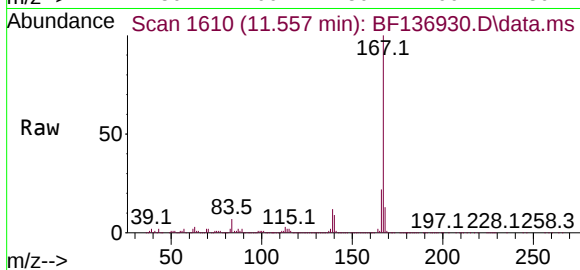
Tgt Ion:167 Resp: 381246

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.4 9.8 14.6



#74

Di-n-butylphthalate

Concen: 56.562 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

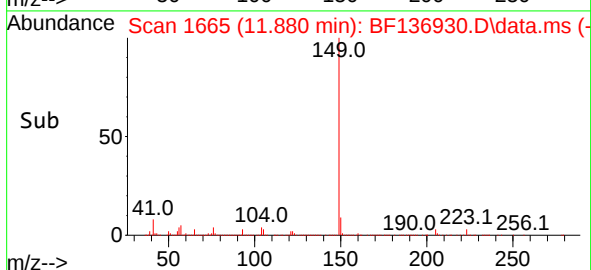
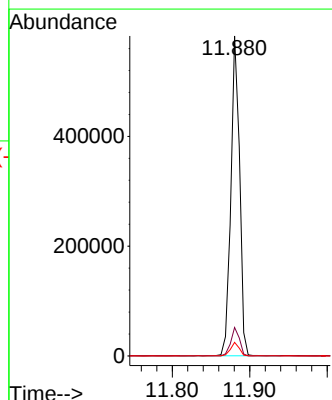
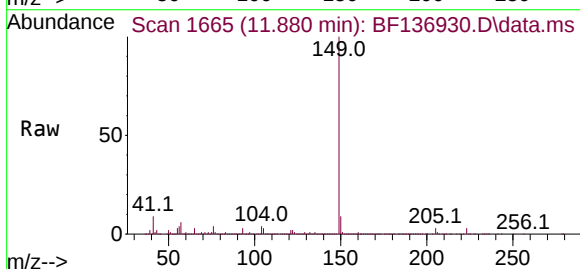
Tgt Ion:149 Resp: 455346

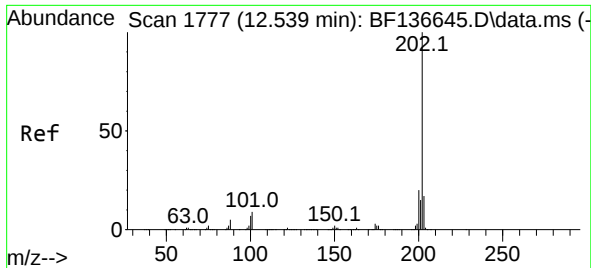
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.2 3.6 5.4

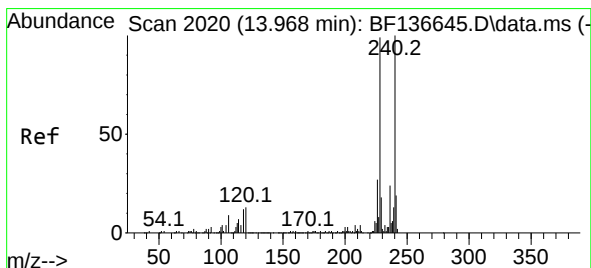
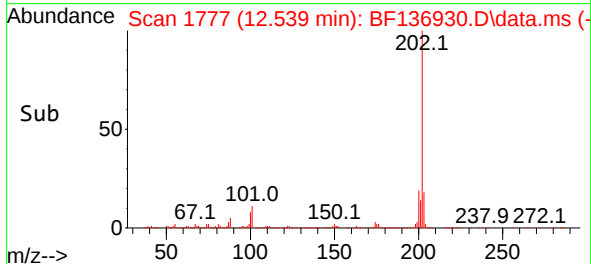
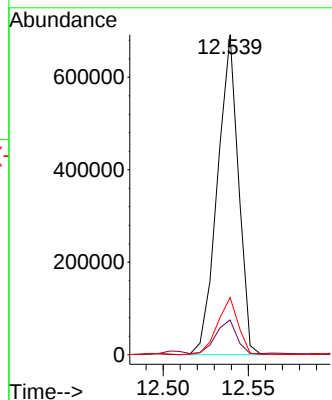
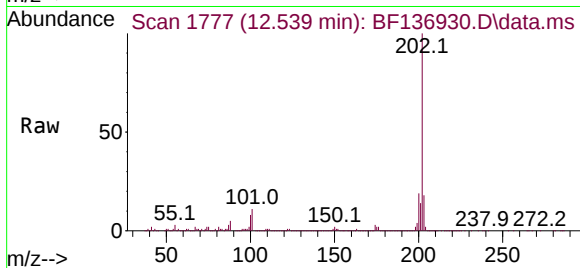




#75  
Fluoranthene  
Concen: 80.297 ng  
RT: 12.539 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

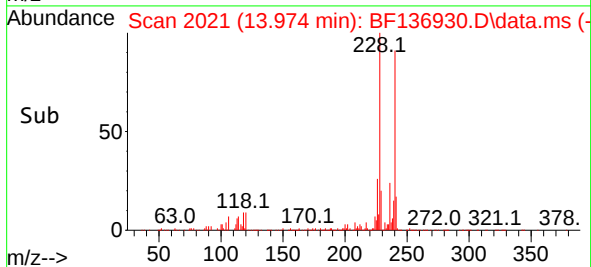
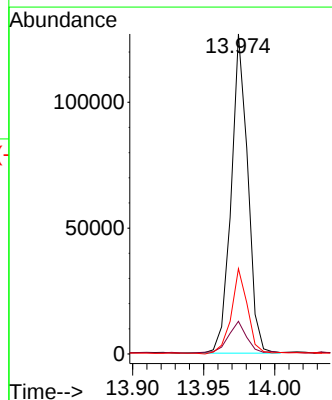
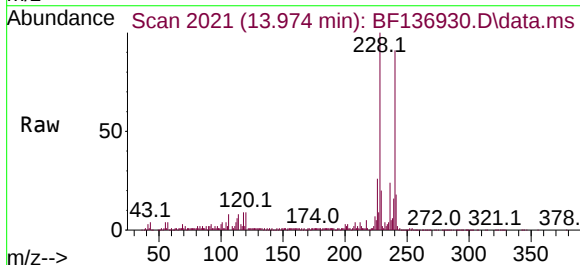
Instrument :  
BNA\_F  
ClientSampleId :

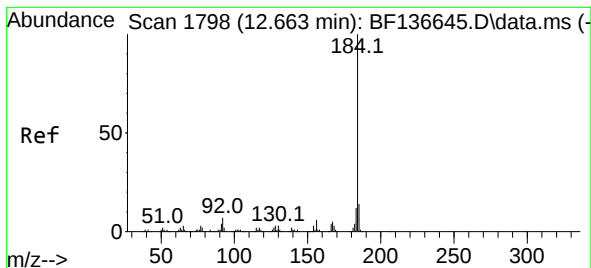
Tgt Ion:202 Resp: 593457  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 29.3  
203 17.9 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.006 min  
Lab File: BF136930.D  
Acq: 04 Jan 2024 03:09

Tgt Ion:240 Resp: 103223  
Ion Ratio Lower Upper  
240 100  
120 10.2 10.3 15.5#  
236 26.6 19.4 29.2





#77

Benzidine

Concen: 30.937 ng

RT: 12.669 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

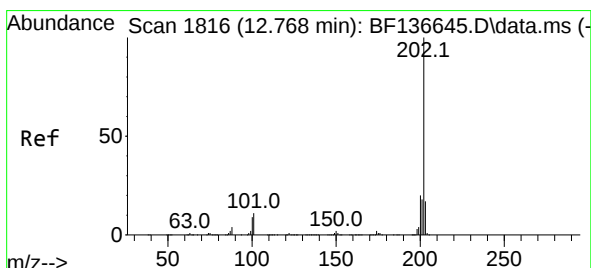
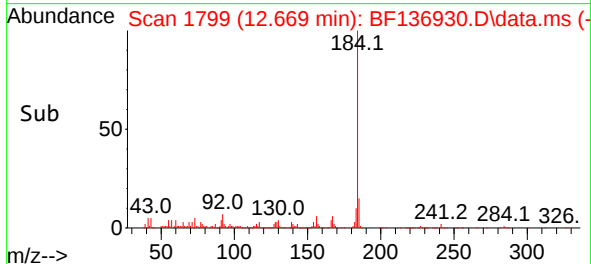
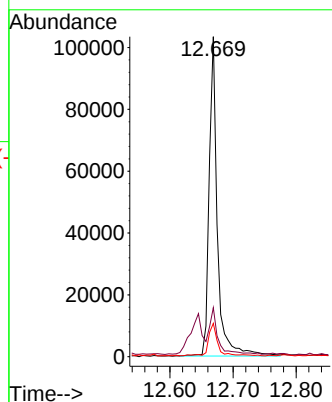
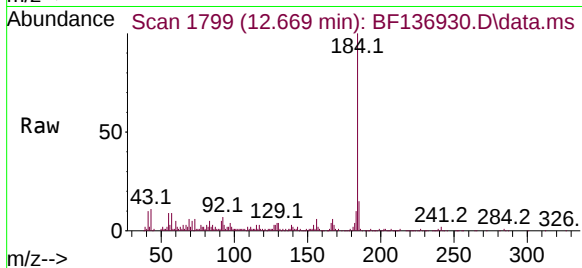
Tgt Ion:184 Resp: 94160

Ion Ratio Lower Upper

184 100

185 15.3 11.2 16.8

183 10.4 9.3 13.9



#78

Pyrene

Concen: 57.720 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

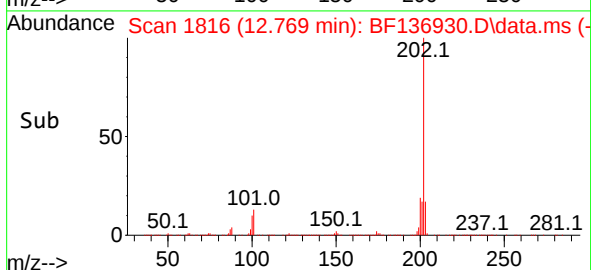
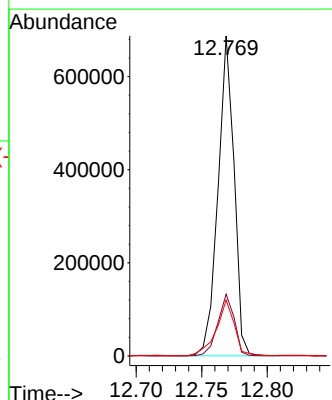
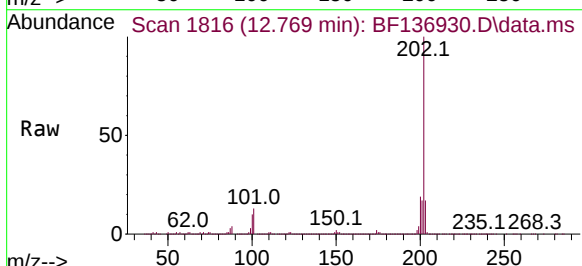
Tgt Ion:202 Resp: 584880

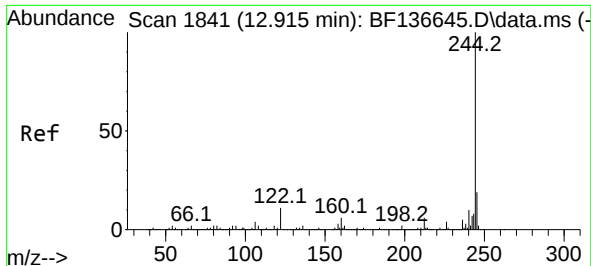
Ion Ratio Lower Upper

202 100

200 19.3 15.9 23.9

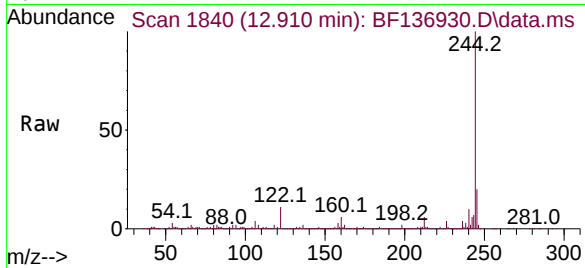
203 17.5 13.8 20.6



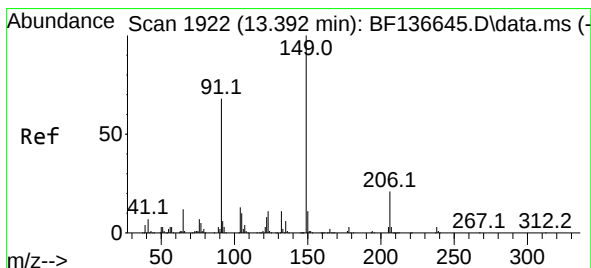
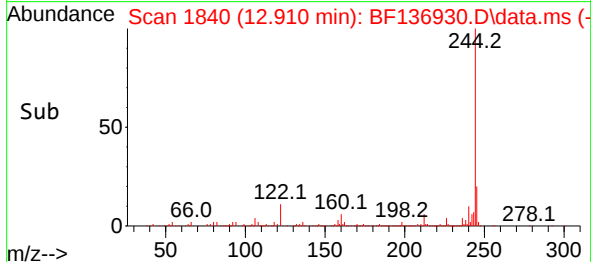
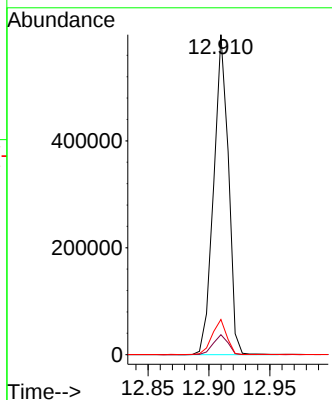


#79  
 Terphenyl-d14  
 Concen: 68.150 ng  
 RT: 12.910 min Scan# 1841  
 Delta R.T. -0.006 min  
 Lab File: BF136930.D  
 Acq: 04 Jan 2024 03:09

Instrument :  
 BNA\_F  
 ClientSampleId :

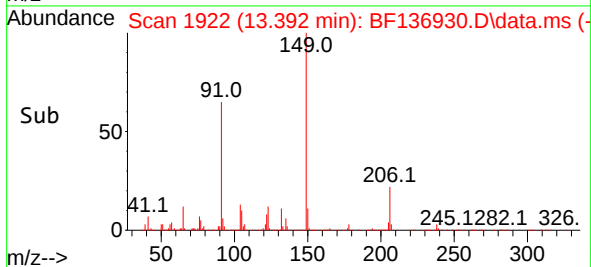
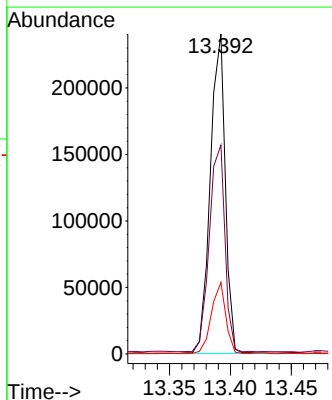
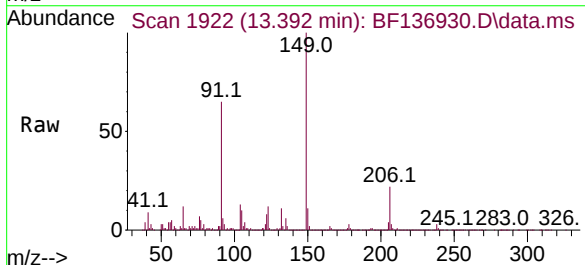


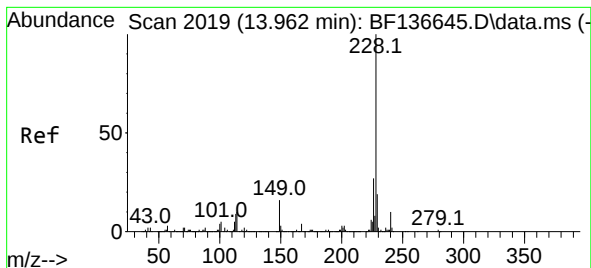
Tgt Ion:244 Resp: 503388  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.0 7.4  
 122 11.0 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 55.672 ng  
 RT: 13.392 min Scan# 1922  
 Delta R.T. 0.000 min  
 Lab File: BF136930.D  
 Acq: 04 Jan 2024 03:09

Tgt Ion:149 Resp: 205271  
 Ion Ratio Lower Upper  
 149 100  
 91 65.3 54.1 81.1  
 206 22.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 61.209 ng

RT: 13.969 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

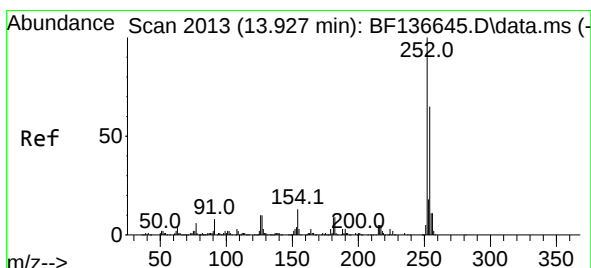
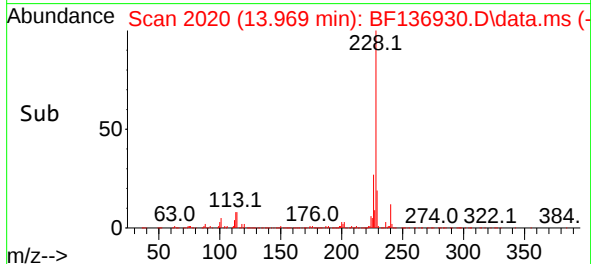
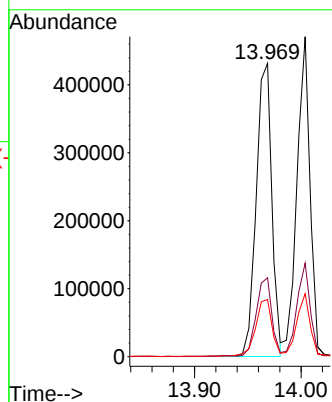
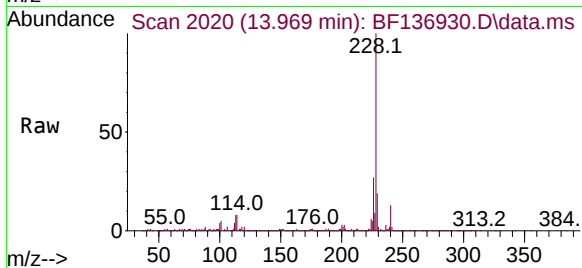
Tgt Ion:228 Resp: 438730

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

229 19.5 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 38.073 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

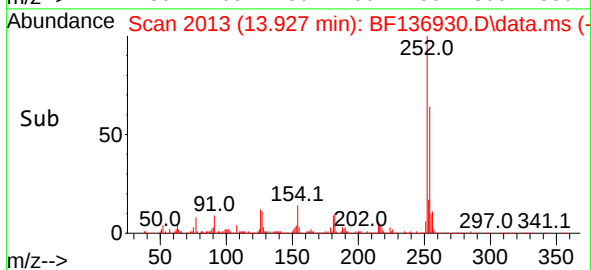
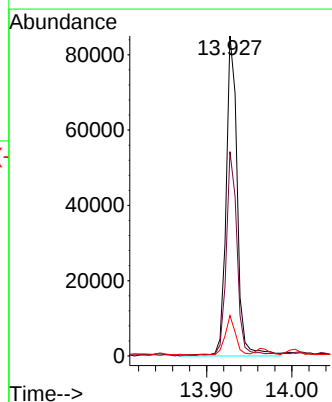
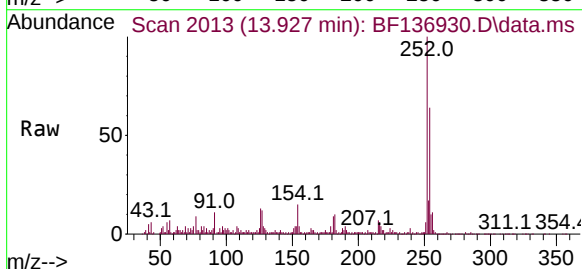
Tgt Ion:252 Resp: 77501

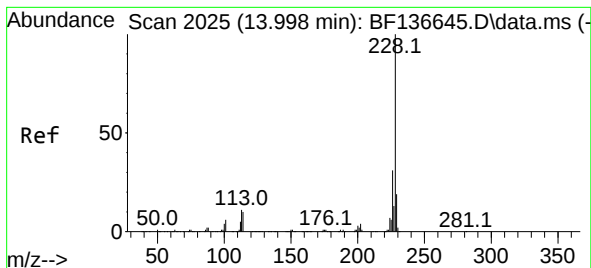
Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.4

126 12.7 8.0 12.0#





#83

Chrysene

Concen: 57.394 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

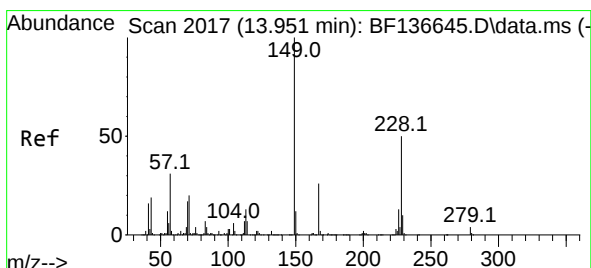
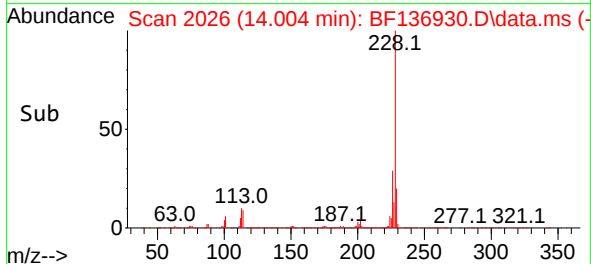
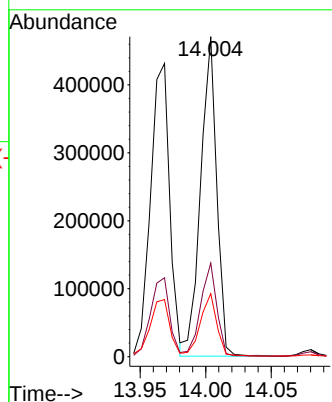
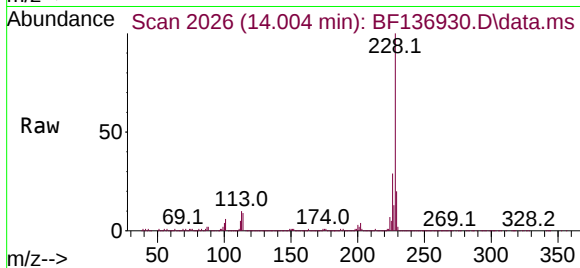
Tgt Ion:228 Resp: 402288

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.280 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

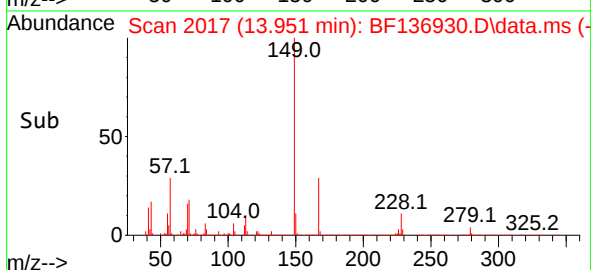
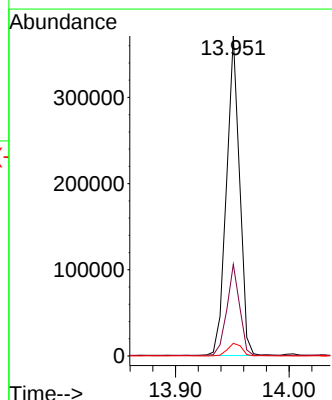
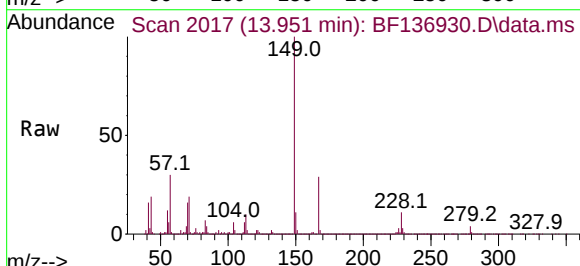
Tgt Ion:149 Resp: 298200

Ion Ratio Lower Upper

149 100

167 28.7 20.9 31.3

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 68.705 ng

RT: 14.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

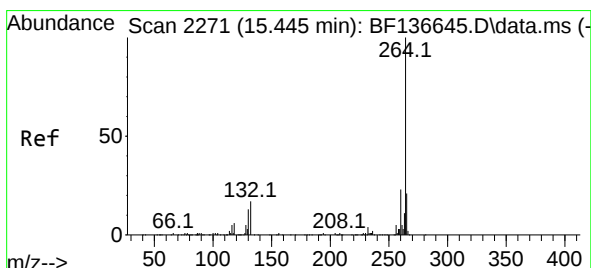
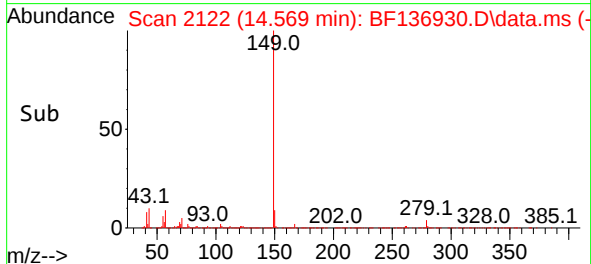
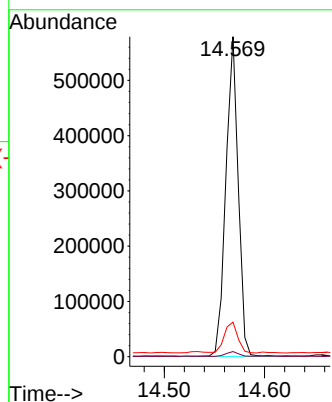
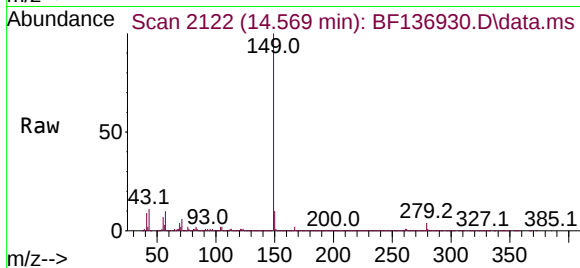
Tgt Ion:149 Resp: 493030

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

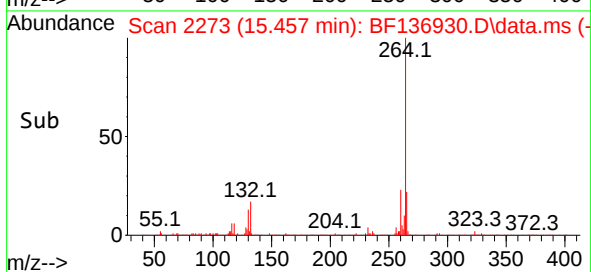
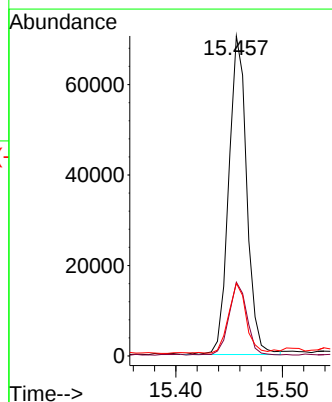
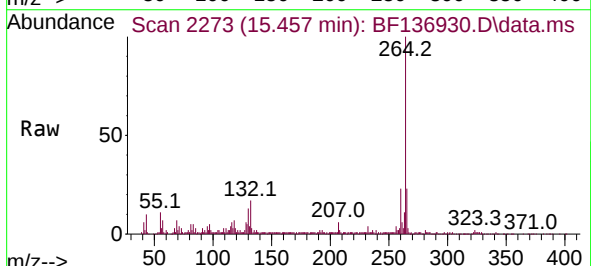
Tgt Ion:264 Resp: 82690

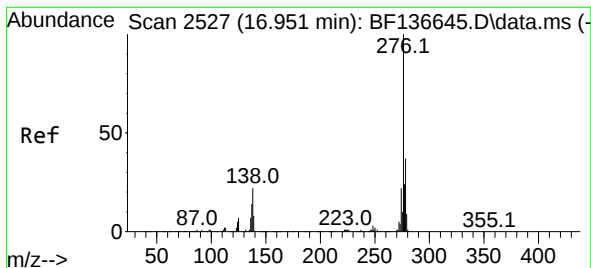
Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 22.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.436 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

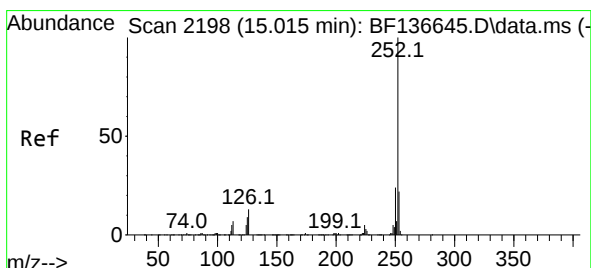
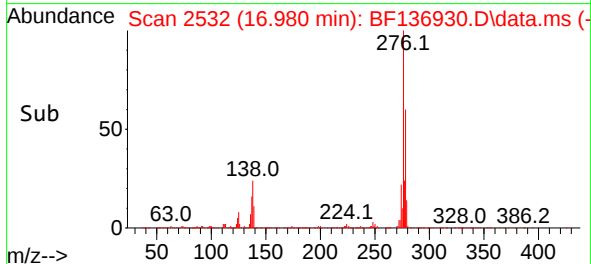
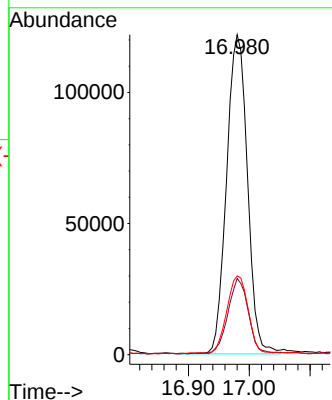
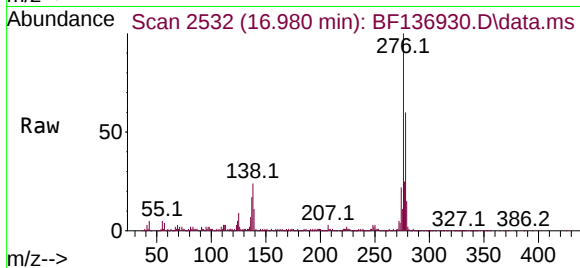
Tgt Ion:276 Resp: 289176

Ion Ratio Lower Upper

276 100

138 23.0 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 61.079 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

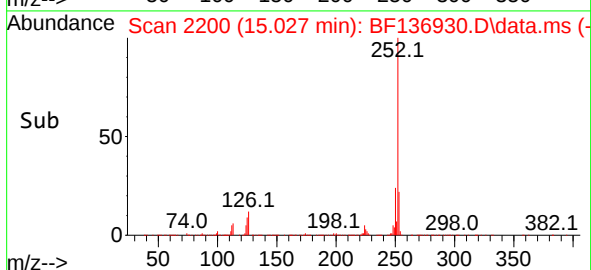
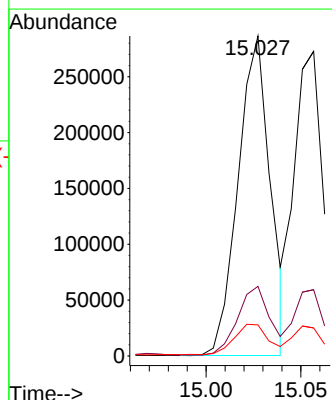
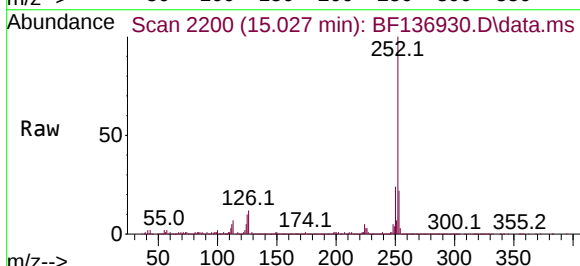
Tgt Ion:252 Resp: 337338

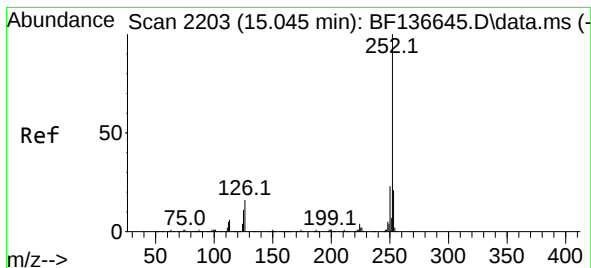
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 55.346 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

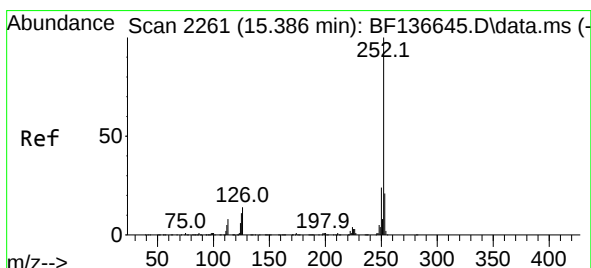
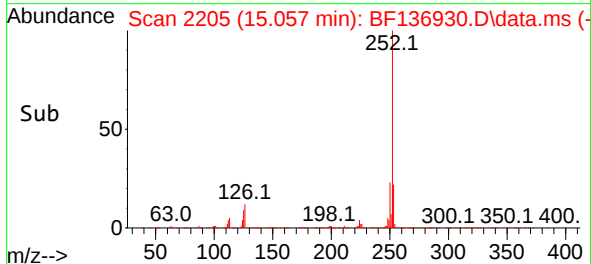
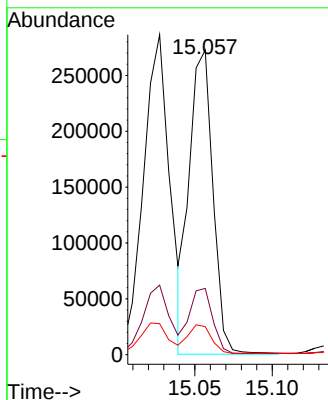
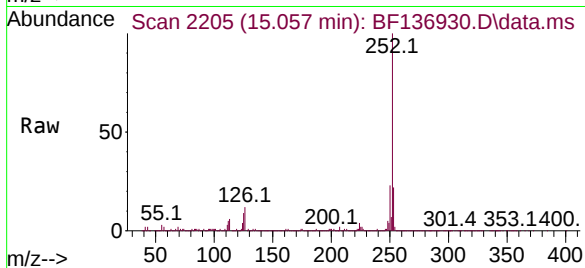
Tgt Ion:252 Resp: 288831

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 9.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 58.316 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

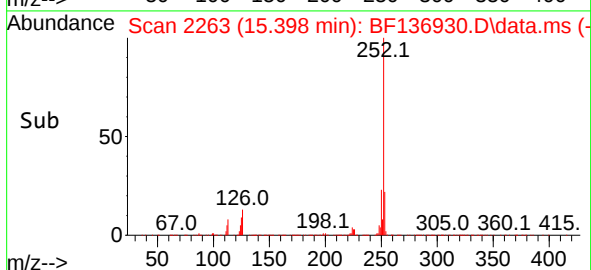
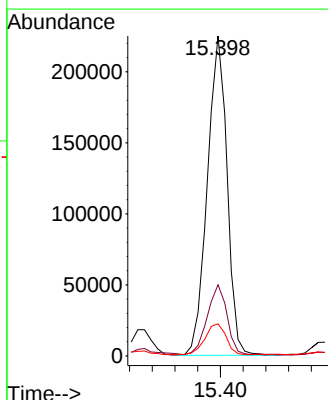
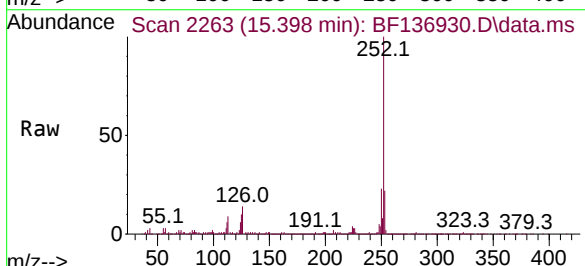
Tgt Ion:252 Resp: 271868

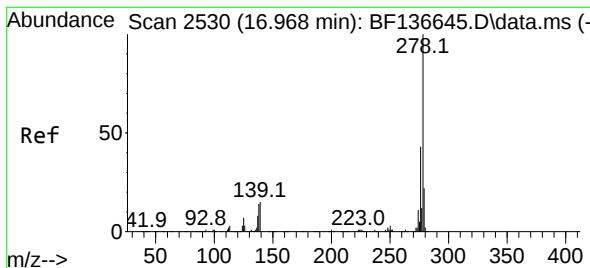
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 10.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.016 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Instrument :

BNA\_F

ClientSampleId :

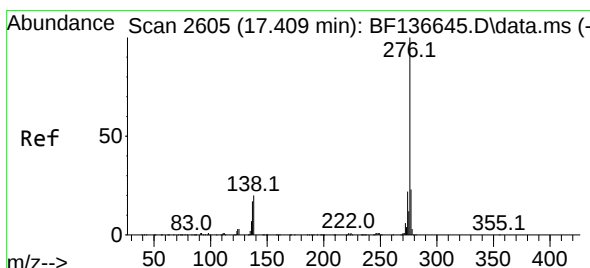
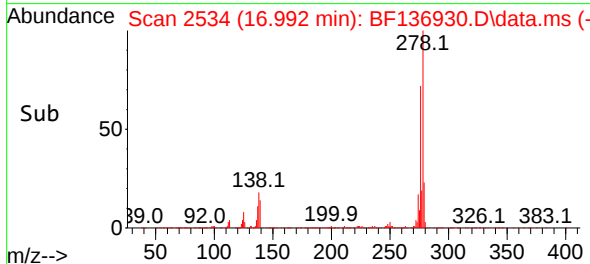
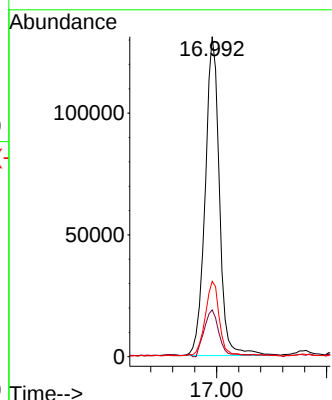
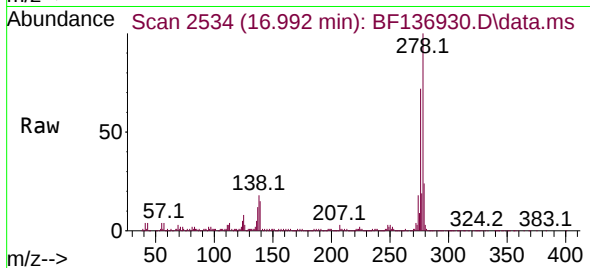
Tgt Ion:278 Resp: 235185

Ion Ratio Lower Upper

278 100

139 14.6 12.2 18.4

279 23.6 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 46.133 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.030 min

Lab File: BF136930.D

Acq: 04 Jan 2024 03:09

Tgt Ion:276 Resp: 231431

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 20.2 15.6 23.4

