

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101722\  
 Data File : BF130683.D  
 Acq On : 17 Oct 2022 13:09  
 Operator : CG\JU  
 Sample : PB148341BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148341BS

Quant Time: Oct 18 03:19:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 18 03:15:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.575  | 152  | 92821    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.857  | 136  | 359549   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.610  | 164  | 193824   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.086 | 188  | 334952   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.721 | 240  | 248870   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.092 | 264  | 181383   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.187  | 112  | 694728   | 134.913 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.234  | 99   | 839906   | 129.730 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.151  | 82   | 528116   | 80.184  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.404 | 330  | 282461   | 148.934 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.939  | 172  | 1071342  | 83.726  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.674 | 244  | 1245722  | 83.078  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.222  | 88   | 82927    | 26.619  | ng    | 97       |
| 3) Pyridine                   | 2.881  | 79   | 182486   | 32.746  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 2.846  | 42   | 113702   | 43.305  | ng    | 92       |
| 6) Aniline                    | 6.239  | 93   | 292260   | 37.705  | ng    | # 81     |
| 8) 2-Chlorophenol             | 6.363  | 128  | 273002   | 45.082  | ng    | 96       |
| 9) Benzaldehyde               | 6.128  | 77   | 81223    | 19.968  | ng    | 98       |
| 10) Phenol                    | 6.245  | 94   | 317357   | 42.364  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.322  | 93   | 235313   | 43.244  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.516  | 146  | 289676   | 43.688  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.592  | 146  | 297130   | 44.172  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.739  | 146  | 283114   | 45.193  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.734  | 79   | 198425   | 42.688  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.863  | 45   | 294110   | 42.011  | ng    | 86       |
| 17) 2-Methylphenol            | 6.851  | 107  | 218977   | 45.458  | ng    | 95       |
| 18) Hexachloroethane          | 7.081  | 117  | 110932   | 43.593  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.004  | 70   | 177776   | 42.560  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.010  | 107  | 270163   | 41.854  | ng    | # 82     |
| 22) Acetophenone              | 6.998  | 105  | 377177   | 43.730  | ng    | # 98     |
| 24) Nitrobenzene              | 7.169  | 77   | 271968   | 41.061  | ng    | 97       |
| 25) Isophorone                | 7.410  | 82   | 480976   | 43.877  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.481  | 139  | 146220   | 45.016  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.534  | 122  | 230506   | 50.916  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.622  | 93   | 295117   | 46.496  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.728  | 162  | 226027   | 44.624  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 7.804  | 180  | 238267   | 43.634  | ng    | 96       |
| 31) Naphthalene               | 7.881  | 128  | 774605   | 41.619  | ng    | 99       |
| 32) Benzoic acid              | 7.698  | 122  | 116933   | 40.828  | ng    | 91       |
| 33) 4-Chloroaniline           | 7.939  | 127  | 270194   | 37.476  | ng    | 100      |
| 34) Hexachlorobutadiene       | 7.992  | 225  | 150193   | 44.315  | ng    | 99       |
| 35) Caprolactam               | 8.328  | 113  | 35872    | 23.539  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.439  | 107  | 236827   | 43.105  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.569  | 142  | 511493   | 43.671  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.669  | 142  | 486294   | 42.769  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.739  | 216  | 243919   | 46.384  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.722  | 237  | 181670   | 89.095  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 8.857  | 196  | 153400   | 43.445  | ng    | 99       |

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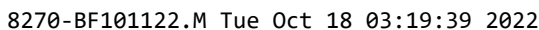
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 BNA\_F  
 ClientSampleId :  
 PB148341BS

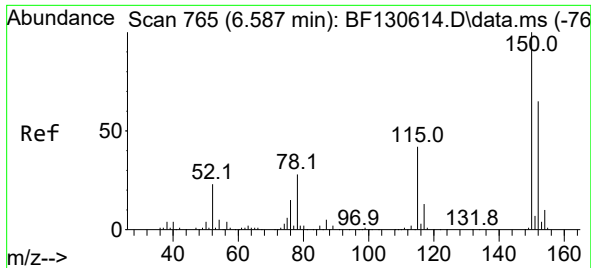
Quant Time: Oct 18 03:19:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 18 03:15:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 8.910  | 196  | 163198   | 42.029 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.039  | 154  | 627293   | 44.658 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.063  | 162  | 490784   | 42.750 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.169  | 65   | 144164   | 41.716 | ng    | 93       |
| 49) Acenaphthylene            | 9.475  | 152  | 737866   | 42.895 | ng    | 99       |
| 50) Dimethylphthalate         | 9.351  | 163  | 576116   | 42.939 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.416  | 165  | 129366   | 43.955 | ng    | 87       |
| 52) Acenaphthene              | 9.645  | 154  | 441477   | 42.361 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.580  | 138  | 109564   | 33.961 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.698  | 184  | 123334   | 82.099 | ng    | 95       |
| 55) Dibenzofuran              | 9.816  | 168  | 674784   | 42.502 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.769  | 139  | 142121   | 79.897 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 9.822  | 165  | 171496   | 45.339 | ng    | # 74     |
| 58) Fluorene                  | 10.157 | 166  | 559217   | 42.844 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 9.939  | 232  | 136279   | 44.022 | ng    | 95       |
| 60) Diethylphthalate          | 10.045 | 149  | 560734   | 41.887 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.151 | 204  | 261105   | 44.247 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.198 | 138  | 127451   | 41.378 | ng    | 98       |
| 63) Azobenzene                | 10.310 | 77   | 507150   | 40.223 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.227 | 198  | 90531    | 43.250 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.275 | 169  | 475956   | 42.718 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.639 | 248  | 170066   | 44.873 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.698 | 284  | 195642   | 45.665 | ng    | 99       |
| 69) Atrazine                  | 10.810 | 200  | 150137   | 49.485 | ng    | 97       |
| 70) Pentachlorophenol         | 10.904 | 266  | 150537   | 90.281 | ng    | 99       |
| 71) Phenanthrene              | 11.116 | 178  | 786100   | 42.360 | ng    | 99       |
| 72) Anthracene                | 11.169 | 178  | 797561   | 44.006 | ng    | 99       |
| 73) Carbazole                 | 11.327 | 167  | 729167   | 45.087 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.657 | 149  | 882627   | 45.055 | ng    | 100      |
| 75) Fluoranthene              | 12.298 | 202  | 833967   | 46.758 | ng    | 99       |
| 77) Benzidine                 | 12.427 | 184  | 371191   | 59.008 | ng    | 99       |
| 78) Pyrene                    | 12.521 | 202  | 832883   | 38.793 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.151 | 149  | 361987   | 43.846 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.710 | 228  | 709230   | 42.294 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.680 | 252  | 226284   | 46.697 | ng    | 99       |
| 83) Chrysene                  | 13.751 | 228  | 662170   | 41.648 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.710 | 149  | 480359   | 47.994 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.315 | 149  | 720119   | 46.979 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.386 | 276  | 540803   | 39.836 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.715 | 252  | 576608   | 50.203 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.745 | 252  | 567542   | 48.529 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.039 | 252  | 474940   | 49.684 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.392 | 278  | 471556   | 42.376 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 16.768 | 276  | 467487   | 45.105 | ng    | 98       |

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

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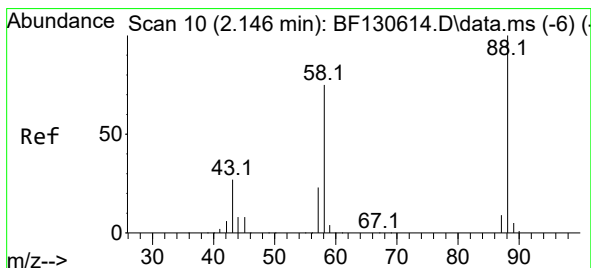
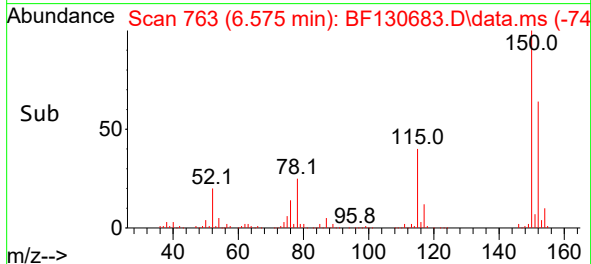
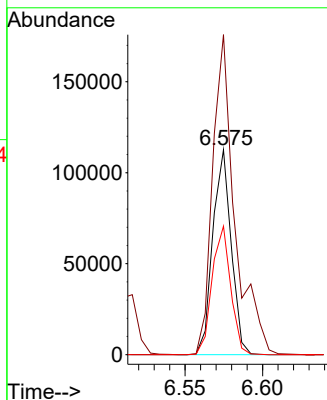
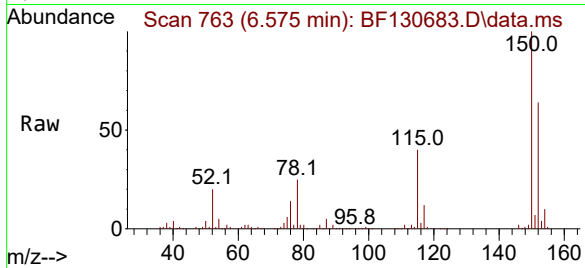




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.575 min Scan# 7  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

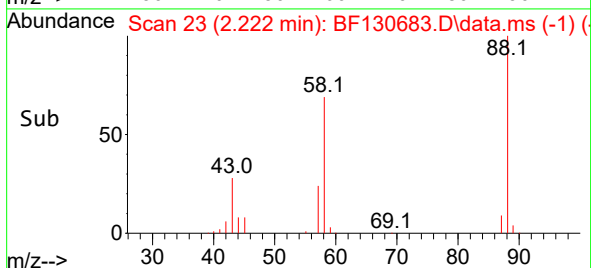
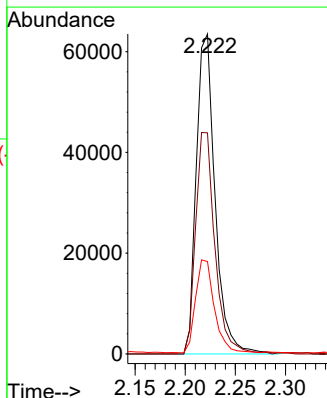
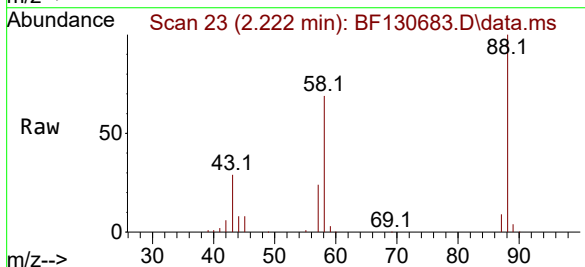
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

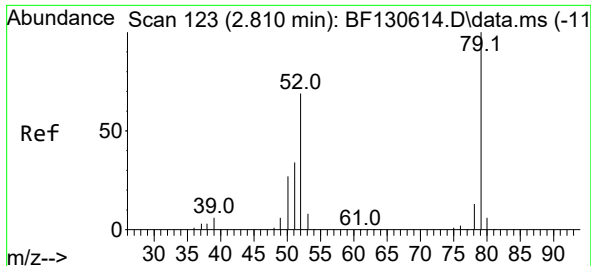
Tgt Ion:152 Resp: 92821  
Ion Ratio Lower Upper  
152 100  
150 156.2 123.8 185.6  
115 62.7 52.2 78.4



#2  
1,4-Dioxane  
Concen: 26.619 ng  
RT: 2.222 min Scan# 23  
Delta R.T. 0.088 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion: 88 Resp: 82927  
Ion Ratio Lower Upper  
88 100  
58 71.0 58.8 88.2  
43 28.9 22.2 33.4

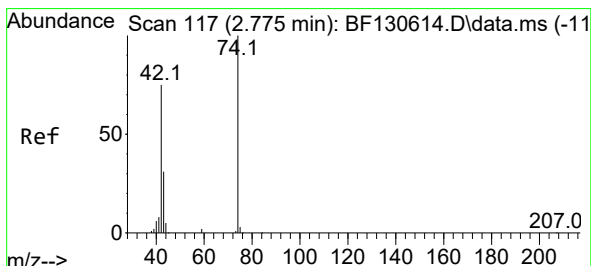
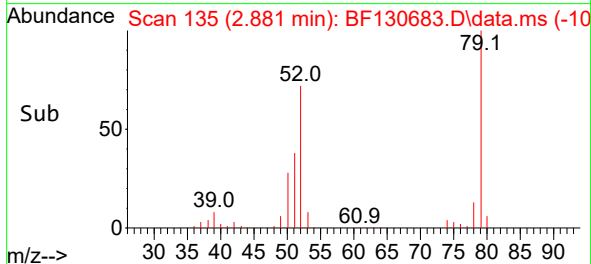
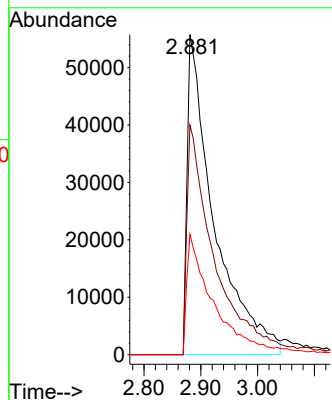
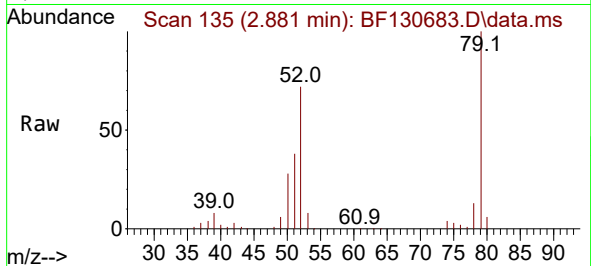




#3  
Pyridine  
Concen: 32.746 ng  
RT: 2.881 min Scan# 11  
Delta R.T. 0.094 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

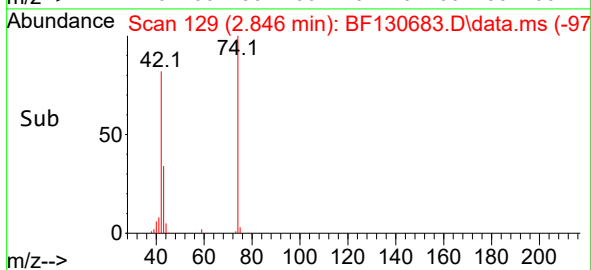
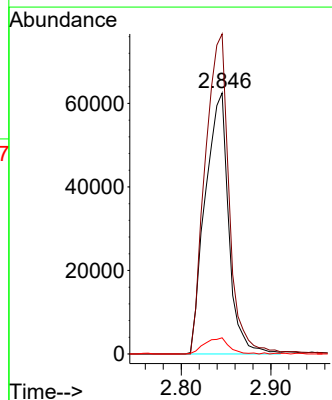
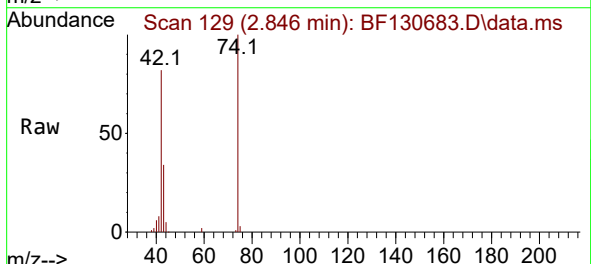
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ClientSampleId :  
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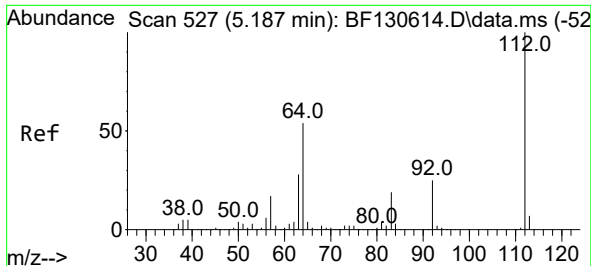
Tgt Ion: 79 Resp: 182486  
Ion Ratio Lower Upper  
79 100  
52 71.7 54.8 82.2  
51 37.6 27.4 41.2



#4  
n-Nitrosodimethylamine  
Concen: 43.305 ng  
RT: 2.846 min Scan# 129  
Delta R.T. 0.088 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion: 42 Resp: 113702  
Ion Ratio Lower Upper  
42 100  
74 122.6 106.2 159.2  
44 6.2 5.0 7.4

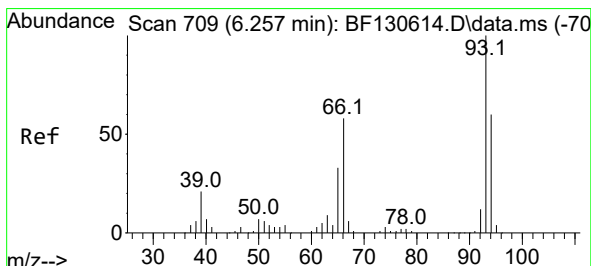
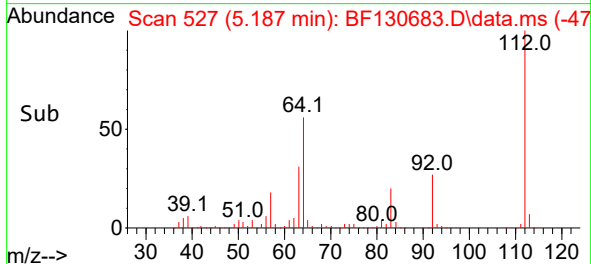
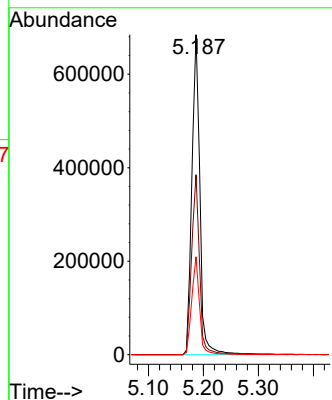
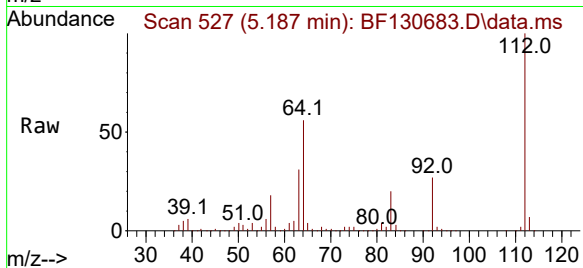




#5  
2-Fluorophenol  
Concen: 134.913 ng  
RT: 5.187 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

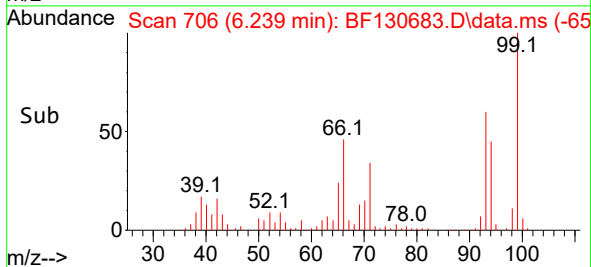
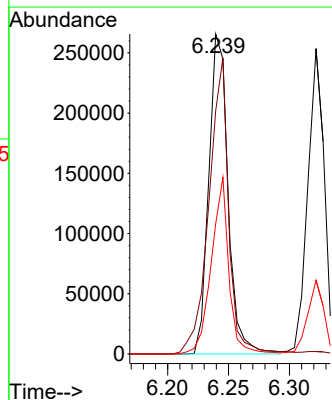
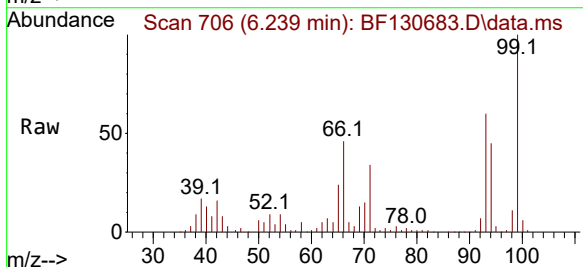
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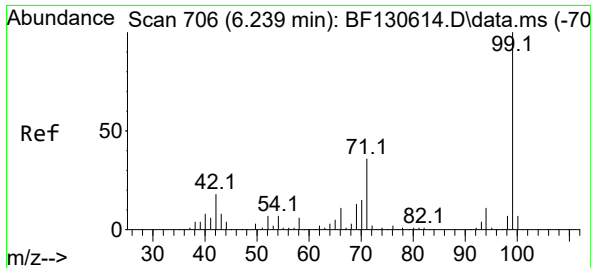
Tgt Ion:112 Resp: 694728  
Ion Ratio Lower Upper  
112 100  
64 56.3 43.5 65.3  
63 30.6 22.6 34.0



#6  
Aniline  
Concen: 37.705 ng  
RT: 6.239 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion: 93 Resp: 292260  
Ion Ratio Lower Upper  
93 100  
66 76.1 47.4 71.0#  
65 40.8 26.6 40.0#

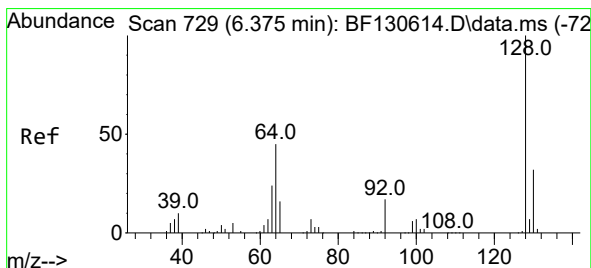
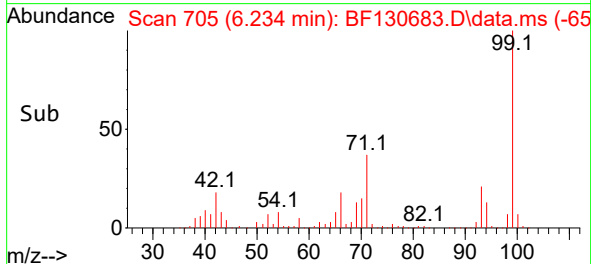
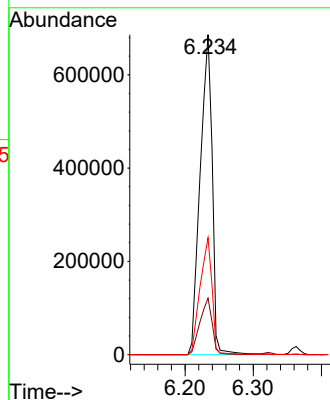
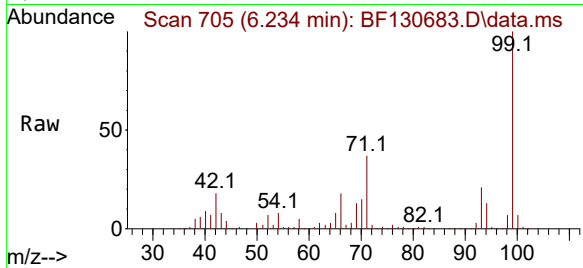




#7  
Phenol-d6  
Concen: 129.730 ng  
RT: 6.234 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

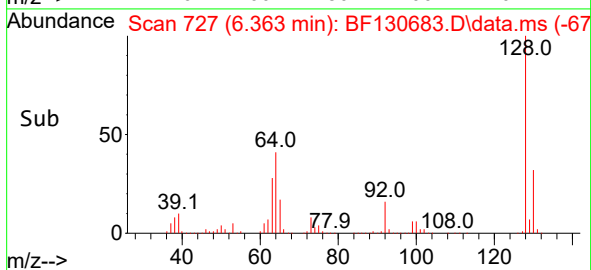
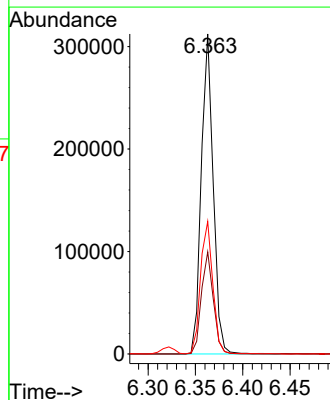
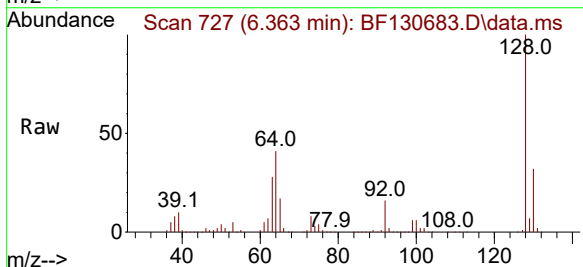
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ClientSampleId :  
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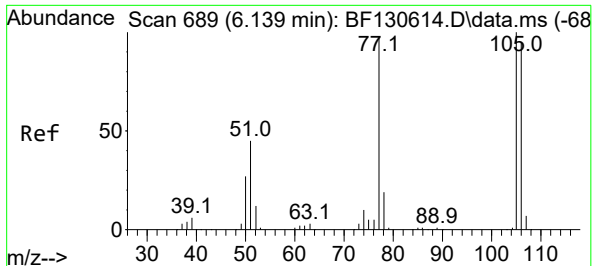
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Ion Ratio Lower Upper  
99 100  
42 17.6 14.0 21.0  
71 36.6 28.8 43.2



#8  
2-Chlorophenol  
Concen: 45.082 ng  
RT: 6.363 min Scan# 727  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:128 Resp: 273002  
Ion Ratio Lower Upper  
128 100  
130 31.9 12.4 52.4  
64 41.4 25.9 65.9

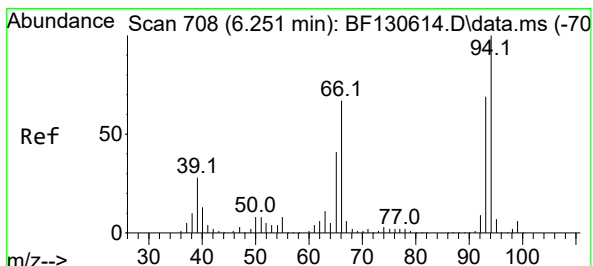
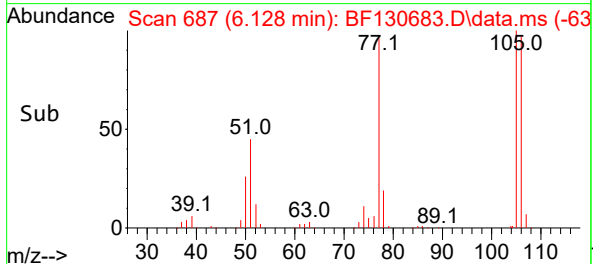
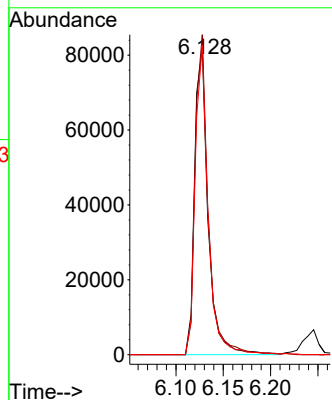
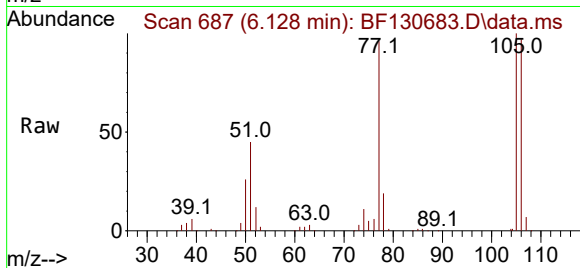




#9  
Benzaldehyde  
Concen: 19.968 ng  
RT: 6.128 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

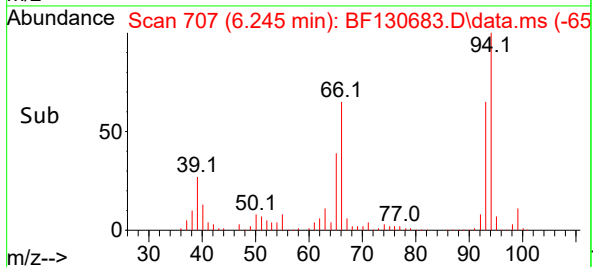
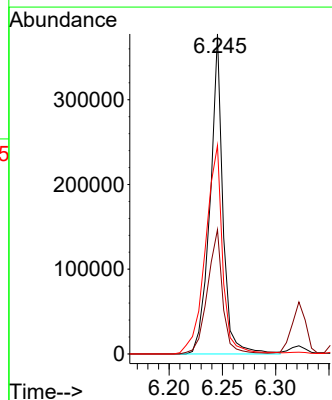
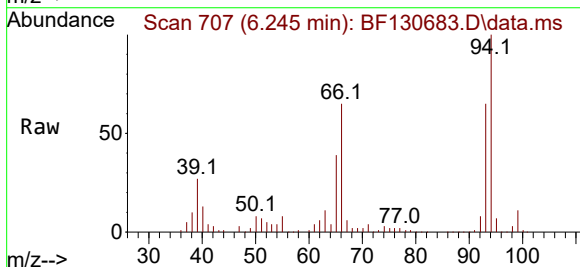
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

Tgt Ion: 77 Resp: 81223  
Ion Ratio Lower Upper  
77 100  
105 104.3 83.0 123.0  
106 100.8 77.8 117.8

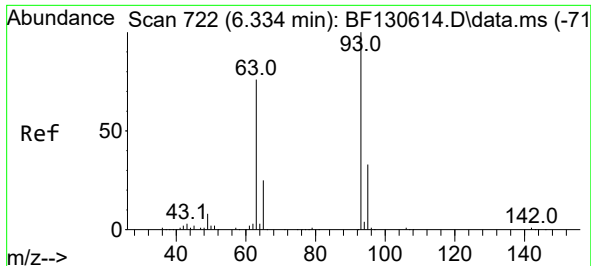


#10  
Phenol  
Concen: 42.364 ng  
RT: 6.245 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion: 94 Resp: 317357  
Ion Ratio Lower Upper  
94 100  
65 38.9 21.2 61.2  
66 65.1 46.9 86.9



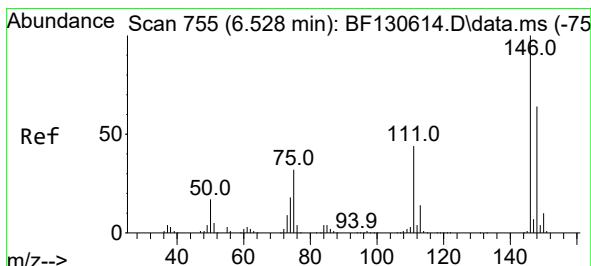
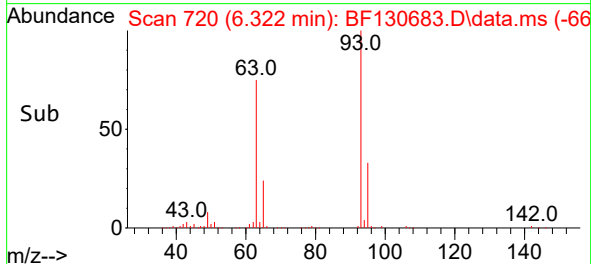
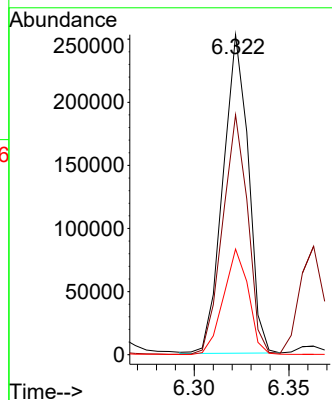
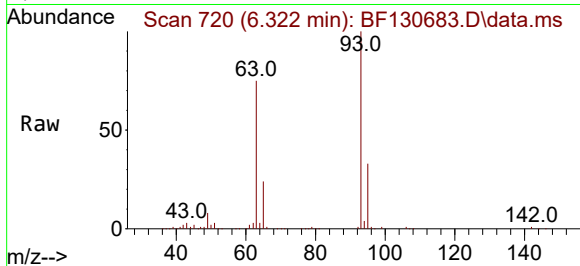




#11  
bis(2-Chloroethyl)ether  
Concen: 43.244 ng  
RT: 6.322 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

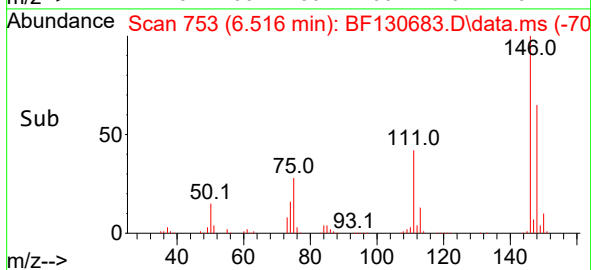
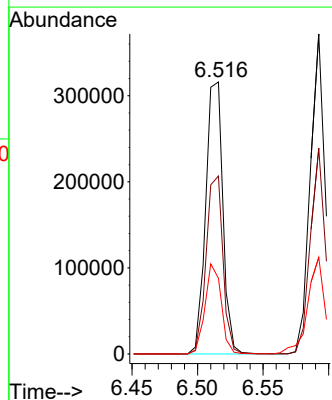
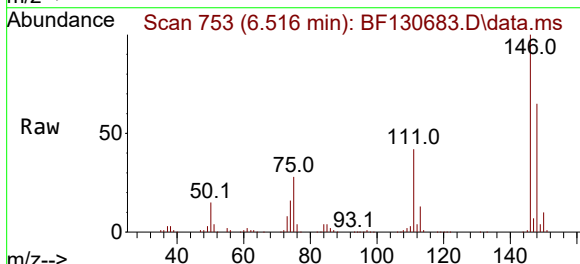
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

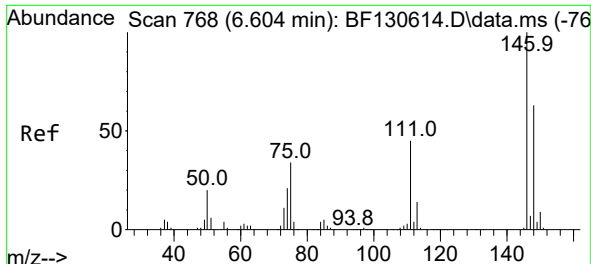
Tgt Ion: 93 Resp: 235313  
Ion Ratio Lower Upper  
93 100  
63 74.9 56.1 96.1  
95 33.0 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 43.688 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:146 Resp: 289676  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.3 76.9  
75 27.8 25.2 37.8

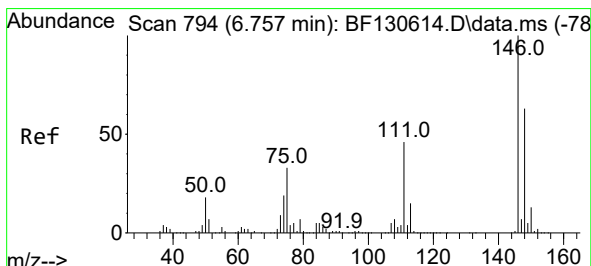
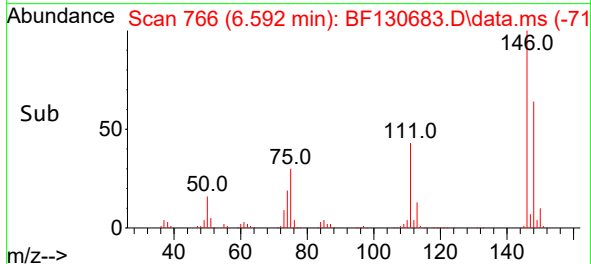
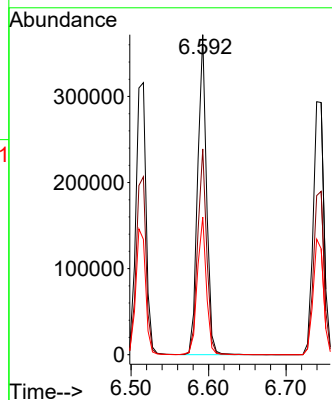
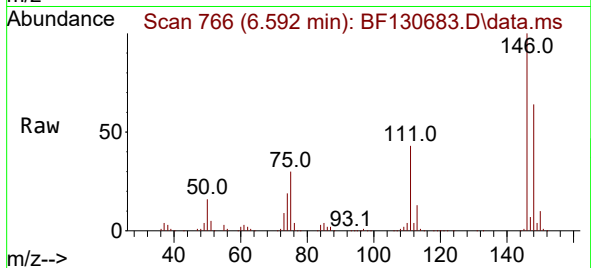




#13  
1,4-Dichlorobenzene  
Concen: 44.172 ng  
RT: 6.592 min Scan# 701  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

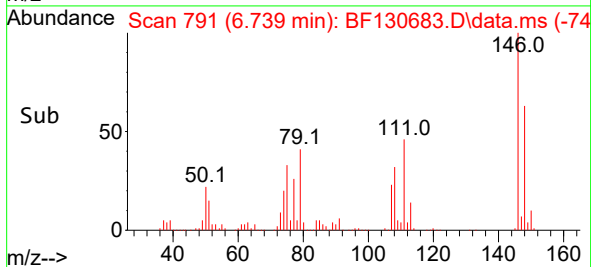
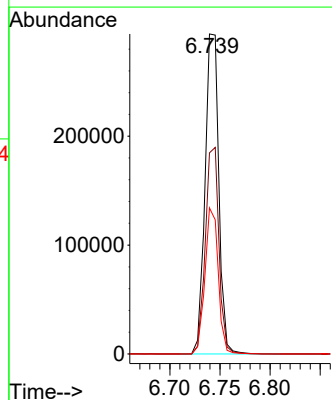
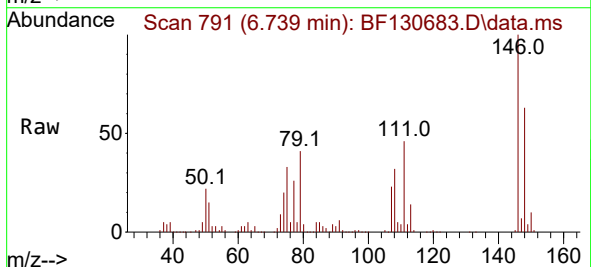
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

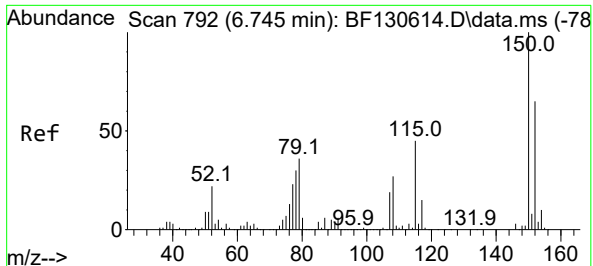
Tgt Ion:146 Resp: 297130  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.1 75.1  
111 43.0 35.9 53.9



#14  
1,2-Dichlorobenzene  
Concen: 45.193 ng  
RT: 6.739 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:146 Resp: 283114  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.5 75.7  
111 45.6 37.2 55.8





#15

Benzyl Alcohol

Concen: 42.688 ng

RT: 6.734 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

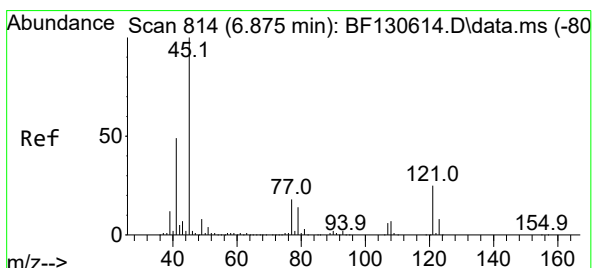
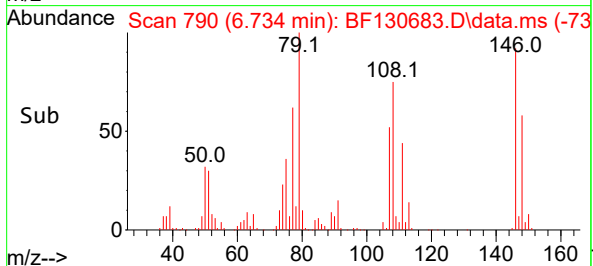
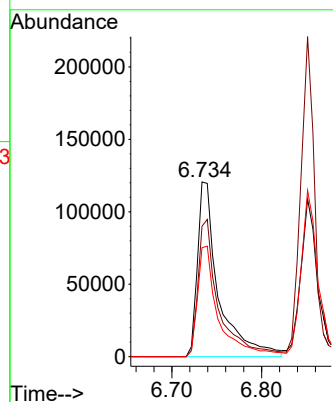
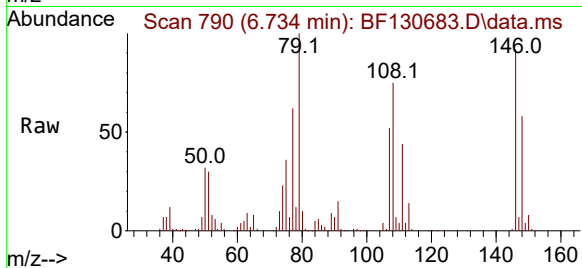
Tgt Ion: 79 Resp: 198425

Ion Ratio Lower Upper

79 100

108 74.6 59.7 89.5

77 62.4 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.011 ng

RT: 6.863 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

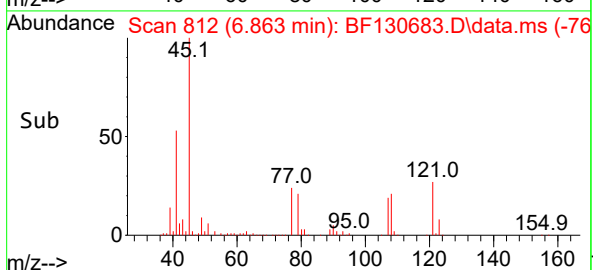
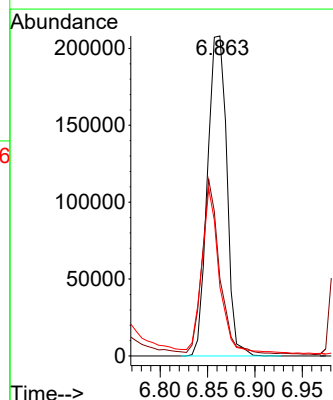
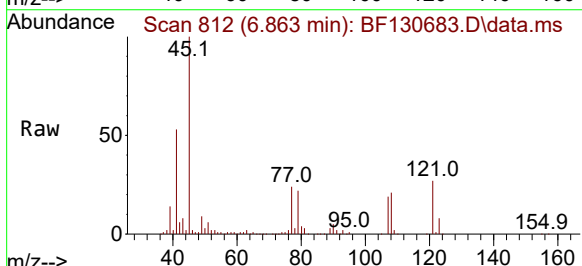
Tgt Ion: 45 Resp: 294110

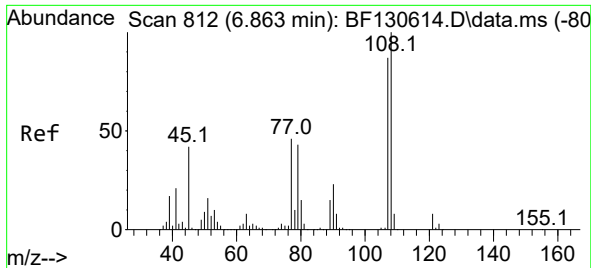
Ion Ratio Lower Upper

45 100

77 24.1 0.0 38.7

79 21.6 0.0 34.6

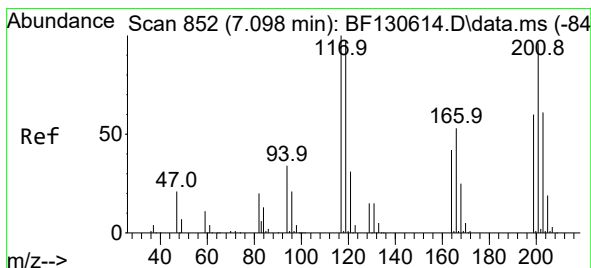
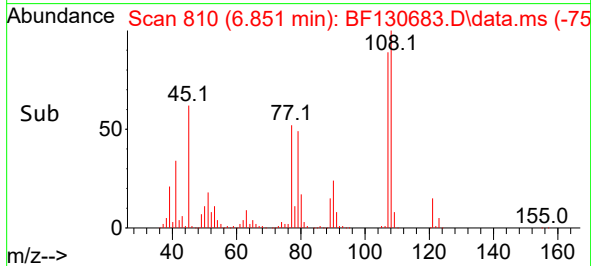
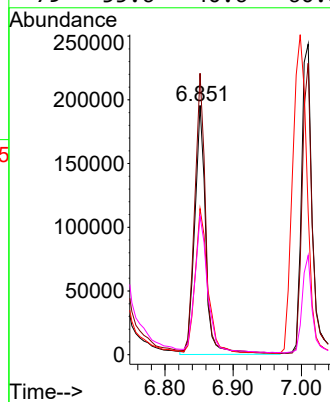
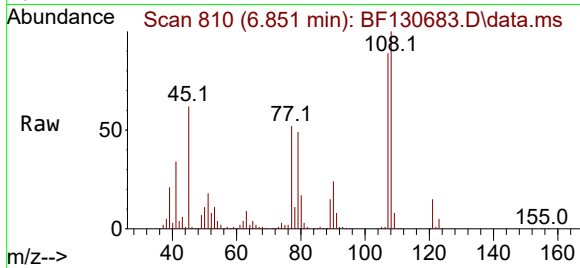




#17  
2-Methylphenol  
Concen: 45.458 ng  
RT: 6.851 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

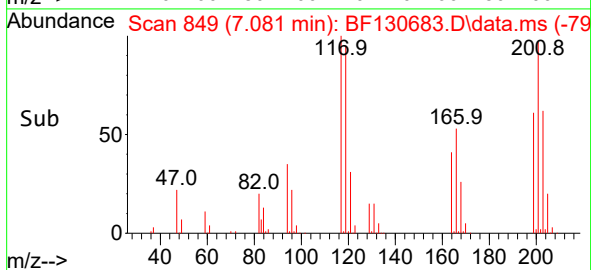
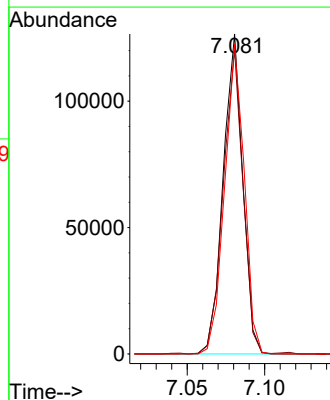
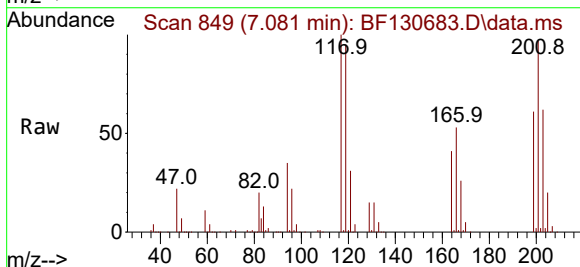
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

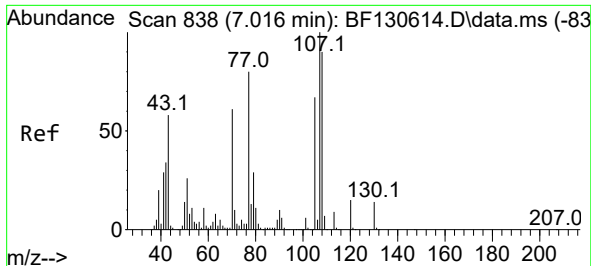
Tgt Ion:107 Resp: 218977  
Ion Ratio Lower Upper  
107 100  
108 112.9 92.2 138.2  
77 58.6 42.7 64.1  
79 55.6 40.6 60.8



#18  
Hexachloroethane  
Concen: 43.593 ng  
RT: 7.081 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:117 Resp: 110932  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.6 116.4  
201 97.0 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.560 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130683.D

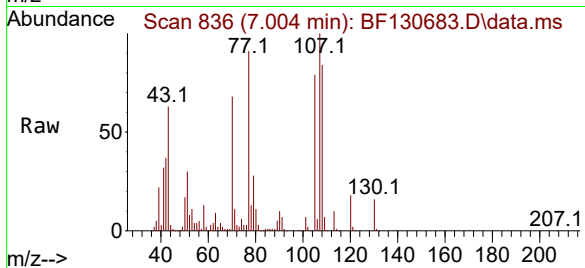
Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS



Tgt Ion: 70 Resp: 177776

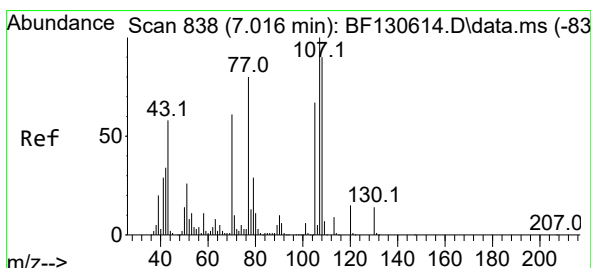
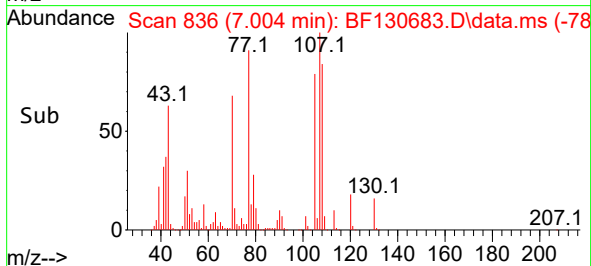
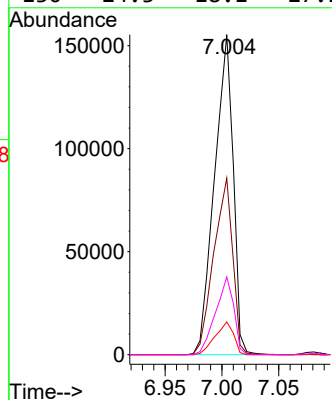
Ion Ratio Lower Upper

70 100

42 55.2 44.3 66.5

101 10.2 7.9 11.9

130 24.3 18.1 27.1



#20

3+4-Methylphenols

Concen: 41.854 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Tgt Ion:107 Resp: 270163

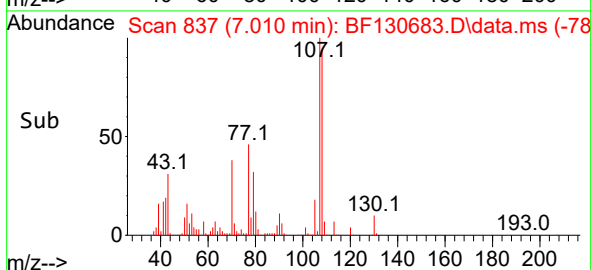
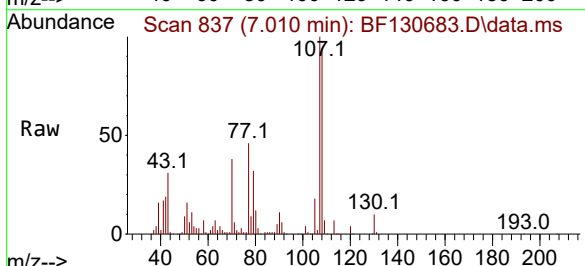
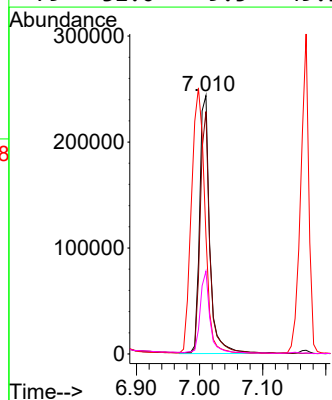
Ion Ratio Lower Upper

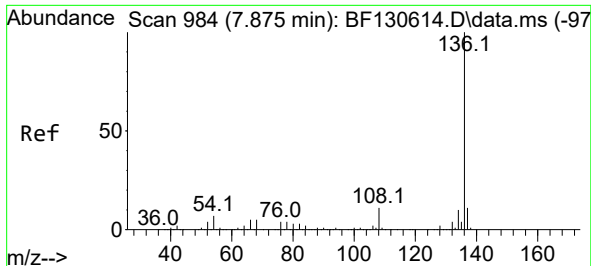
107 100

108 93.8 69.7 109.7

77 45.8 59.7 99.7#

79 32.0 9.5 49.5

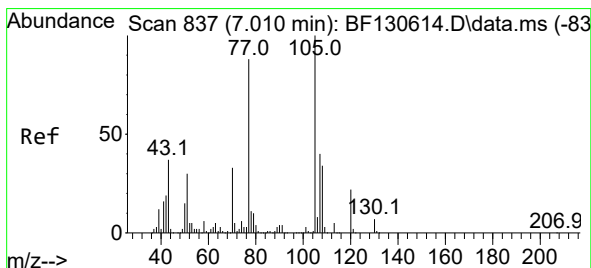
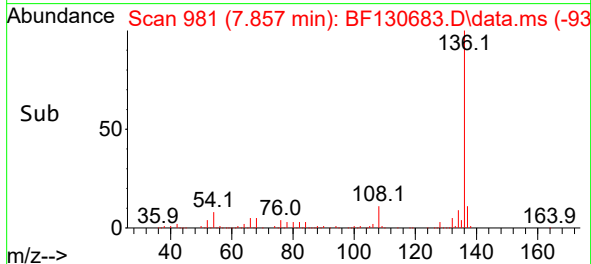
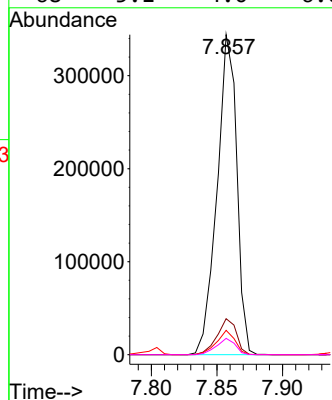
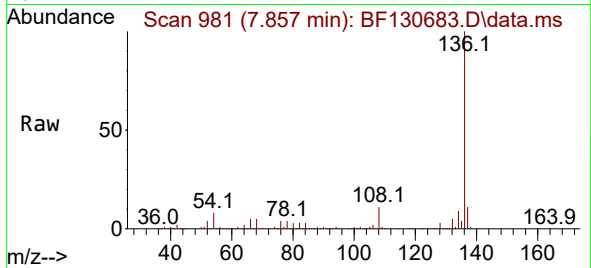




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.857 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

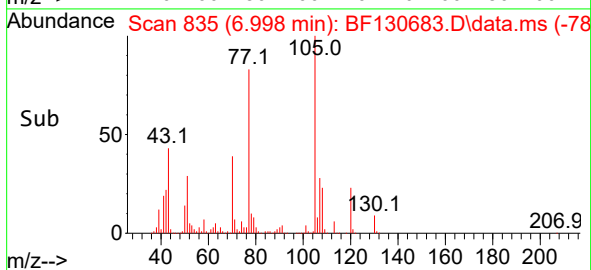
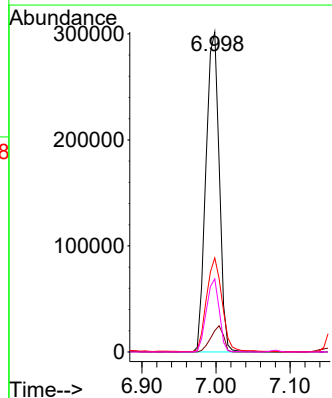
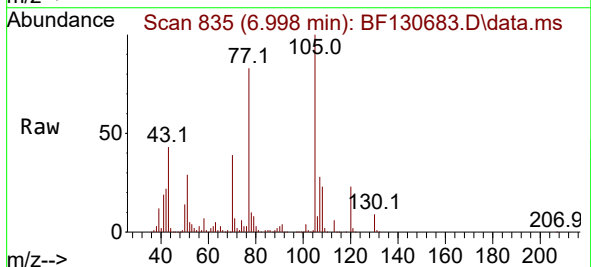
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

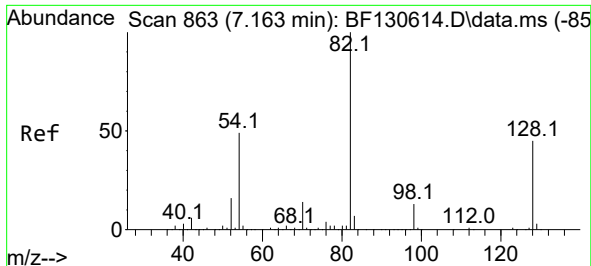
Tgt Ion:136 Resp: 359549  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 7.6 5.5 8.3  
68 5.1 4.0 6.0



#22  
Acetophenone  
Concen: 43.730 ng  
RT: 6.998 min Scan# 835  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:105 Resp: 377177  
Ion Ratio Lower Upper  
105 100  
71 6.6 4.2 6.4#  
51 29.4 24.3 36.5  
120 22.9 17.4 26.2





#23  
Nitrobenzene-d5  
Concen: 80.184 ng  
RT: 7.151 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

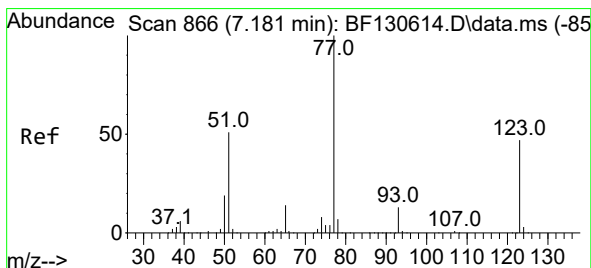
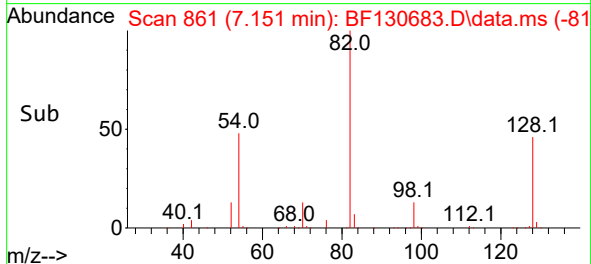
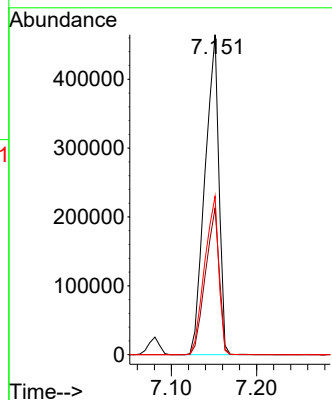
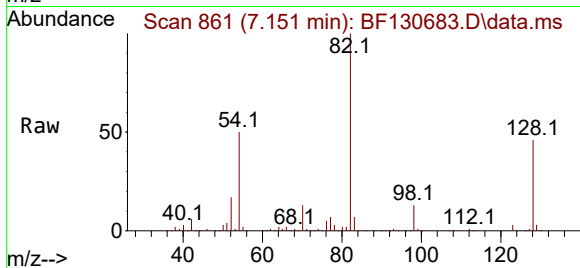
Instrument :

BNA\_F

ClientSampleId :

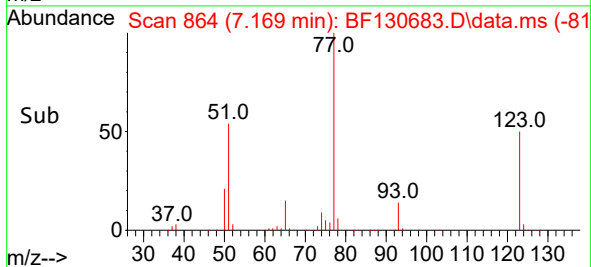
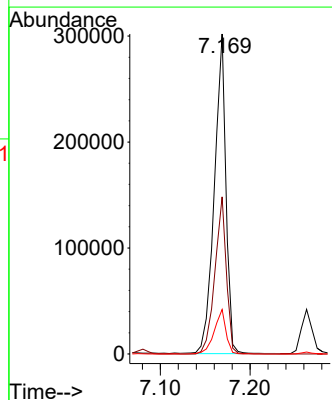
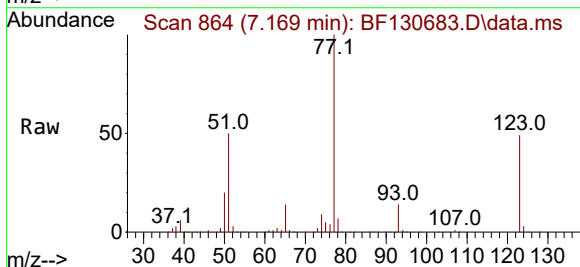
PB148341BS

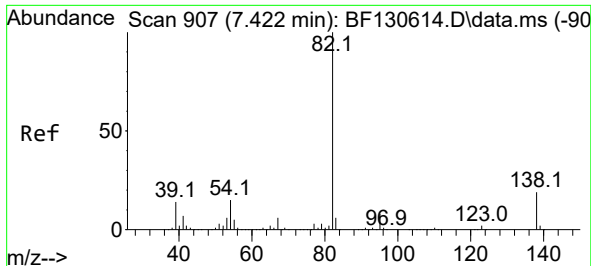
Tgt Ion: 82 Resp: 528116  
Ion Ratio Lower Upper  
82 100  
128 45.8 35.8 53.6  
54 49.5 39.3 58.9



#24  
Nitrobenzene  
Concen: 41.061 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion: 77 Resp: 271968  
Ion Ratio Lower Upper  
77 100  
123 49.1 37.5 56.3  
65 13.9 11.0 16.4

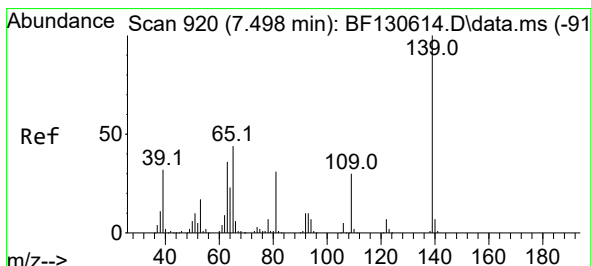
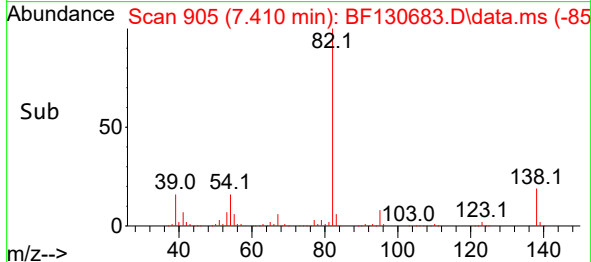
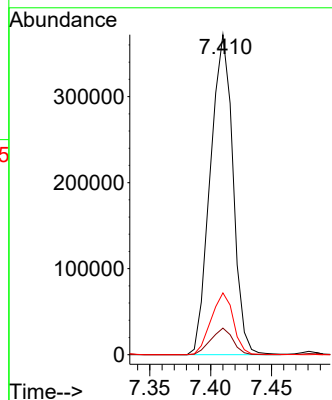
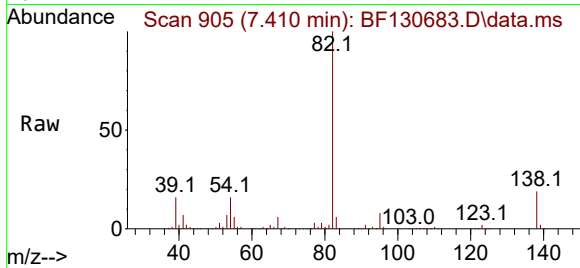




#25  
Isophorone  
Concen: 43.877 ng  
RT: 7.410 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

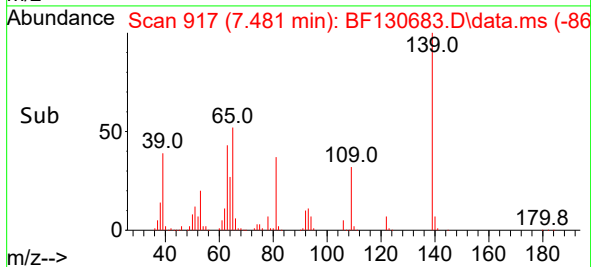
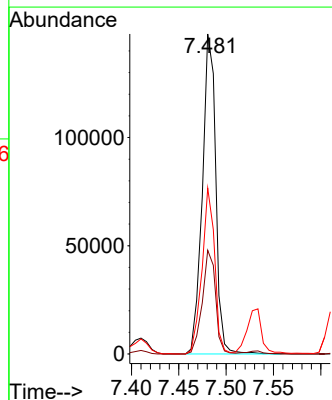
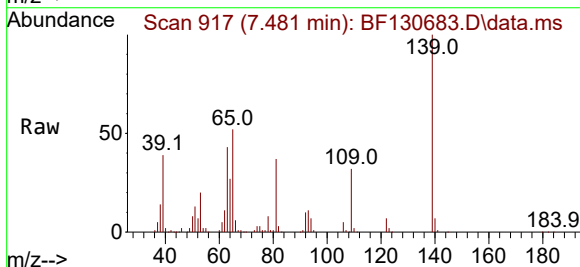
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

Tgt Ion: 82 Resp: 480976  
Ion Ratio Lower Upper  
82 100  
95 8.3 6.1 9.1  
138 19.3 14.9 22.3

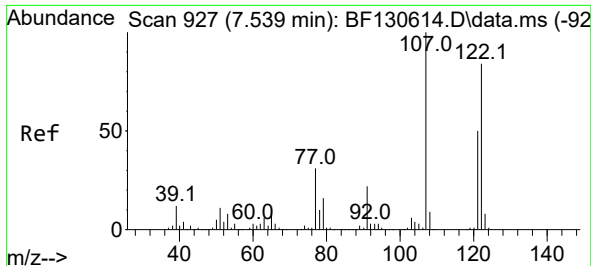


#26  
2-Nitrophenol  
Concen: 45.016 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:139 Resp: 146220  
Ion Ratio Lower Upper  
139 100  
109 32.4 23.9 35.9  
65 51.9 34.9 52.3







#27

2,4-Dimethylphenol

Concen: 50.916 ng

RT: 7.534 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

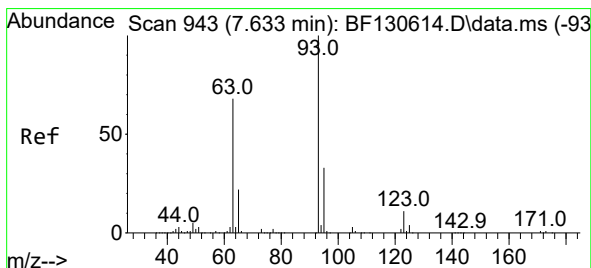
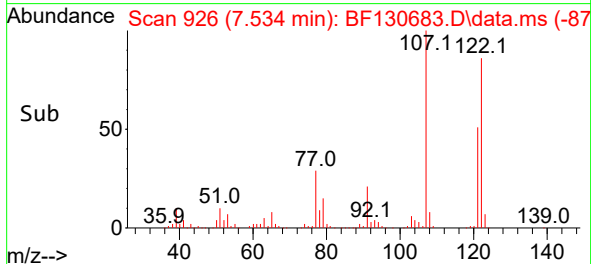
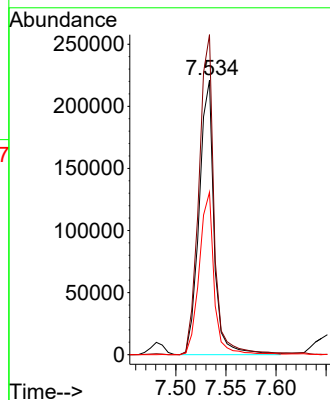
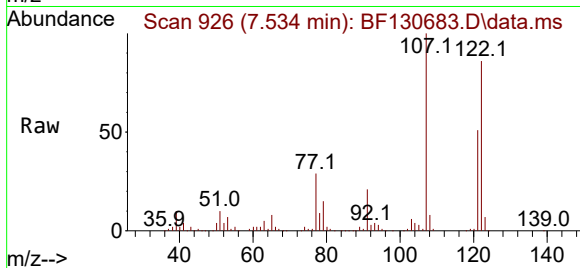
Tgt Ion:122 Resp: 230506

Ion Ratio Lower Upper

122 100

107 116.6 94.9 142.3

121 59.2 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 46.496 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

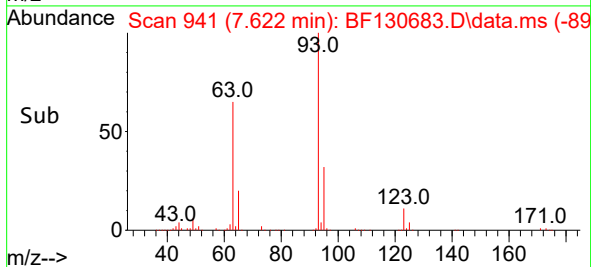
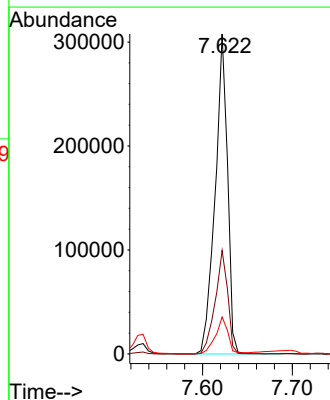
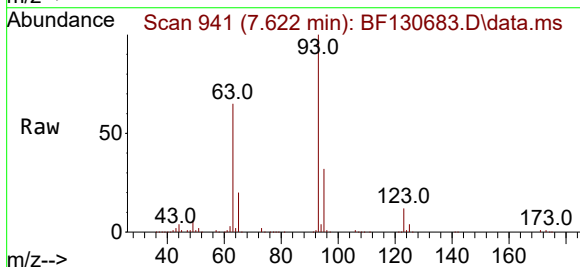
Tgt Ion: 93 Resp: 295117

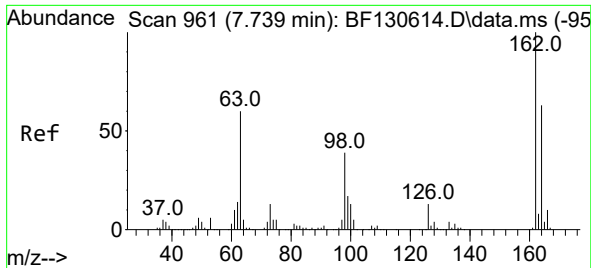
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.624 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

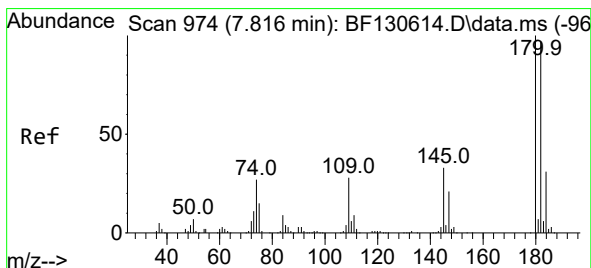
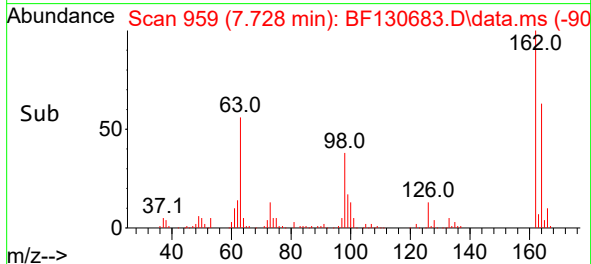
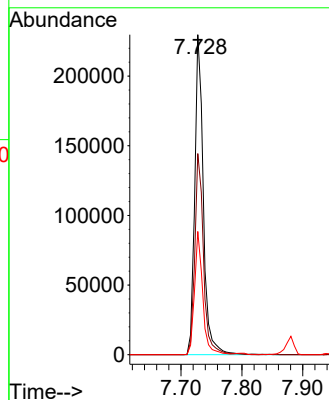
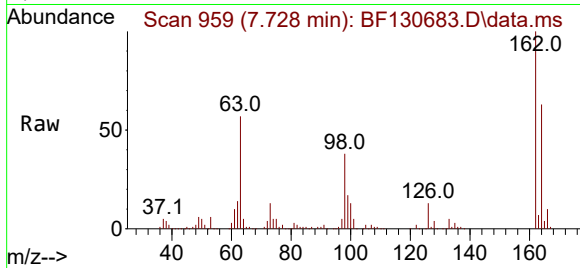
Tgt Ion:162 Resp: 226027

Ion Ratio Lower Upper

162 100

164 62.9 42.8 82.8

98 38.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 43.634 ng

RT: 7.804 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

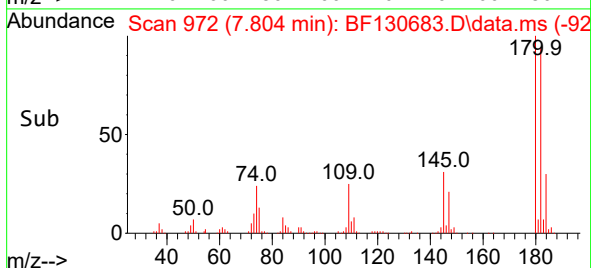
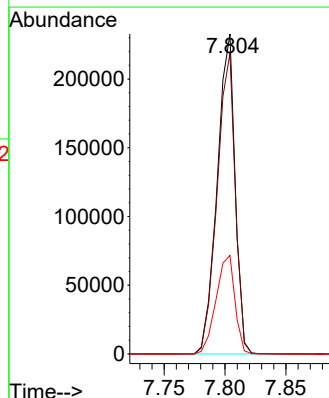
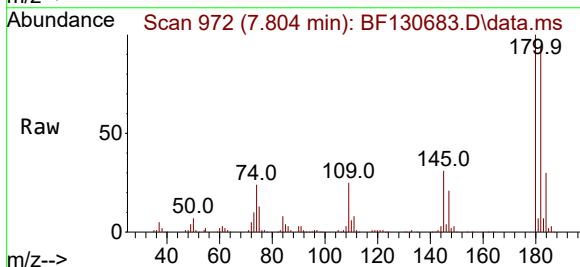
Tgt Ion:180 Resp: 238267

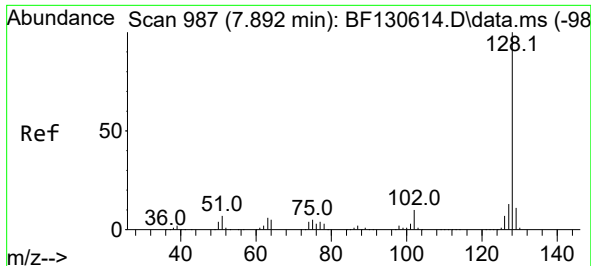
Ion Ratio Lower Upper

180 100

182 94.0 78.0 117.0

145 30.8 26.7 40.1





#31

Naphthalene

Concen: 41.619 ng

RT: 7.881 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

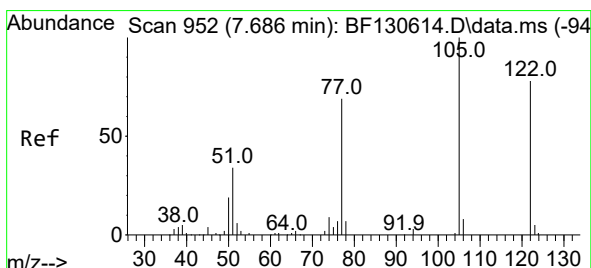
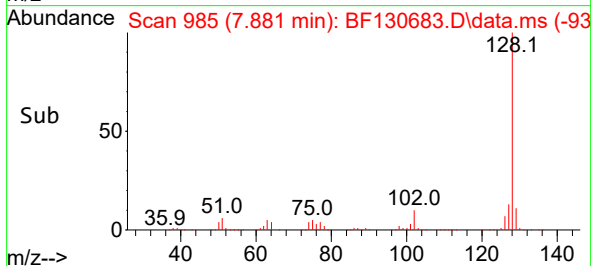
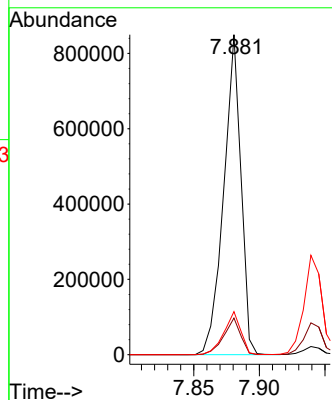
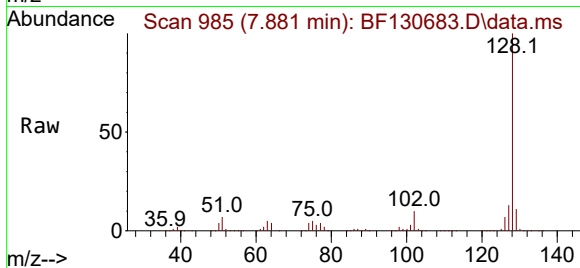
Tgt Ion:128 Resp: 774605

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

127 13.5 10.3 15.5



#32

Benzoic acid

Concen: 40.828 ng

RT: 7.698 min Scan# 954

Delta R.T. 0.012 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

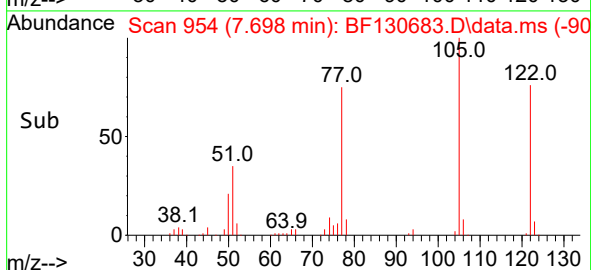
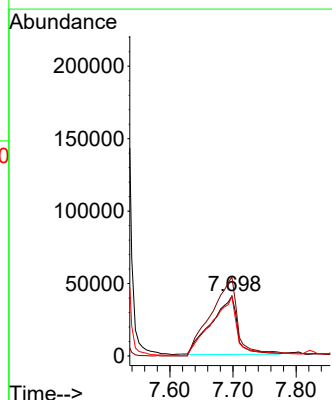
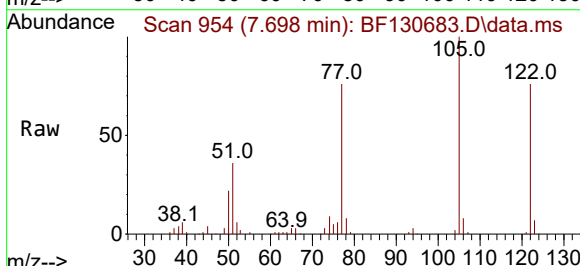
Tgt Ion:122 Resp: 116933

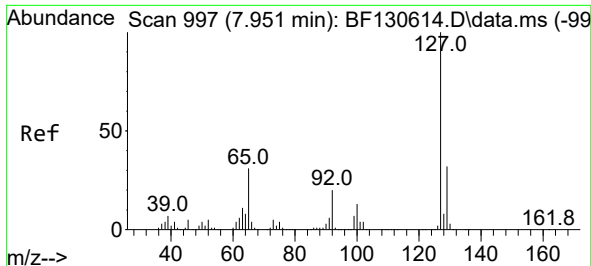
Ion Ratio Lower Upper

122 100

105 131.8 104.8 144.8

77 99.7 68.2 108.2

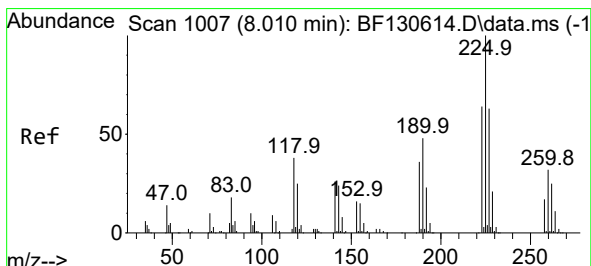
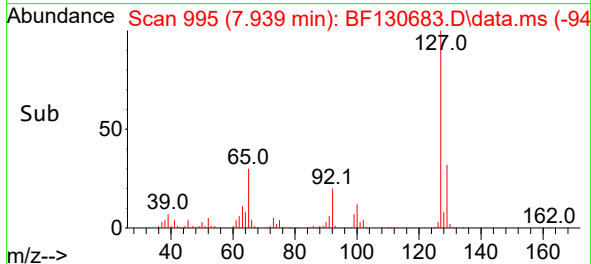
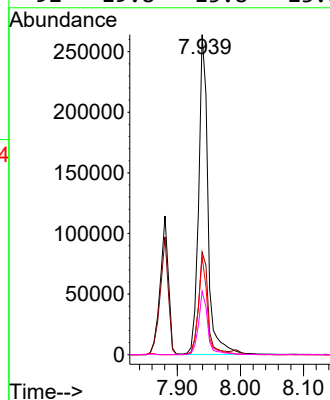
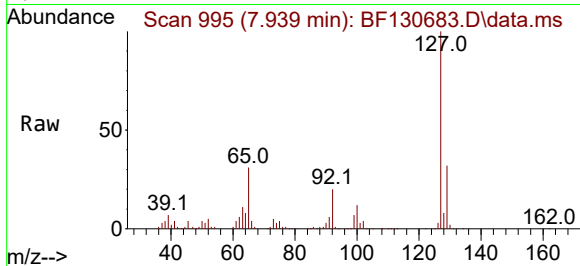




#33  
4-Chloroaniline  
Concen: 37.476 ng  
RT: 7.939 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

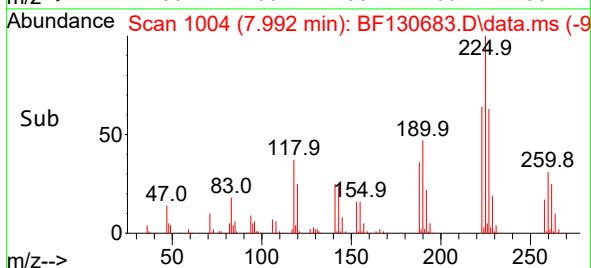
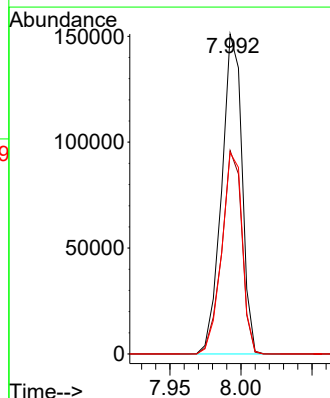
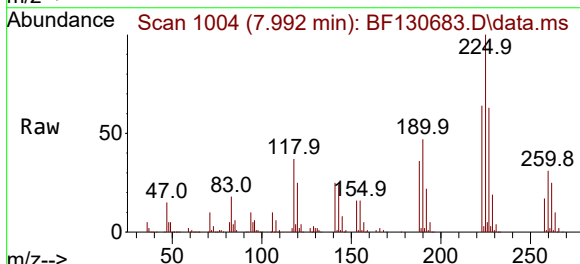
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

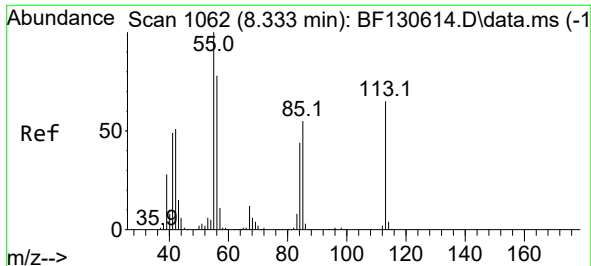
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 270194 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.7  | 38.5   |
| 65       | 30.6  | 24.7  | 37.1   |
| 92       | 19.8  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 44.315 ng  
RT: 7.992 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 150193 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 51.5  | 77.3   |
| 227      | 62.9  | 50.4  | 75.6   |

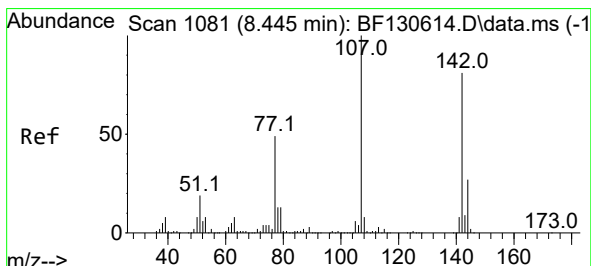
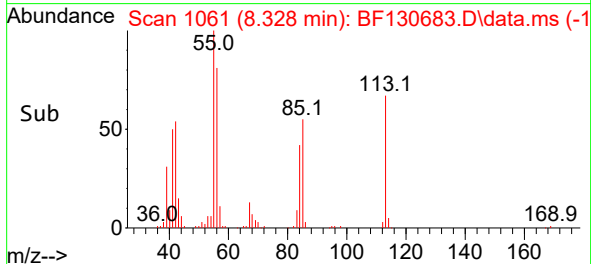
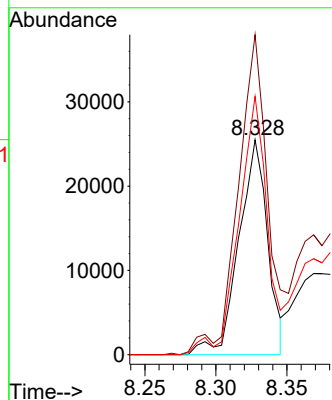
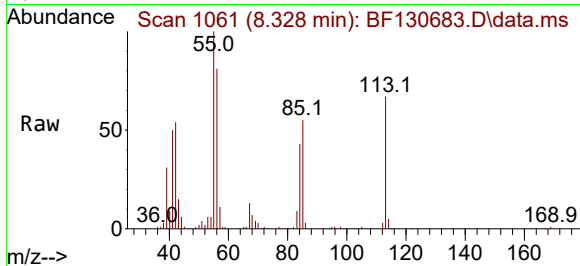




#35  
Caprolactam  
Concen: 23.539 ng  
RT: 8.328 min Scan# 1061  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

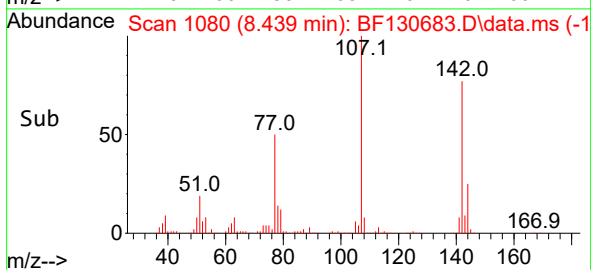
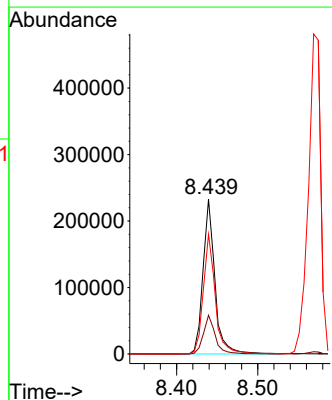
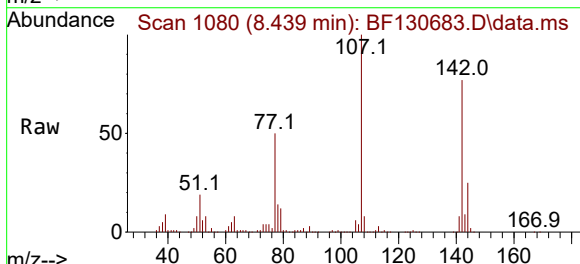
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

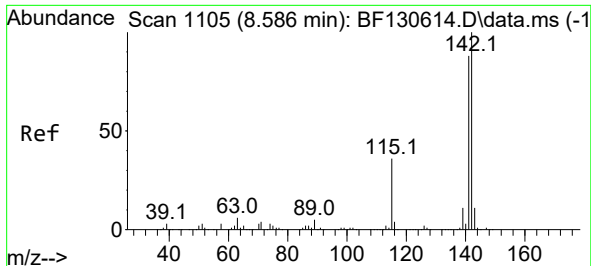
Tgt Ion:113 Resp: 35872  
Ion Ratio Lower Upper  
113 100  
55 148.9 134.3 174.3  
56 120.1 101.0 141.0



#36  
4-Chloro-3-methylphenol  
Concen: 43.105 ng  
RT: 8.439 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:107 Resp: 236827  
Ion Ratio Lower Upper  
107 100  
144 25.0 21.9 32.9  
142 77.3 64.6 96.8

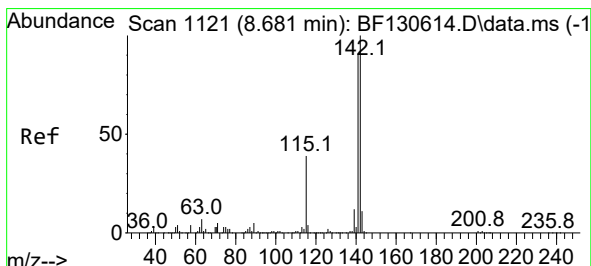
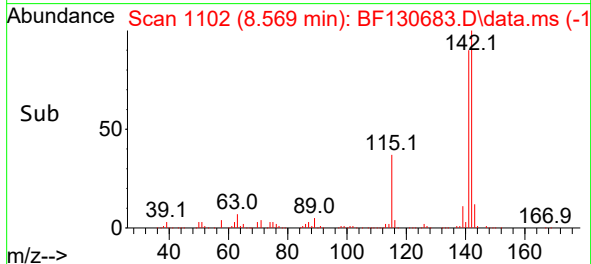
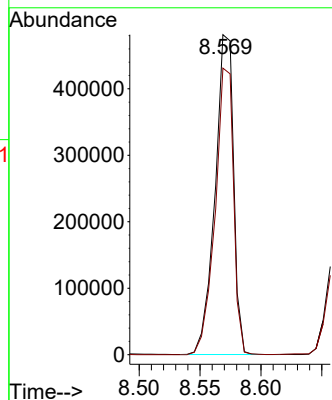
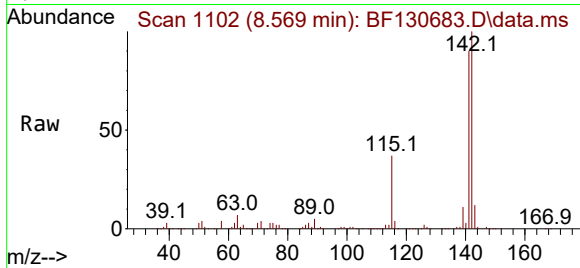




#37  
2-Methylnaphthalene  
Concen: 43.671 ng  
RT: 8.569 min Scan# 1119  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

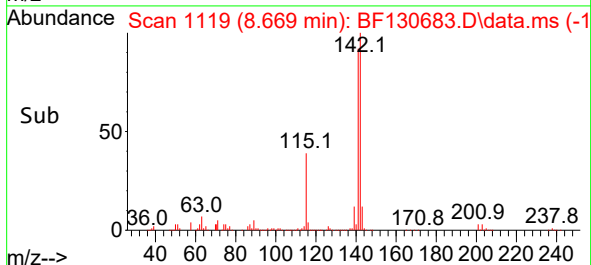
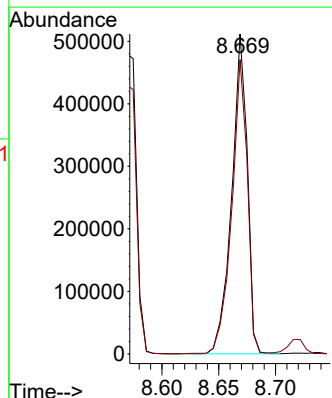
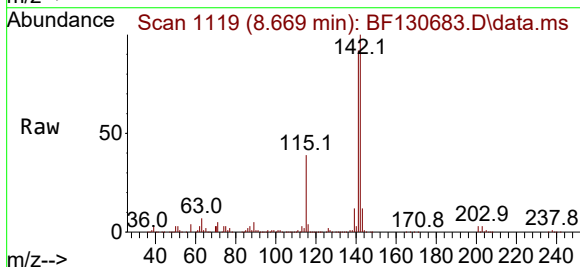
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

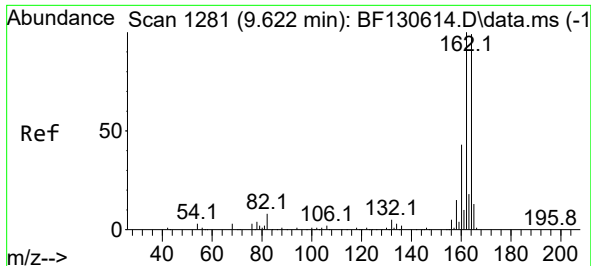
Tgt Ion:142 Resp: 511493  
Ion Ratio Lower Upper  
142 100  
141 89.5 70.7 106.1



#38  
1-Methylnaphthalene  
Concen: 42.769 ng  
RT: 8.669 min Scan# 1119  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:142 Resp: 486294  
Ion Ratio Lower Upper  
142 100  
141 92.0 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.610 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

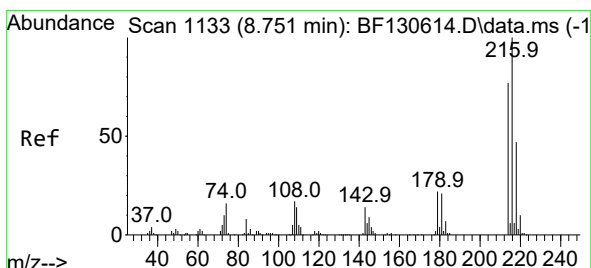
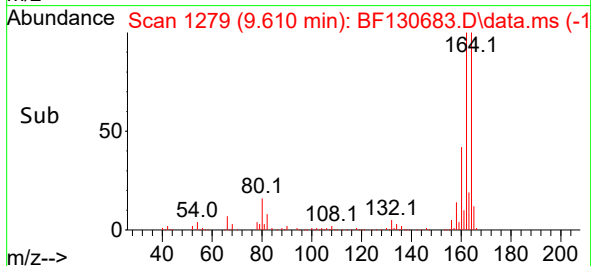
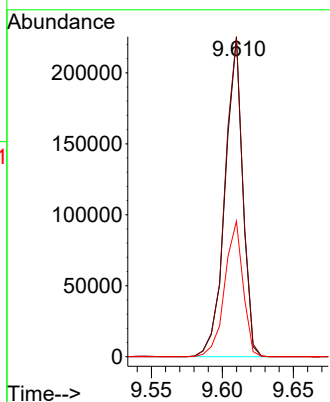
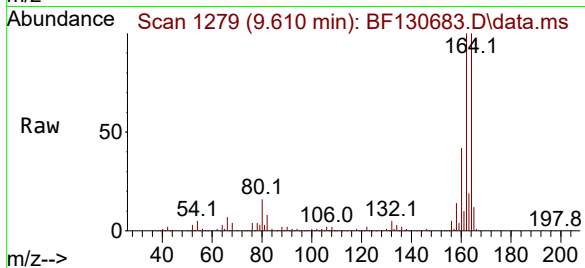
Tgt Ion:164 Resp: 193824

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 42.5 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.384 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Tgt Ion:216 Resp: 243919

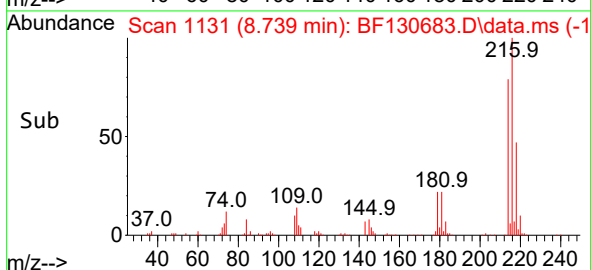
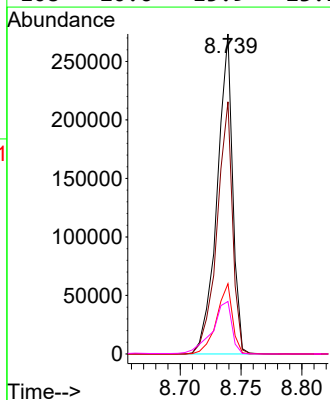
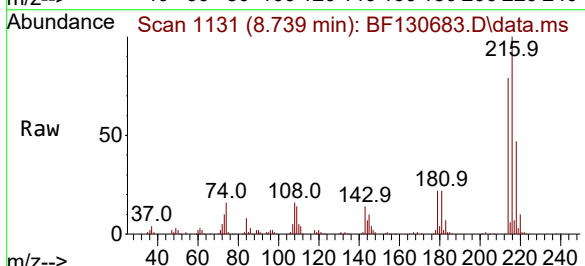
Ion Ratio Lower Upper

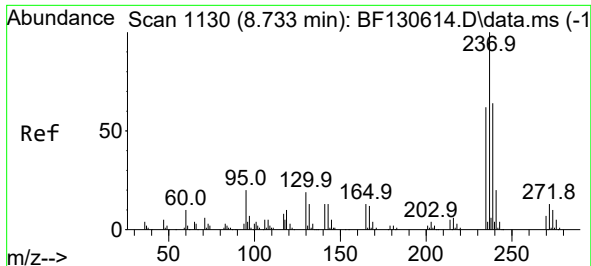
216 100

214 78.5 62.1 93.1

179 22.1 18.6 27.8

108 20.6 15.9 23.9

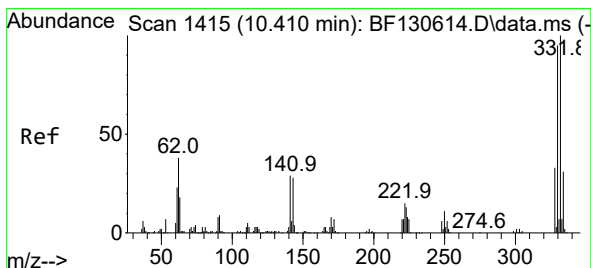
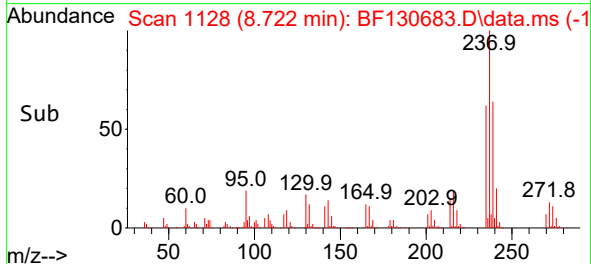
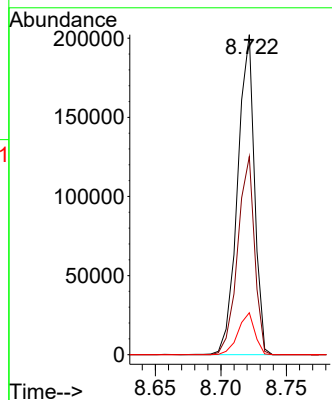
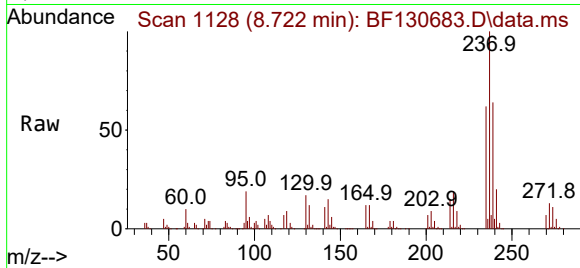




#41  
Hexachlorocyclopentadiene  
Concen: 89.095 ng  
RT: 8.722 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

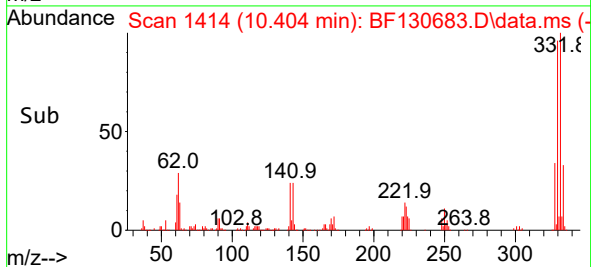
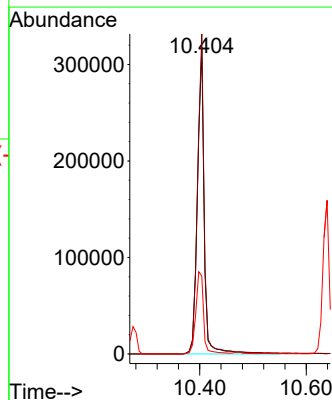
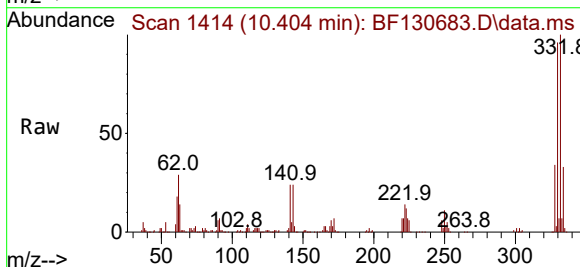
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

Tgt Ion:237 Resp: 181670  
Ion Ratio Lower Upper  
237 100  
235 61.9 42.2 82.2  
272 13.1 0.0 32.6

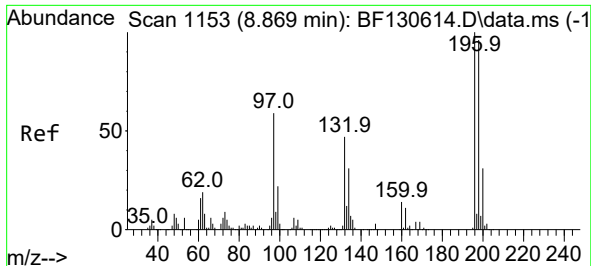


#42  
2,4,6-Tribromophenol  
Concen: 148.934 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:330 Resp: 282461  
Ion Ratio Lower Upper  
330 100  
332 102.7 84.2 126.4  
141 30.6 26.8 40.2



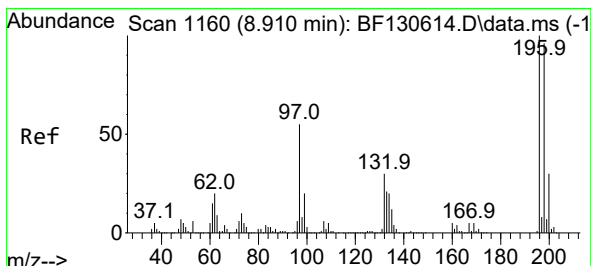
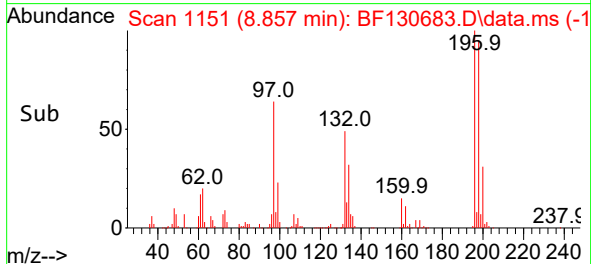
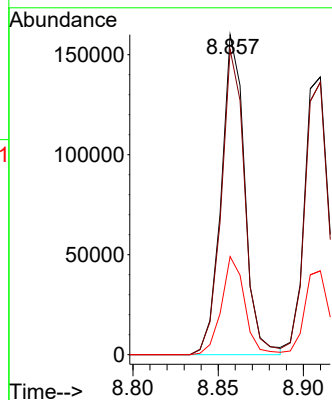
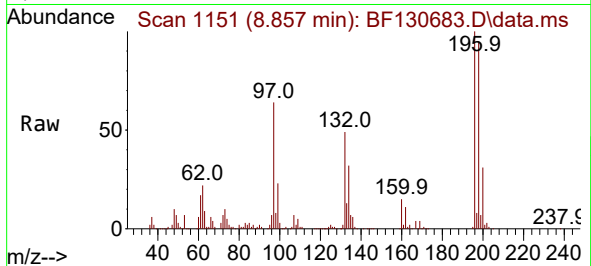




#43  
2,4,6-Trichlorophenol  
Concen: 43.445 ng  
RT: 8.857 min Scan# 1151  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

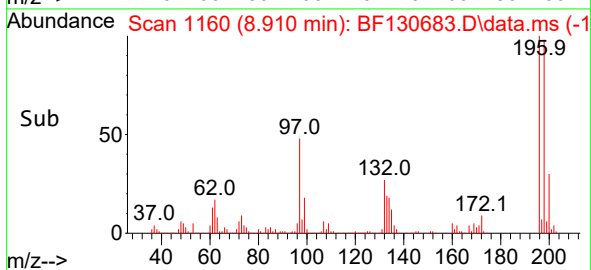
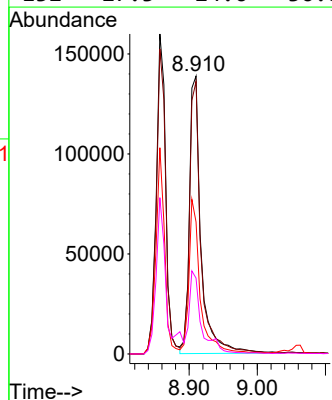
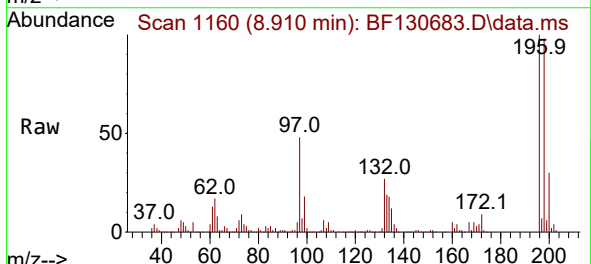
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

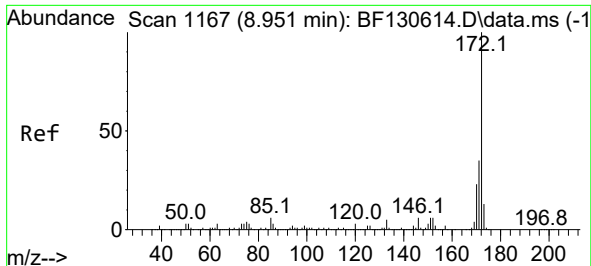
Tgt Ion:196 Resp: 153400  
Ion Ratio Lower Upper  
196 100  
198 95.4 76.6 115.0  
200 30.7 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 42.029 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:196 Resp: 163198  
Ion Ratio Lower Upper  
196 100  
198 98.1 76.6 114.8  
97 47.5 44.3 66.5  
132 27.3 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 83.726 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

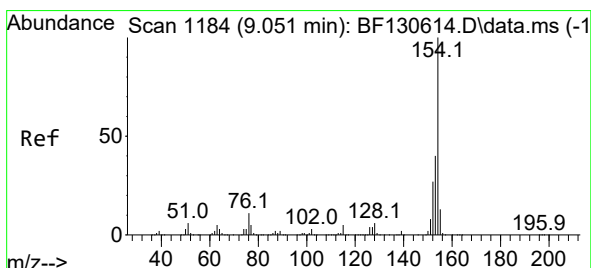
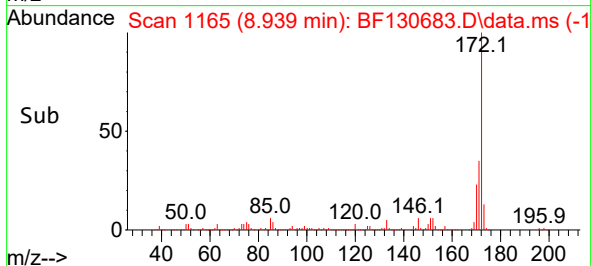
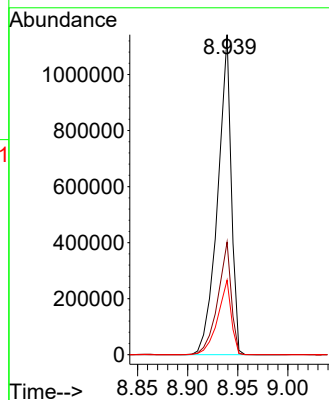
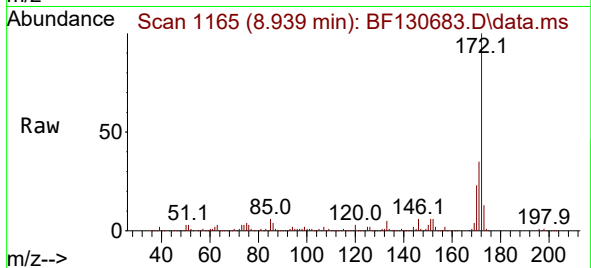
Tgt Ion:172 Resp: 1071342

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.658 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

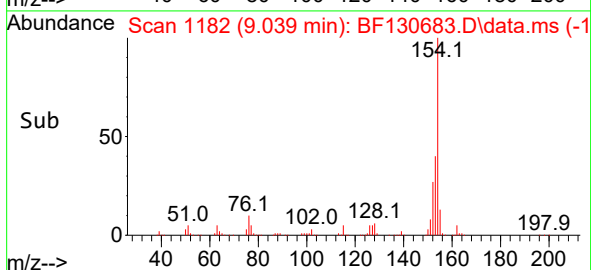
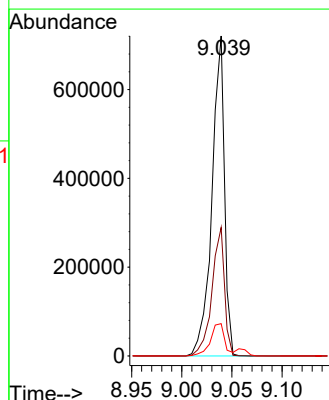
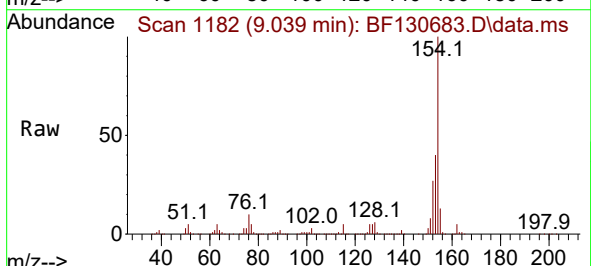
Tgt Ion:154 Resp: 627293

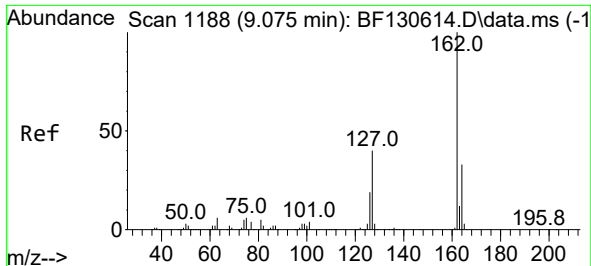
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 10.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.750 ng

RT: 9.063 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

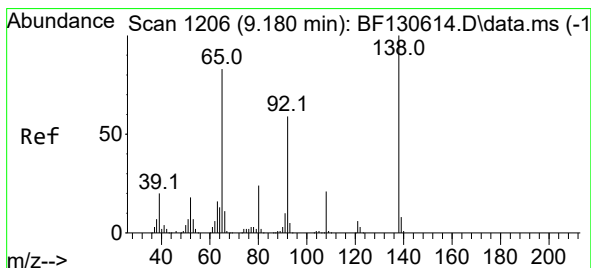
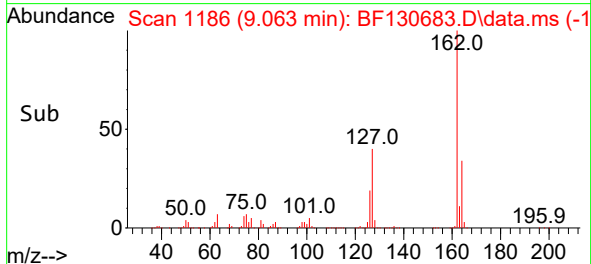
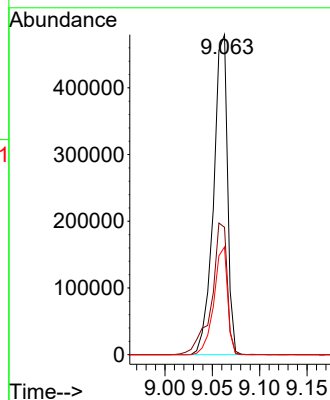
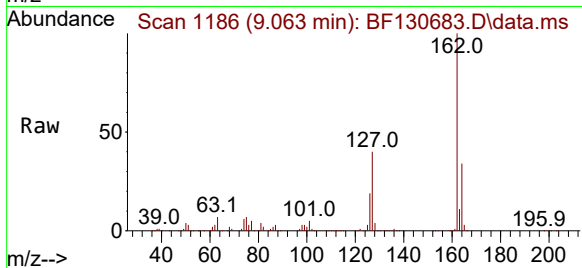
Tgt Ion:162 Resp: 490784

Ion Ratio Lower Upper

162 100

127 39.8 32.6 49.0

164 33.7 26.3 39.5



#48

2-Nitroaniline

Concen: 41.716 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

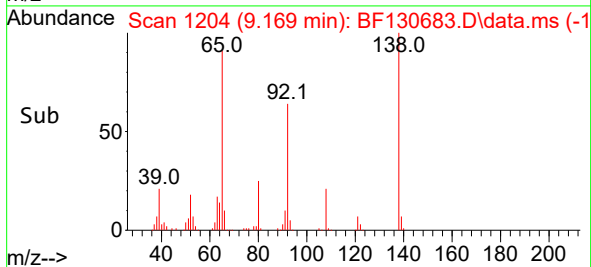
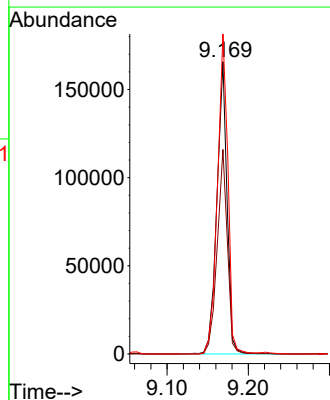
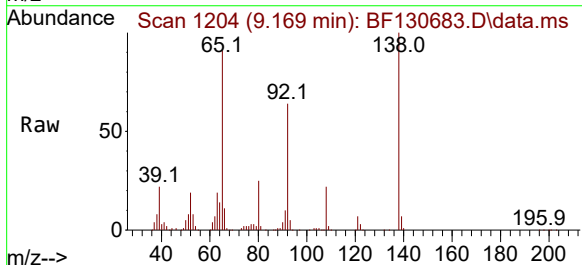
Tgt Ion: 65 Resp: 144164

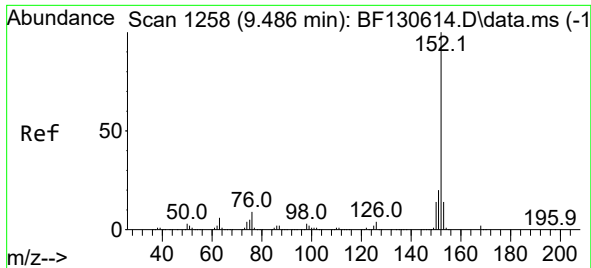
Ion Ratio Lower Upper

65 100

92 69.9 57.4 86.0

138 109.5 96.7 145.1

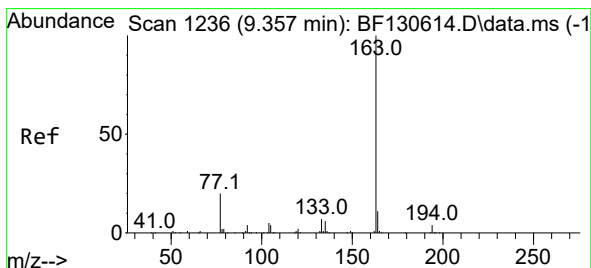
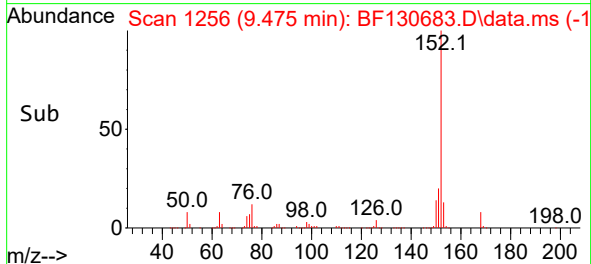
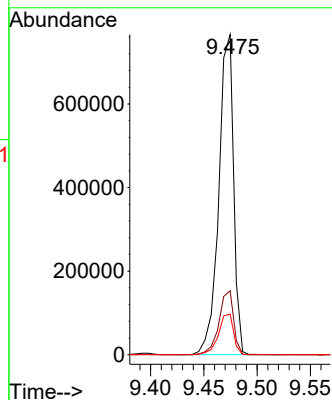
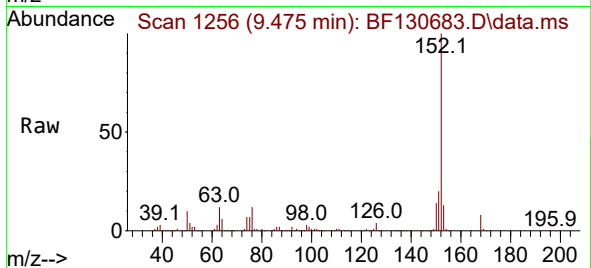




#49  
Acenaphthylene  
Concen: 42.895 ng  
RT: 9.475 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

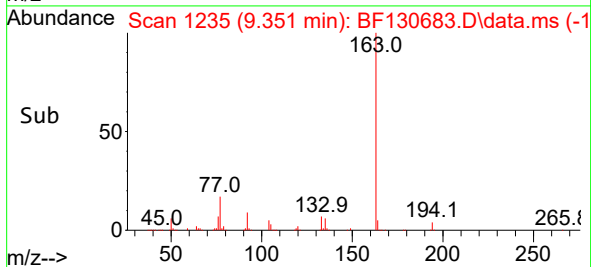
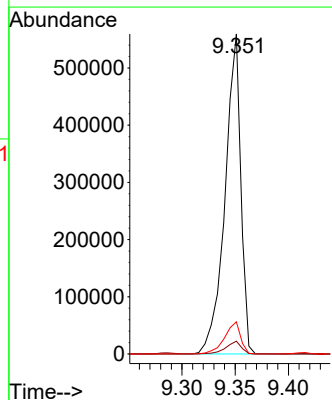
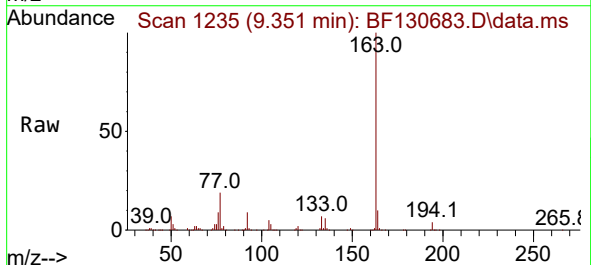
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

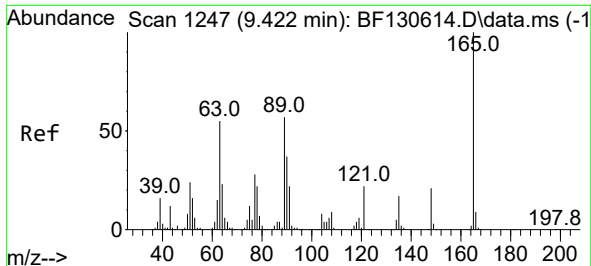
Tgt Ion:152 Resp: 737866  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2  
153 12.7 10.8 16.2



#50  
Dimethylphthalate  
Concen: 42.939 ng  
RT: 9.351 min Scan# 1235  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:163 Resp: 576116  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.6  
164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 43.955 ng

RT: 9.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

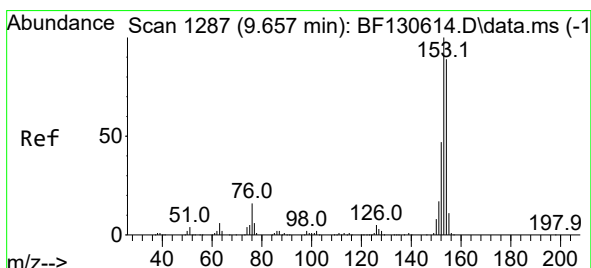
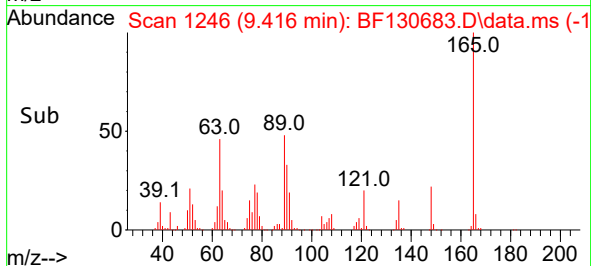
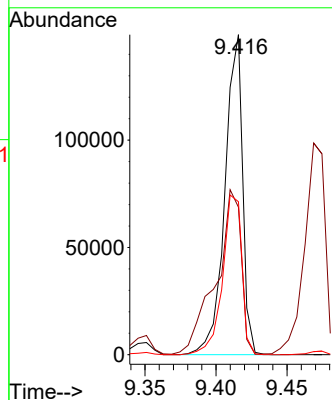
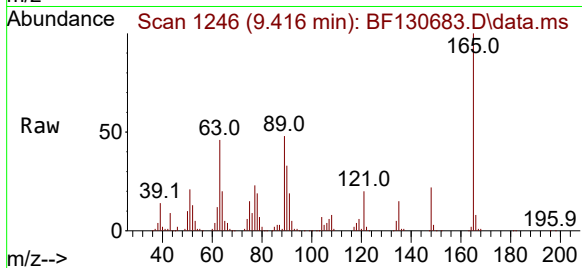
Tgt Ion:165 Resp: 129366

Ion Ratio Lower Upper

165 100

63 46.1 45.3 67.9

89 47.8 45.6 68.4



#52

Acenaphthene

Concen: 42.361 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

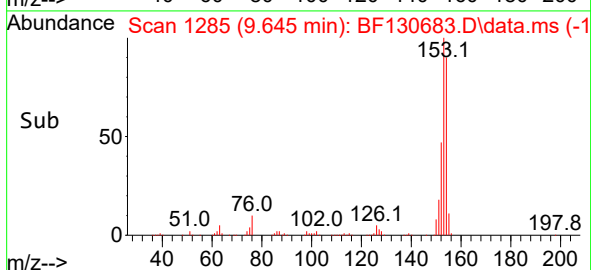
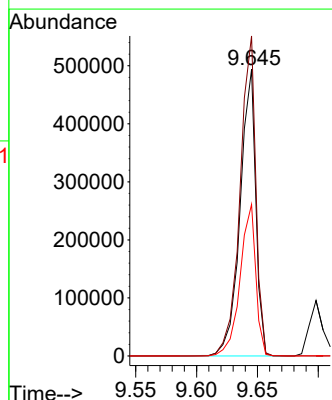
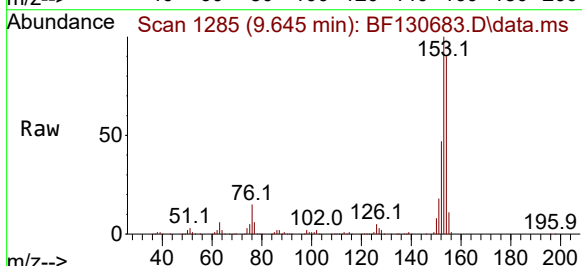
Tgt Ion:154 Resp: 441477

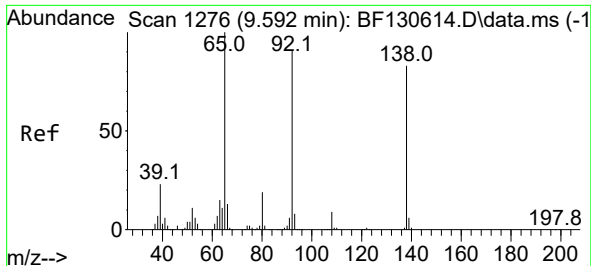
Ion Ratio Lower Upper

154 100

153 111.7 89.6 134.4

152 52.9 42.4 63.6

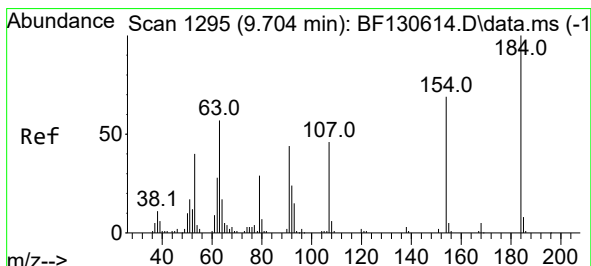
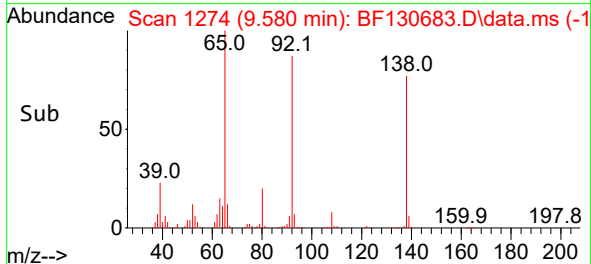
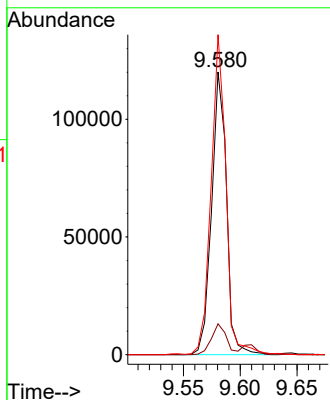
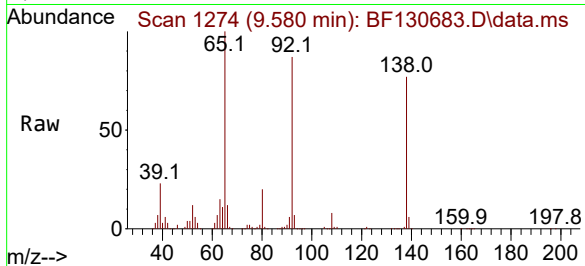




#53  
3-Nitroaniline  
Concen: 33.961 ng  
RT: 9.580 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

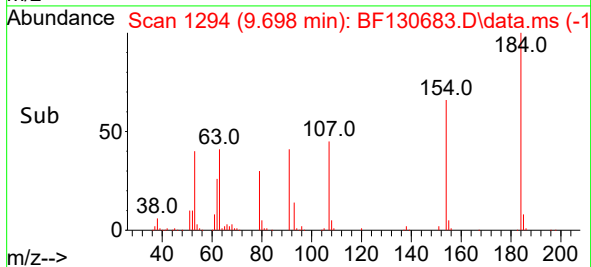
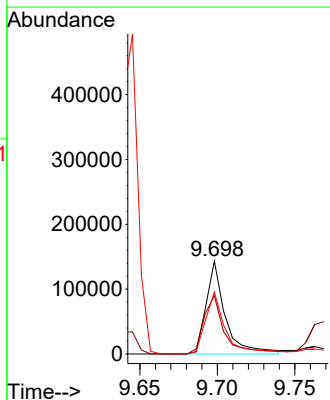
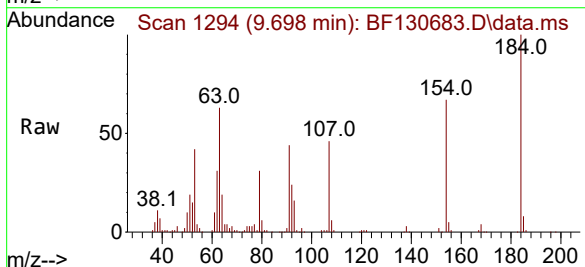
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

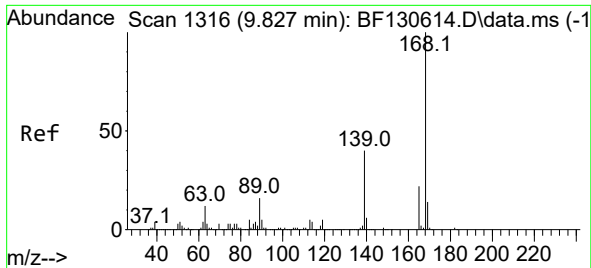
Tgt Ion:138 Resp: 109564  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.4 12.6  
92 113.2 88.2 132.4



#54  
2,4-Dinitrophenol  
Concen: 82.099 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:184 Resp: 123334  
Ion Ratio Lower Upper  
184 100  
63 62.6 45.5 68.3  
154 66.6 55.1 82.7

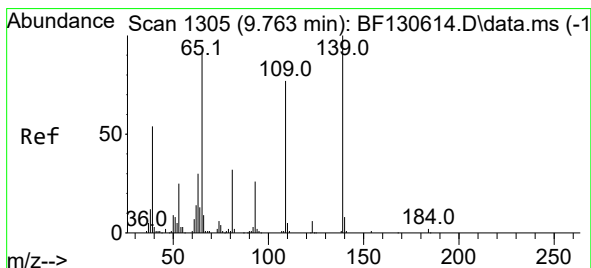
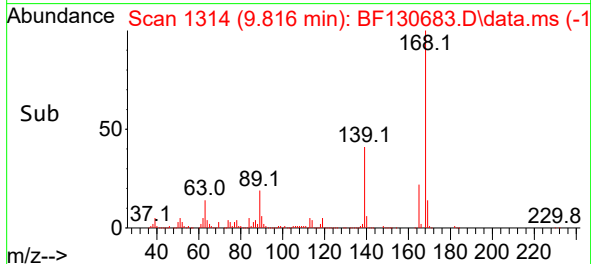
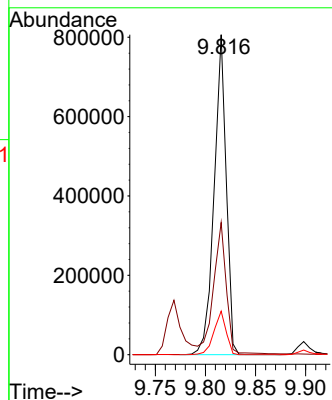
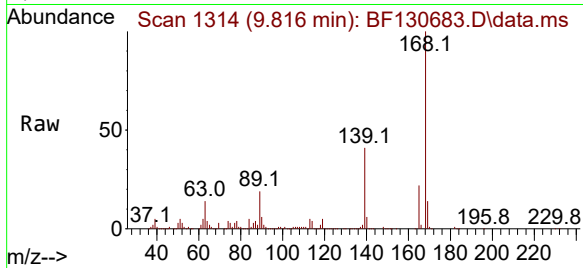




#55  
Dibenzenofuran  
Concen: 42.502 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

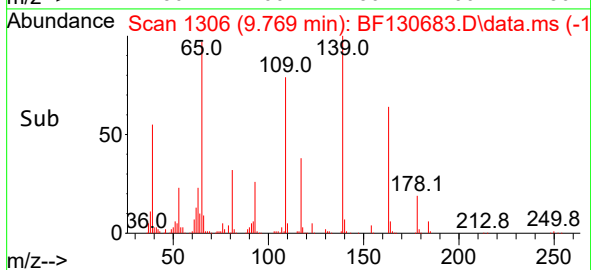
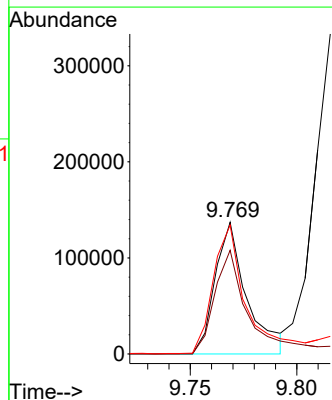
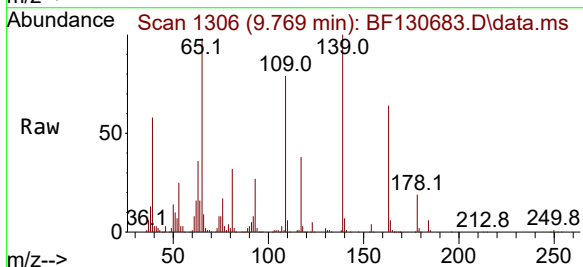
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

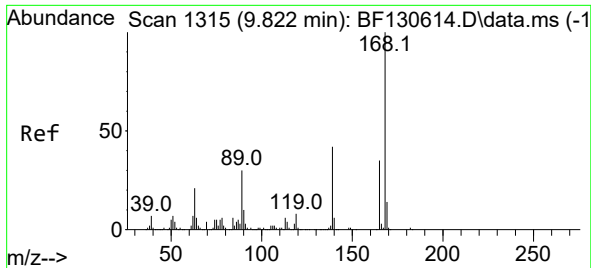
Tgt Ion:168 Resp: 674784  
Ion Ratio Lower Upper  
168 100  
139 41.3 33.0 49.4  
169 13.6 10.9 16.3



#56  
4-Nitrophenol  
Concen: 79.897 ng  
RT: 9.769 min Scan# 1306  
Delta R.T. 0.012 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:139 Resp: 142121  
Ion Ratio Lower Upper  
139 100  
109 78.8 57.4 97.4  
65 97.9 71.3 111.3

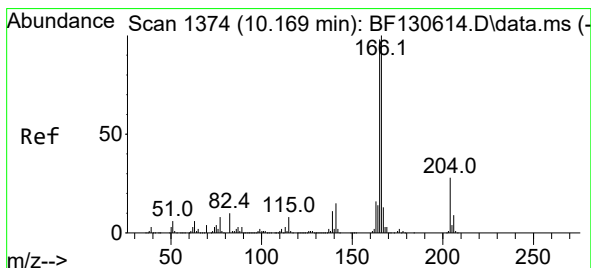
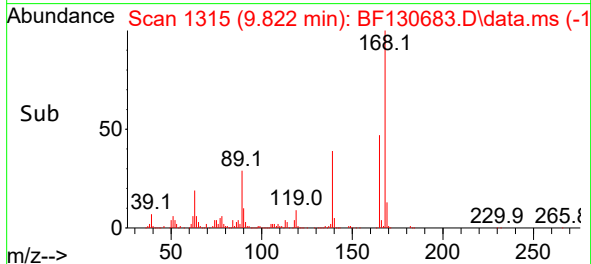
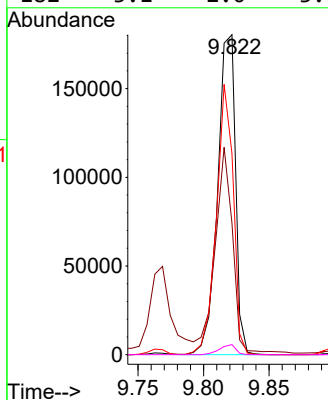
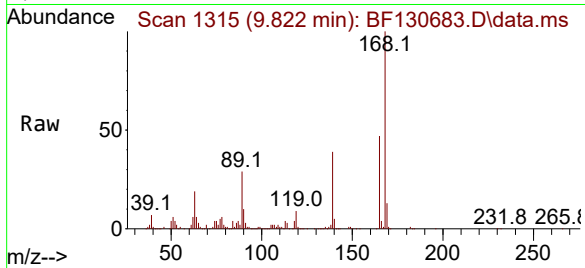




#57  
2,4-Dinitrotoluene  
Concen: 45.339 ng  
RT: 9.822 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

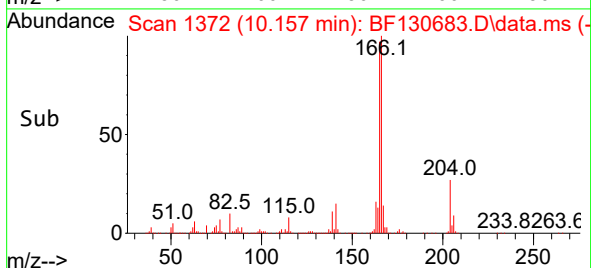
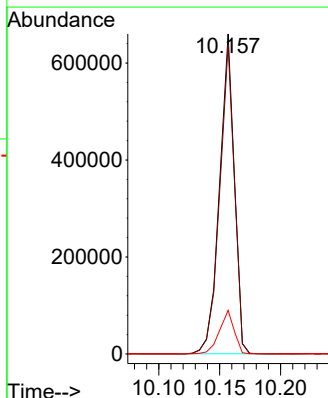
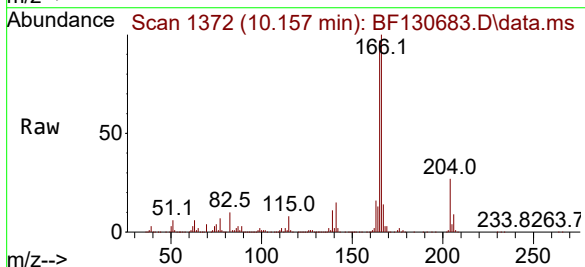
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

Tgt Ion:165 Resp: 171496  
Ion Ratio Lower Upper  
165 100  
63 41.1 50.6 76.0#  
89 62.9 68.6 102.8#  
182 3.1 2.0 3.0#

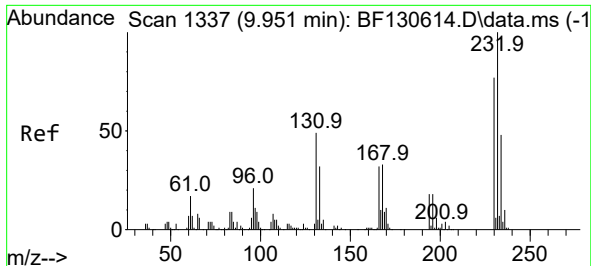


#58  
Fluorene  
Concen: 42.844 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:166 Resp: 559217  
Ion Ratio Lower Upper  
166 100  
165 96.6 78.2 117.4  
167 13.6 10.8 16.2







#59

2,3,4,6-Tetrachlorophenol

Concen: 44.022 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

Tgt Ion:232 Resp: 136279

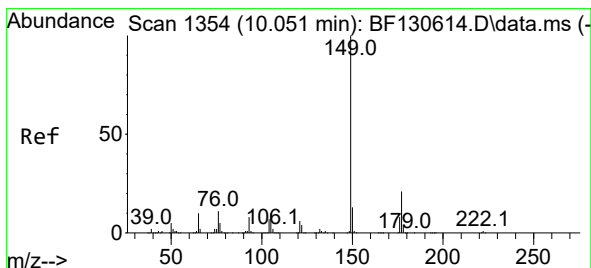
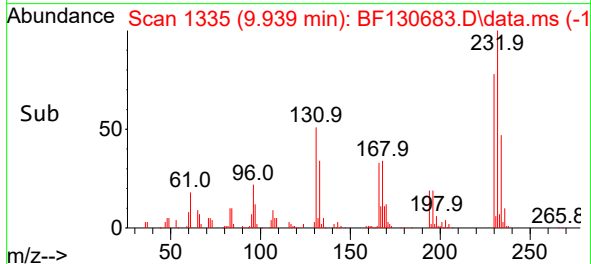
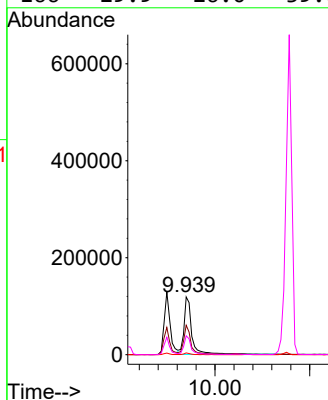
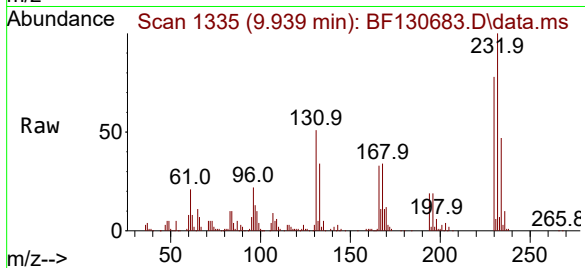
Ion Ratio Lower Upper

232 100

131 47.6 41.4 62.0

130 2.6 2.1 3.1

166 29.9 26.0 39.0



#60

Diethylphthalate

Concen: 41.887 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

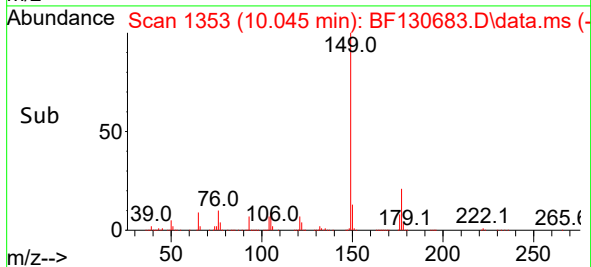
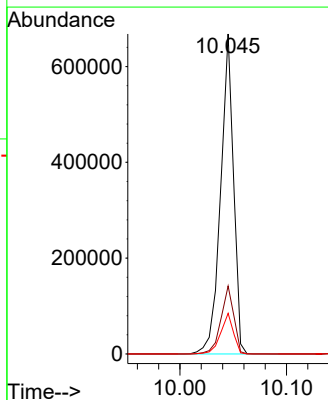
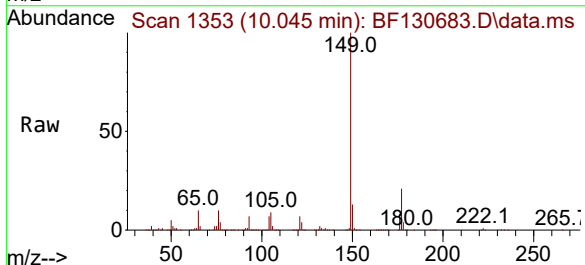
Tgt Ion:149 Resp: 560734

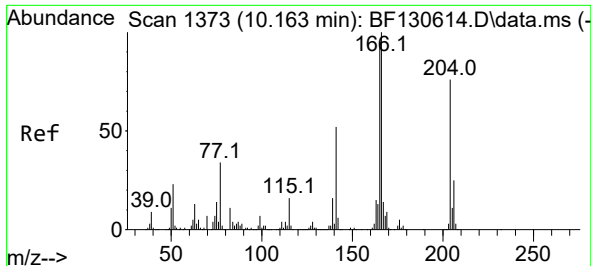
Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

150 12.7 10.5 15.7

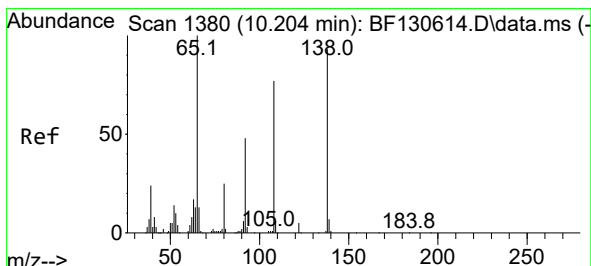
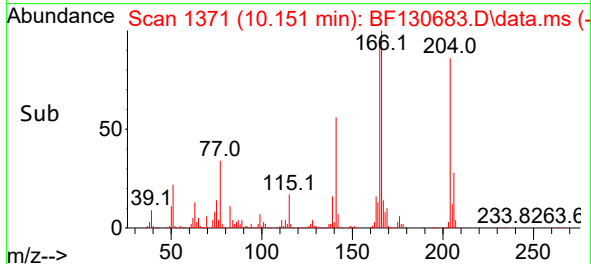
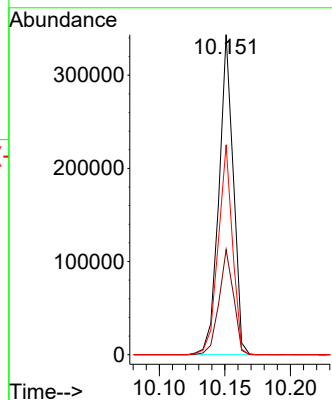
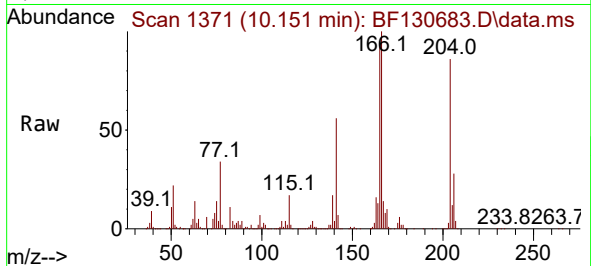




#61  
4-Chlorophenyl-phenylether  
Concen: 44.247 ng  
RT: 10.151 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

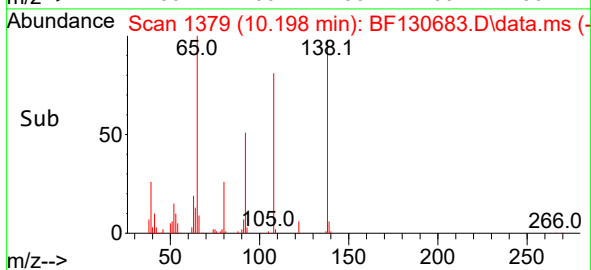
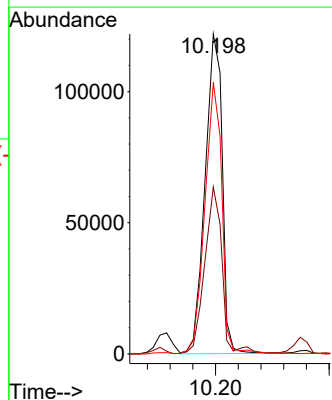
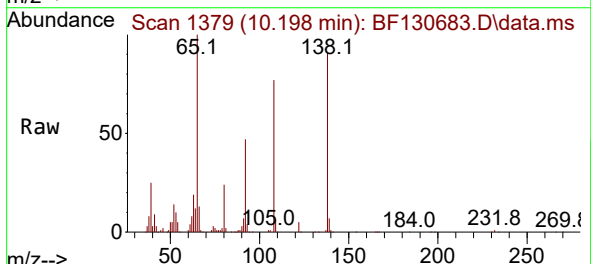
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

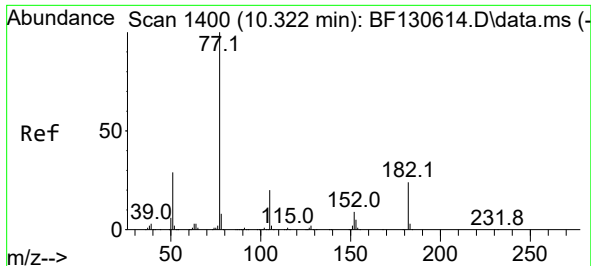
Tgt Ion:204 Resp: 261105  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.1 39.1  
141 65.6 54.6 81.8



#62  
4-Nitroaniline  
Concen: 41.378 ng  
RT: 10.198 min Scan# 1379  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:138 Resp: 127451  
Ion Ratio Lower Upper  
138 100  
92 52.2 31.1 71.1  
108 84.9 62.1 102.1

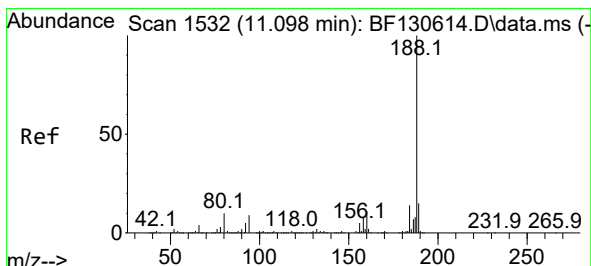
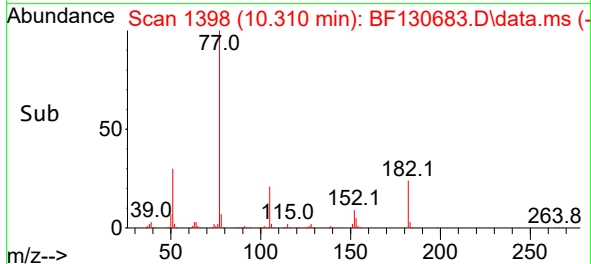
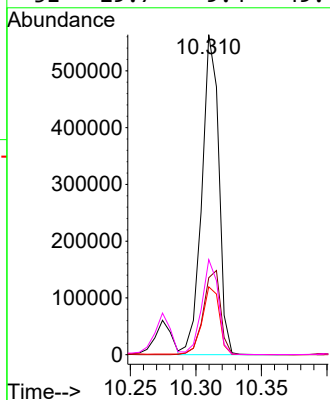
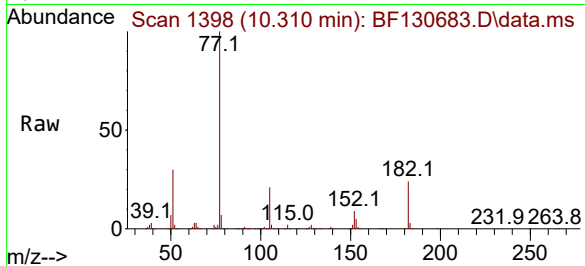




#63  
Azobenzene  
Concen: 40.223 ng  
RT: 10.310 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

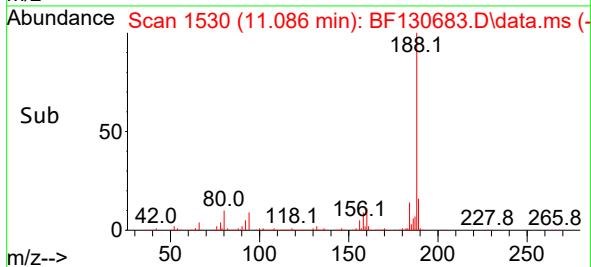
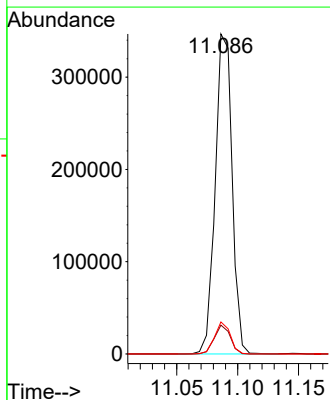
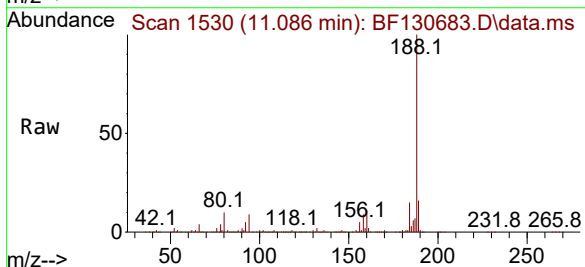
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

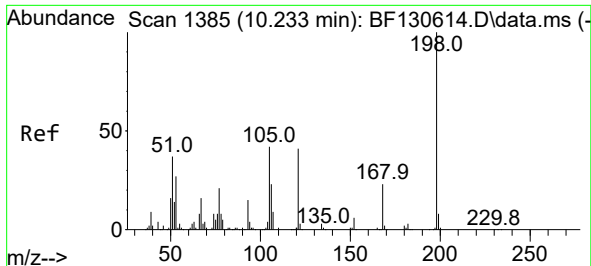
Tgt Ion: 77 Resp: 507150  
Ion Ratio Lower Upper  
77 100  
182 24.0 3.8 43.8  
105 21.2 0.3 40.3  
51 29.7 9.4 49.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.086 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion: 188 Resp: 334952  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.4 11.2  
80 10.0 8.0 12.0

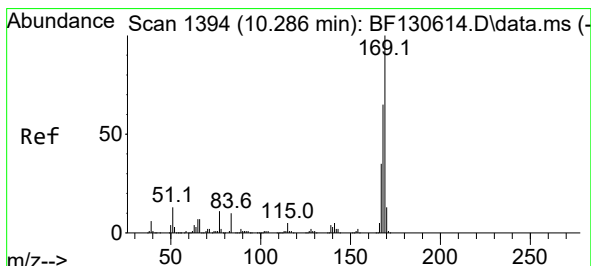
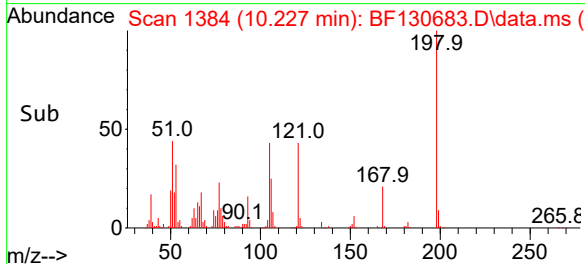
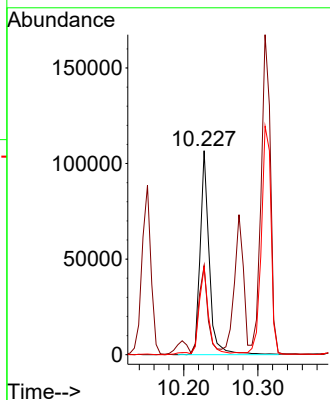
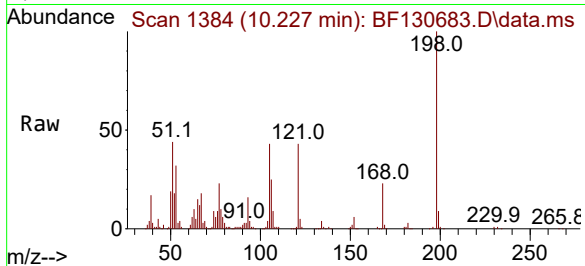




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.250 ng  
RT: 10.227 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

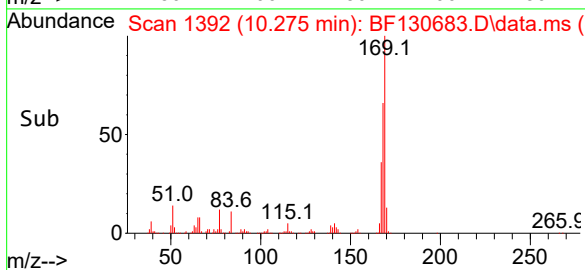
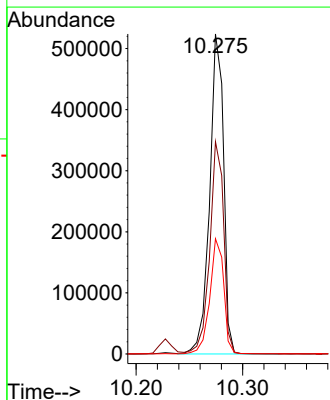
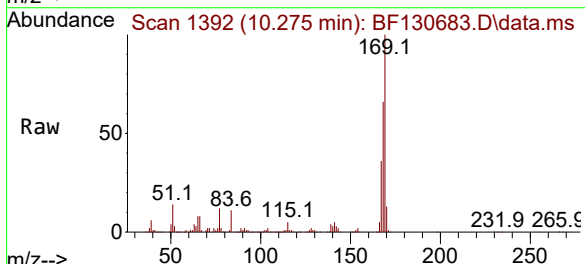
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

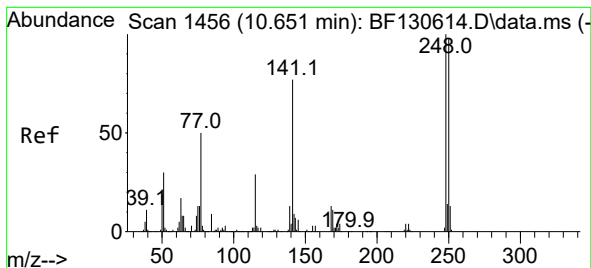
Tgt Ion:198 Resp: 90531  
Ion Ratio Lower Upper  
198 100  
51 43.6 18.7 58.7  
105 43.0 22.0 62.0



#66  
n-Nitrosodiphenylamine  
Concen: 42.718 ng  
RT: 10.275 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:169 Resp: 475956  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.2 78.4  
167 36.0 28.3 42.5

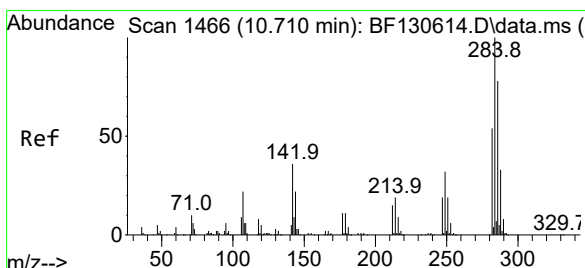
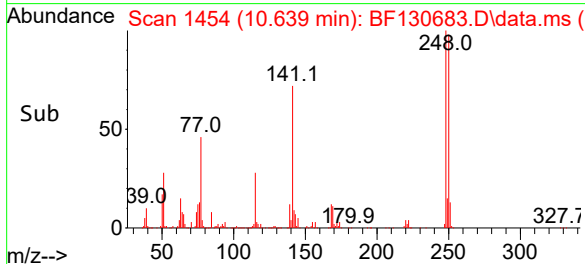
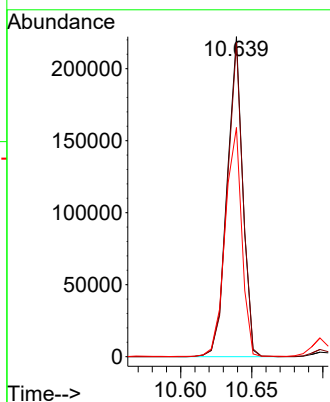
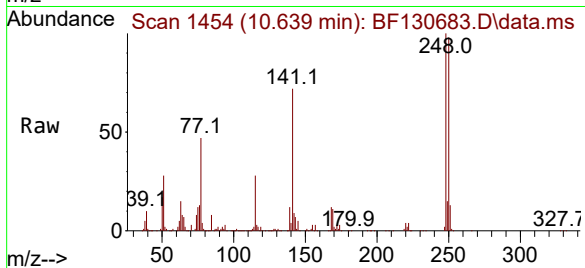




#67  
4-Bromophenyl-phenylether  
Concen: 44.873 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

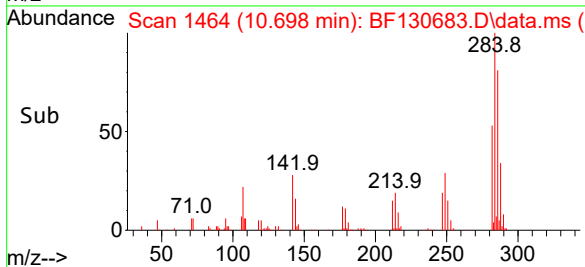
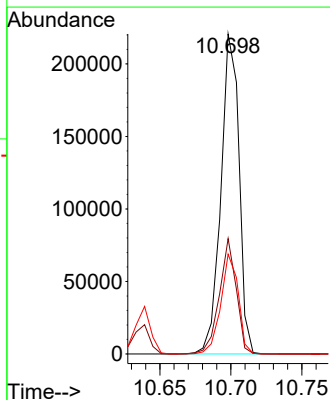
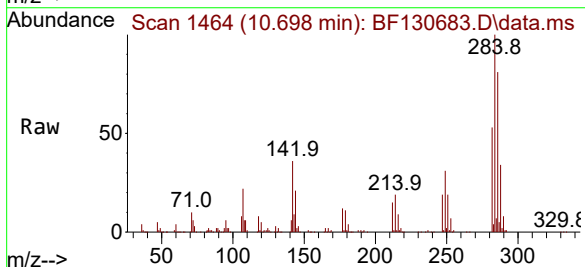
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

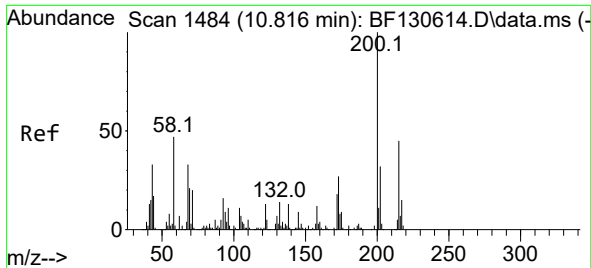
Tgt Ion:248 Resp: 170066  
Ion Ratio Lower Upper  
248 100  
250 98.2 78.7 118.1  
141 71.6 61.6 92.4



#68  
Hexachlorobenzene  
Concen: 45.665 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:284 Resp: 195642  
Ion Ratio Lower Upper  
284 100  
142 36.0 28.6 42.8  
249 31.2 25.2 37.8





#69

Atrazine

Concen: 49.485 ng

RT: 10.810 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

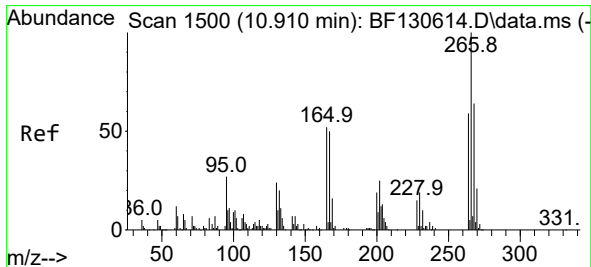
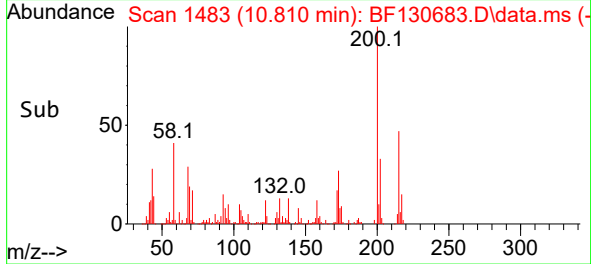
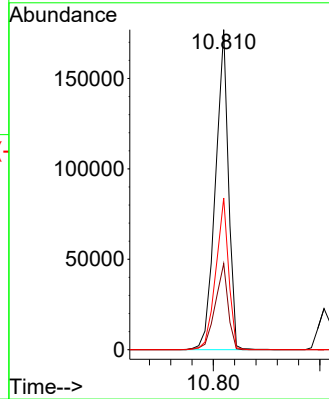
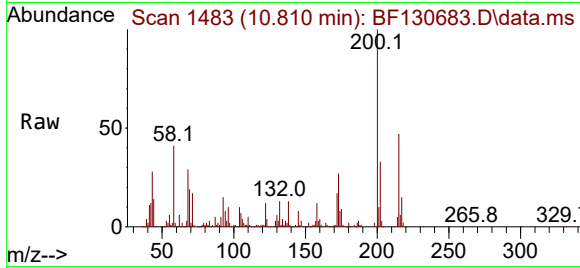
Tgt Ion:200 Resp: 150137

Ion Ratio Lower Upper

200 100

173 26.9 7.1 47.1

215 47.4 24.9 64.9



#70

Pentachlorophenol

Concen: 90.281 ng

RT: 10.904 min Scan# 1499

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

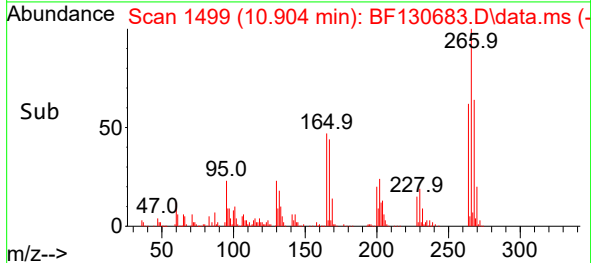
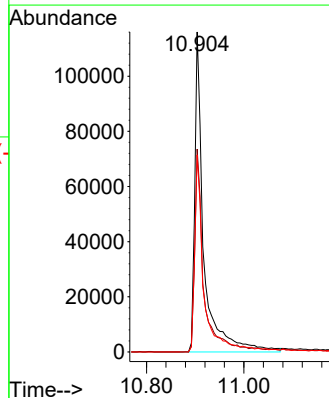
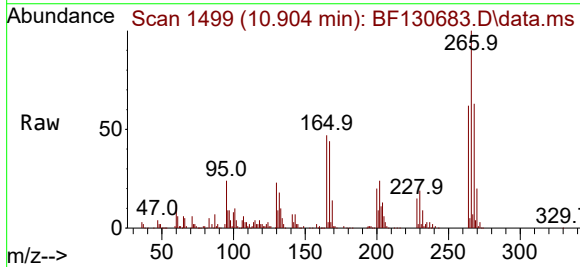
Tgt Ion:266 Resp: 150537

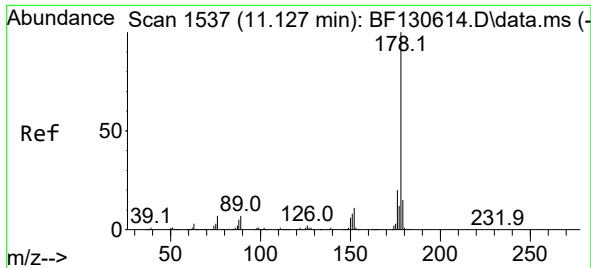
Ion Ratio Lower Upper

266 100

268 63.4 50.8 76.2

264 61.6 47.5 71.3

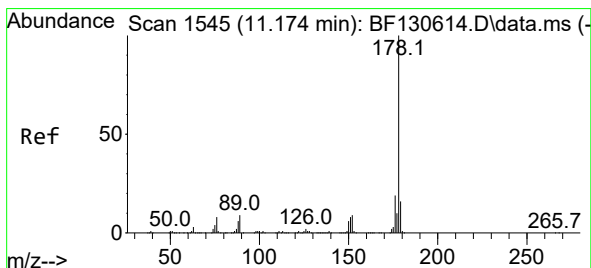
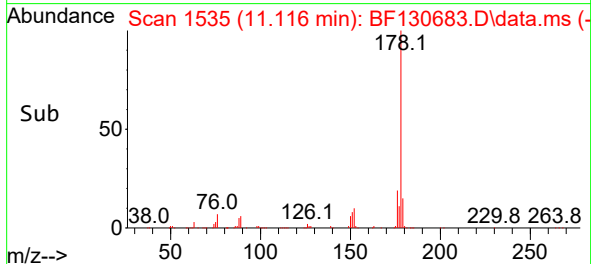
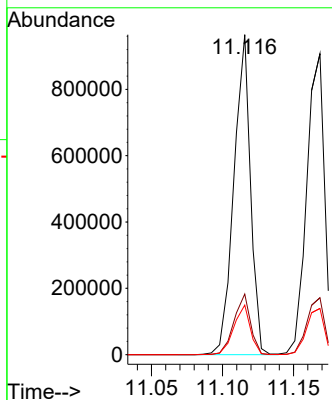
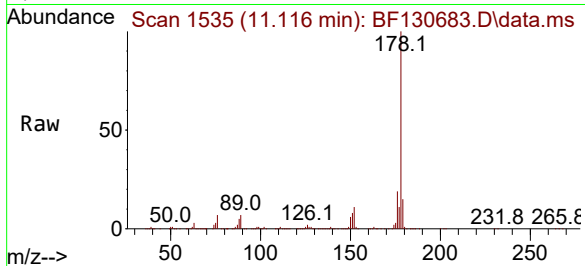




#71  
Phenanthrene  
Concen: 42.360 ng  
RT: 11.116 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

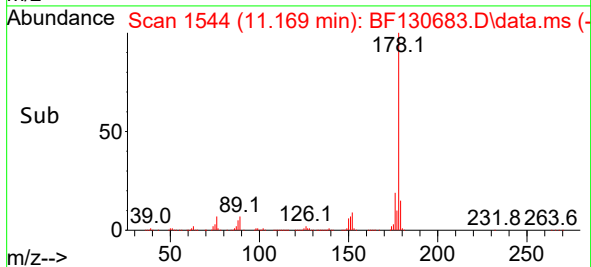
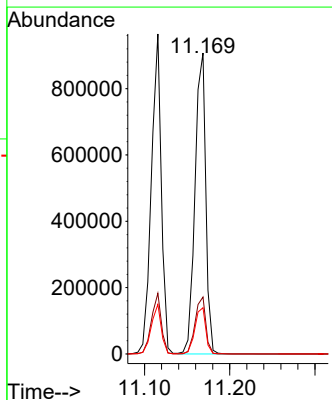
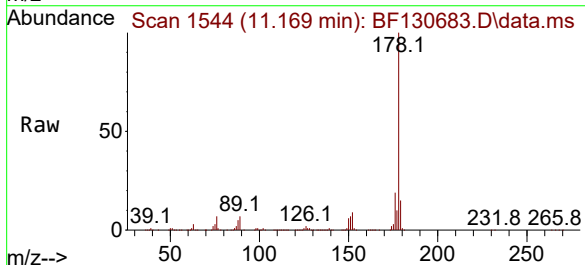
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

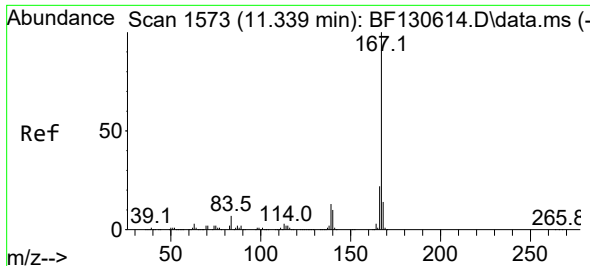
Tgt Ion:178 Resp: 786100  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.7 23.5  
179 15.5 12.2 18.4



#72  
Anthracene  
Concen: 44.006 ng  
RT: 11.169 min Scan# 1544  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:178 Resp: 797561  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.4 12.5 18.7

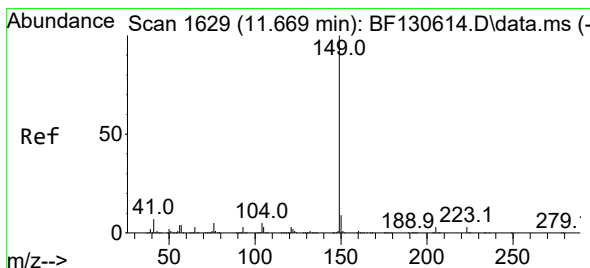
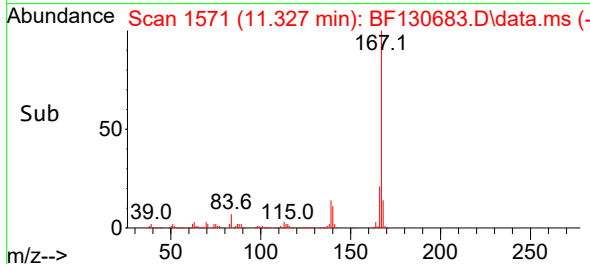
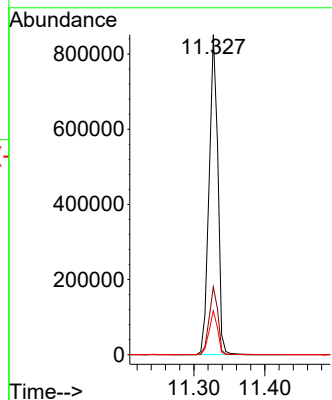
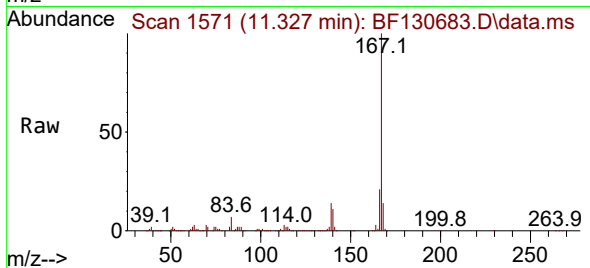




#73  
Carbazole  
Concen: 45.087 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

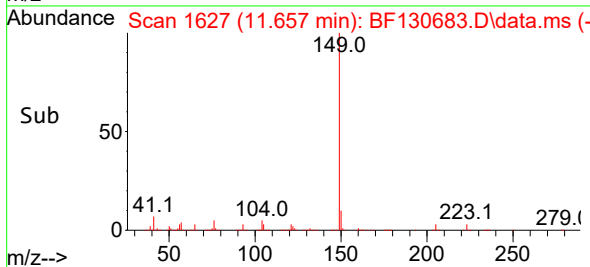
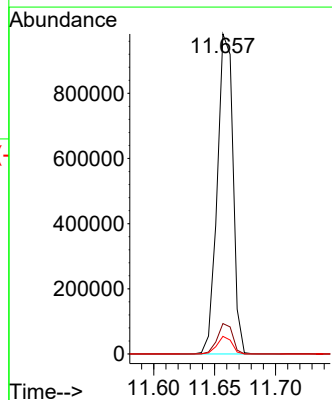
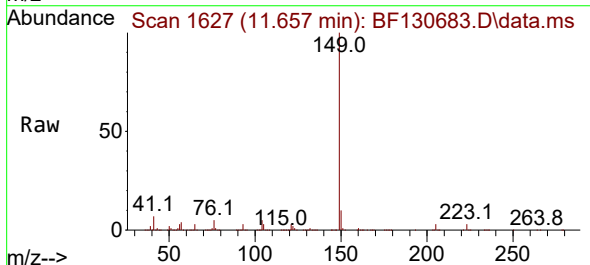
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

Tgt Ion:167 Resp: 729167  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.3 25.9  
139 13.7 10.7 16.1

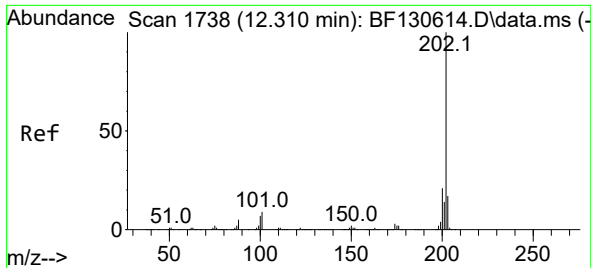


#74  
Di-n-butylphthalate  
Concen: 45.055 ng  
RT: 11.657 min Scan# 1627  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:149 Resp: 882627  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.5 11.3  
104 5.5 4.2 6.2



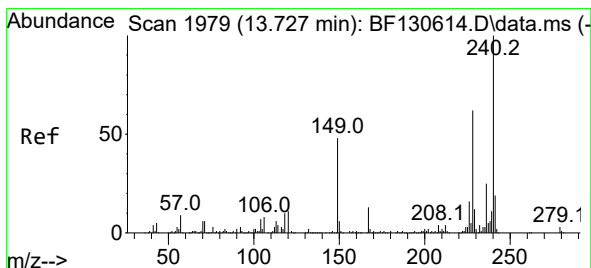
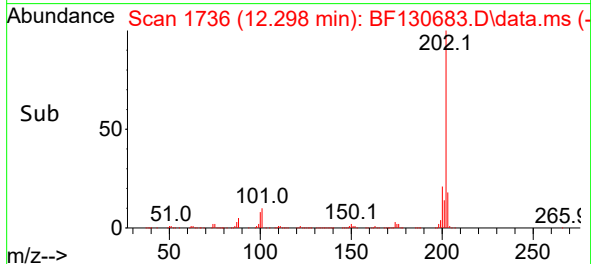
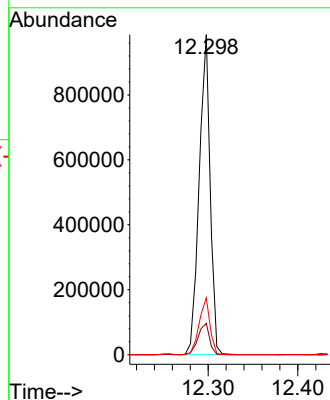
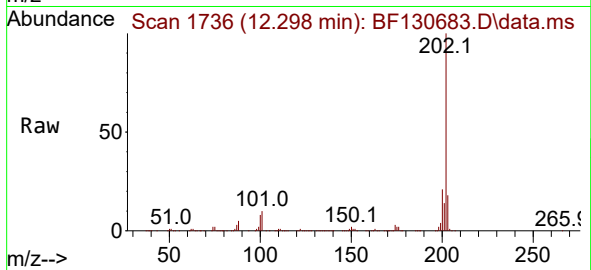




#75  
Fluoranthene  
Concen: 46.758 ng  
RT: 12.298 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

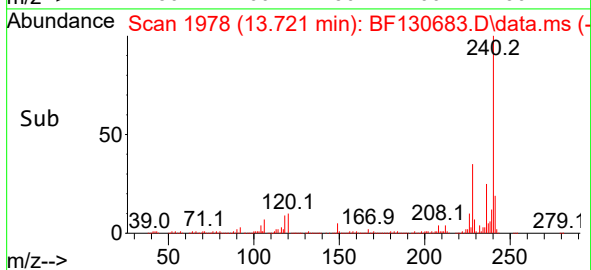
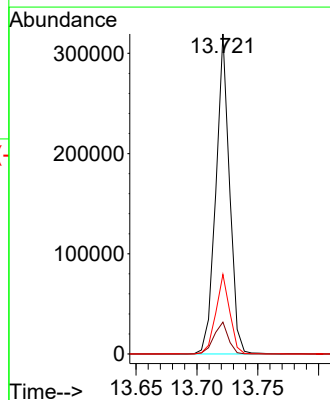
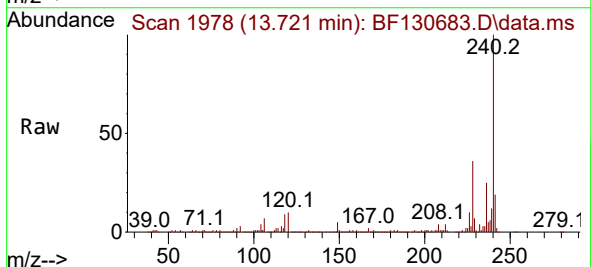
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

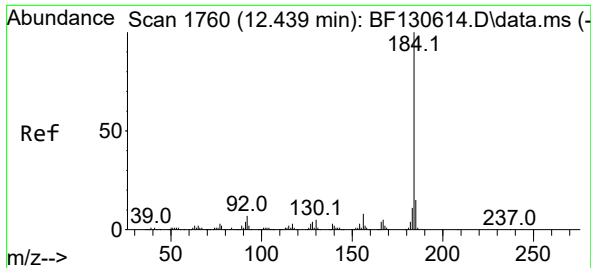
Tgt Ion:202 Resp: 833967  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 29.1  
203 17.7 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.721 min Scan# 1978  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:240 Resp: 248870  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.6 13.0  
236 24.8 20.2 30.4

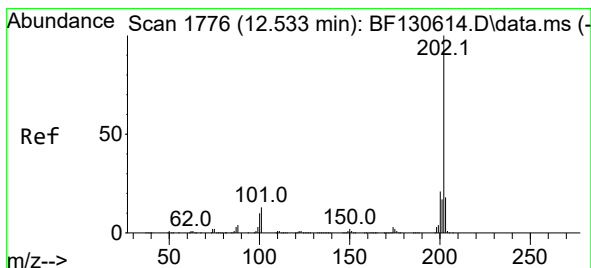
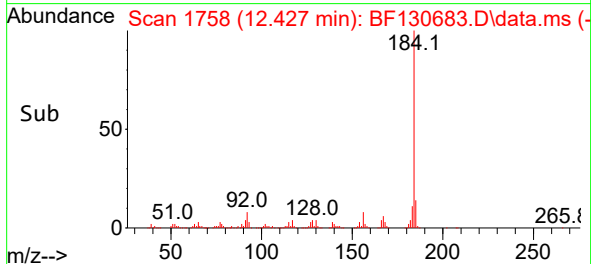
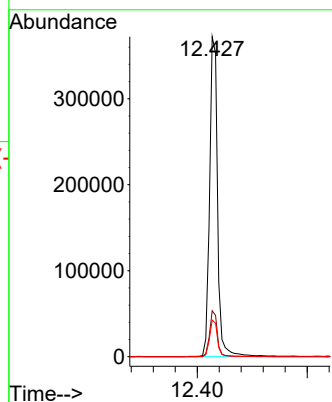
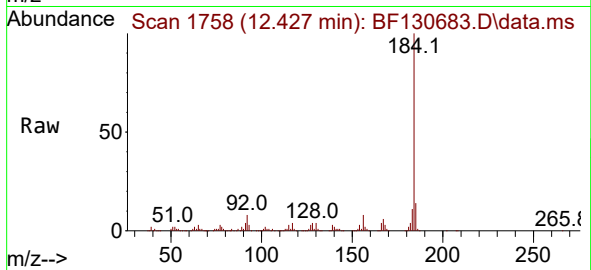




#77  
Benzidine  
Concen: 59.008 ng  
RT: 12.427 min Scan# 1758  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

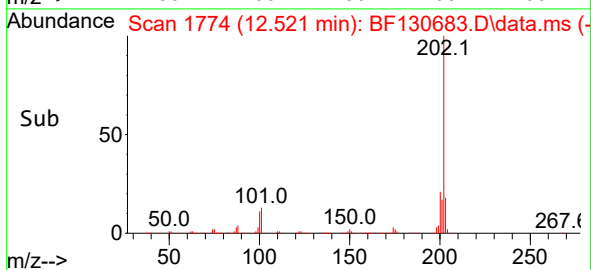
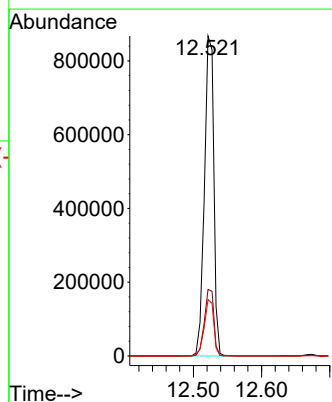
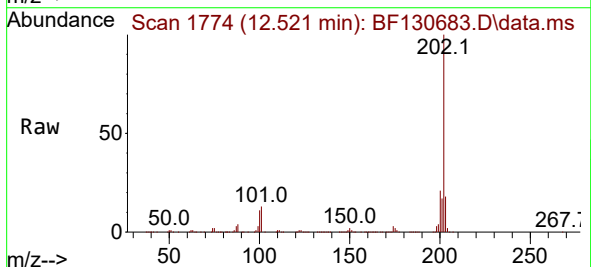
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

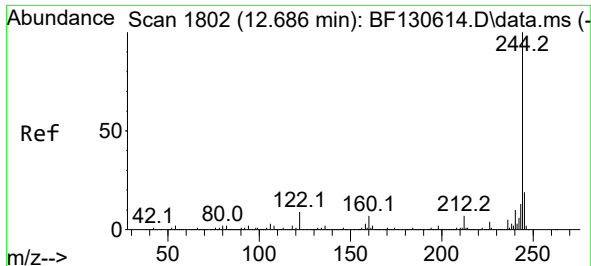
Tgt Ion:184 Resp: 371191  
Ion Ratio Lower Upper  
184 100  
185 14.3 12.0 18.0  
183 11.5 9.0 13.4



#78  
Pyrene  
Concen: 38.793 ng  
RT: 12.521 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:202 Resp: 832883  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.7 25.1  
203 17.6 14.0 21.0

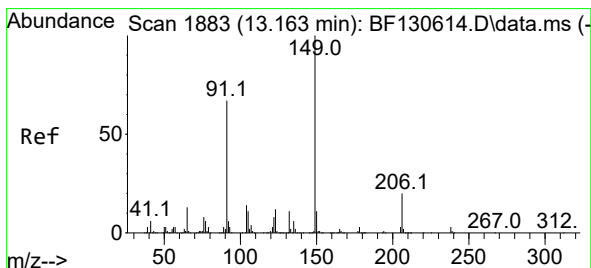
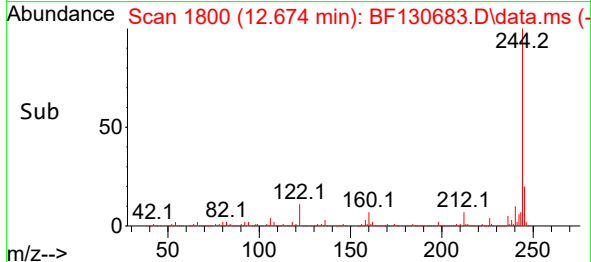
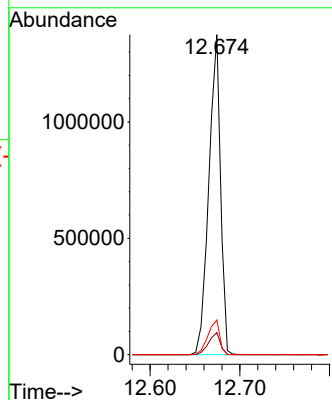
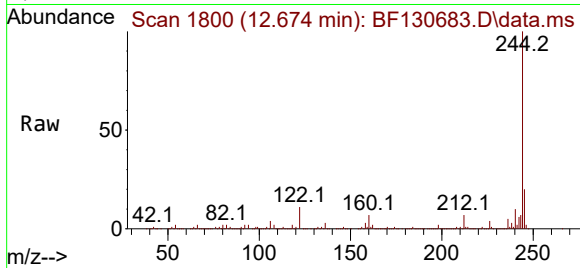




#79  
 Terphenyl-d14  
 Concen: 83.078 ng  
 RT: 12.674 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: BF130683.D  
 Acq: 17 Oct 2022 13:09

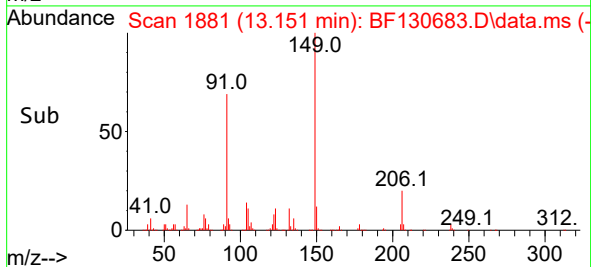
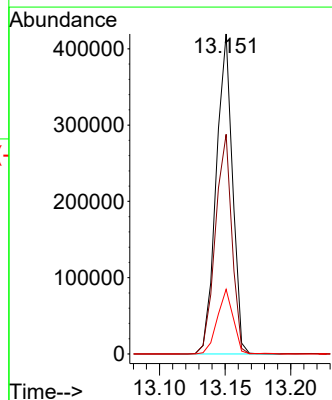
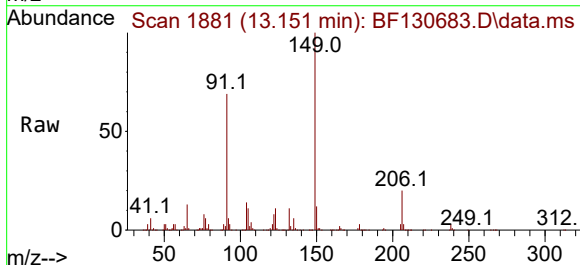
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148341BS

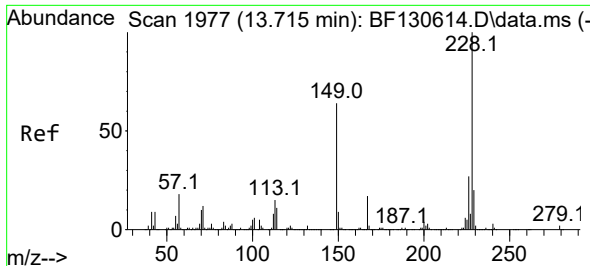
Tgt Ion:244 Resp: 1245722  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.0  
 122 10.8 7.5 11.3



#80  
 Butylbenzylphthalate  
 Concen: 43.846 ng  
 RT: 13.151 min Scan# 1881  
 Delta R.T. -0.000 min  
 Lab File: BF130683.D  
 Acq: 17 Oct 2022 13:09

Tgt Ion:149 Resp: 361987  
 Ion Ratio Lower Upper  
 149 100  
 91 68.6 53.8 80.8  
 206 20.2 15.8 23.6

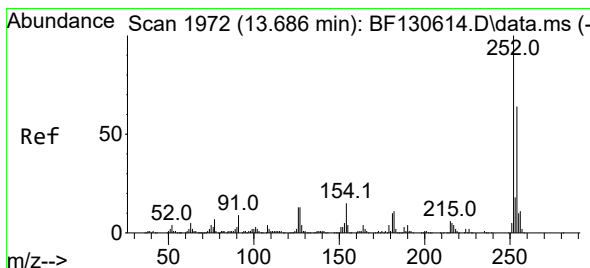
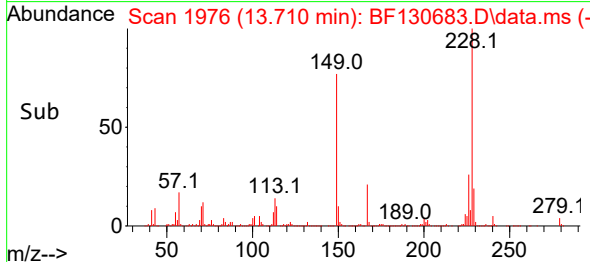
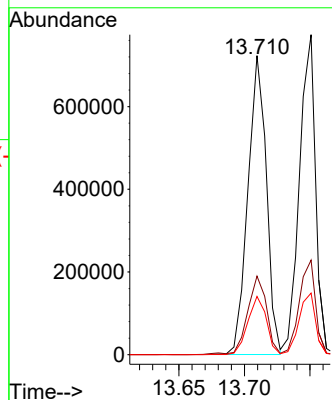
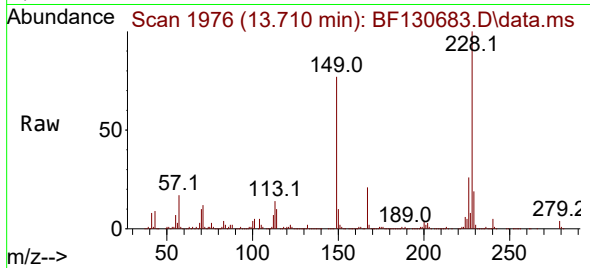




#81  
Benzo(a)anthracene  
Concen: 42.294 ng  
RT: 13.710 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

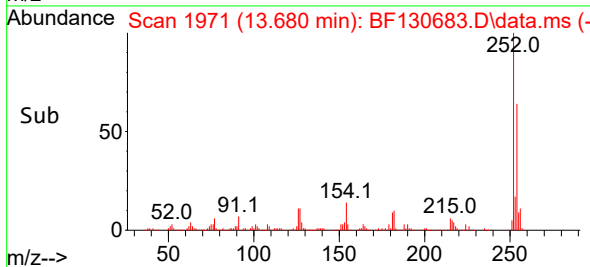
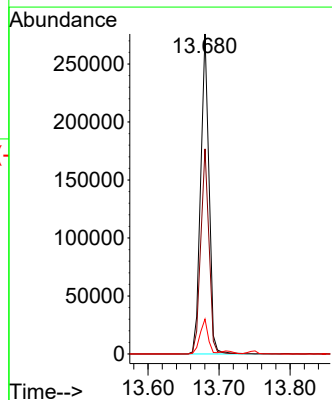
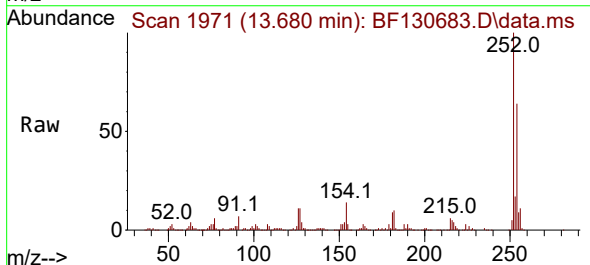
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

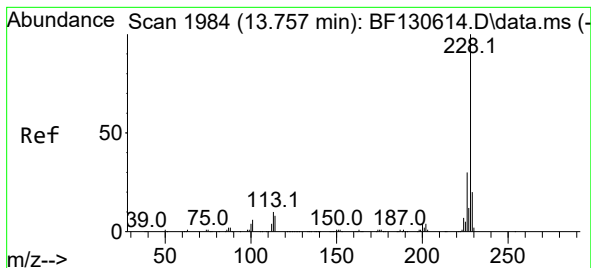
Tgt Ion:228 Resp: 709230  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.4 32.2  
229 19.5 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 46.697 ng  
RT: 13.680 min Scan# 1971  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:252 Resp: 226284  
Ion Ratio Lower Upper  
252 100  
254 64.1 50.9 76.3  
126 10.9 10.2 15.4





#83

Chrysene

Concen: 41.648 ng

RT: 13.751 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

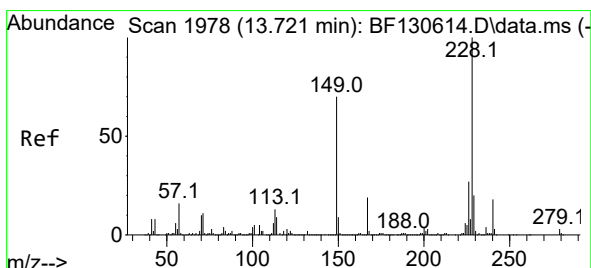
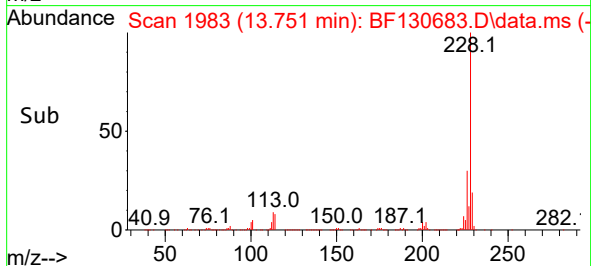
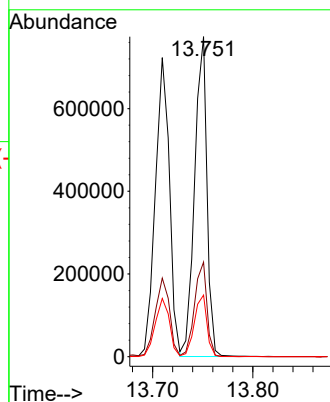
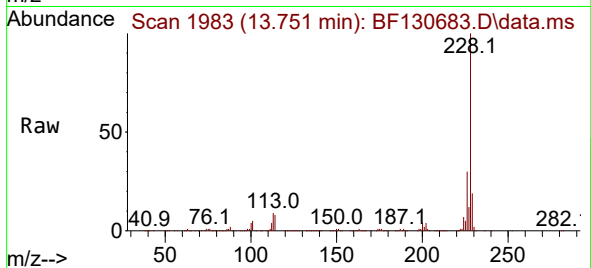
Tgt Ion:228 Resp: 662170

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.994 ng

RT: 13.710 min Scan# 1976

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

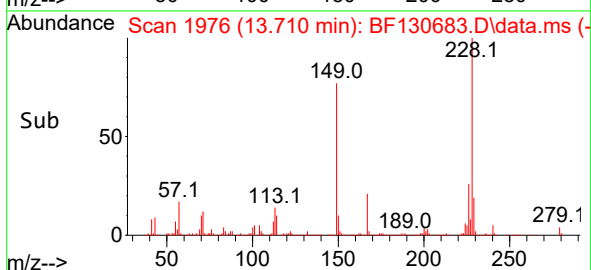
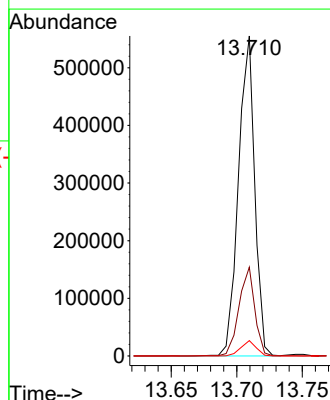
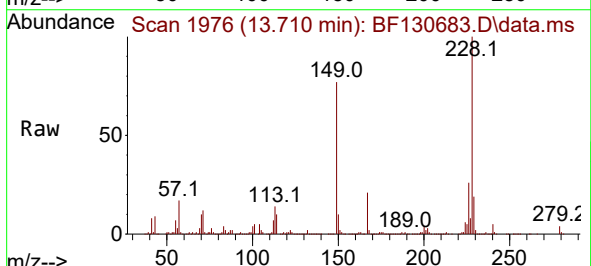
Tgt Ion:149 Resp: 480359

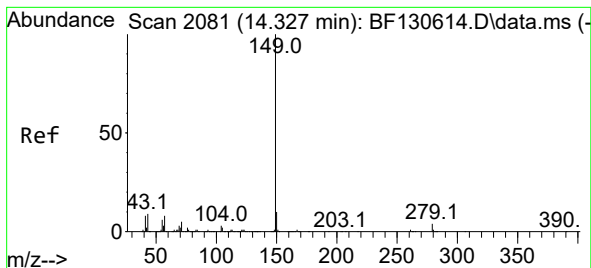
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 46.979 ng

RT: 14.315 min Scan# 2081

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

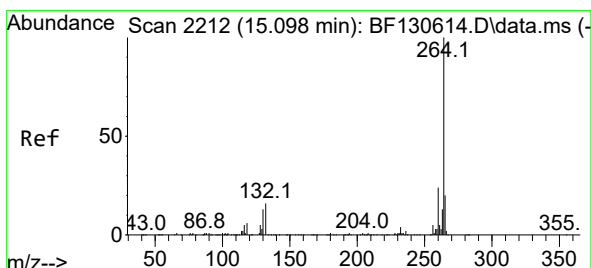
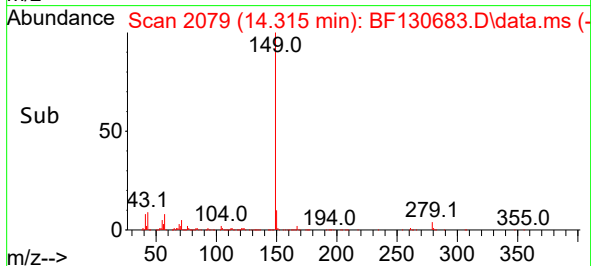
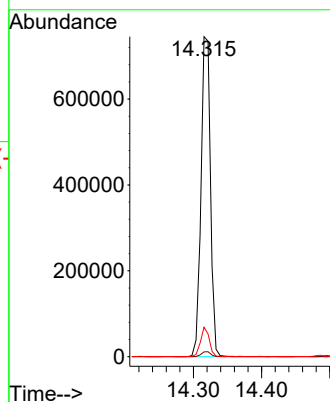
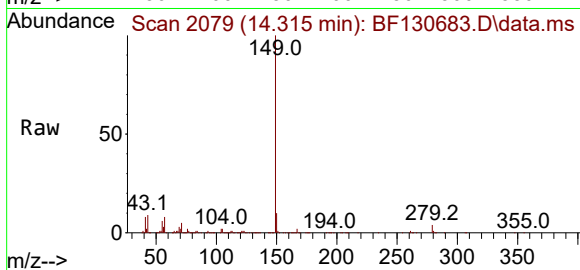
Tgt Ion:149 Resp: 720119

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

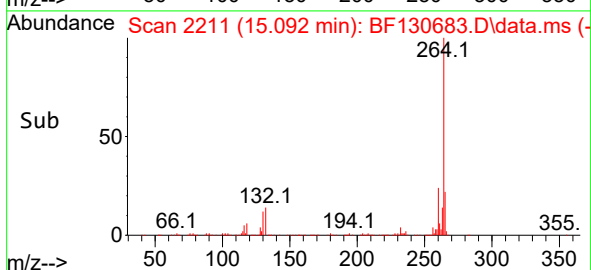
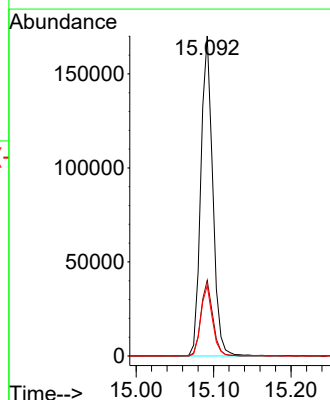
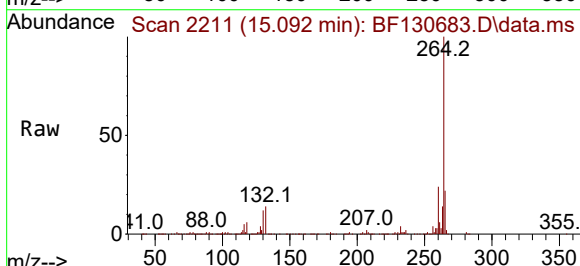
Tgt Ion:264 Resp: 181383

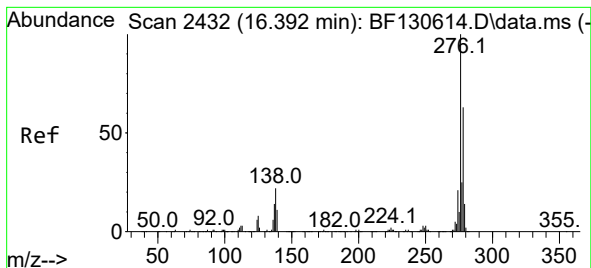
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.0 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.836 ng

RT: 16.386 min Scan# 2432

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB148341BS

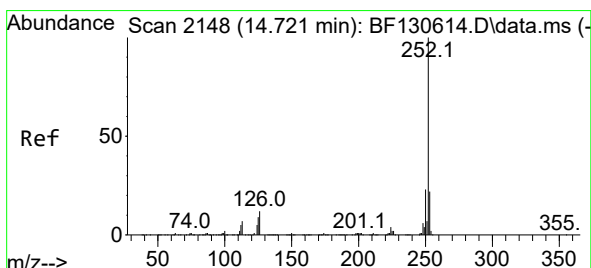
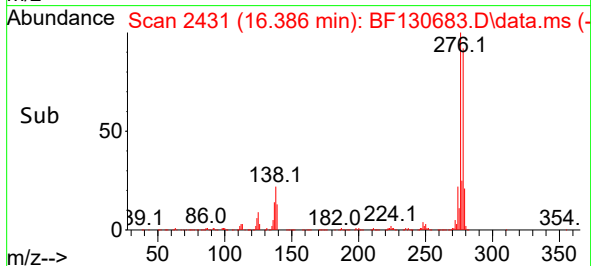
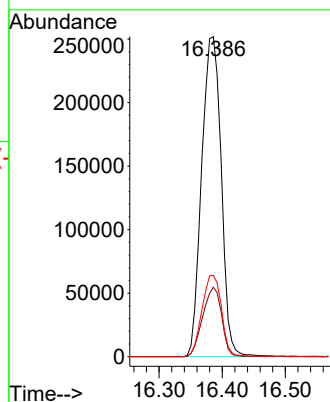
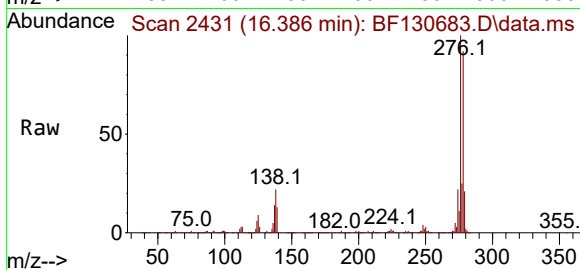
Tgt Ion:276 Resp: 540803

Ion Ratio Lower Upper

276 100

138 21.0 18.0 27.0

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.203 ng

RT: 14.715 min Scan# 2147

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

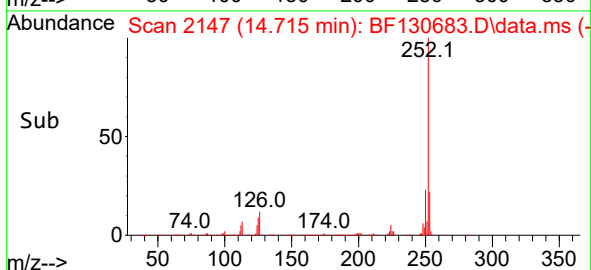
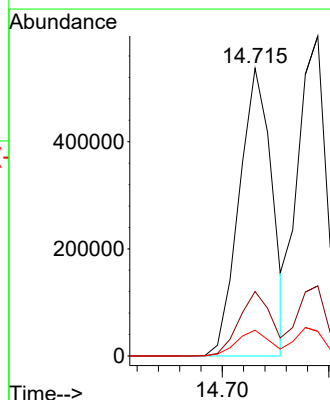
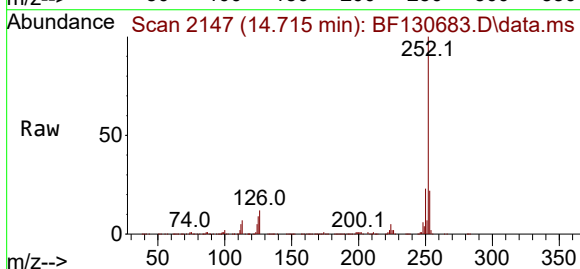
Tgt Ion:252 Resp: 576608

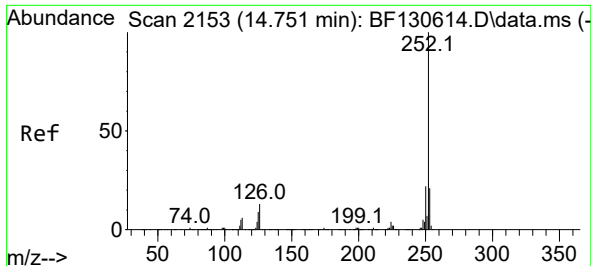
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 8.9 7.4 11.0

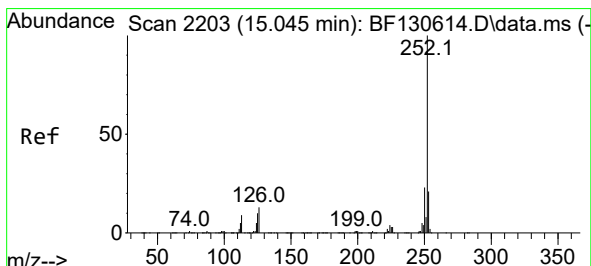
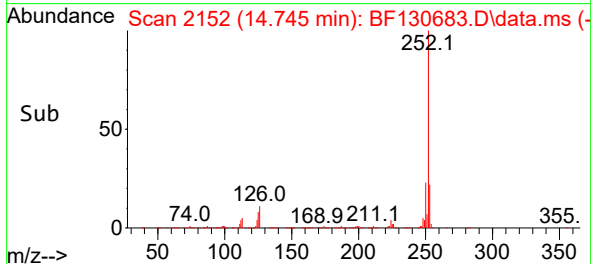
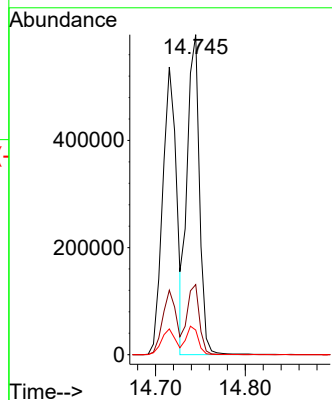
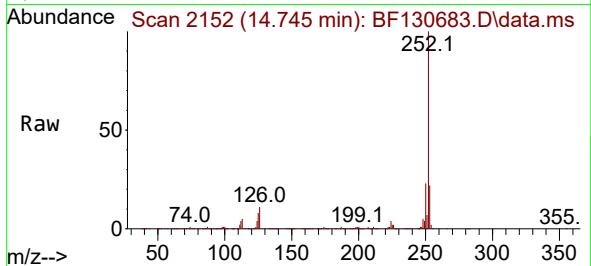




#89  
Benzo(k)fluoranthene  
Concen: 48.529 ng  
RT: 14.745 min Scan# 2153  
Delta R.T. 0.006 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

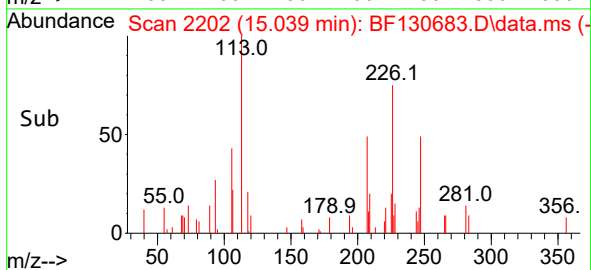
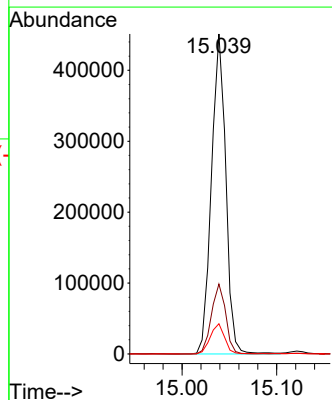
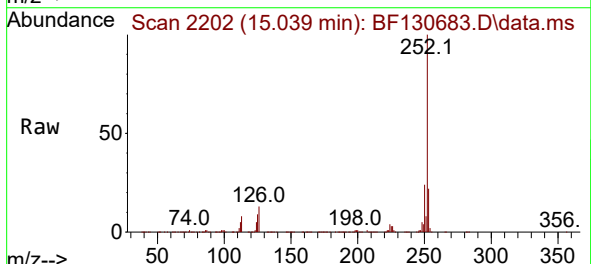
Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

Tgt Ion:252 Resp: 567542  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.0 25.4  
125 7.7 7.2 10.8

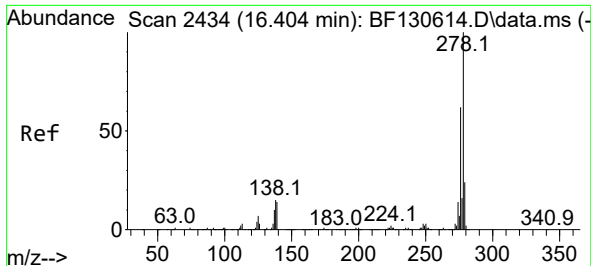


#90  
Benzo(a)pyrene  
Concen: 49.684 ng  
RT: 15.039 min Scan# 2202  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:252 Resp: 474940  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.0 25.6  
125 9.4 8.4 12.6



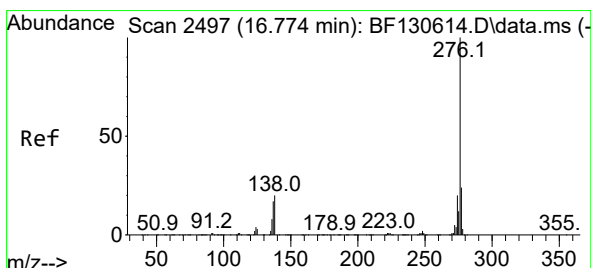
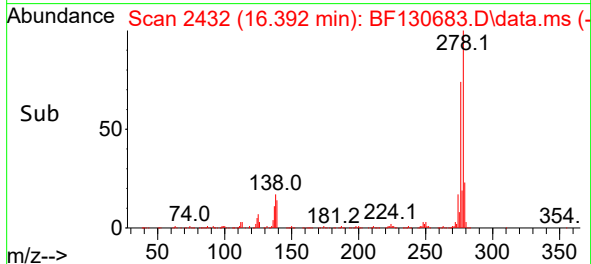
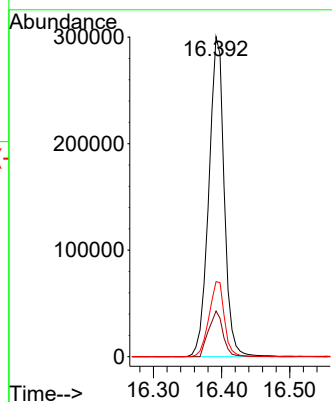
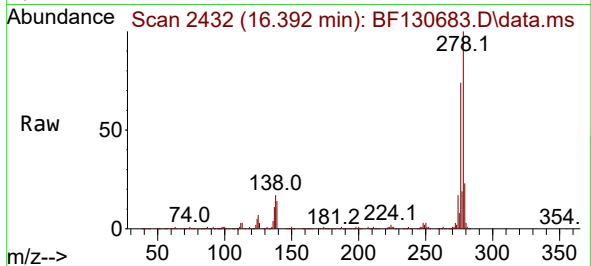




#91  
Dibenzo(a,h)anthracene  
Concen: 42.376 ng  
RT: 16.392 min Scan# 2432  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB148341BS

Tgt Ion:278 Resp: 471556  
Ion Ratio Lower Upper  
278 100  
139 14.2 11.1 16.7  
279 23.5 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 45.105 ng  
RT: 16.768 min Scan# 2496  
Delta R.T. -0.000 min  
Lab File: BF130683.D  
Acq: 17 Oct 2022 13:09

Tgt Ion:276 Resp: 467487  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.9 28.3  
138 17.9 15.9 23.9

