

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081222\  
 Data File : BF129741.D  
 Acq On : 12 Aug 2022 13:27  
 Operator : CG\JU  
 Sample : PB146781BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146781BS

Quant Time: Aug 12 15:54:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 12 15:52:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 150506   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 611527   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 319511   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 536131   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 339749   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.480 | 264  | 279321   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 830099   | 89.846  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.487  | 99   | 990215   | 85.267  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 970880   | 86.667  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 282515   | 91.969  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1794898  | 86.902  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.945 | 244  | 1874943  | 104.113 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 141789   | 34.014  | ng    | 88       |
| 3) Pyridine                   | 3.446  | 79   | 369840   | 31.948  | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.399  | 42   | 212277   | 41.759  | ng    | # 93     |
| 6) Aniline                    | 6.498  | 93   | 477298   | 33.061  | ng    | # 39     |
| 8) 2-Chlorophenol             | 6.628  | 128  | 471667   | 46.728  | ng    | 96       |
| 9) Benzaldehyde               | 6.387  | 77   | 190067   | 24.100  | ng    | 100      |
| 10) Phenol                    | 6.504  | 94   | 563244   | 45.545  | ng    | 82       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 441642   | 45.030  | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 489454   | 45.212  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 494211   | 44.888  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 474864   | 46.923  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.987  | 79   | 394233   | 46.807  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 567071   | 38.465  | ng    | # 14     |
| 17) 2-Methylphenol            | 7.104  | 107  | 371550   | 44.370  | ng    | # 89     |
| 18) Hexachloroethane          | 7.334  | 117  | 189417   | 45.690  | ng    | # 88     |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 327551   | 46.590  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 484087   | 45.466  | ng    | # 80     |
| 22) Acetophenone              | 7.245  | 105  | 651659   | 45.770  | ng    | # 97     |
| 24) Nitrobenzene              | 7.422  | 77   | 483629   | 41.924  | ng    | 93       |
| 25) Isophorone                | 7.657  | 82   | 893238   | 44.483  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.734  | 139  | 251901   | 44.263  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 411282   | 48.179  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 552720   | 47.449  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 382476   | 43.409  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 401755   | 44.052  | ng    | 96       |
| 31) Naphthalene               | 8.133  | 128  | 1336669  | 43.022  | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 150719   | 24.423  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 425090   | 33.326  | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 242284   | 46.736  | ng    | 98       |
| 35) Caprolactam               | 8.575  | 113  | 63333    | 22.109  | ng    | # 74     |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 420273   | 44.973  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 883482   | 43.757  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 837127   | 42.950  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.992  | 216  | 387841   | 46.228  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 315413   | 84.429  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 248435   | 40.770  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081222\  
 Data File : BF129741.D  
 Acq On : 12 Aug 2022 13:27  
 Operator : CG\JU  
 Sample : PB146781BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146781BS

Quant Time: Aug 12 15:54:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 12 15:52:45 2022  
 Response via : Initial Calibration

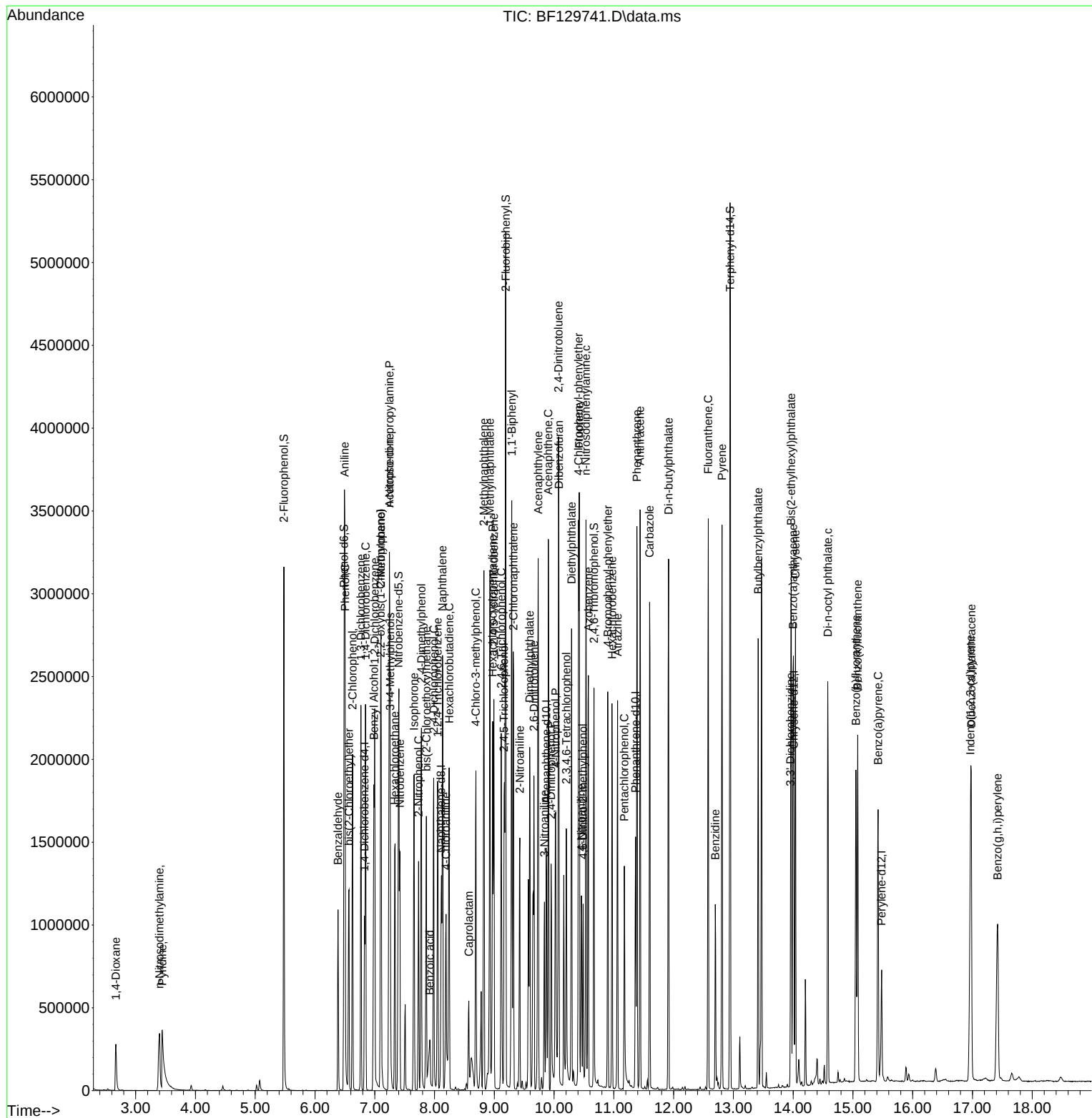
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 259117   | 39.103 | ng    | # 91     |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 1063536  | 45.610 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 836693   | 44.386 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 261039   | 41.645 | ng    | # 81     |
| 49) Acenaphthylene            | 9.733  | 152  | 1313013  | 45.841 | ng    | 100      |
| 50) Dimethylphthalate         | 9.592  | 163  | 982197   | 44.530 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.663  | 165  | 217493   | 44.056 | ng    | 91       |
| 52) Acenaphthene              | 9.904  | 154  | 752449   | 40.221 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.839  | 138  | 169796   | 29.127 | ng    | # 91     |
| 54) 2,4-Dinitrophenol         | 9.951  | 184  | 192684   | 76.456 | ng    | 95       |
| 55) Dibenzofuran              | 10.080 | 168  | 1133622  | 43.957 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 230859   | 53.679 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 278665   | 43.210 | ng    | 93       |
| 58) Fluorene                  | 10.422 | 166  | 920549   | 44.612 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 197105   | 38.490 | ng    | 97       |
| 60) Diethylphthalate          | 10.292 | 149  | 972129   | 45.593 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 426875   | 46.925 | ng    | 89       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 208725   | 36.093 | ng    | 97       |
| 63) Azobenzene                | 10.575 | 77   | 921596   | 42.377 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 141663   | 41.864 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 799071   | 44.755 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 274920   | 46.828 | ng    | # 92     |
| 68) Hexachlorobenzene         | 10.969 | 284  | 298985   | 47.002 | ng    | 95       |
| 69) Atrazine                  | 11.063 | 200  | 265783   | 49.009 | ng    | 96       |
| 70) Pentachlorophenol         | 11.174 | 266  | 179431   | 51.887 | ng    | 98       |
| 71) Phenanthrene              | 11.386 | 178  | 1285205  | 43.915 | ng    | 99       |
| 72) Anthracene                | 11.439 | 178  | 1309720  | 45.540 | ng    | 99       |
| 73) Carbazole                 | 11.598 | 167  | 1202986  | 44.435 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 1515393  | 47.002 | ng    | 100      |
| 75) Fluoranthene              | 12.580 | 202  | 1287464  | 43.418 | ng    | 99       |
| 77) Benzidine                 | 12.698 | 184  | 417146   | 34.755 | ng    | 99       |
| 78) Pyrene                    | 12.810 | 202  | 1307909  | 46.036 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.416 | 149  | 560029   | 45.445 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 1009771  | 43.509 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.957 | 252  | 212527   | 27.736 | ng    | # 96     |
| 83) Chrysene                  | 14.039 | 228  | 924775   | 42.280 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 751095   | 46.296 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.580 | 149  | 1127873  | 48.310 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 923499   | 49.097 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 833662   | 44.994 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 829381   | 45.678 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.421 | 252  | 789850   | 52.514 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.980 | 278  | 806886   | 52.705 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 821740   | 52.528 | ng    | 99       |

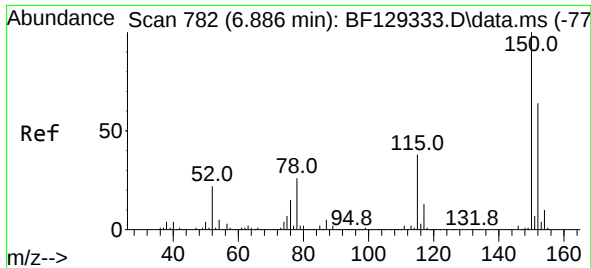
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081222\  
Data File : BF129741.D  
Acq On : 12 Aug 2022 13:27  
Operator : CG\JU  
Sample : PB146781BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

Quant Time: Aug 12 15:54:09 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 12 15:52:45 2022  
Response via : Initial Calibration

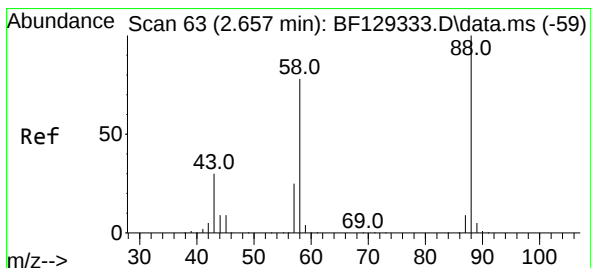
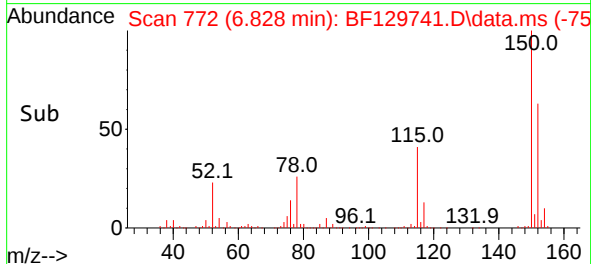
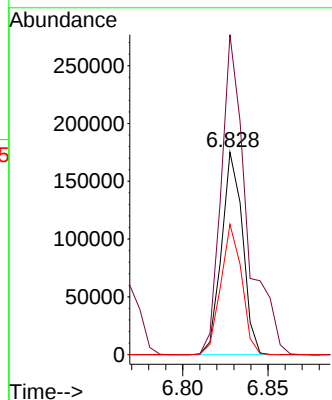
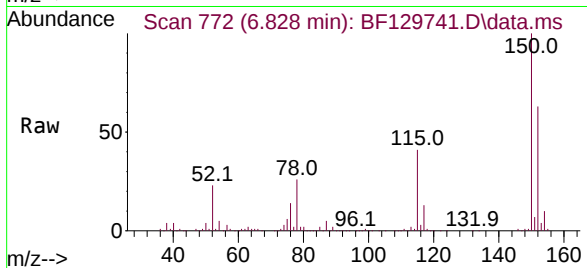




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.828 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BF129741.D  
 Acq: 12 Aug 2022 13:27

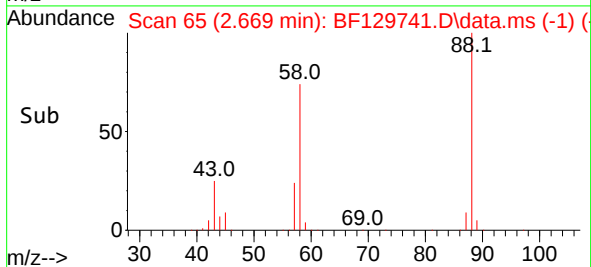
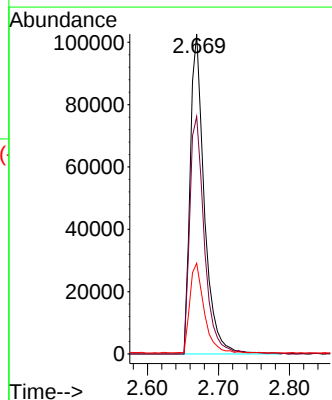
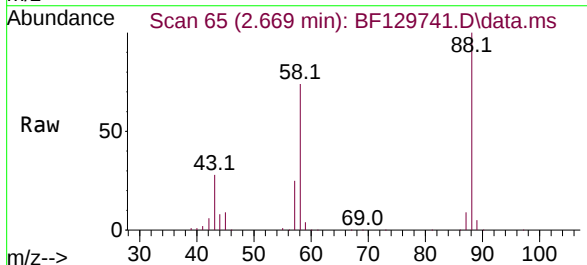
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146781BS

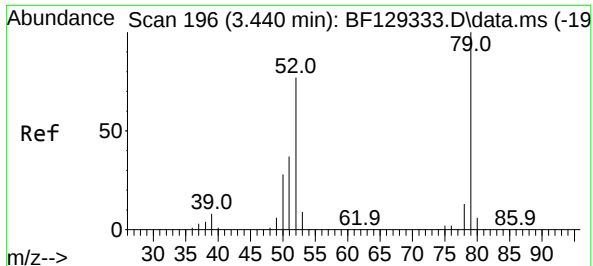
Tgt Ion:152 Resp: 150506  
 Ion Ratio Lower Upper  
 152 100  
 150 158.1 123.7 185.5  
 115 64.4 49.9 74.9



#2  
 1,4-Dioxane  
 Concen: 34.014 ng  
 RT: 2.669 min Scan# 65  
 Delta R.T. 0.100 min  
 Lab File: BF129741.D  
 Acq: 12 Aug 2022 13:27

Tgt Ion: 88 Resp: 141789  
 Ion Ratio Lower Upper  
 88 100  
 58 77.0 71.8 107.8  
 43 28.8 26.6 39.8

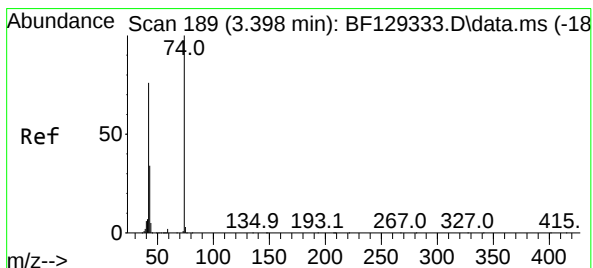
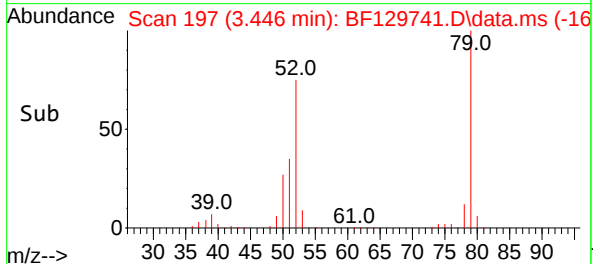
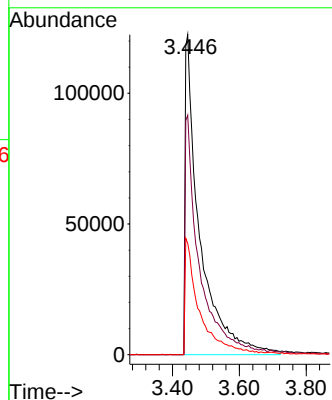
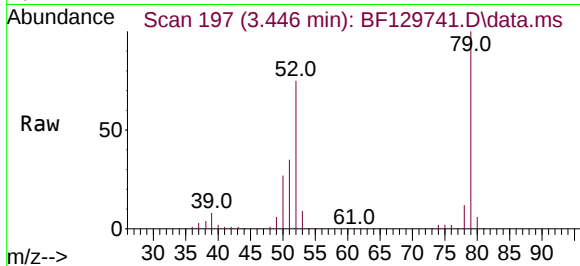




#3  
Pyridine  
Concen: 31.948 ng  
RT: 3.446 min Scan# 196  
Delta R.T. 0.100 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

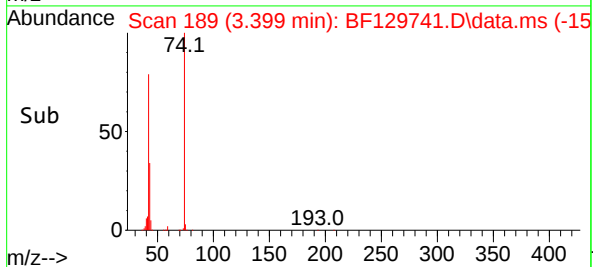
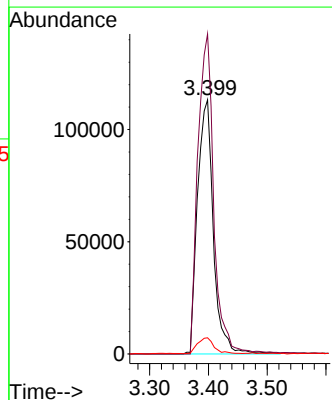
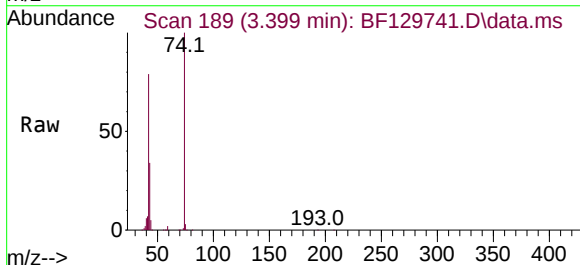
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

Tgt Ion: 79 Resp: 369840  
Ion Ratio Lower Upper  
79 100  
52 74.8 68.6 102.8  
51 34.8 32.9 49.3



#4  
n-Nitrosodimethylamine  
Concen: 41.759 ng  
RT: 3.399 min Scan# 189  
Delta R.T. 0.094 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 42 Resp: 212277  
Ion Ratio Lower Upper  
42 100  
74 125.9 94.8 142.2  
44 6.4 6.6 10.0

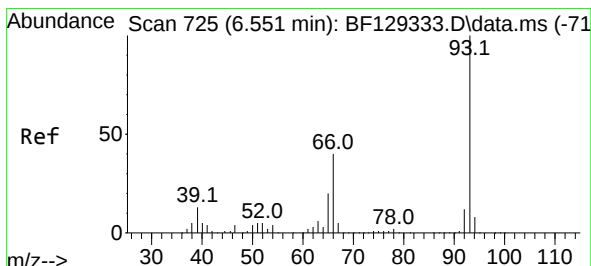
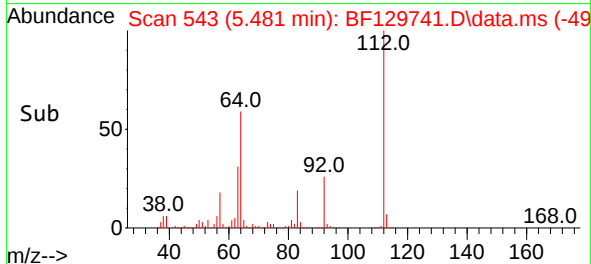
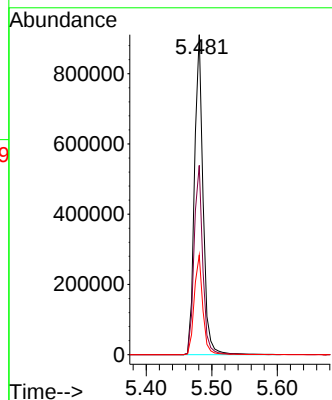
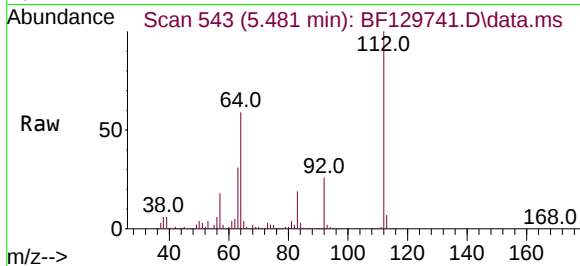




#5  
2-Fluorophenol  
Concen: 89.846 ng  
RT: 5.481 min Scan# 54  
Delta R.T. 0.012 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

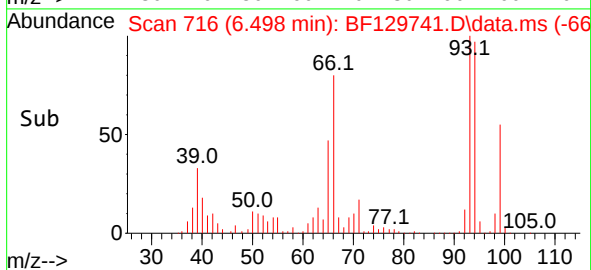
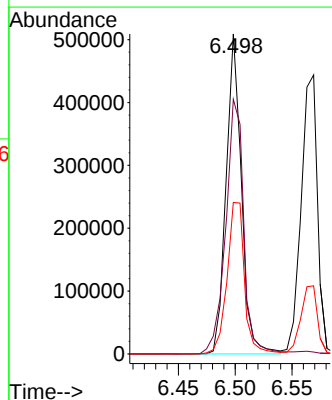
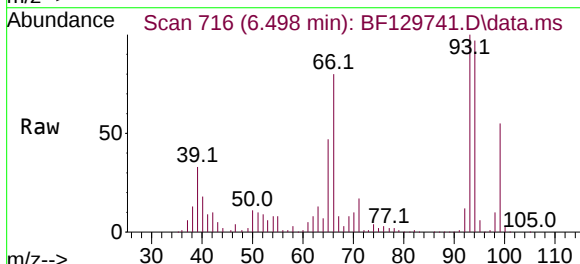
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

Tgt Ion:112 Resp: 830099  
Ion Ratio Lower Upper  
112 100  
64 59.2 53.3 79.9  
63 31.1 28.0 42.0



#6  
Aniline  
Concen: 33.061 ng  
RT: 6.498 min Scan# 716  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 93 Resp: 477298  
Ion Ratio Lower Upper  
93 100  
66 79.6 32.5 48.7#  
65 47.3 16.4 24.6#

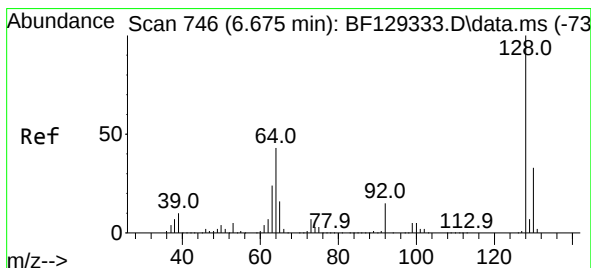
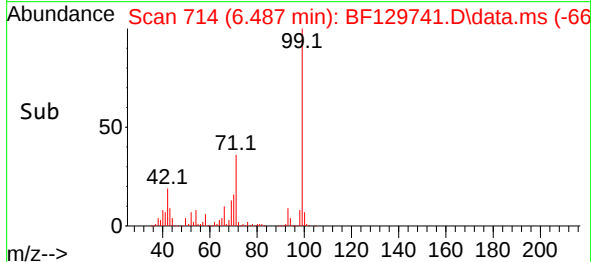
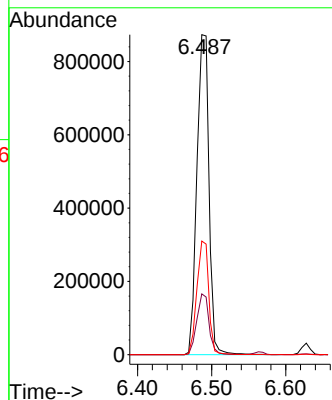
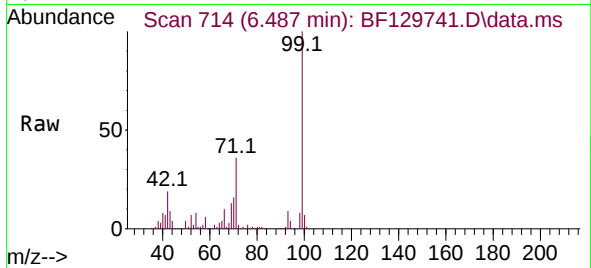




#7  
Phenol-d6  
Concen: 85.267 ng  
RT: 6.487 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

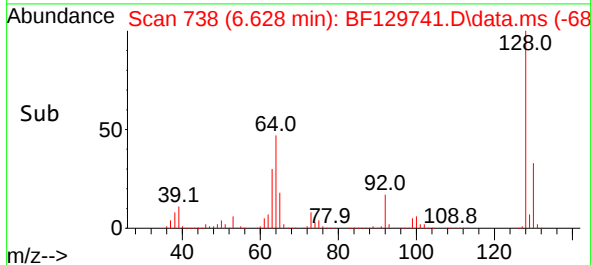
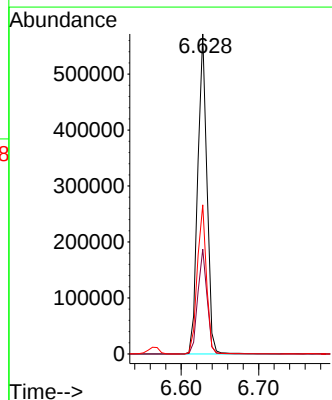
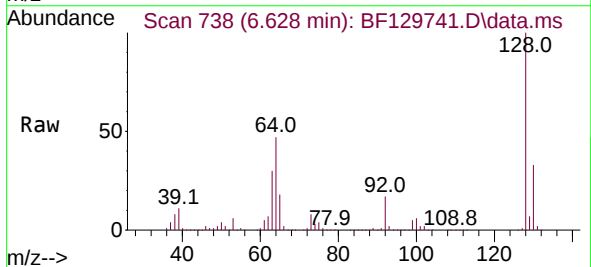
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

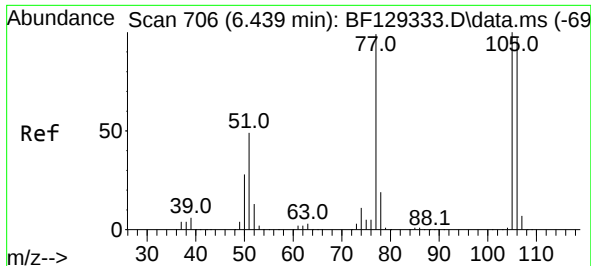
Tgt Ion: 99 Resp: 990215  
Ion Ratio Lower Upper  
99 100  
42 19.0 17.3 25.9  
71 35.5 28.9 43.3



#8  
2-Chlorophenol  
Concen: 46.728 ng  
RT: 6.628 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 128 Resp: 471667  
Ion Ratio Lower Upper  
128 100  
130 32.7 13.1 53.1  
64 46.6 30.9 70.9

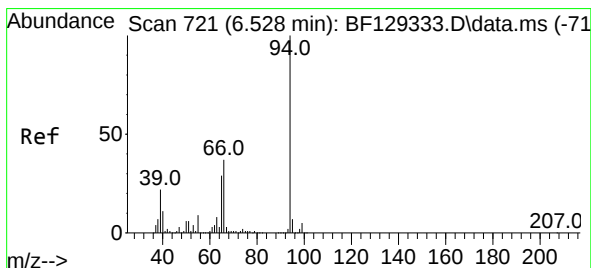
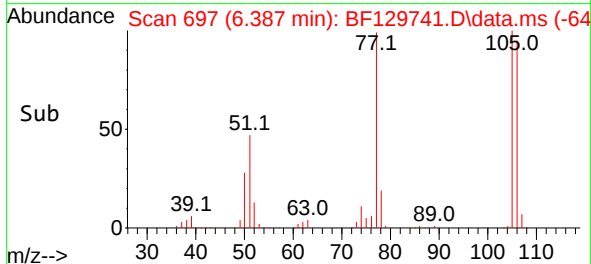
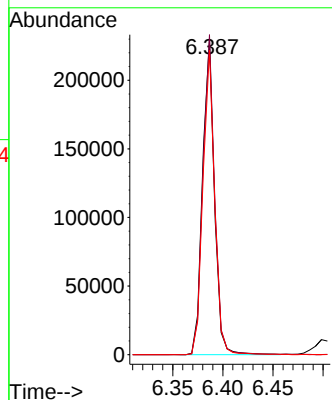
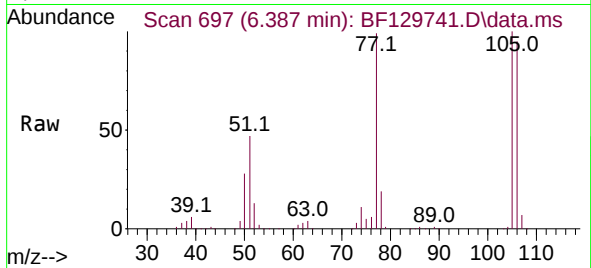




#9  
Benzaldehyde  
Concen: 24.100 ng  
RT: 6.387 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

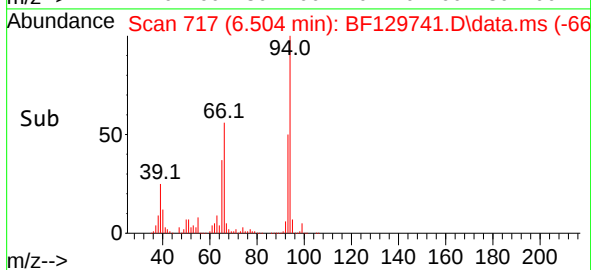
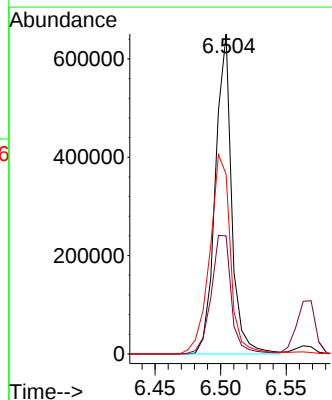
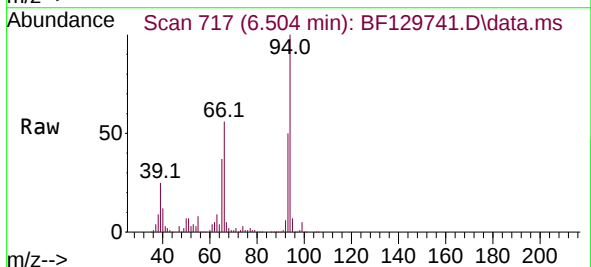
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

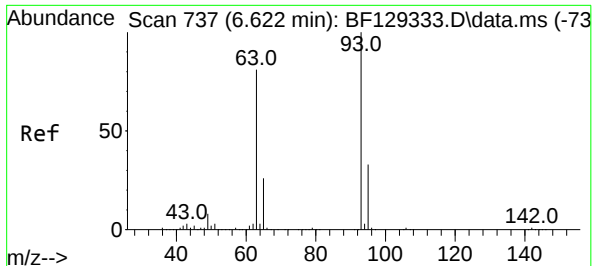
Tgt Ion: 77 Resp: 190067  
Ion Ratio Lower Upper  
77 100  
105 101.2 81.6 121.6  
106 96.4 76.1 116.1



#10  
Phenol  
Concen: 45.545 ng  
RT: 6.504 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 94 Resp: 563244  
Ion Ratio Lower Upper  
94 100  
65 36.9 11.4 51.4  
66 56.1 21.4 61.4

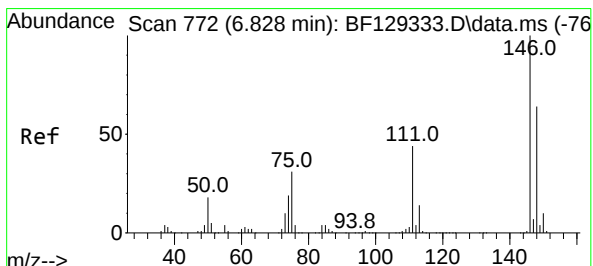
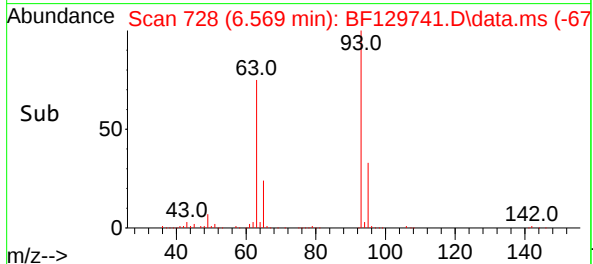
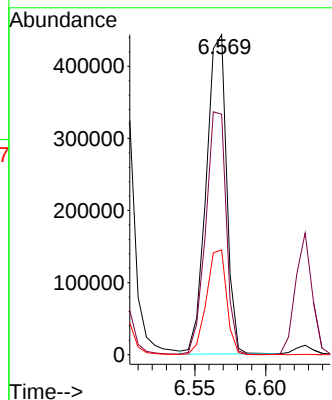
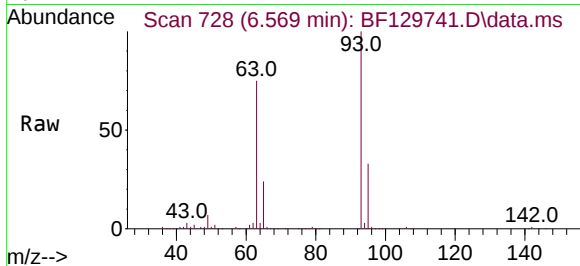




#11  
bis(2-Chloroethyl)ether  
Concen: 45.030 ng  
RT: 6.569 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

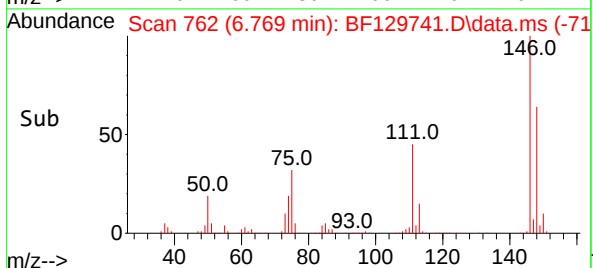
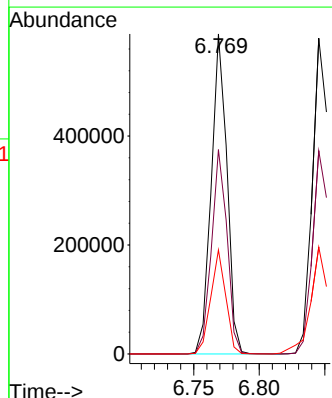
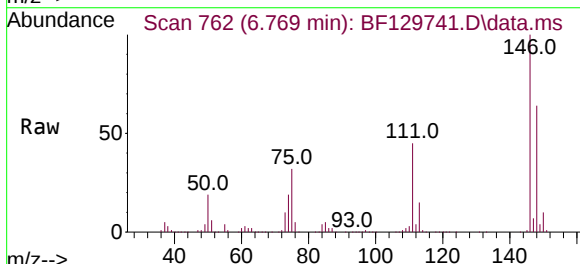
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

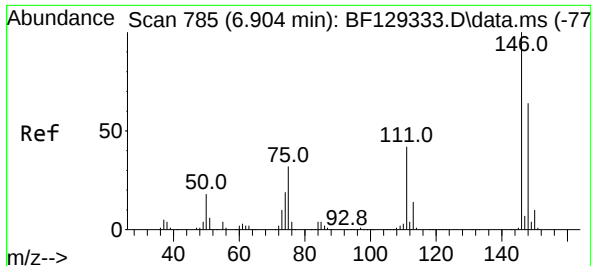
Tgt Ion: 93 Resp: 441642  
Ion Ratio Lower Upper  
93 100  
63 75.1 67.4 107.4  
95 32.7 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 45.212 ng  
RT: 6.769 min Scan# 762  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:146 Resp: 489454  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.6 75.8  
75 32.5 26.3 39.5

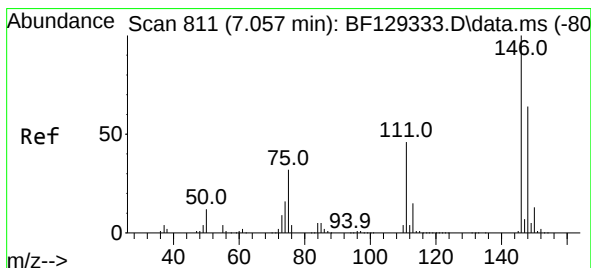
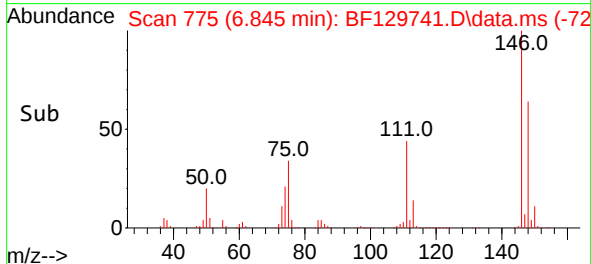
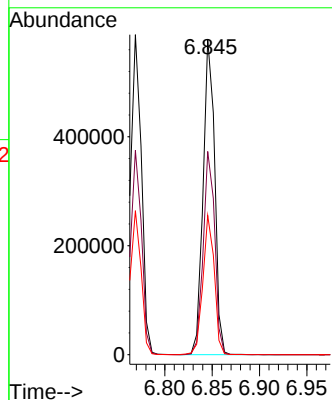
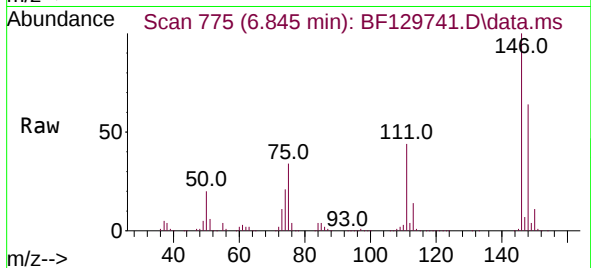




#13  
1,4-Dichlorobenzene  
Concen: 44.888 ng  
RT: 6.845 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

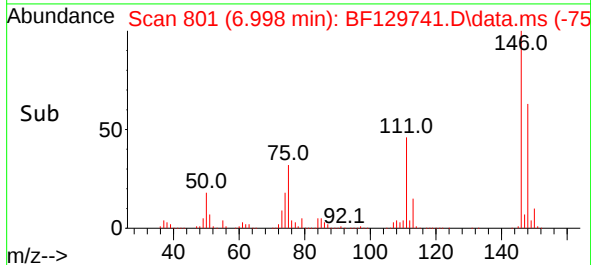
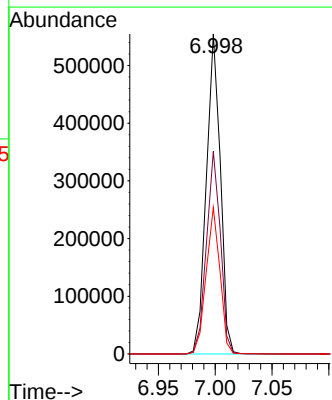
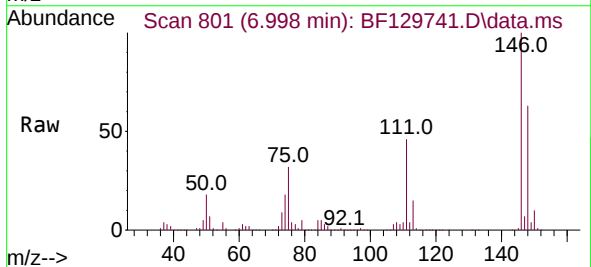
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

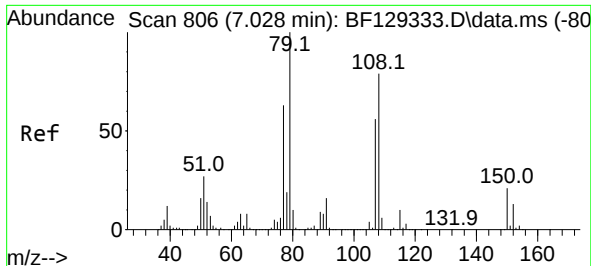
Tgt Ion:146 Resp: 494211  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.1 76.7  
111 44.1 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 46.923 ng  
RT: 6.998 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:146 Resp: 474864  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.8 77.8  
111 45.8 35.1 52.7

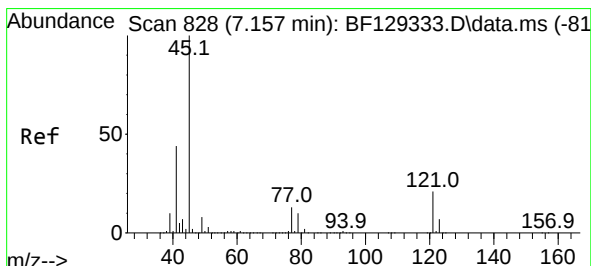
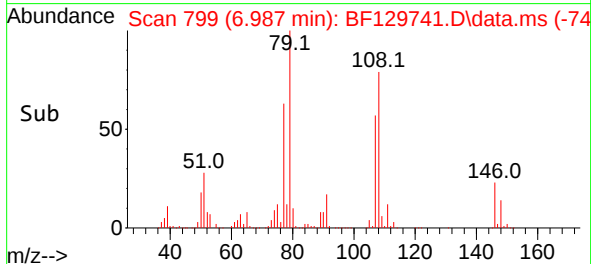
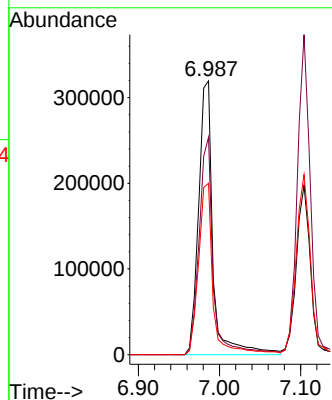
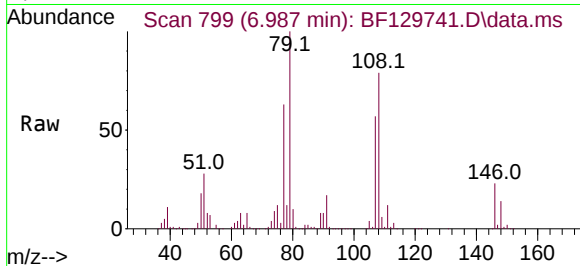




#15  
Benzyl Alcohol  
Concen: 46.807 ng  
RT: 6.987 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

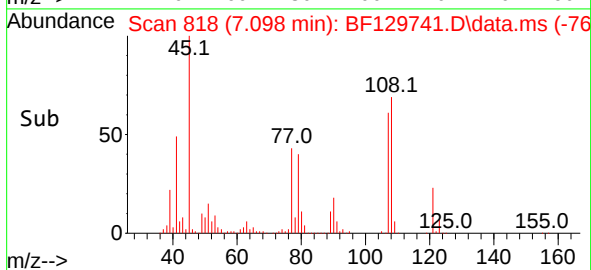
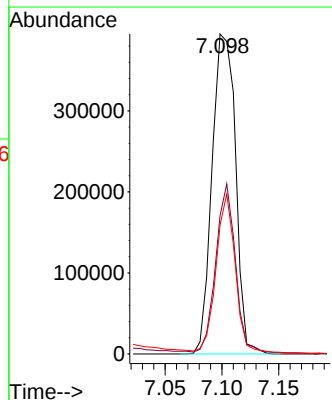
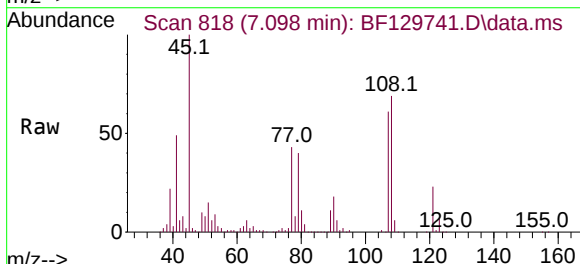
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

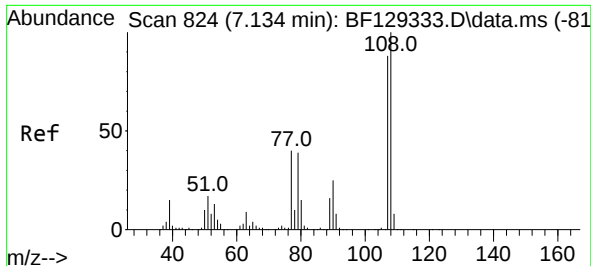
Tgt Ion: 79 Resp: 394233  
Ion Ratio Lower Upper  
79 100  
108 79.4 61.8 92.6  
77 62.6 50.2 75.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.465 ng  
RT: 7.098 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 45 Resp: 567071  
Ion Ratio Lower Upper  
45 100  
77 43.2 0.0 31.3#  
79 40.2 0.0 28.3#





#17

2-Methylphenol

Concen: 44.370 ng

RT: 7.104 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

Tgt Ion:107 Resp: 371550

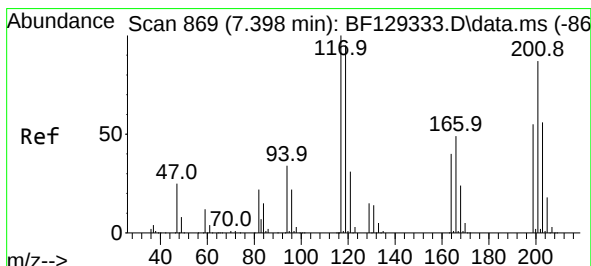
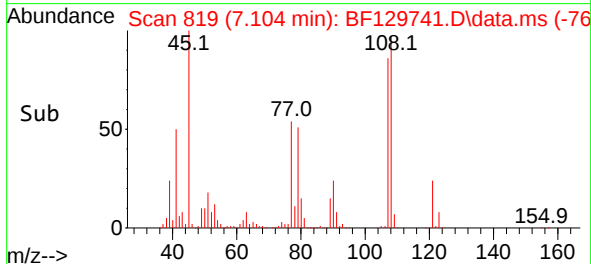
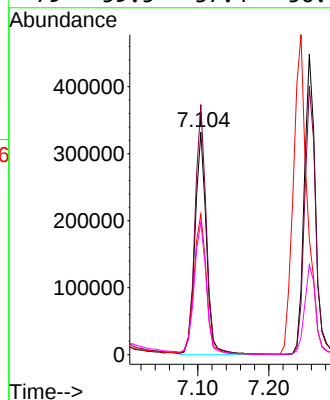
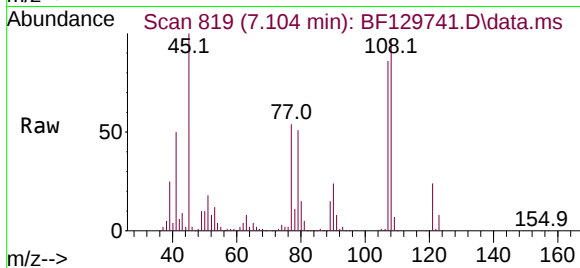
Ion Ratio Lower Upper

107 100

108 112.5 91.9 137.9

77 63.2 37.8 56.8#

79 59.5 37.4 56.0#



#18

Hexachloroethane

Concen: 45.690 ng

RT: 7.334 min Scan# 858

Delta R.T. -0.006 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

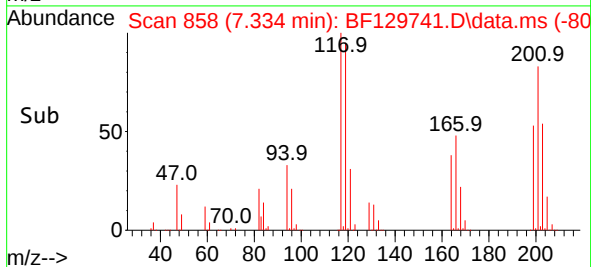
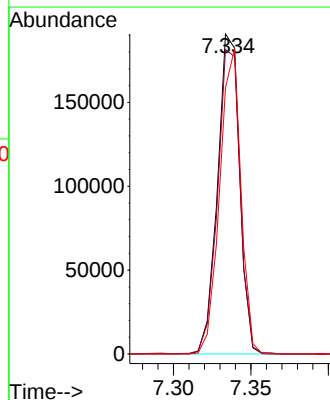
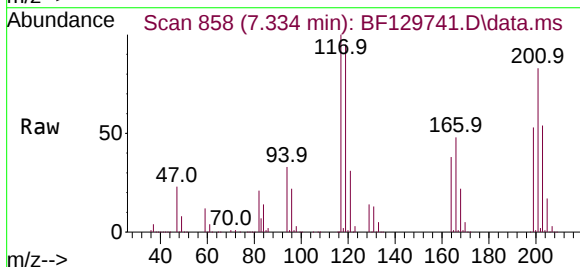
Tgt Ion:117 Resp: 189417

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.2

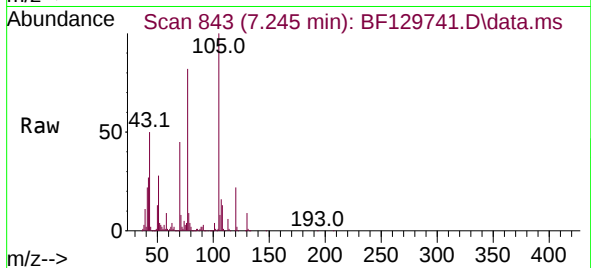
201 83.2 84.6 127.0#



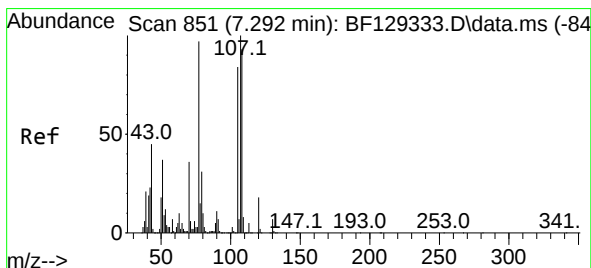
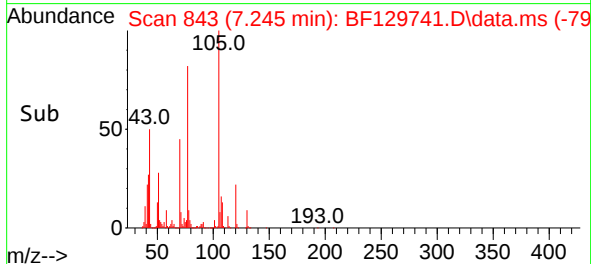
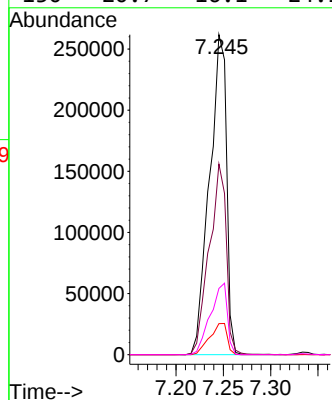


#19  
n-Nitroso-di-n-propylamine  
Concen: 46.590 ng  
RT: 7.245 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

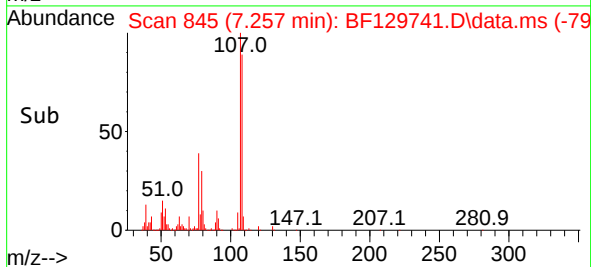
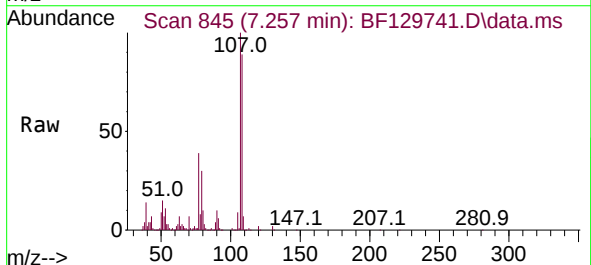
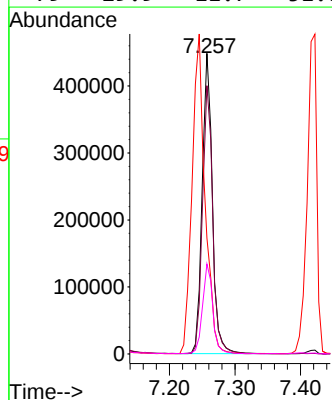


Tgt Ion: 70 Resp: 327551  
Ion Ratio Lower Upper  
70 100  
42 59.6 52.3 78.5  
101 9.7 7.5 11.3  
130 20.7 16.1 24.1



#20  
3+4-Methylphenols  
Concen: 45.466 ng  
RT: 7.257 min Scan# 845  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 107 Resp: 484087  
Ion Ratio Lower Upper  
107 100  
108 89.2 71.8 111.8  
77 38.6 59.3 99.3#  
79 29.9 11.7 51.7



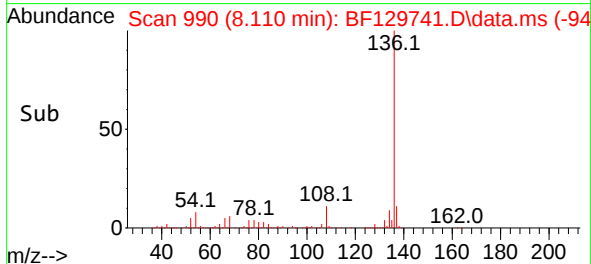
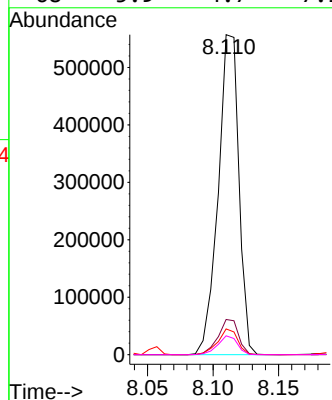
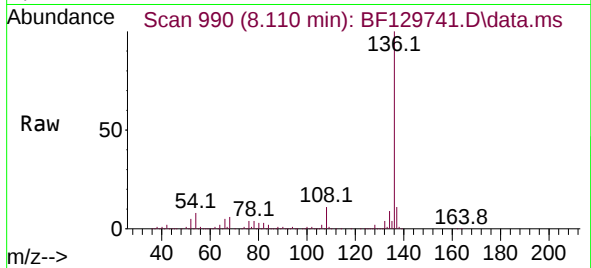


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

Tgt Ion:136 Resp: 611527

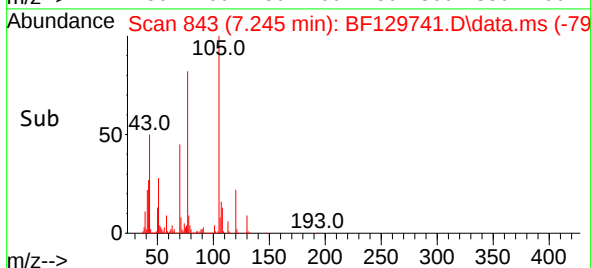
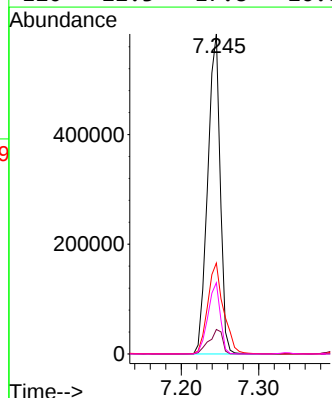
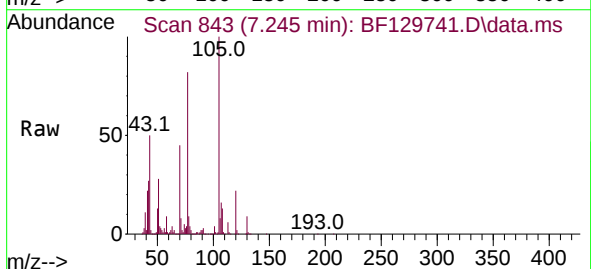
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 8.1   | 7.5   | 11.3  |
| 68  | 5.9   | 4.7   | 7.1   |



#22  
Acetophenone  
Concen: 45.770 ng  
RT: 7.245 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:105 Resp: 651659

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.7   | 5.0   | 7.4#  |
| 51  | 28.4  | 25.0  | 37.4  |
| 120 | 22.3  | 17.8  | 26.8  |

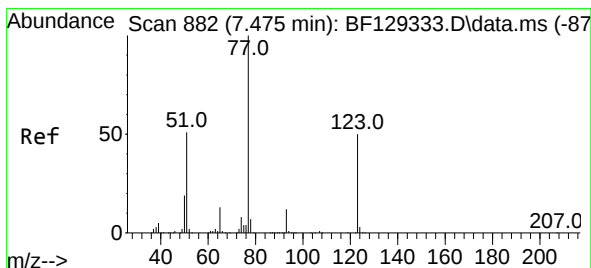
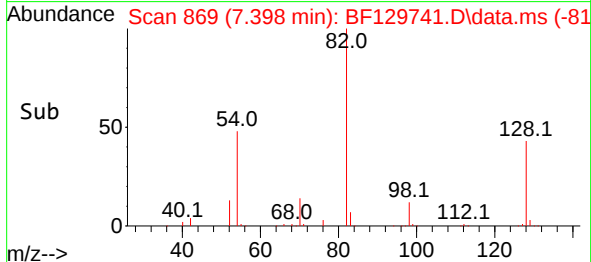
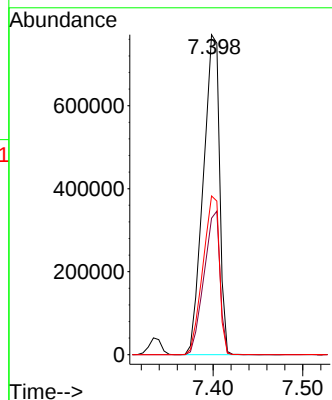
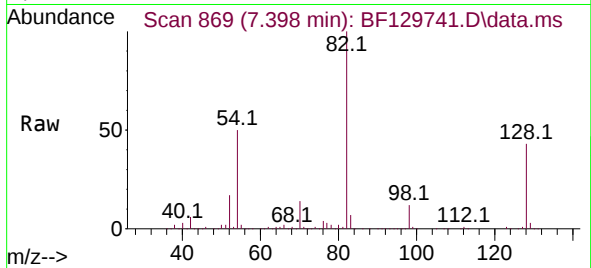




#23  
Nitrobenzene-d5  
Concen: 86.667 ng  
RT: 7.398 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

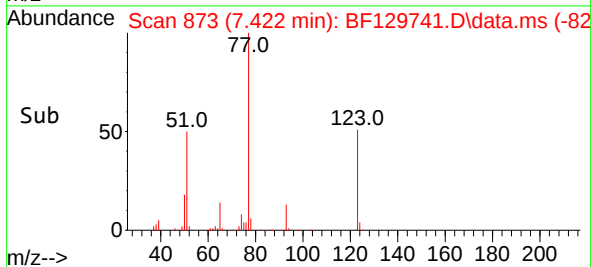
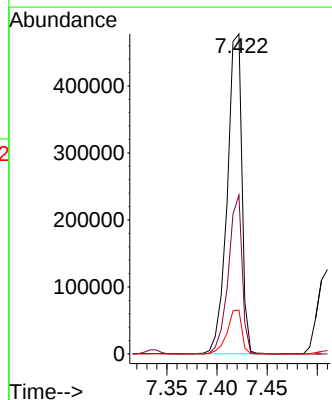
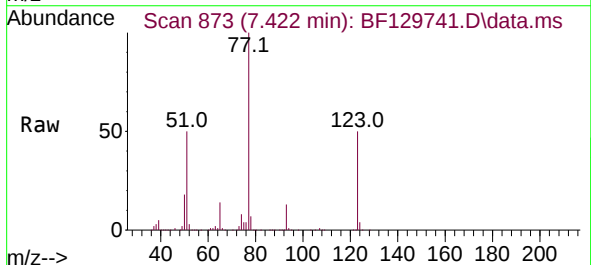
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

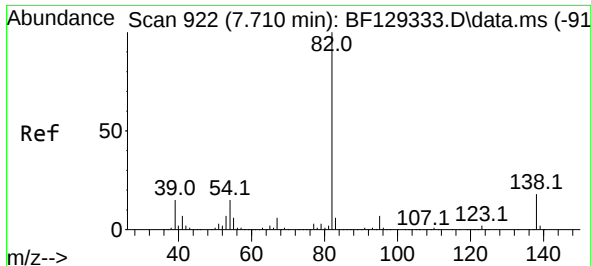
Tgt Ion: 82 Resp: 970880  
Ion Ratio Lower Upper  
82 100  
128 42.6 34.0 51.0  
54 49.6 46.9 70.3



#24  
Nitrobenzene  
Concen: 41.924 ng  
RT: 7.422 min Scan# 873  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 77 Resp: 483629  
Ion Ratio Lower Upper  
77 100  
123 49.6 35.4 53.2  
65 13.8 11.8 17.8

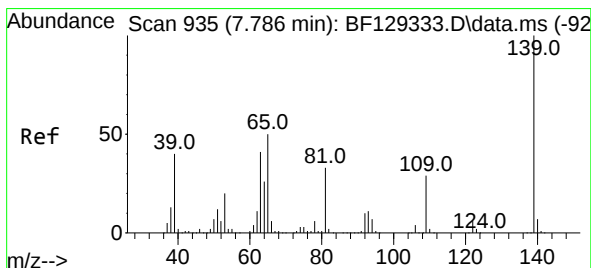
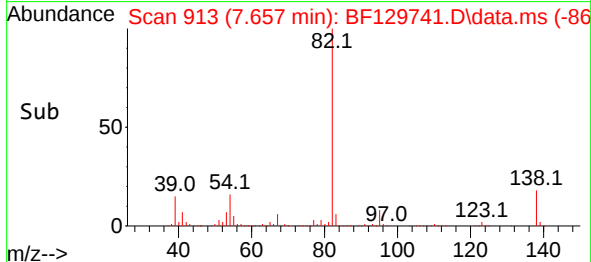
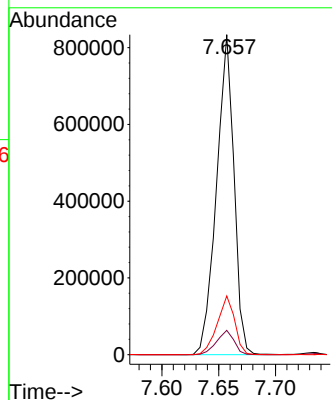
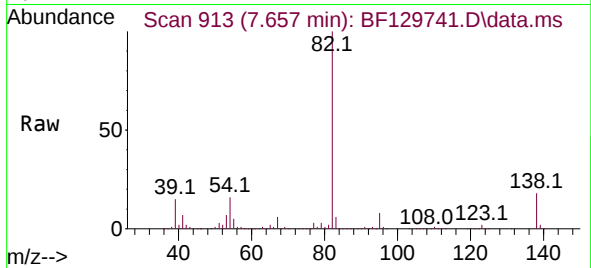




#25  
Isophorone  
Concen: 44.483 ng  
RT: 7.657 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

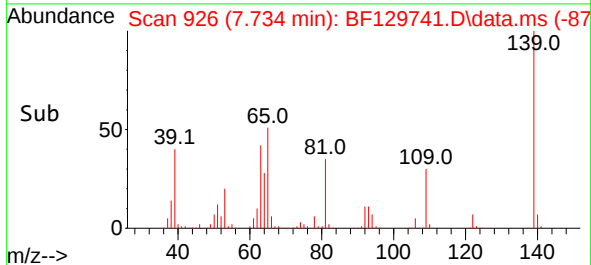
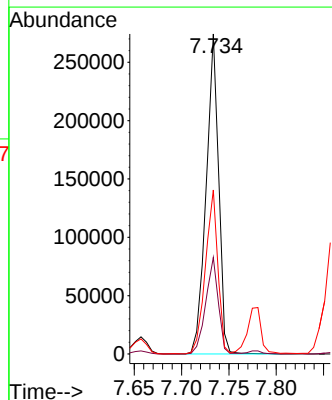
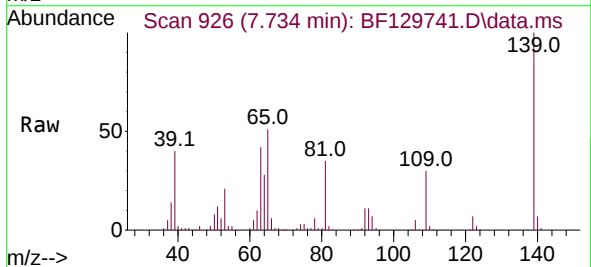
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

Tgt Ion: 82 Resp: 893238  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.7 8.5  
138 18.4 14.2 21.2



#26  
2-Nitrophenol  
Concen: 44.263 ng  
RT: 7.734 min Scan# 926  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 139 Resp: 251901  
Ion Ratio Lower Upper  
139 100  
109 30.1 25.0 37.4  
65 51.2 45.1 67.7

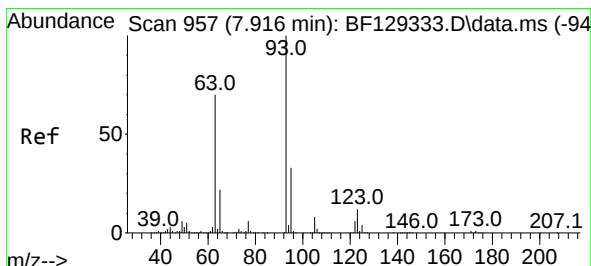
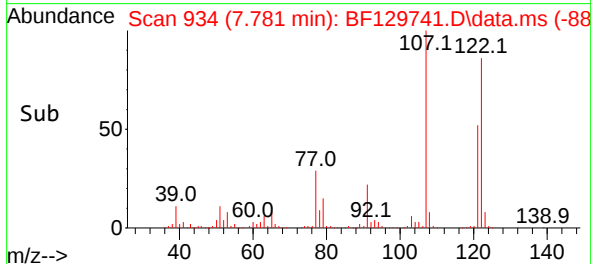
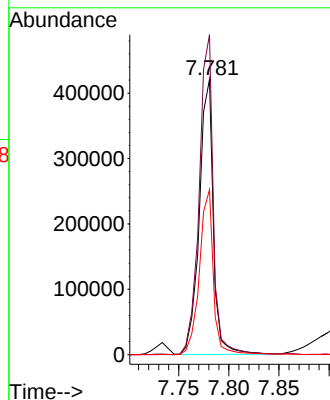
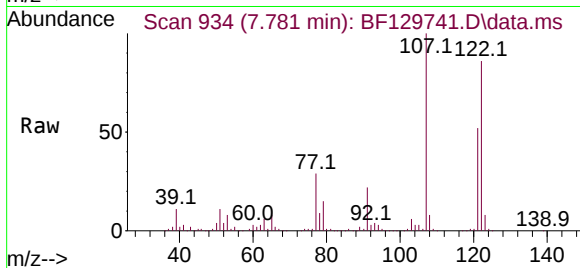




#27  
2,4-Dimethylphenol  
Concen: 48.179 ng  
RT: 7.781 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

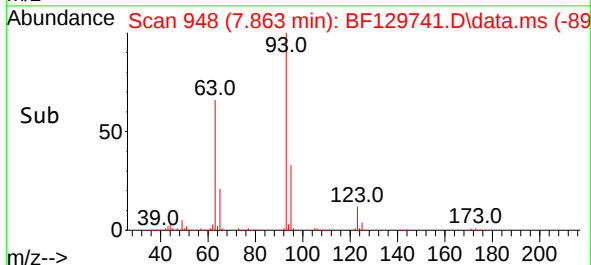
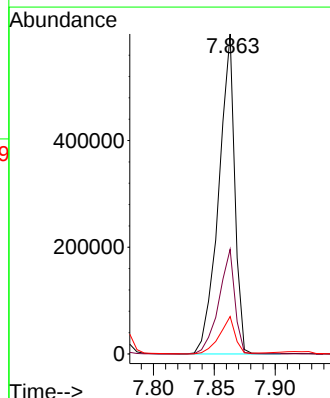
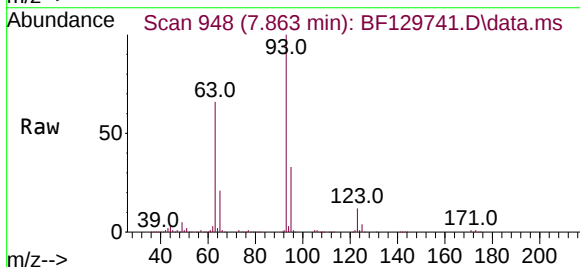
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

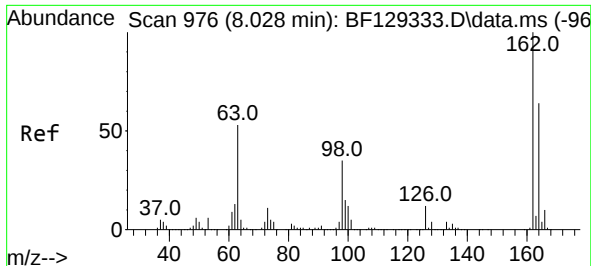
Tgt Ion:122 Resp: 411282  
Ion Ratio Lower Upper  
122 100  
107 116.3 93.0 139.6  
121 59.9 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.449 ng  
RT: 7.863 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion: 93 Resp: 552720  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.8 40.2  
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.409 ng

RT: 7.986 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

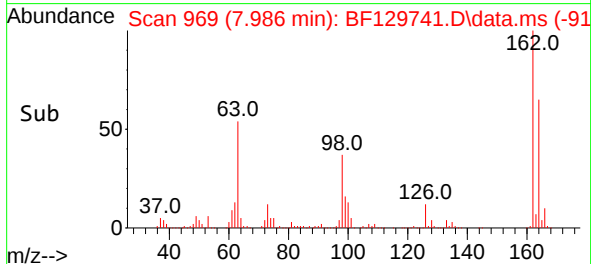
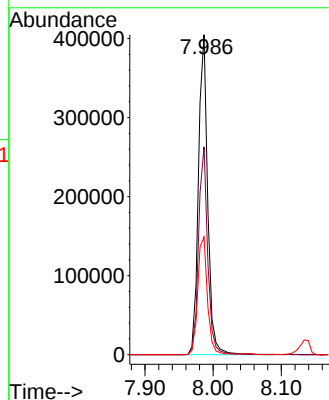
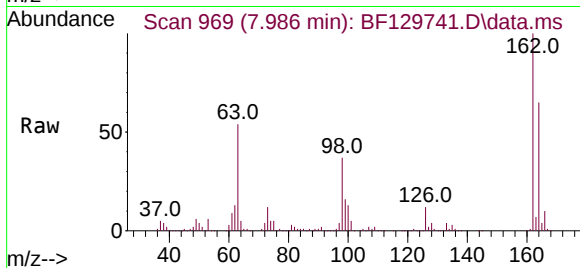
Tgt Ion:162 Resp: 382476

Ion Ratio Lower Upper

162 100

164 65.0 44.2 84.2

98 36.8 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.052 ng

RT: 8.051 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

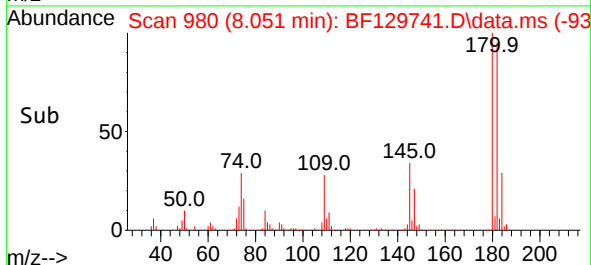
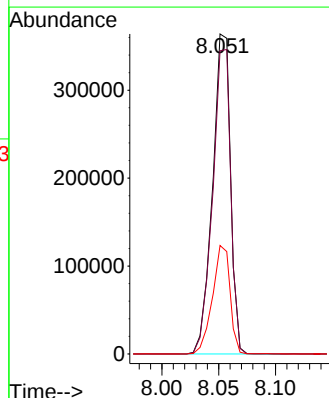
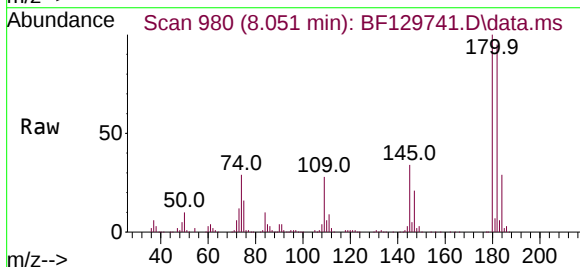
Tgt Ion:180 Resp: 401755

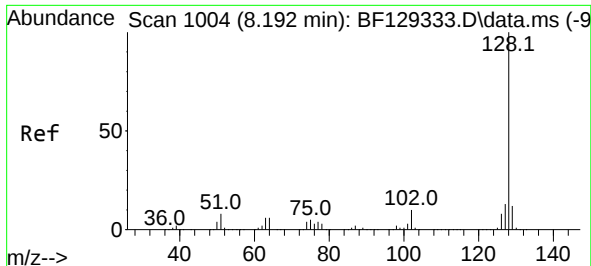
Ion Ratio Lower Upper

180 100

182 94.7 79.2 118.8

145 33.9 26.2 39.2





#31

Naphthalene

Concen: 43.022 ng

RT: 8.133 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

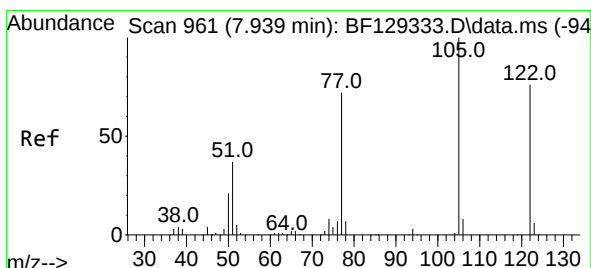
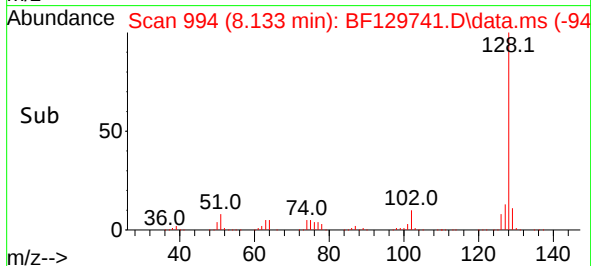
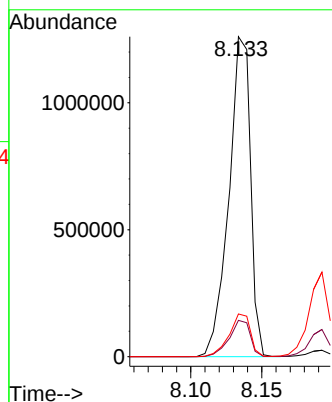
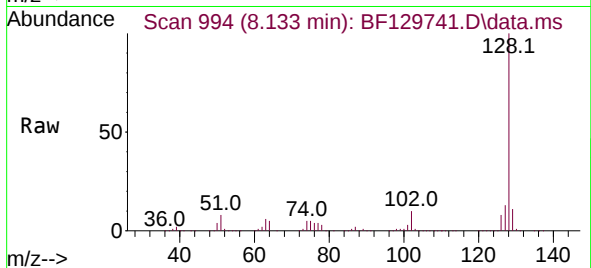
Tgt Ion:128 Resp: 1336669

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.4 10.5 15.7



#32

Benzoic acid

Concen: 24.423 ng

RT: 7.922 min Scan# 958

Delta R.T. 0.006 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

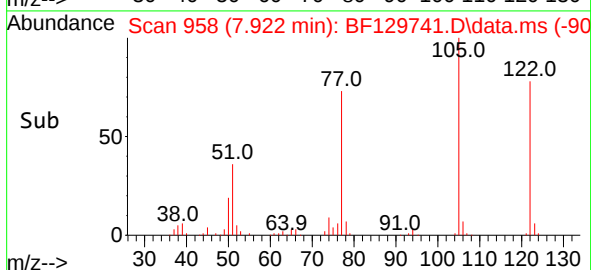
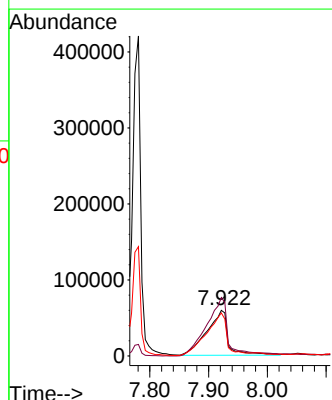
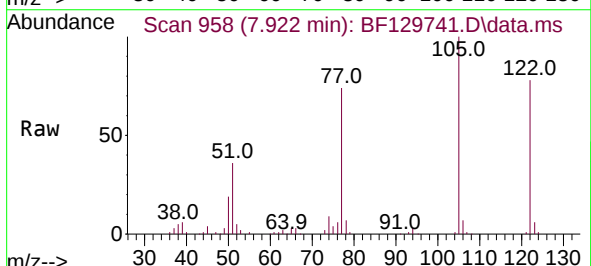
Tgt Ion:122 Resp: 150719

Ion Ratio Lower Upper

122 100

105 128.0 107.1 147.1

77 94.4 74.2 114.2

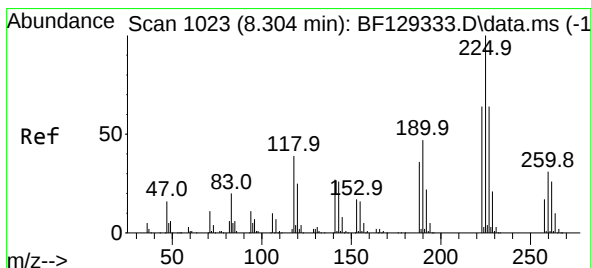
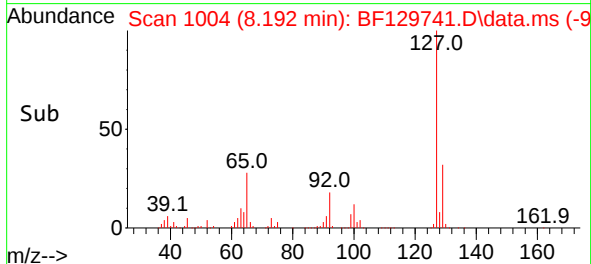
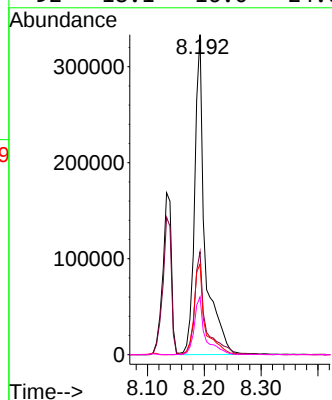
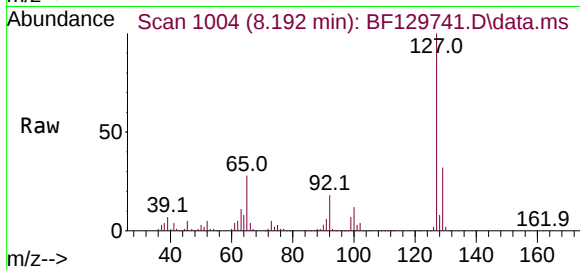




#33  
4-Chloroaniline  
Concen: 33.326 ng  
RT: 8.192 min Scan# 1004  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

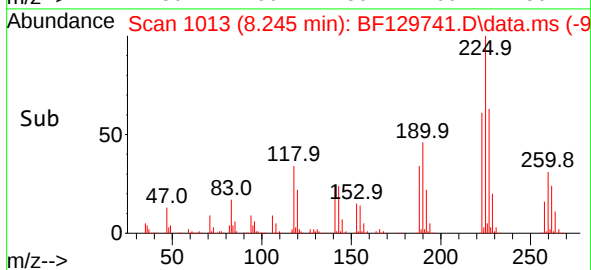
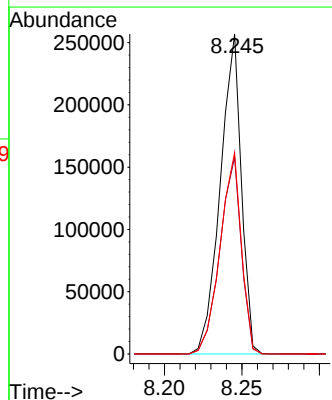
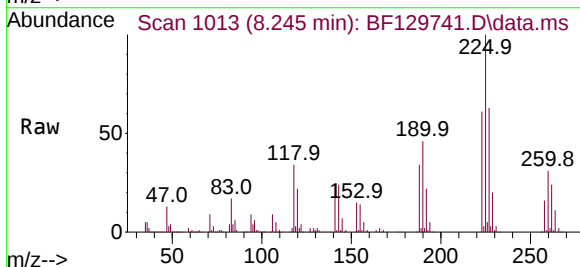
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

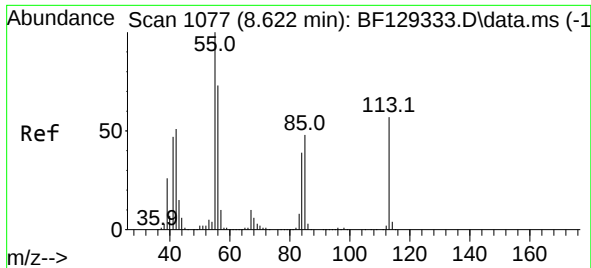
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 425090 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.4  | 39.6   |
| 65       | 28.4  | 26.4  | 39.6   |
| 92       | 18.1  | 16.0  | 24.0   |



#34  
Hexachlorobutadiene  
Concen: 46.736 ng  
RT: 8.245 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 242284 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.5  | 51.0  | 76.6   |
| 227      | 63.0  | 51.1  | 76.7   |

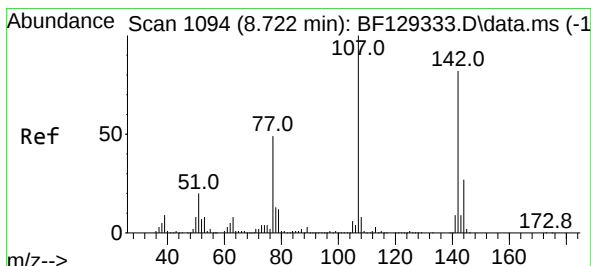
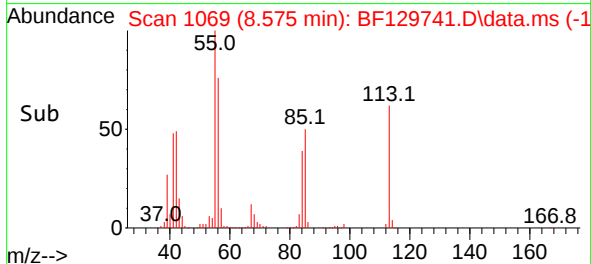
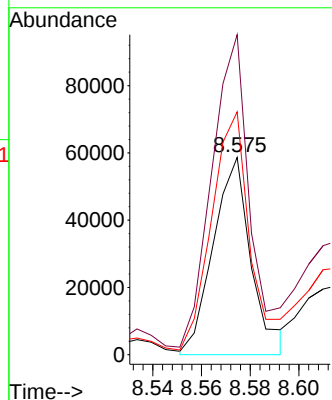
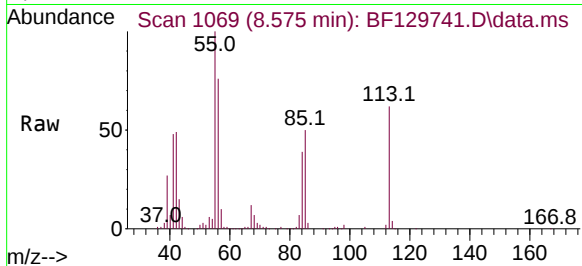




#35  
 Caprolactam  
 Concen: 22.109 ng  
 RT: 8.575 min Scan# 1069  
 Delta R.T. -0.000 min  
 Lab File: BF129741.D  
 Acq: 12 Aug 2022 13:27

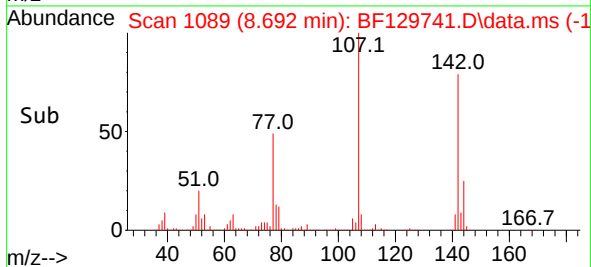
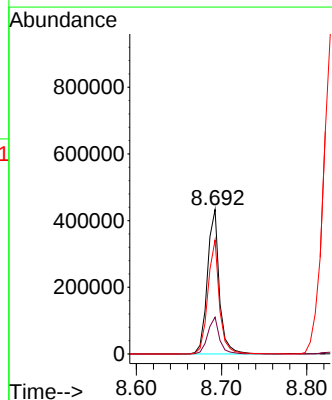
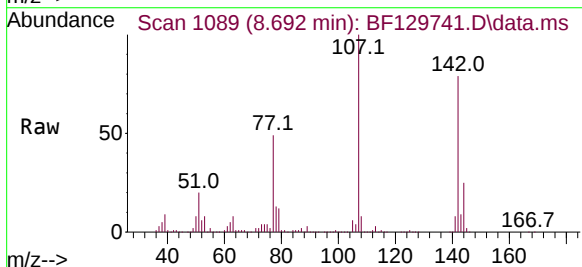
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146781BS

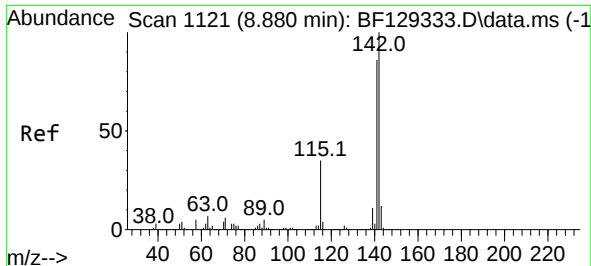
Tgt Ion:113 Resp: 63333  
 Ion Ratio Lower Upper  
 113 100  
 55 162.2 188.5 228.5#  
 56 123.0 130.6 170.6#



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.973 ng  
 RT: 8.692 min Scan# 1089  
 Delta R.T. 0.006 min  
 Lab File: BF129741.D  
 Acq: 12 Aug 2022 13:27

Tgt Ion:107 Resp: 420273  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 19.5 29.3  
 142 78.9 58.2 87.4





#37

2-Methylnaphthalene

Concen: 43.757 ng

RT: 8.828 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

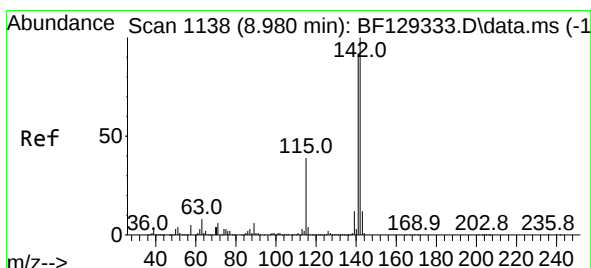
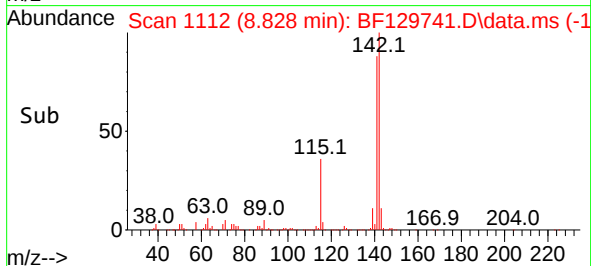
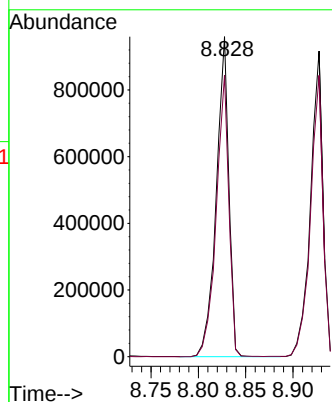
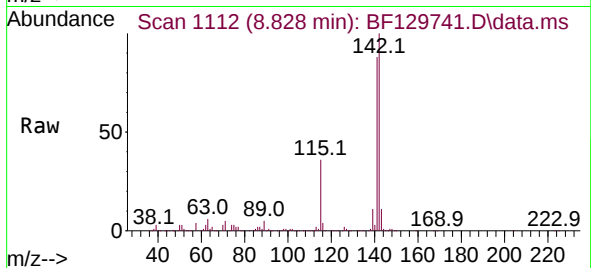
PB146781BS

Tgt Ion:142 Resp: 883482

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 42.950 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF129741.D

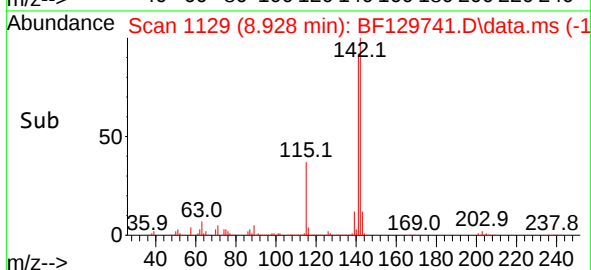
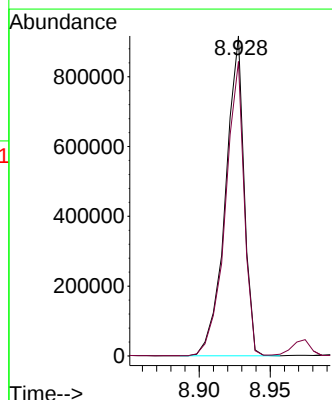
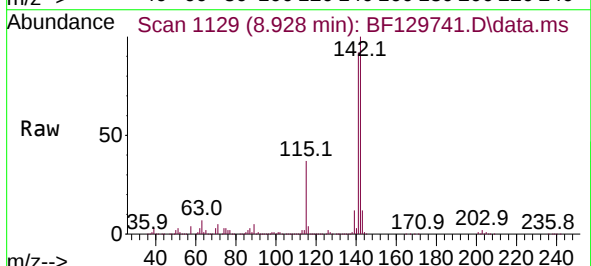
Acq: 12 Aug 2022 13:27

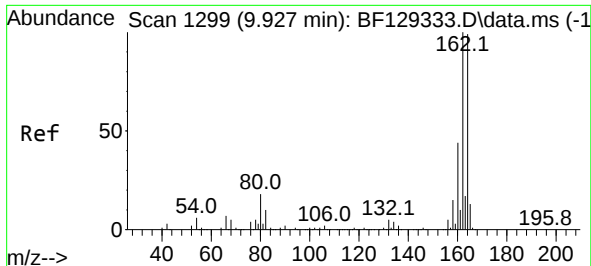
Tgt Ion:142 Resp: 837127

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

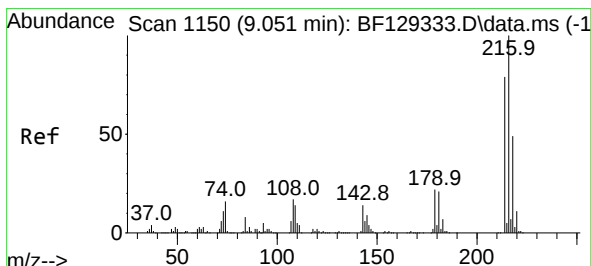
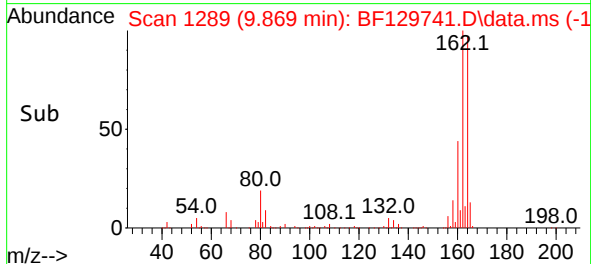
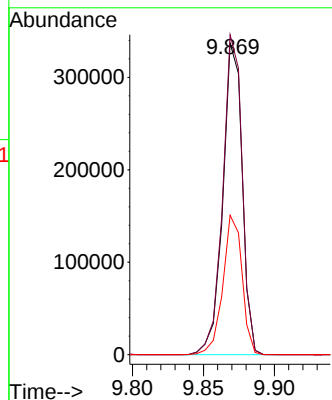
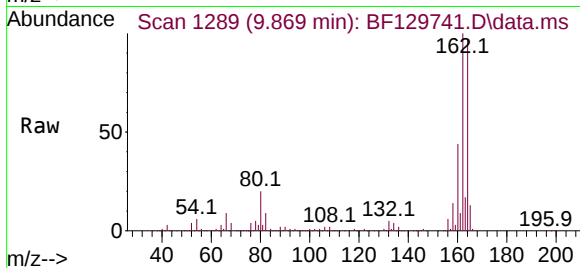
Tgt Ion:164 Resp: 319511

Ion Ratio Lower Upper

164 100

162 102.8 79.5 119.3

160 44.8 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.228 ng

RT: 8.992 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Tgt Ion:216 Resp: 387841

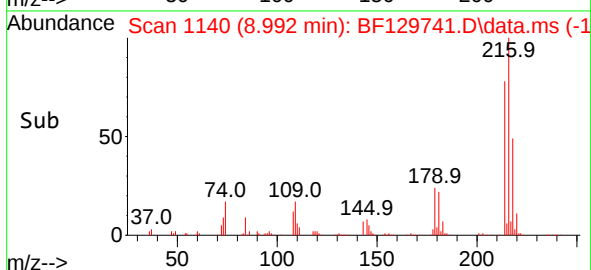
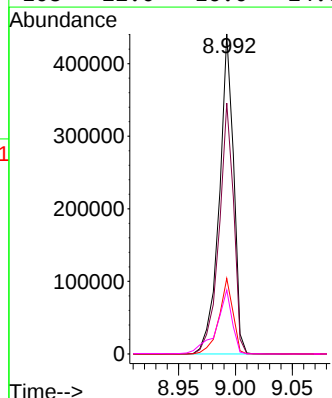
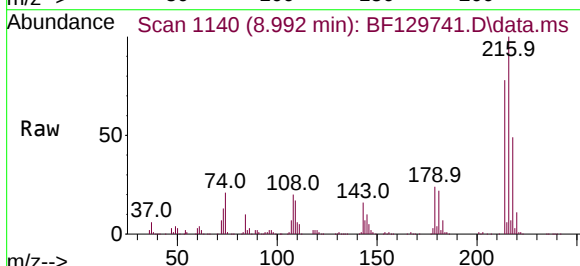
Ion Ratio Lower Upper

216 100

214 79.2 63.6 95.4

179 22.8 17.0 25.6

108 22.0 16.0 24.0

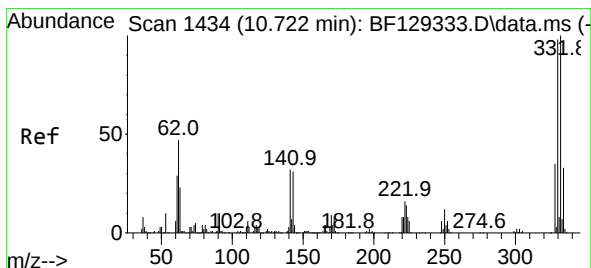
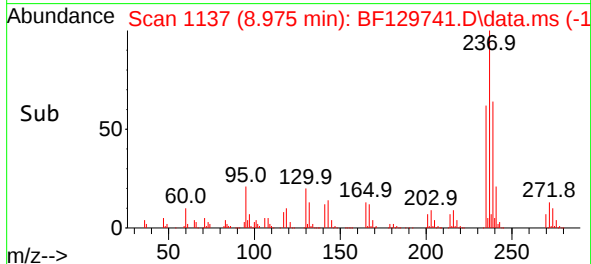
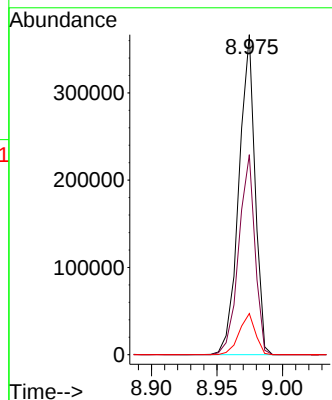
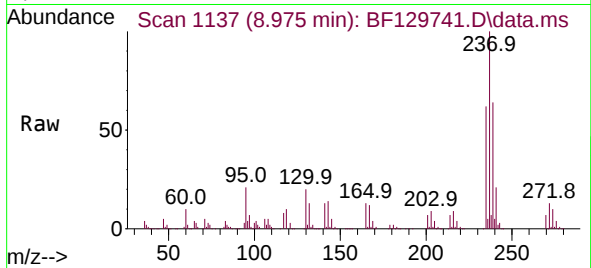




#41  
Hexachlorocyclopentadiene  
Concen: 84.429 ng  
RT: 8.975 min Scan# 1147  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

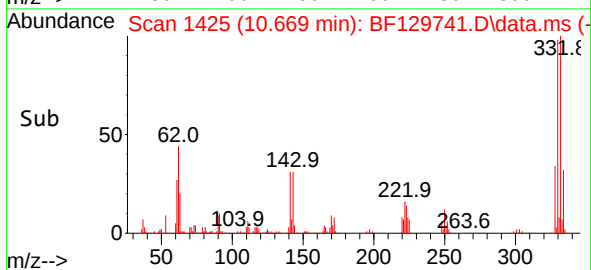
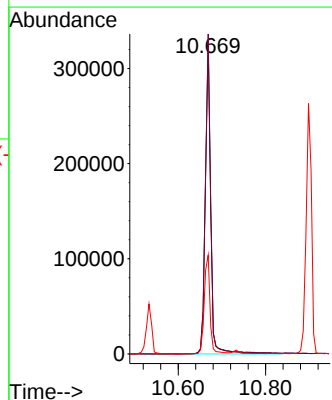
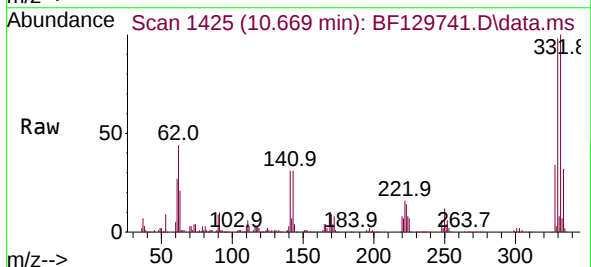
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

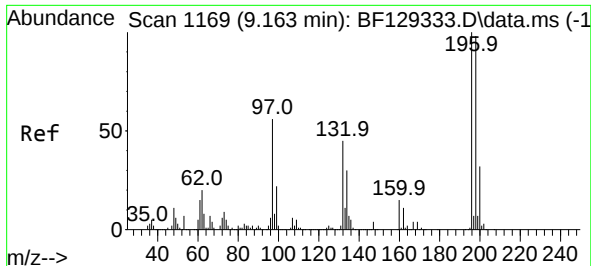
Tgt Ion:237 Resp: 315413  
Ion Ratio Lower Upper  
237 100  
235 62.5 43.2 83.2  
272 12.9 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 91.969 ng  
RT: 10.669 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:330 Resp: 282515  
Ion Ratio Lower Upper  
330 100  
332 100.6 76.8 115.2  
141 33.9 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 40.770 ng

RT: 9.116 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

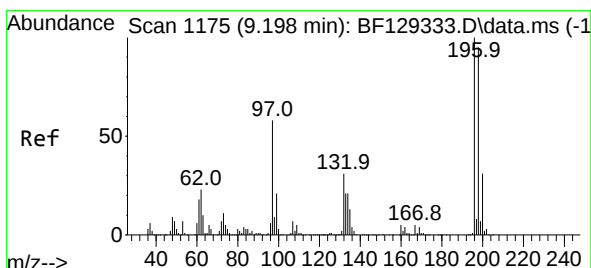
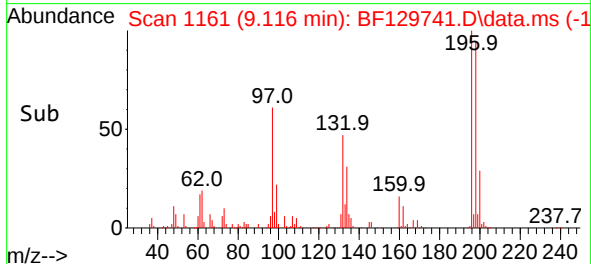
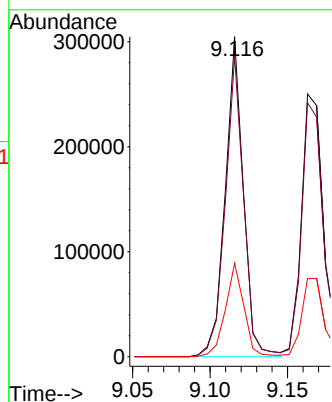
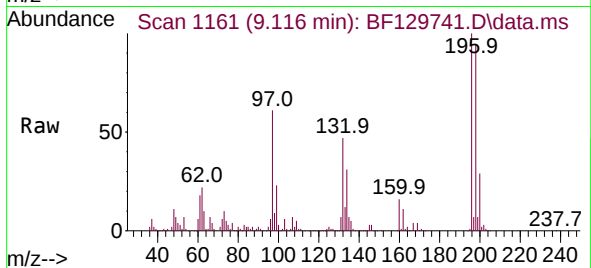
Tgt Ion:196 Resp: 248435

Ion Ratio Lower Upper

196 100

198 94.0 74.0 111.0

200 29.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 39.103 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Tgt Ion:196 Resp: 259117

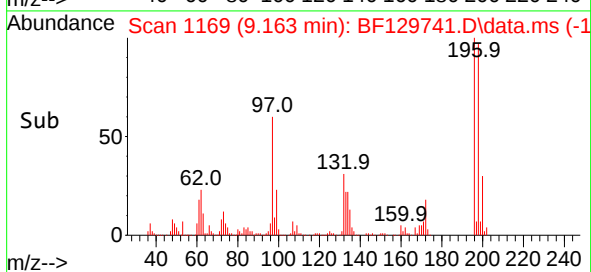
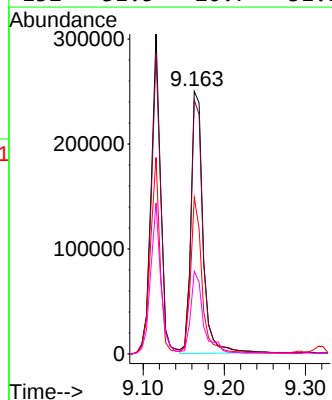
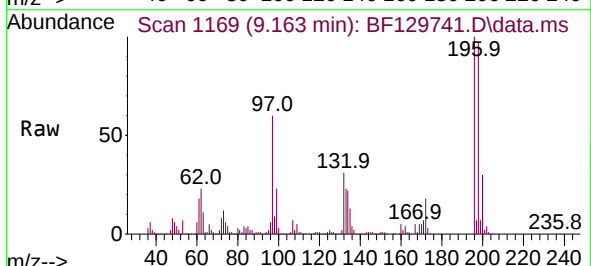
Ion Ratio Lower Upper

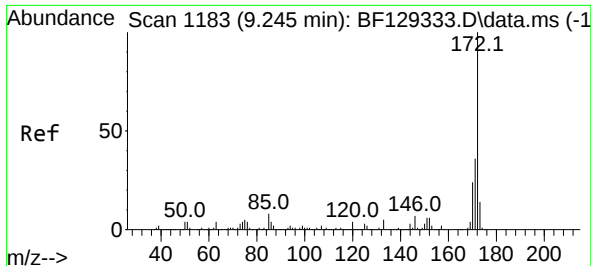
196 100

198 96.7 75.7 113.5

97 59.6 36.4 54.6#

132 31.5 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 86.902 ng

RT: 9.192 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

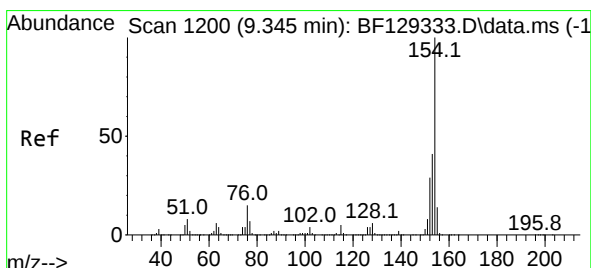
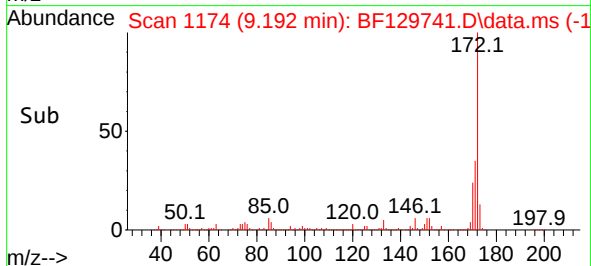
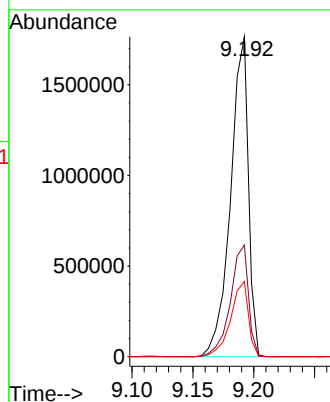
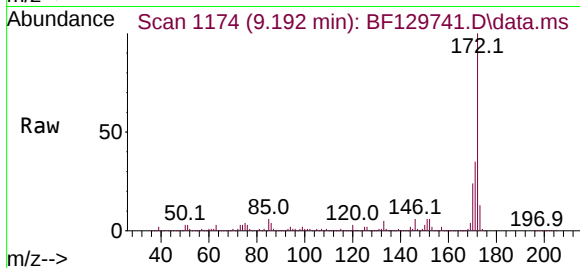
Tgt Ion:172 Resp: 1794898

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.5 19.8 29.8



#46

1,1'-Biphenyl

Concen: 45.610 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

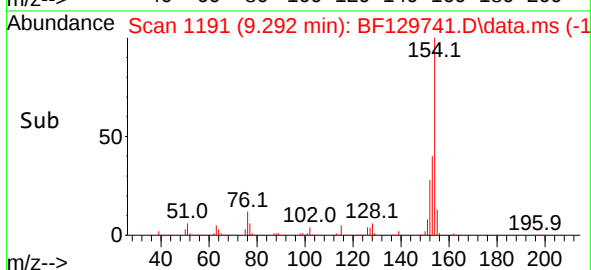
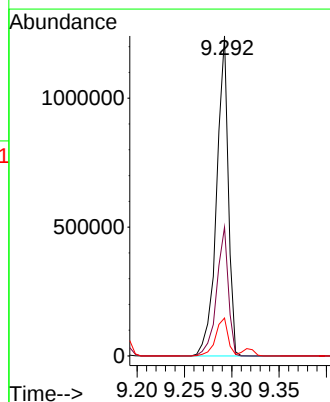
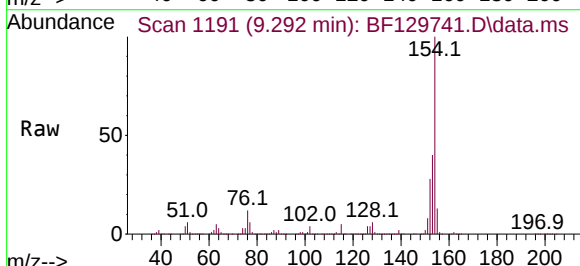
Tgt Ion:154 Resp: 1063536

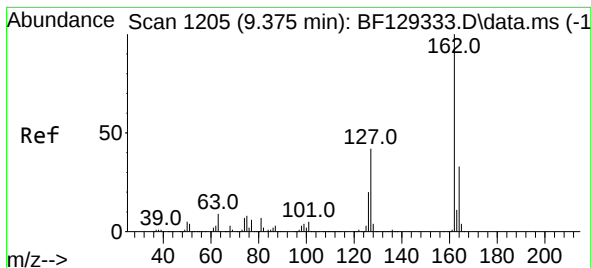
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 11.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.386 ng

RT: 9.322 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

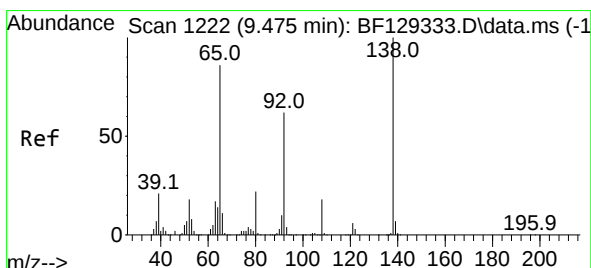
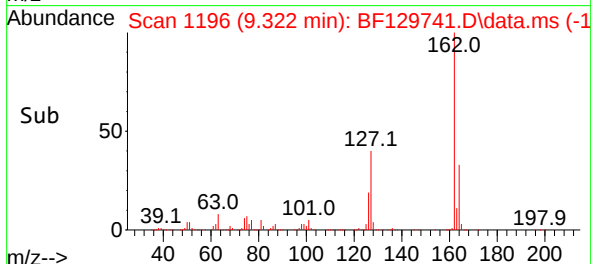
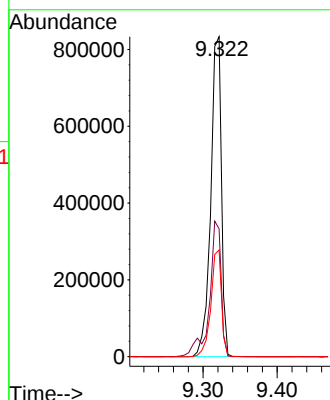
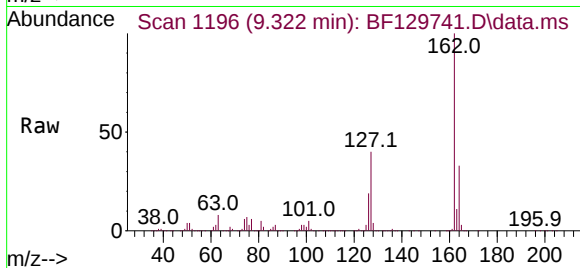
Tgt Ion:162 Resp: 836693

Ion Ratio Lower Upper

162 100

127 39.9 34.5 51.7

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 41.645 ng

RT: 9.428 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

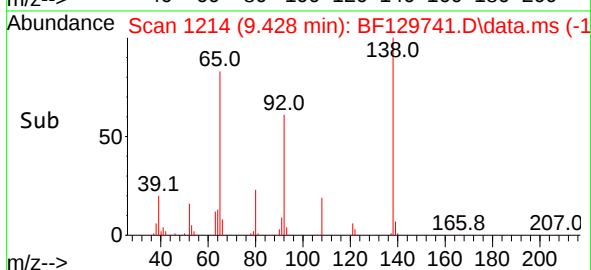
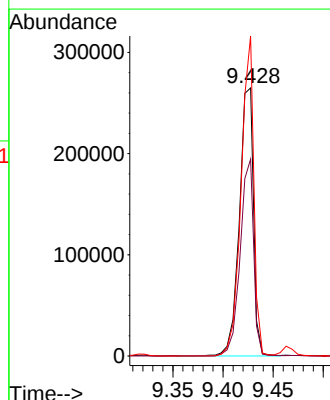
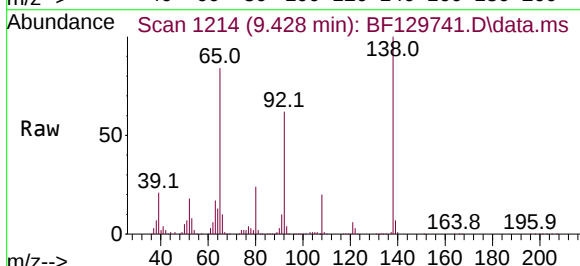
Tgt Ion: 65 Resp: 261039

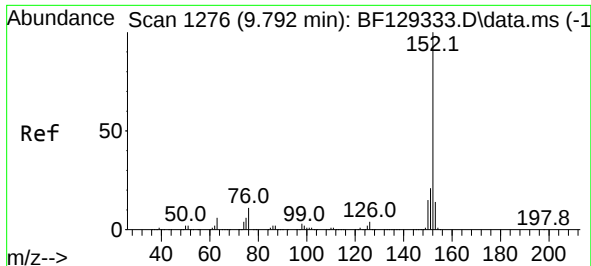
Ion Ratio Lower Upper

65 100

92 73.5 51.9 77.9

138 119.4 76.4 114.6#





#49

Acenaphthylene

Concen: 45.841 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

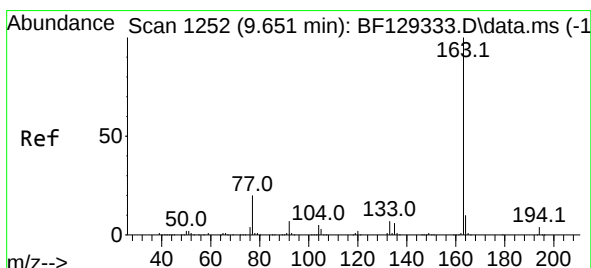
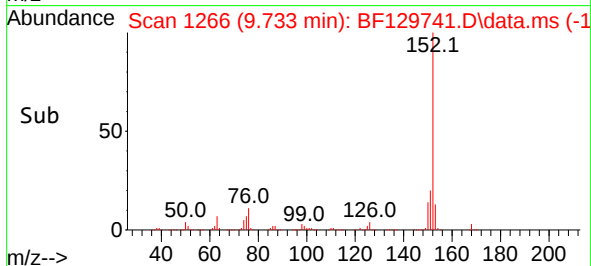
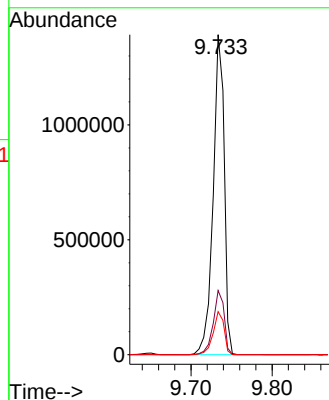
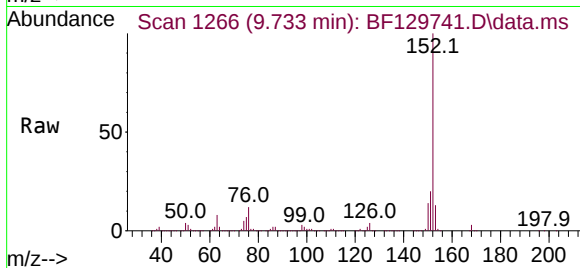
Tgt Ion:152 Resp: 1313013

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.5 10.7 16.1



#50

Dimethylphthalate

Concen: 44.530 ng

RT: 9.592 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

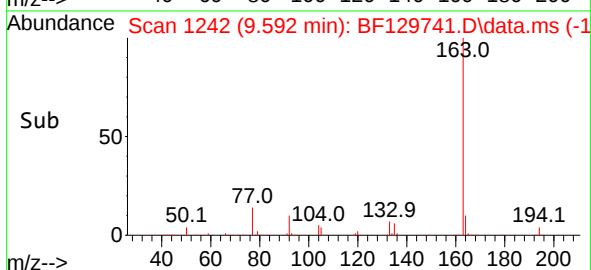
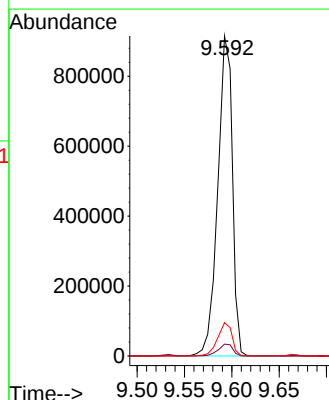
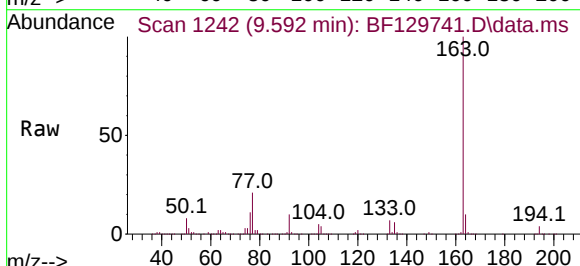
Tgt Ion:163 Resp: 982197

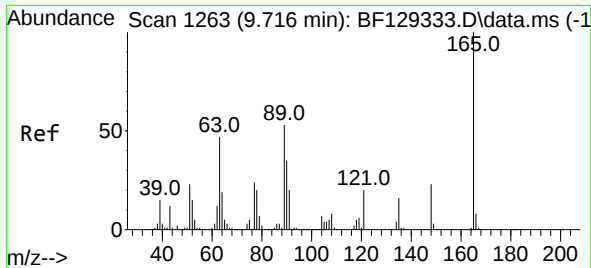
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.4 8.2 12.2

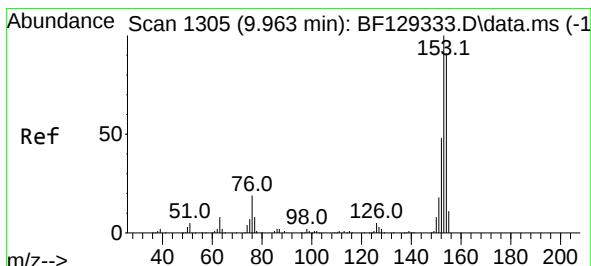
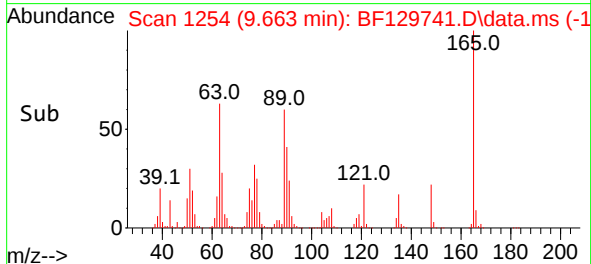
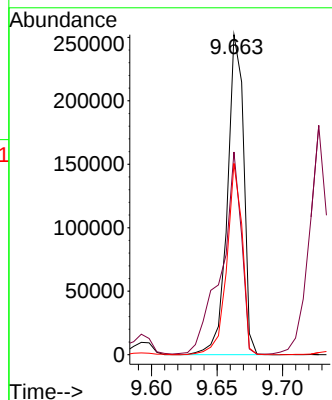
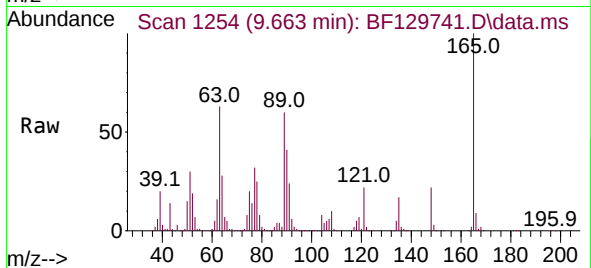




#51  
2,6-Dinitrotoluene  
Concen: 44.056 ng  
RT: 9.663 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

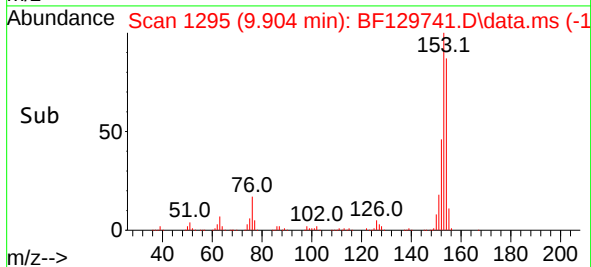
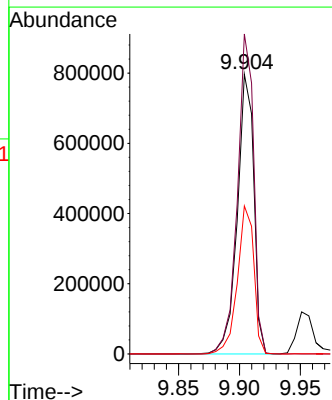
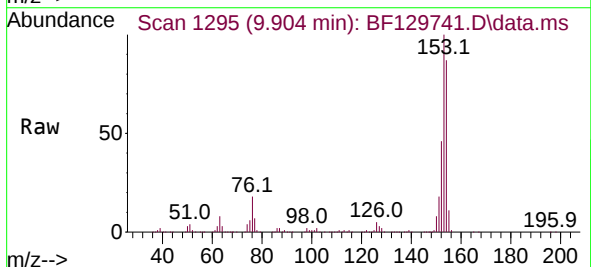
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

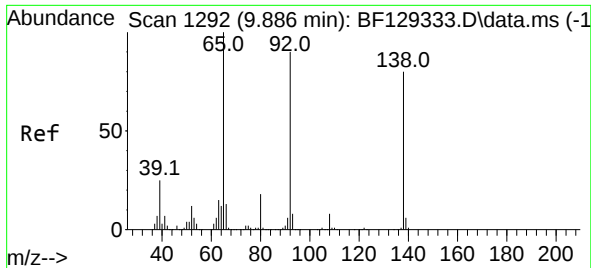
Tgt Ion:165 Resp: 217493  
Ion Ratio Lower Upper  
165 100  
63 63.3 44.9 67.3  
89 59.8 43.6 65.4



#52  
Acenaphthene  
Concen: 40.221 ng  
RT: 9.904 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:154 Resp: 752449  
Ion Ratio Lower Upper  
154 100  
153 114.4 89.6 134.4  
152 52.9 42.4 63.6

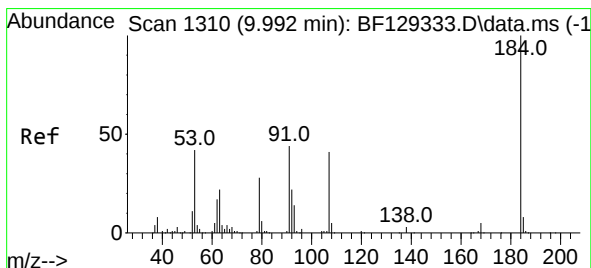
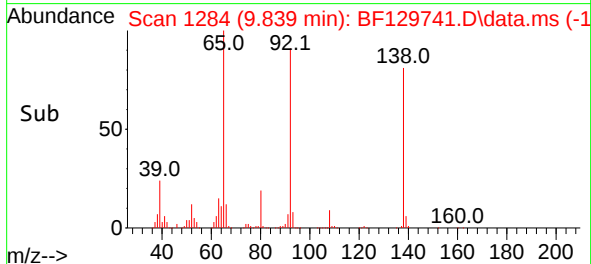
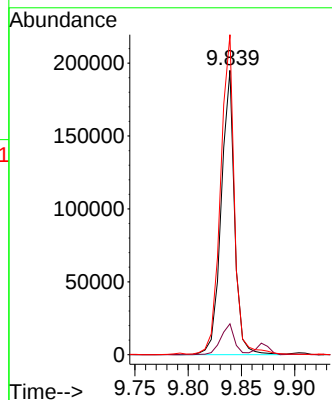
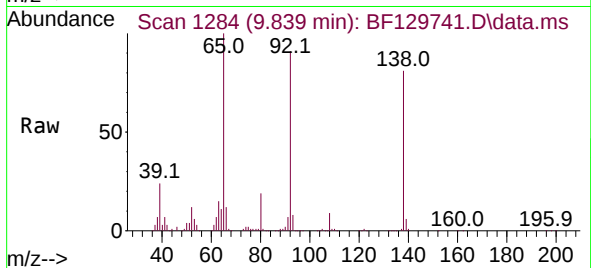




#53  
3-Nitroaniline  
Concen: 29.127 ng  
RT: 9.839 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

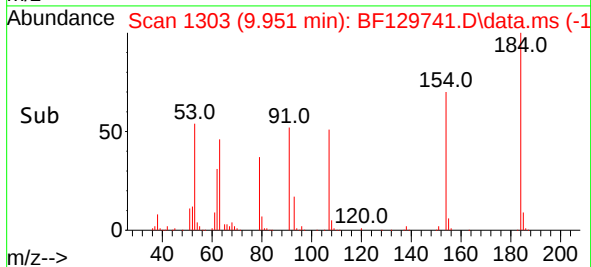
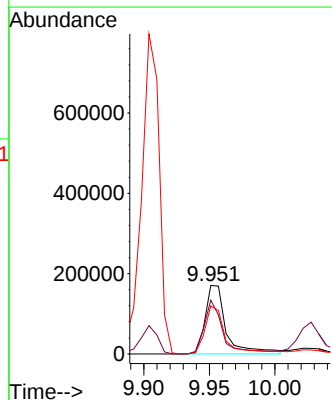
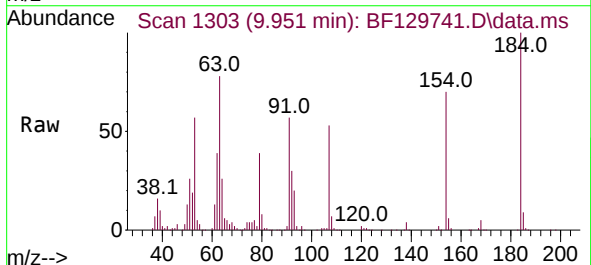
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

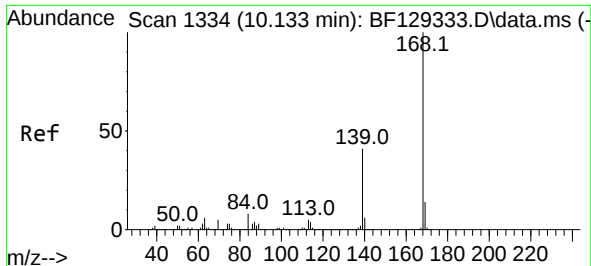
Tgt Ion:138 Resp: 169796  
Ion Ratio Lower Upper  
138 100  
108 10.9 10.9 16.3#  
92 112.5 98.2 147.2



#54  
2,4-Dinitrophenol  
Concen: 76.456 ng  
RT: 9.951 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:184 Resp: 192684  
Ion Ratio Lower Upper  
184 100  
63 78.4 64.5 96.7  
154 70.2 50.6 75.8

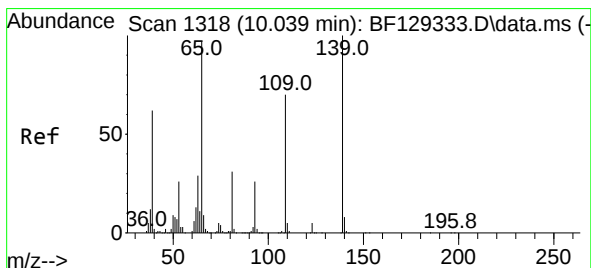
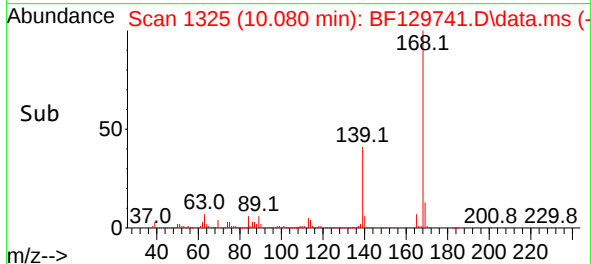
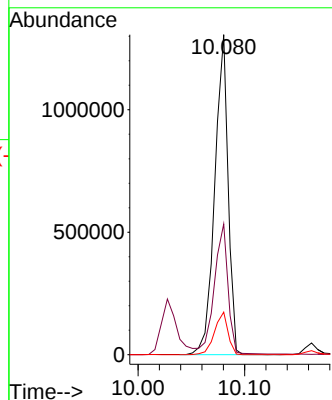
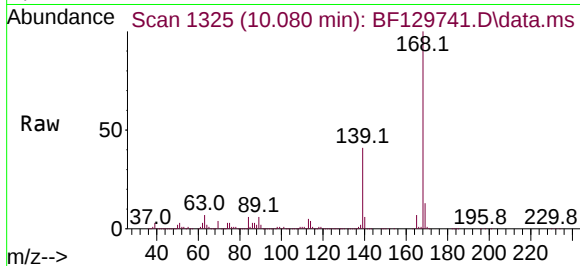




#55  
Dibenzenofuran  
Concen: 43.957 ng  
RT: 10.080 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

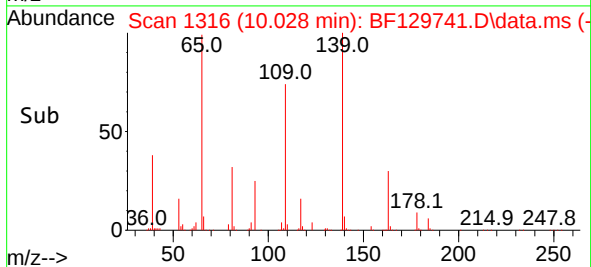
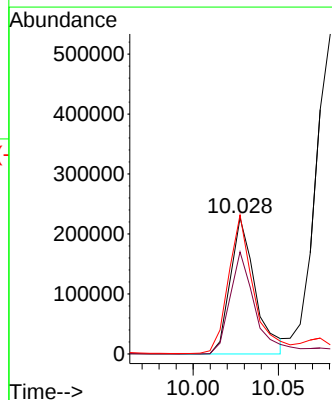
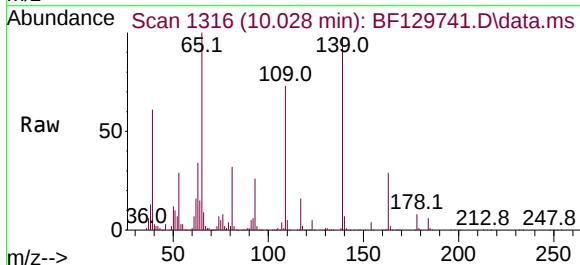
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

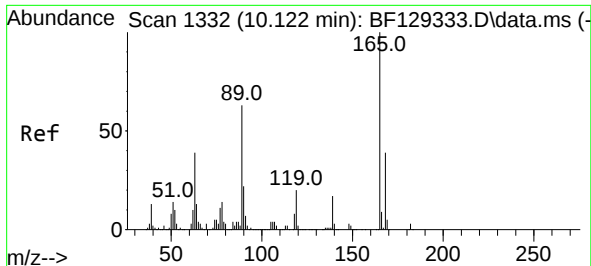
Tgt Ion:168 Resp: 1133622  
Ion Ratio Lower Upper  
168 100  
139 40.8 30.6 46.0  
169 13.3 11.0 16.6



#56  
4-Nitrophenol  
Concen: 53.679 ng  
RT: 10.028 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:139 Resp: 230859  
Ion Ratio Lower Upper  
139 100  
109 74.9 50.7 90.7  
65 102.0 74.5 114.5

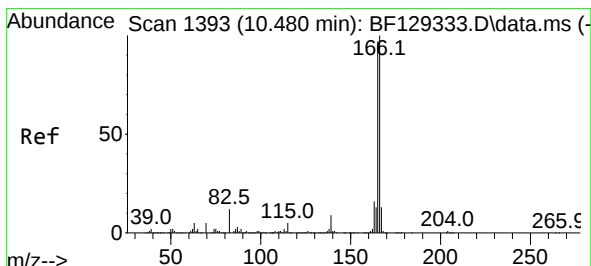
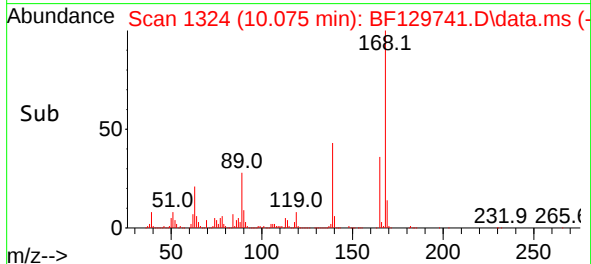
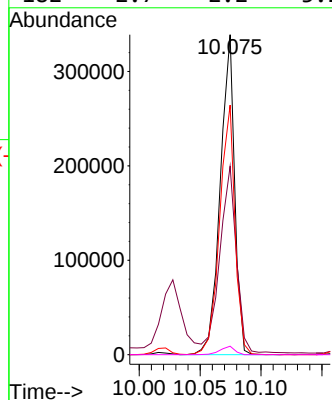
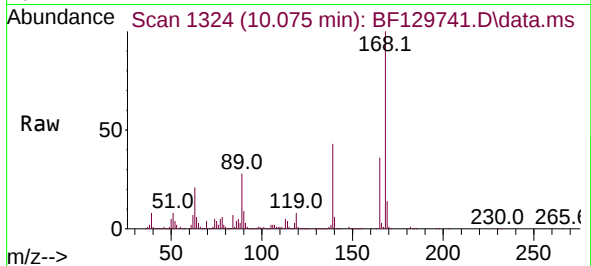




#57  
2,4-Dinitrotoluene  
Concen: 43.210 ng  
RT: 10.075 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

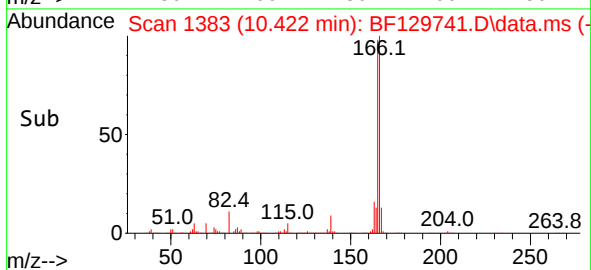
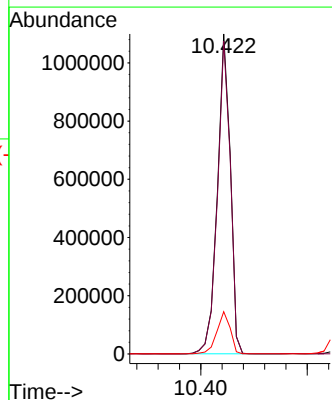
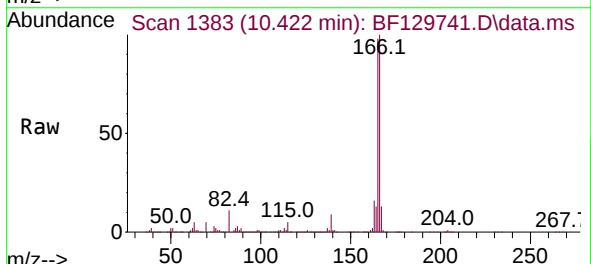
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

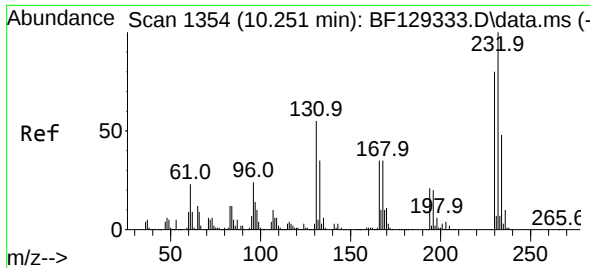
Tgt Ion:165 Resp: 278665  
Ion Ratio Lower Upper  
165 100  
63 58.9 39.8 59.6  
89 78.0 60.2 90.2  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 44.612 ng  
RT: 10.422 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:166 Resp: 920549  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.1 117.1  
167 13.2 10.5 15.7

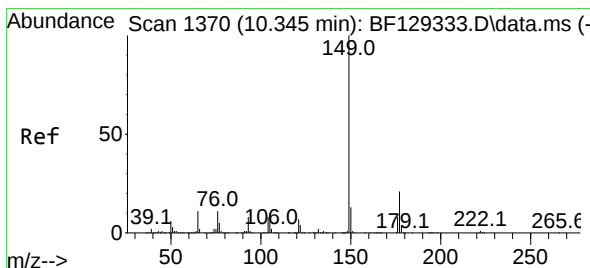
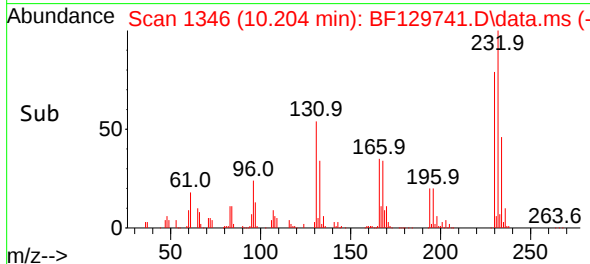
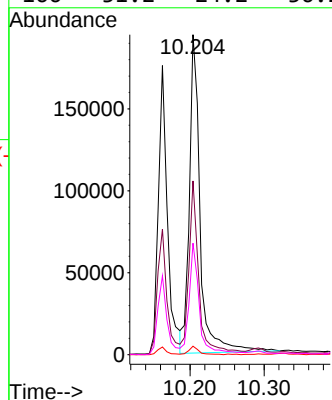
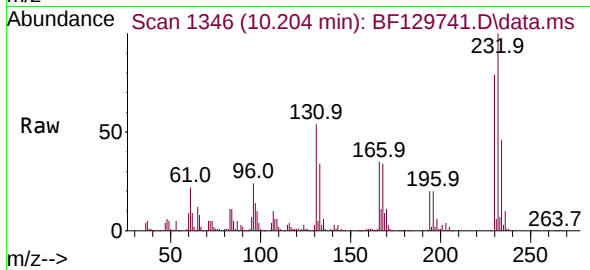




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.490 ng  
RT: 10.204 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

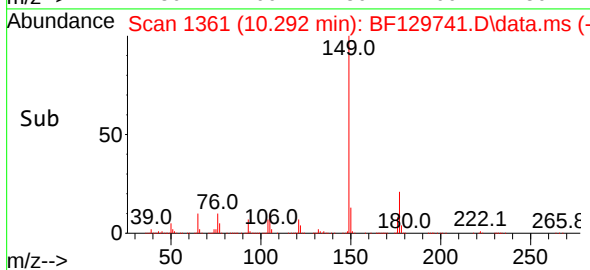
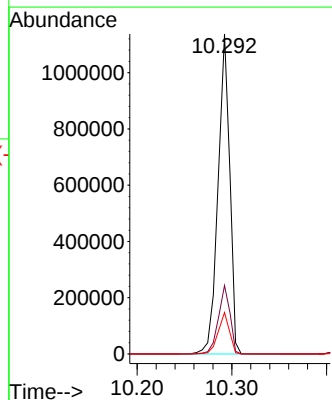
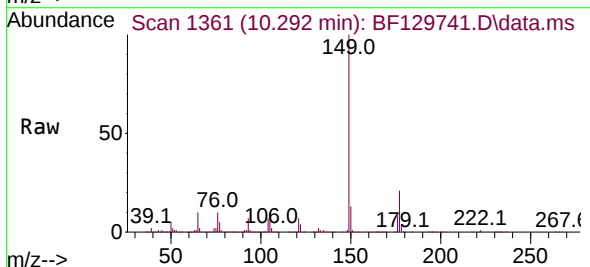
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

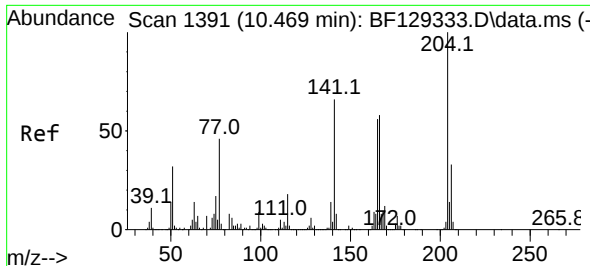
Tgt Ion:232 Resp: 197105  
Ion Ratio Lower Upper  
232 100  
131 47.4 36.1 54.1  
130 2.5 1.8 2.8  
166 31.2 24.2 36.2



#60  
Diethylphthalate  
Concen: 45.593 ng  
RT: 10.292 min Scan# 1361  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:149 Resp: 972129  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.3 25.9  
150 12.9 10.2 15.2

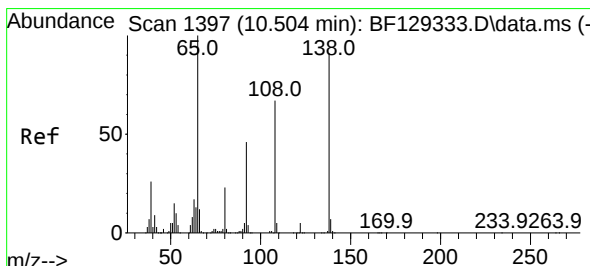
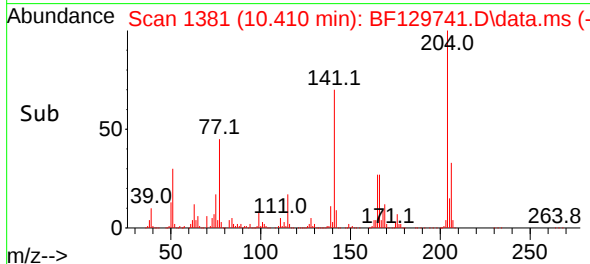
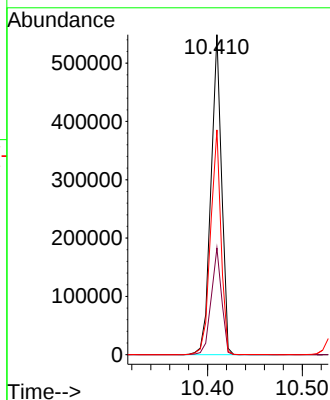
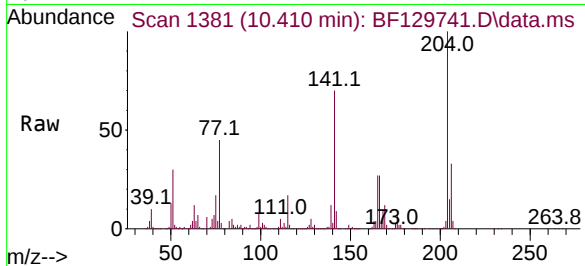




#61  
4-Chlorophenyl-phenylether  
Concen: 46.925 ng  
RT: 10.410 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

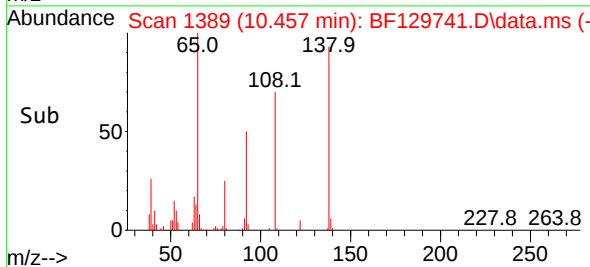
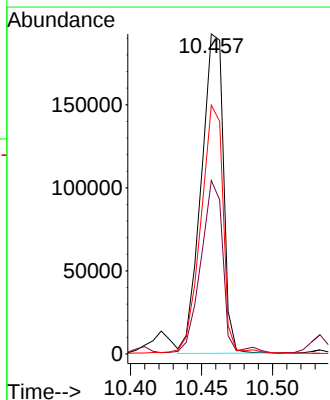
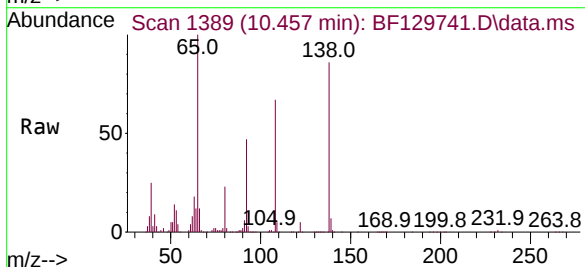
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

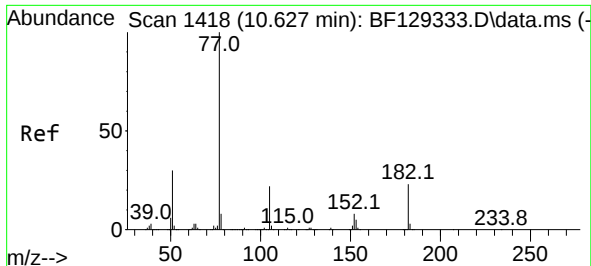
Tgt Ion:204 Resp: 426875  
Ion Ratio Lower Upper  
204 100  
206 33.3 25.8 38.6  
141 70.2 47.0 70.4



#62  
4-Nitroaniline  
Concen: 36.093 ng  
RT: 10.457 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:138 Resp: 208725  
Ion Ratio Lower Upper  
138 100  
92 54.2 33.5 73.5  
108 77.8 61.0 101.0

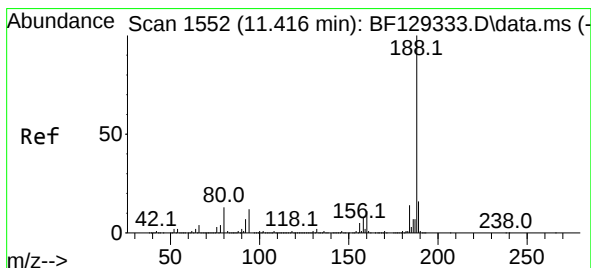
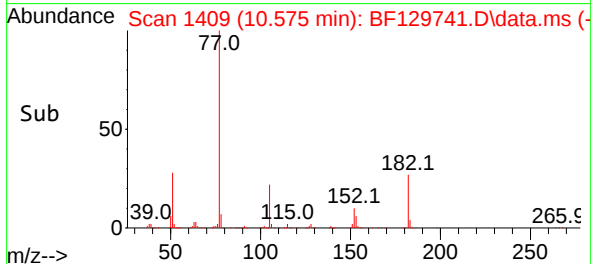
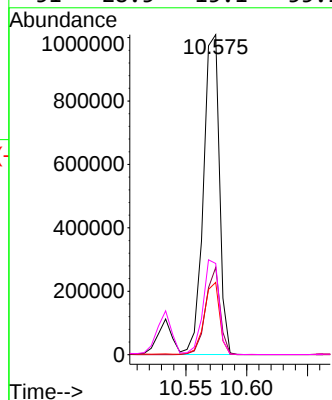
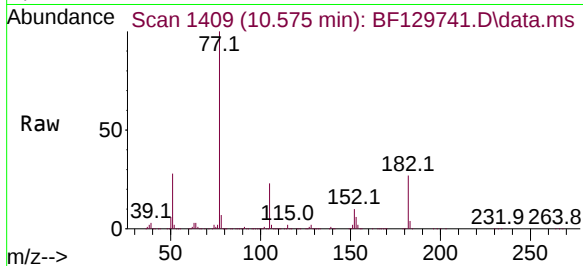




#63  
Azobenzene  
Concen: 42.377 ng  
RT: 10.575 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

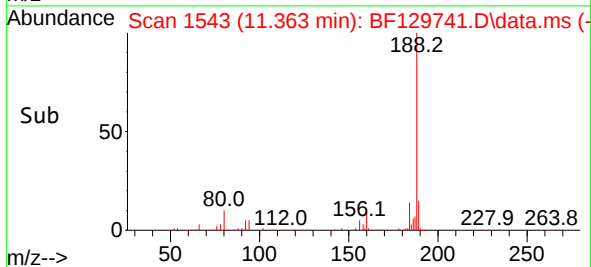
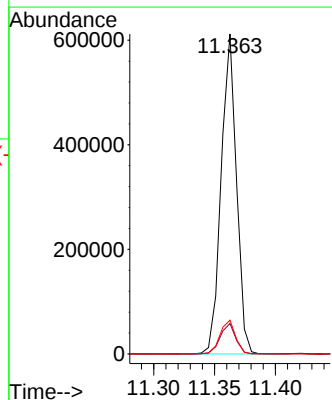
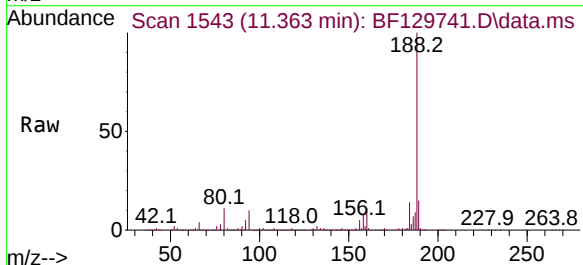
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

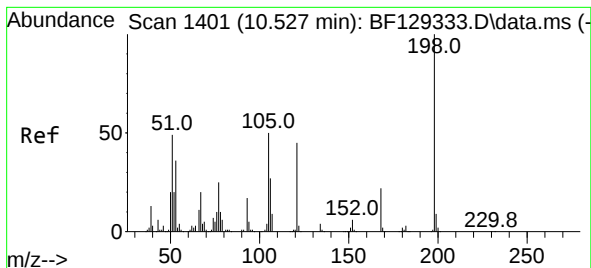
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 921596 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.3    | 5.6 45.6     |
| 105 22.6    | 1.6 41.6     |
| 51 28.5     | 15.1 55.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1543  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 536131 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.5      | 7.0 10.6     |
| 80 10.6     | 7.6 11.4     |

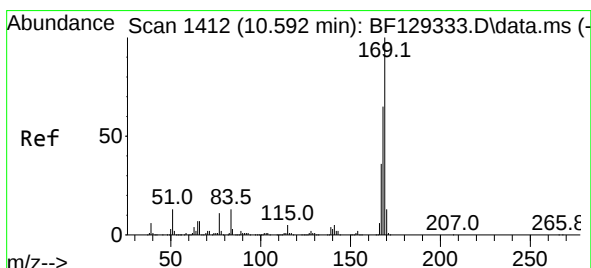
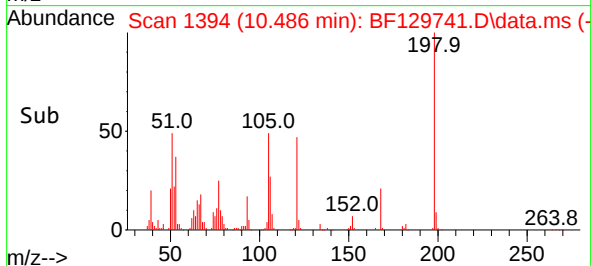
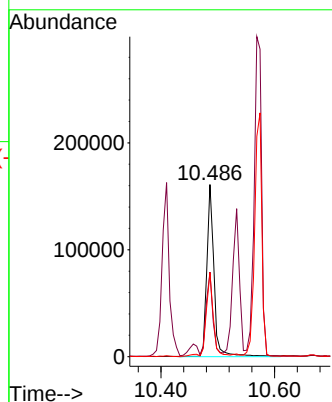
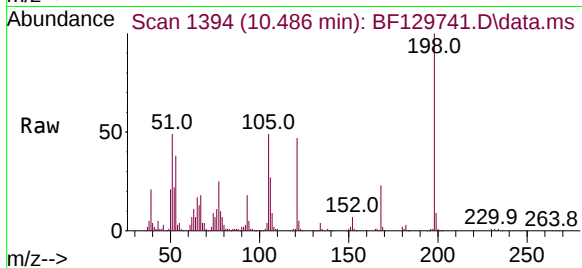




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.864 ng  
RT: 10.486 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

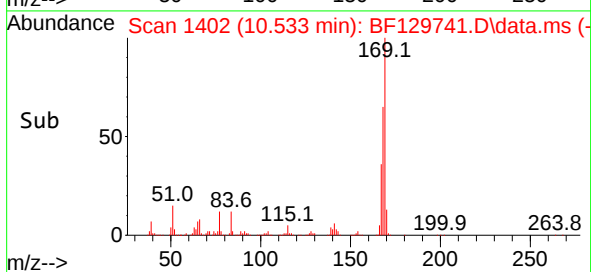
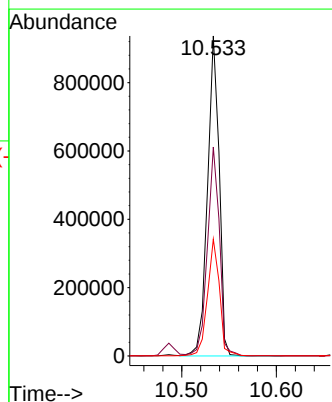
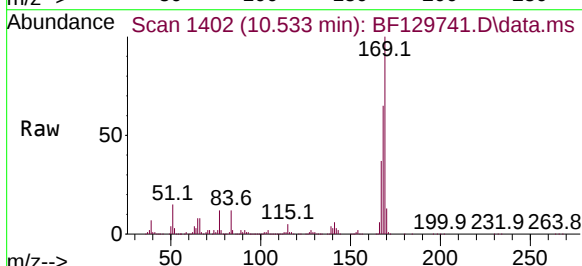
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

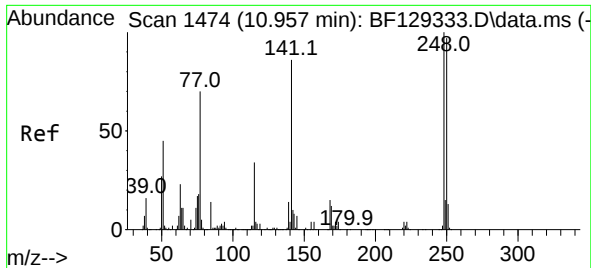
Tgt Ion:198 Resp: 141663  
Ion Ratio Lower Upper  
198 100  
51 49.2 37.6 77.6  
105 48.9 27.0 67.0



#66  
n-Nitrosodiphenylamine  
Concen: 44.755 ng  
RT: 10.533 min Scan# 1402  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:169 Resp: 799071  
Ion Ratio Lower Upper  
169 100  
168 65.3 50.1 75.1  
167 36.5 27.9 41.9

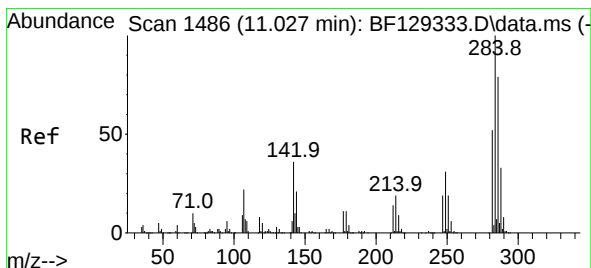
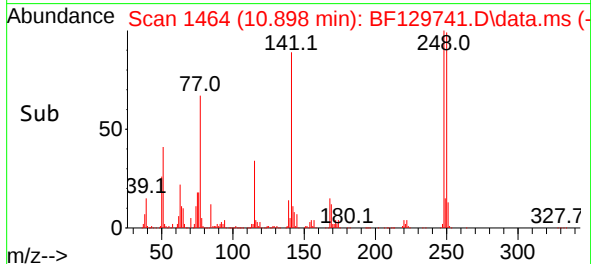
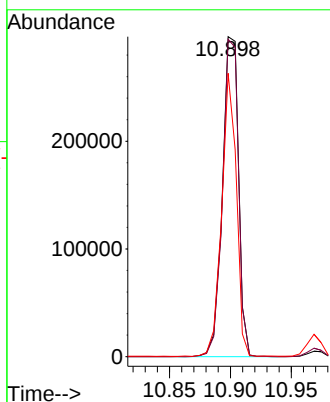
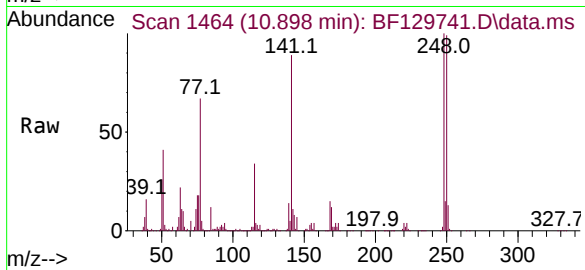




#67  
4-Bromophenyl-phenylether  
Concen: 46.828 ng  
RT: 10.898 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

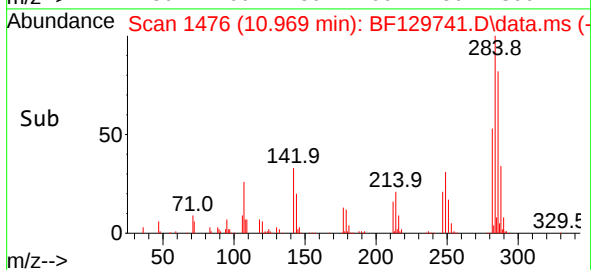
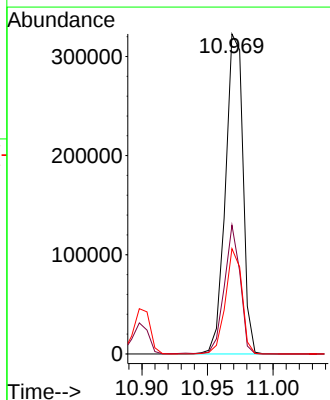
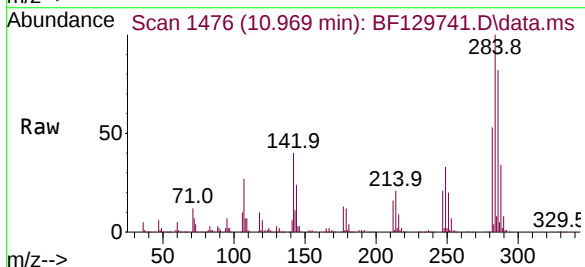
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

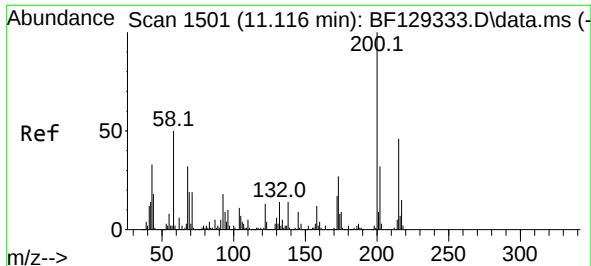
Tgt Ion:248 Resp: 274920  
Ion Ratio Lower Upper  
248 100  
250 99.2 80.6 120.8  
141 88.6 58.9 88.3#



#68  
Hexachlorobenzene  
Concen: 47.002 ng  
RT: 10.969 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:284 Resp: 298985  
Ion Ratio Lower Upper  
284 100  
142 40.3 29.0 43.4  
249 32.9 25.0 37.6

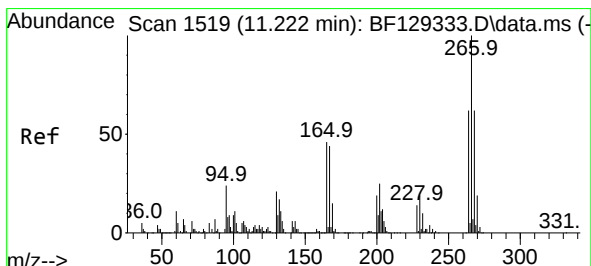
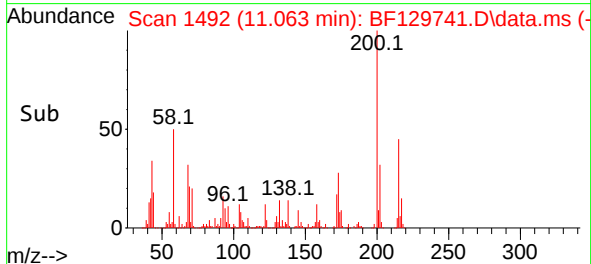
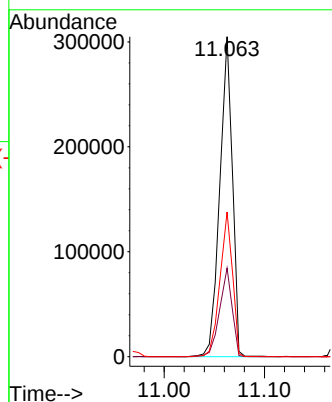
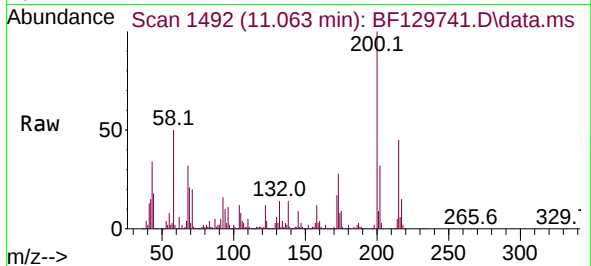




#69  
Atrazine  
Concen: 49.009 ng  
RT: 11.063 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

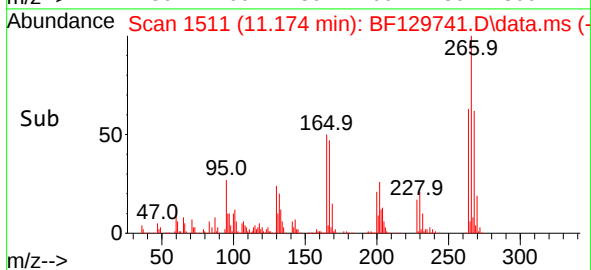
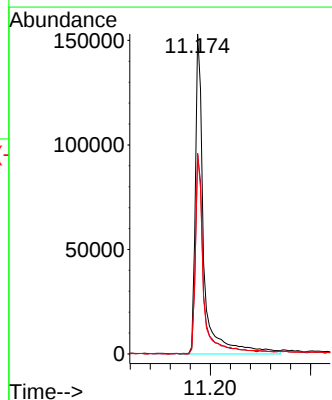
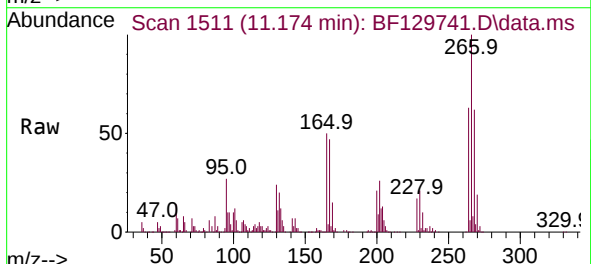
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

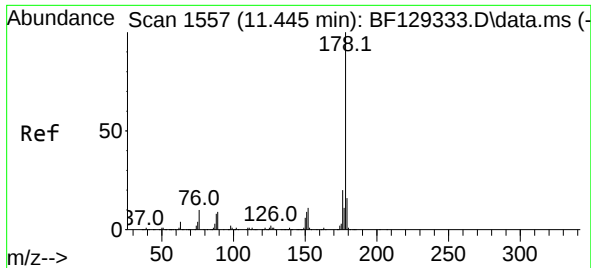
Tgt Ion:200 Resp: 265783  
Ion Ratio Lower Upper  
200 100  
173 27.7 6.3 46.3  
215 45.2 28.3 68.3



#70  
Pentachlorophenol  
Concen: 51.887 ng  
RT: 11.174 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:266 Resp: 179431  
Ion Ratio Lower Upper  
266 100  
268 62.3 51.0 76.4  
264 62.8 49.4 74.2

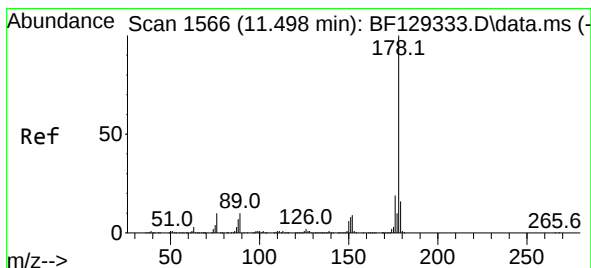
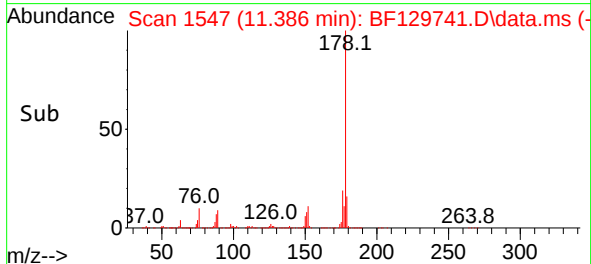
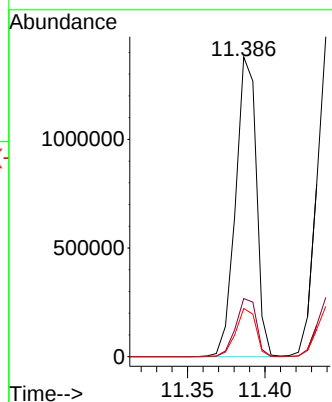
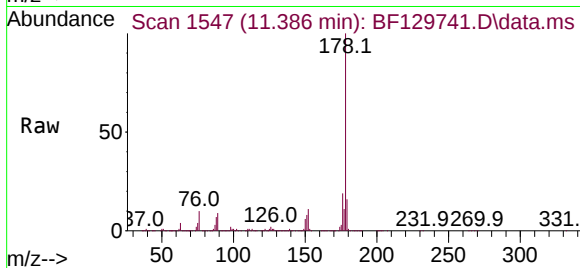




#71  
Phenanthrene  
Concen: 43.915 ng  
RT: 11.386 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

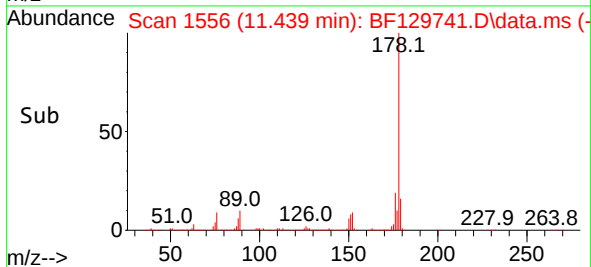
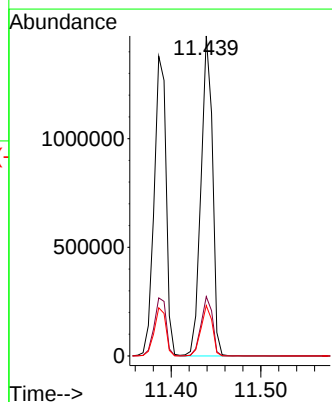
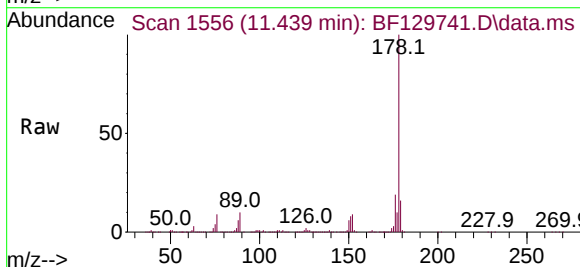
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

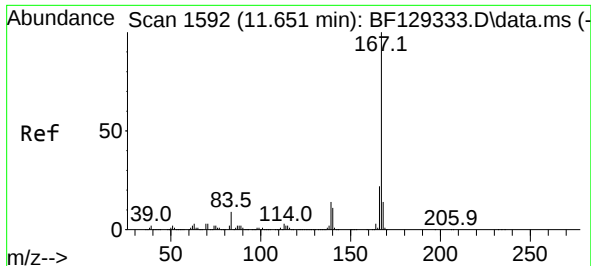
Tgt Ion:178 Resp: 1285205  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.0 24.0  
179 16.1 12.6 19.0



#72  
Anthracene  
Concen: 45.540 ng  
RT: 11.439 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:178 Resp: 1309720  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.4 23.2  
179 15.8 12.6 19.0

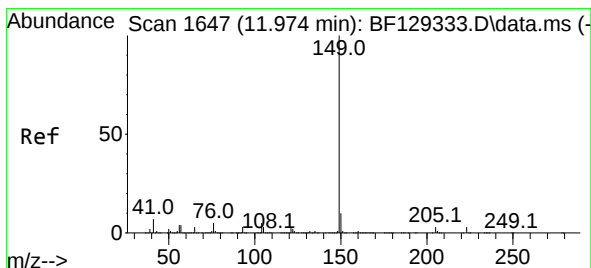
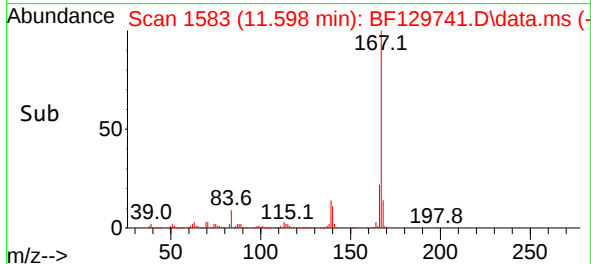
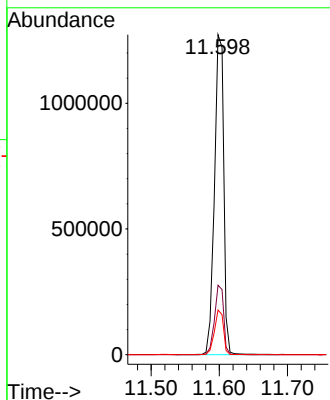
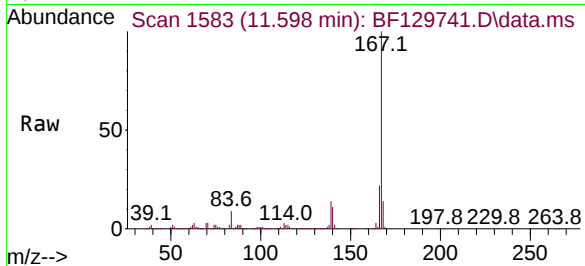




#73  
 Carbazole  
 Concen: 44.435 ng  
 RT: 11.598 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF129741.D  
 Acq: 12 Aug 2022 13:27

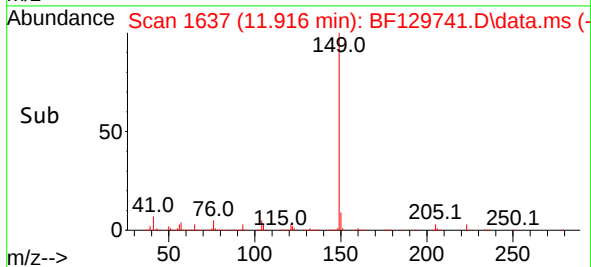
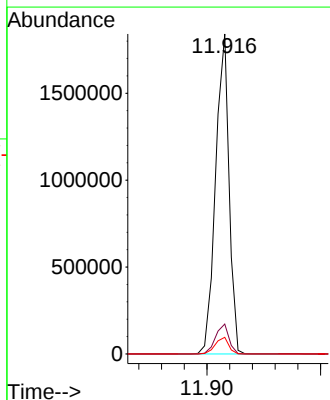
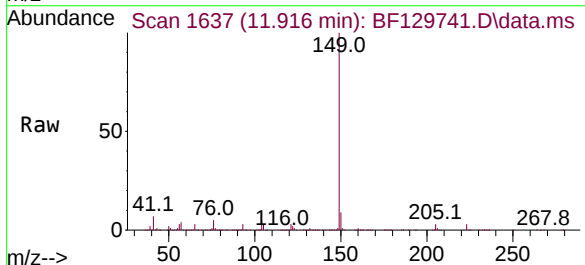
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146781BS

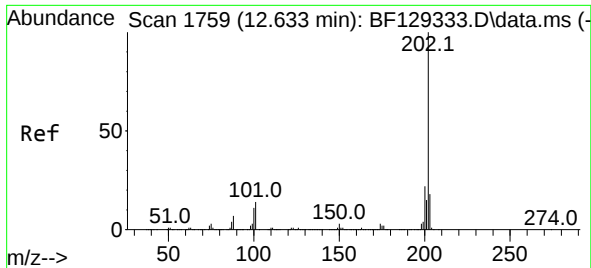
Tgt Ion:167 Resp: 1202986  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.7 26.5  
 139 13.9 11.2 16.8



#74  
 Di-n-butylphthalate  
 Concen: 47.002 ng  
 RT: 11.916 min Scan# 1637  
 Delta R.T. -0.000 min  
 Lab File: BF129741.D  
 Acq: 12 Aug 2022 13:27

Tgt Ion:149 Resp: 1515393  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 5.2 4.4 6.6

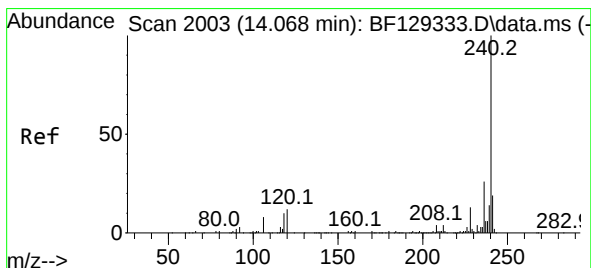
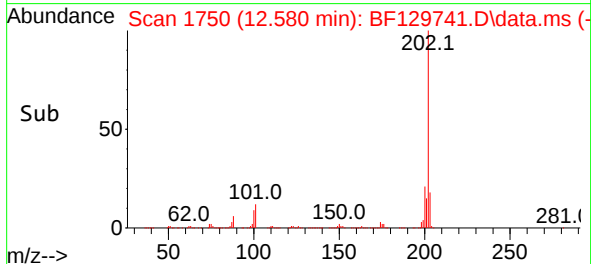
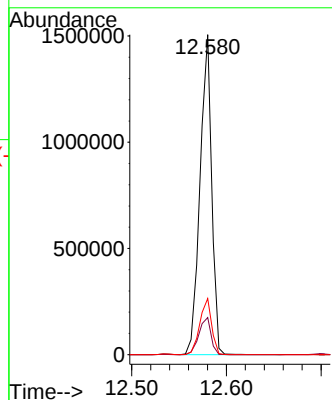
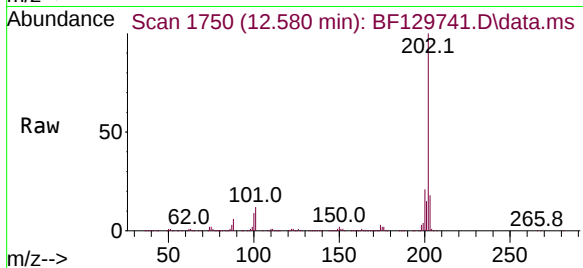




#75  
Fluoranthene  
Concen: 43.418 ng  
RT: 12.580 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

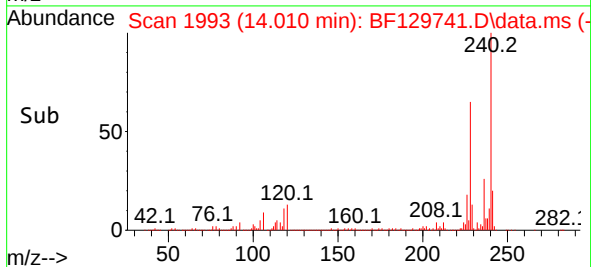
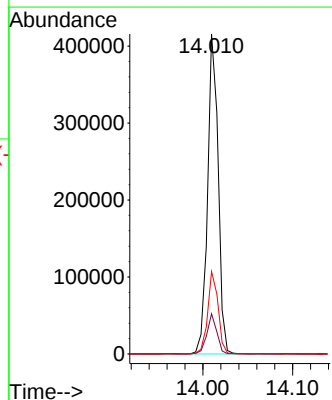
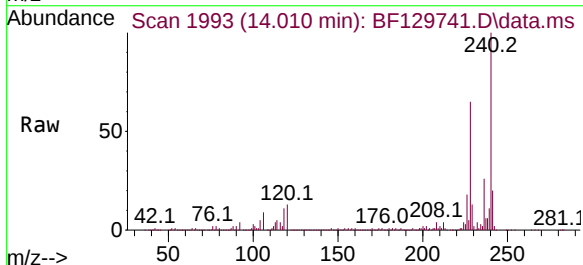
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

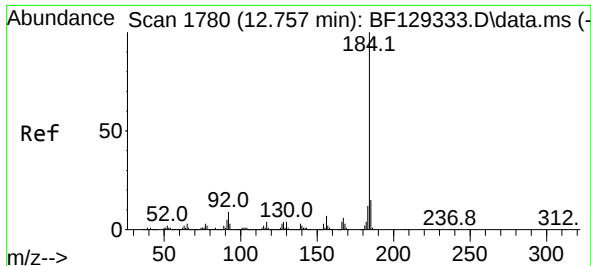
Tgt Ion:202 Resp: 1287464  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 31.4  
203 17.5 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:240 Resp: 339749  
Ion Ratio Lower Upper  
240 100  
120 12.5 8.9 13.3  
236 25.8 20.8 31.2

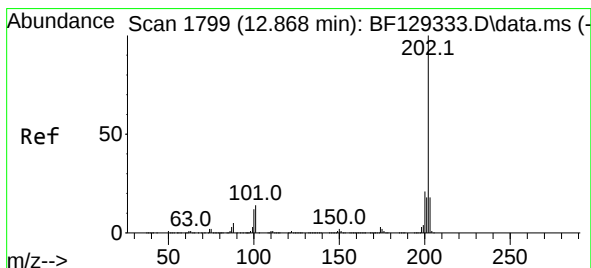
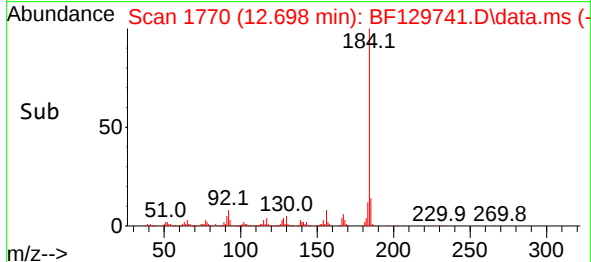
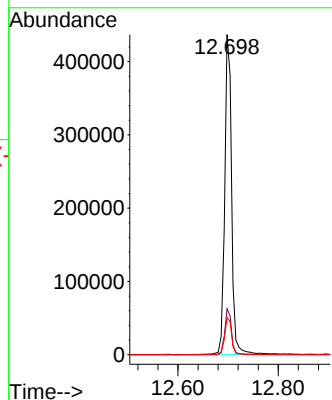
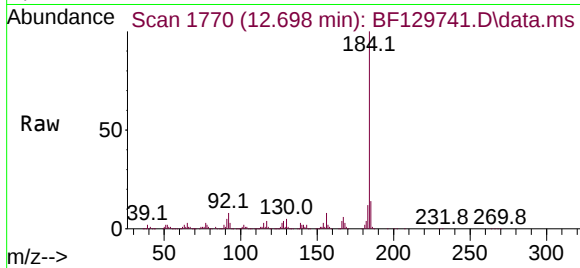




#77  
Benzidine  
Concen: 34.755 ng  
RT: 12.698 min Scan# 1770  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

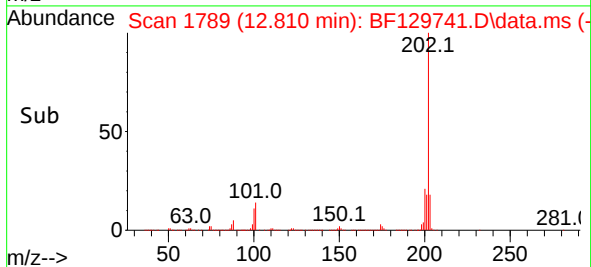
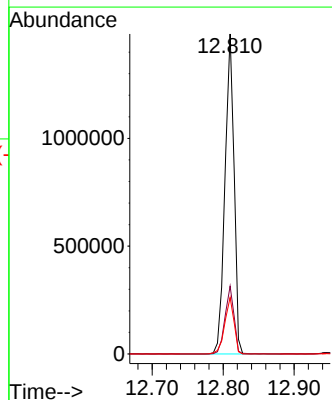
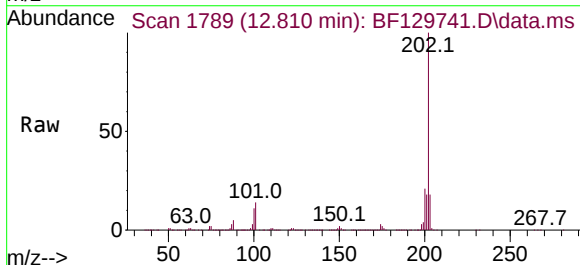
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

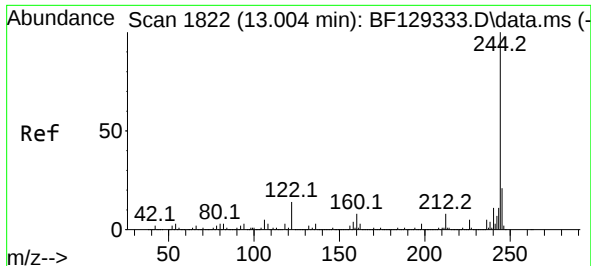
Tgt Ion:184 Resp: 417146  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.9 17.9  
183 11.6 9.3 13.9



#78  
Pyrene  
Concen: 46.036 ng  
RT: 12.810 min Scan# 1789  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:202 Resp: 1307909  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.7 26.5  
203 17.7 14.6 21.8

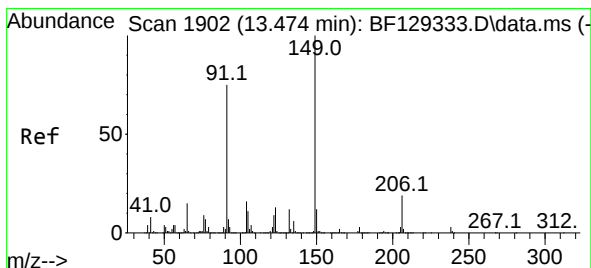
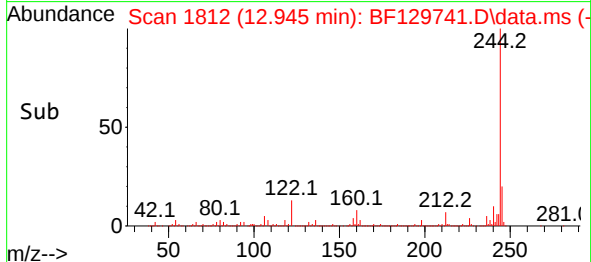
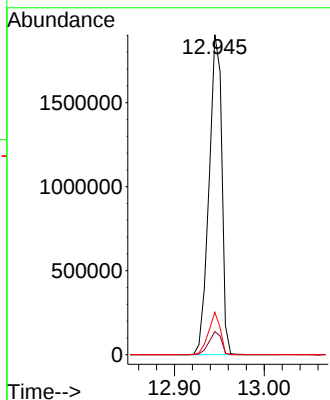
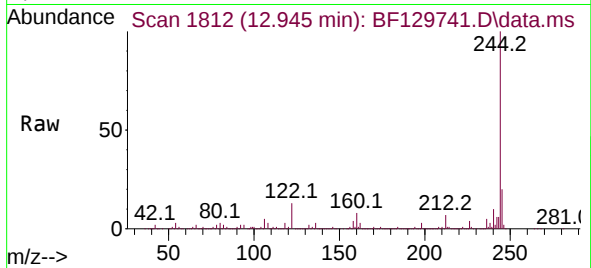




#79  
 Terphenyl-d14  
 Concen: 104.113 ng  
 RT: 12.945 min Scan# 1812  
 Delta R.T. -0.000 min  
 Lab File: BF129741.D  
 Acq: 12 Aug 2022 13:27

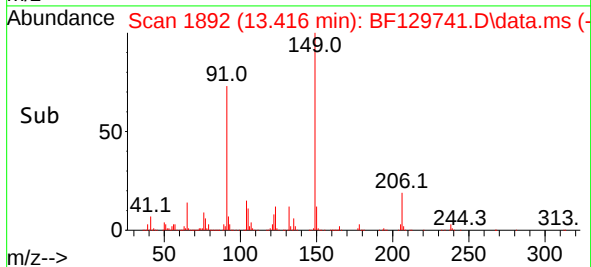
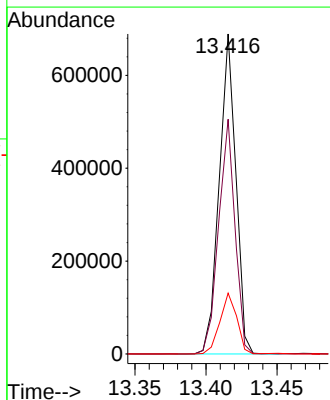
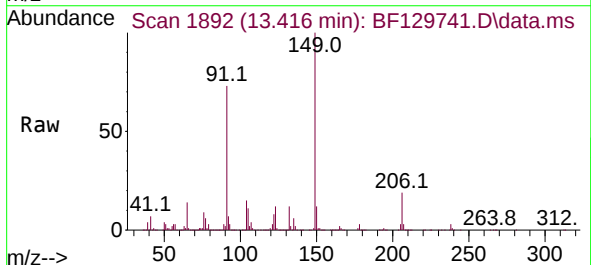
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146781BS

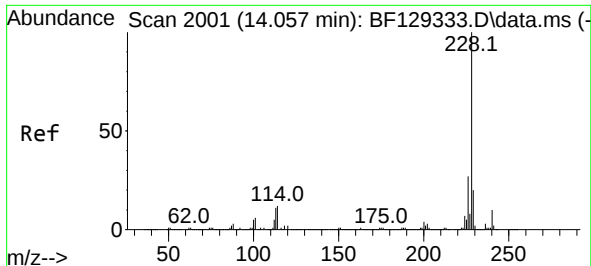
Tgt Ion:244 Resp: 1874943  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.1 9.1  
 122 13.3 8.8 13.2#



#80  
 Butylbenzylphthalate  
 Concen: 45.445 ng  
 RT: 13.416 min Scan# 1892  
 Delta R.T. -0.000 min  
 Lab File: BF129741.D  
 Acq: 12 Aug 2022 13:27

Tgt Ion:149 Resp: 560029  
 Ion Ratio Lower Upper  
 149 100  
 91 73.3 61.2 91.8  
 206 19.0 15.7 23.5

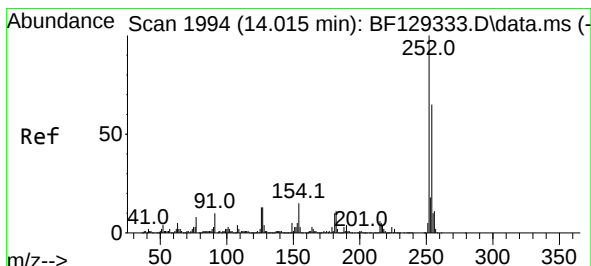
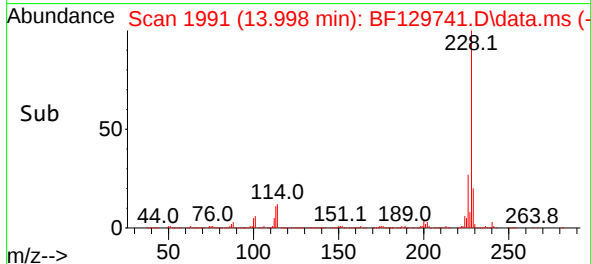
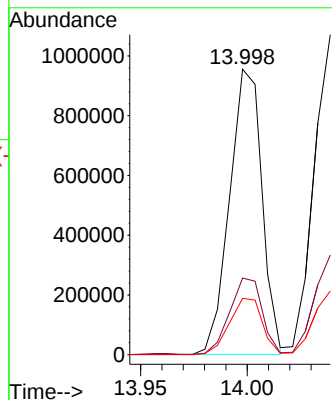
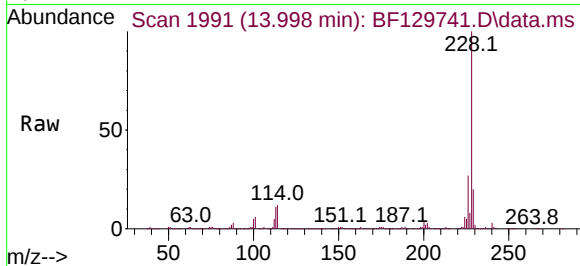




#81  
Benzo(a)anthracene  
Concen: 43.509 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

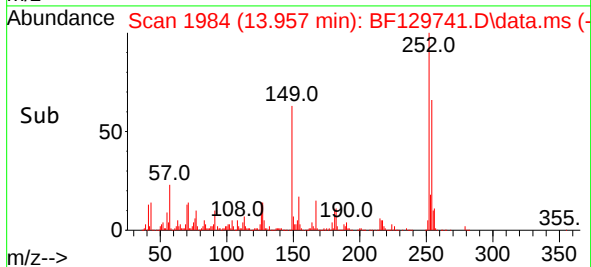
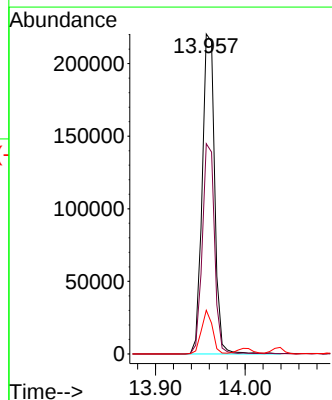
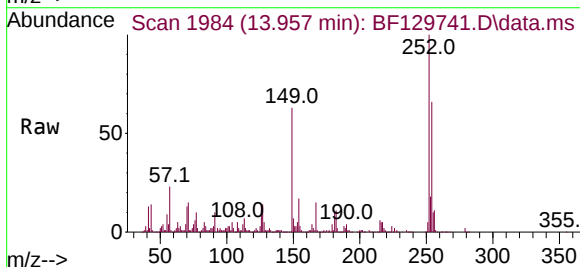
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

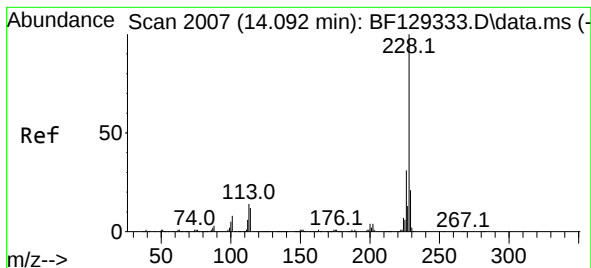
Tgt Ion:228 Resp: 1009771  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.1 33.1  
229 19.8 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 27.736 ng  
RT: 13.957 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:252 Resp: 212527  
Ion Ratio Lower Upper  
252 100  
254 65.7 50.2 75.4  
126 13.6 8.2 12.4#





#83

Chrysene

Concen: 42.280 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

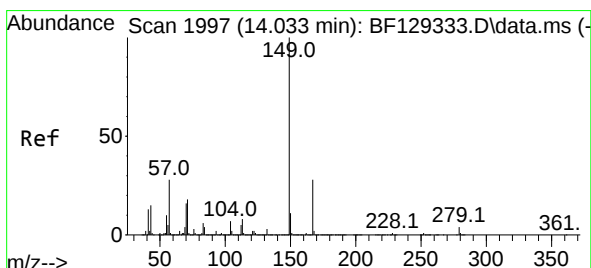
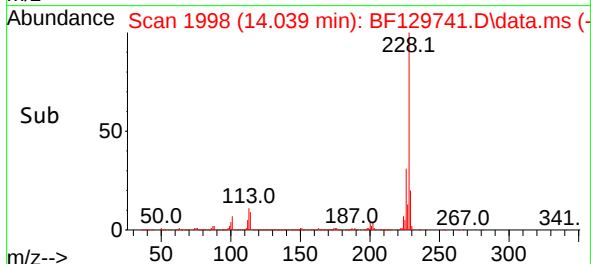
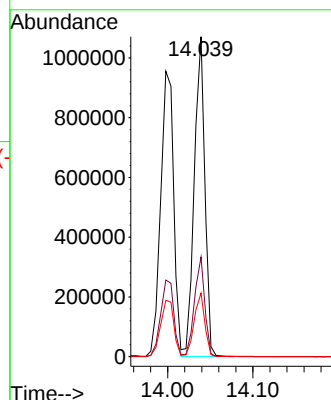
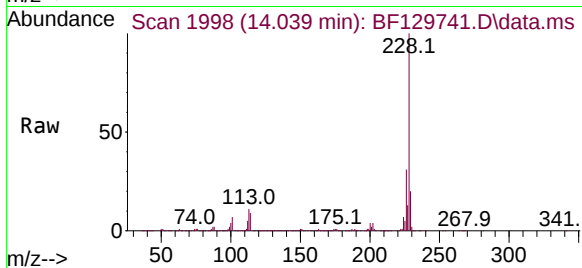
Tgt Ion:228 Resp: 924775

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.296 ng

RT: 13.968 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

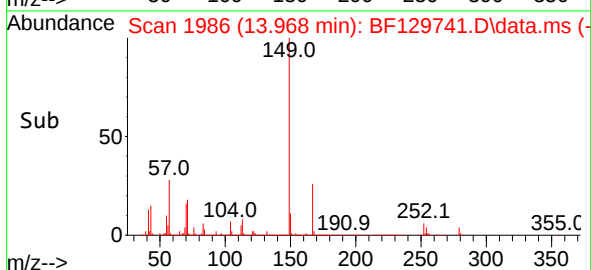
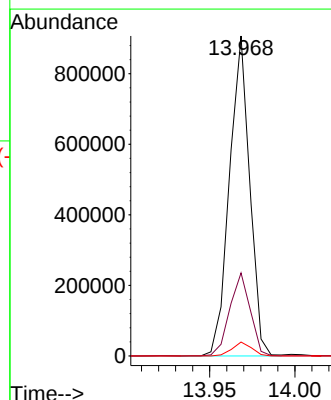
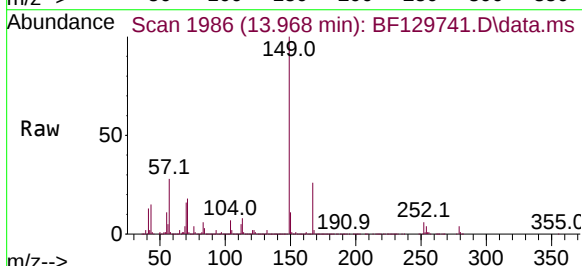
Tgt Ion:149 Resp: 751095

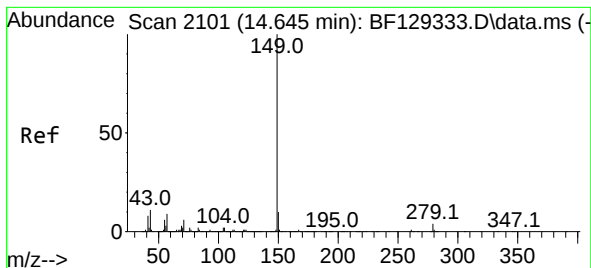
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 48.310 ng

RT: 14.580 min Scan# 2090

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

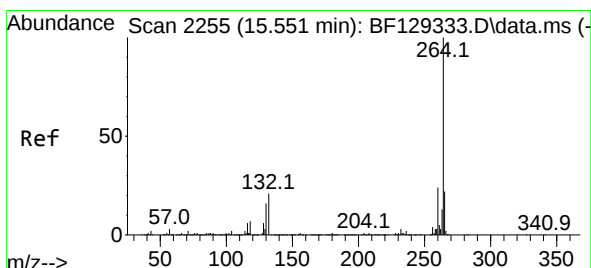
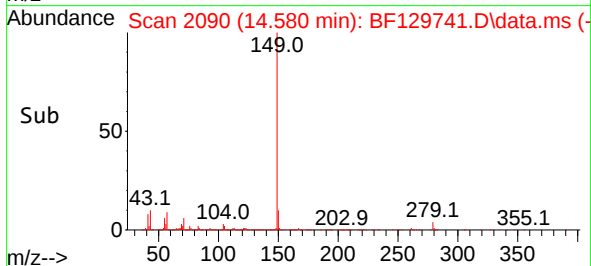
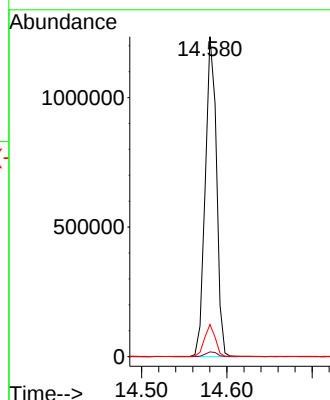
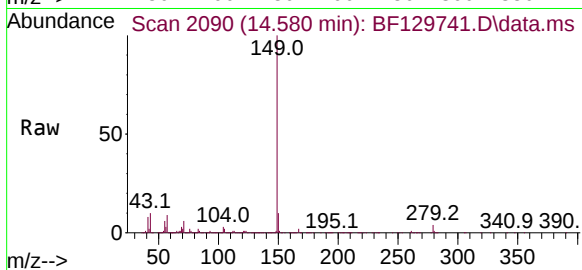
Tgt Ion:149 Resp: 1127873

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.6 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2243

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

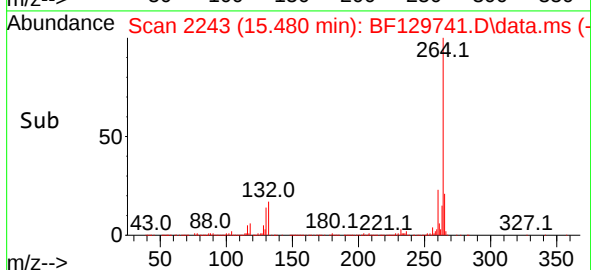
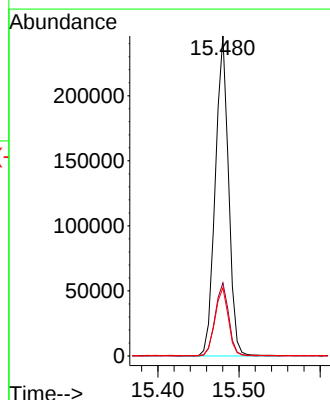
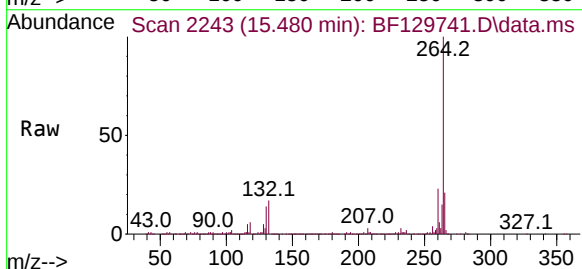
Tgt Ion:264 Resp: 279321

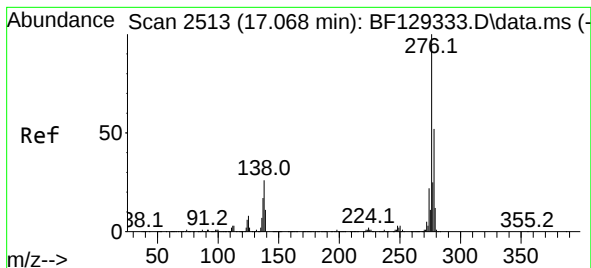
Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.097 ng

RT: 16.968 min Scan# 2496

Delta R.T. -0.006 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

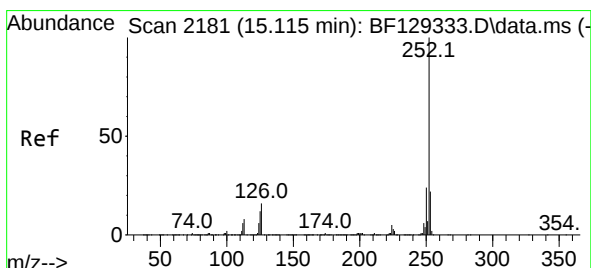
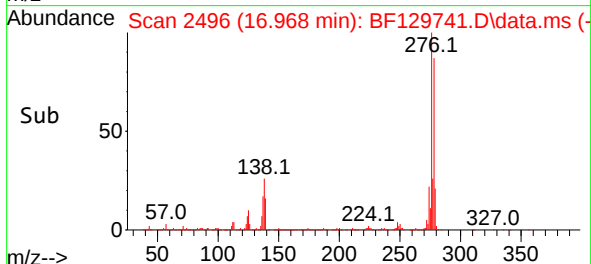
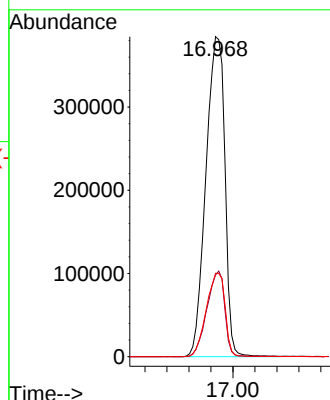
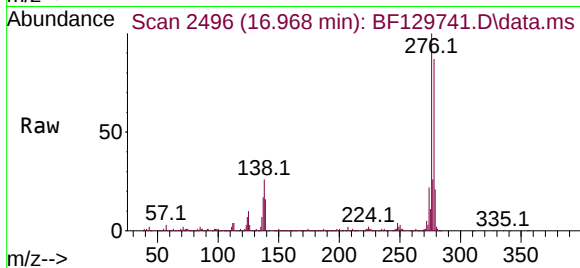
Tgt Ion:276 Resp: 923499

Ion Ratio Lower Upper

276 100

138 25.0 21.1 31.7

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.994 ng

RT: 15.051 min Scan# 2170

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

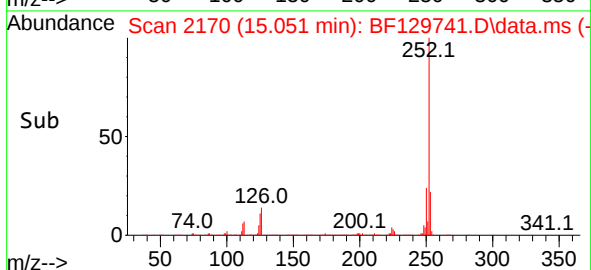
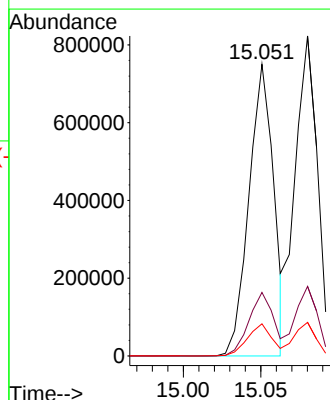
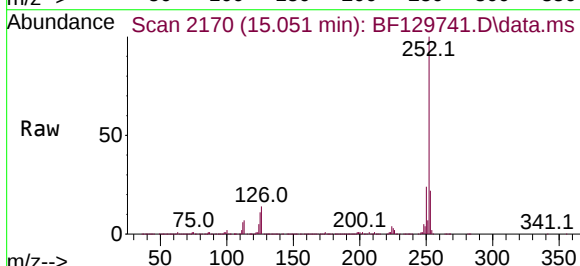
Tgt Ion:252 Resp: 833662

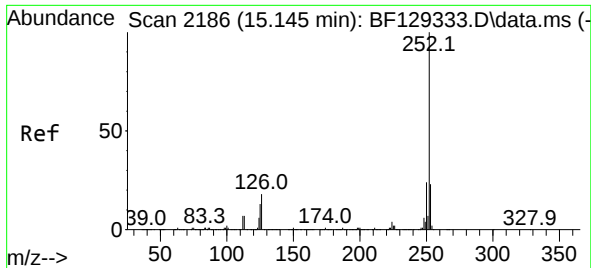
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 11.0 8.0 12.0

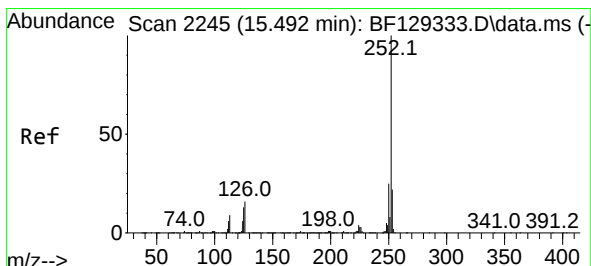
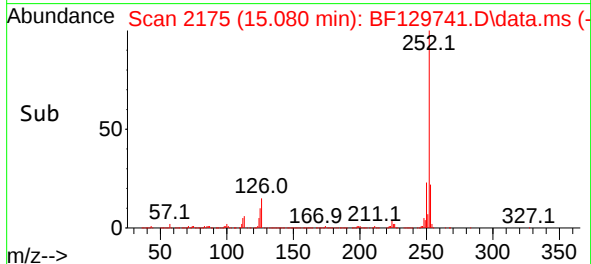
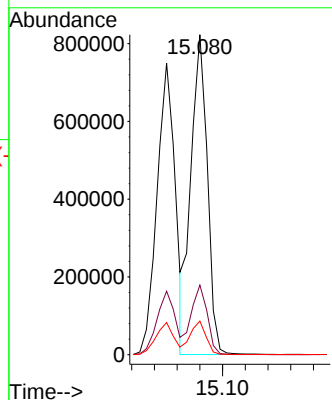
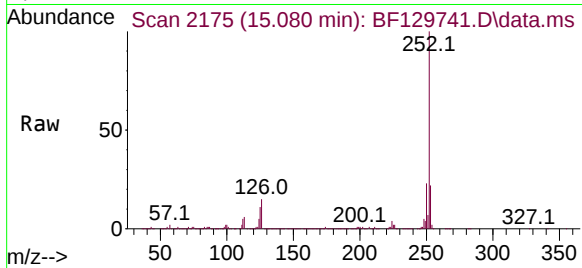




#89  
Benzo(k)fluoranthene  
Concen: 45.678 ng  
RT: 15.080 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

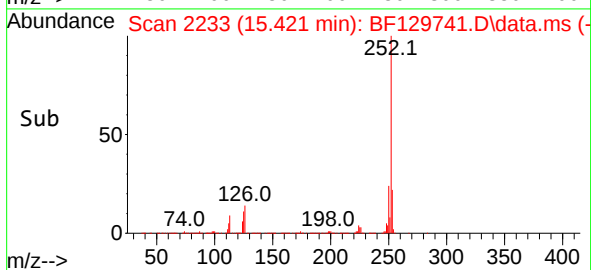
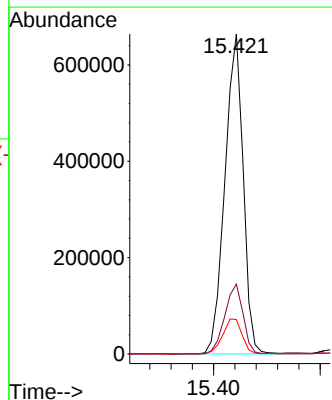
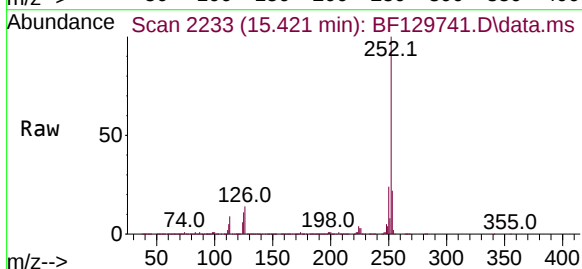
Instrument :  
BNA\_F  
ClientSampleId :  
PB146781BS

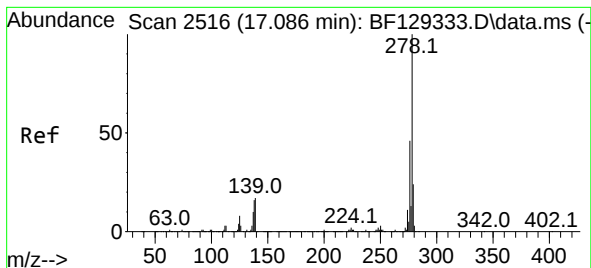
Tgt Ion:252 Resp: 829381  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.6  
125 10.5 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 52.514 ng  
RT: 15.421 min Scan# 2233  
Delta R.T. -0.000 min  
Lab File: BF129741.D  
Acq: 12 Aug 2022 13:27

Tgt Ion:252 Resp: 789850  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.0 25.6  
125 10.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 52.705 ng

RT: 16.980 min Scan# 24

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Instrument :

BNA\_F

ClientSampleId :

PB146781BS

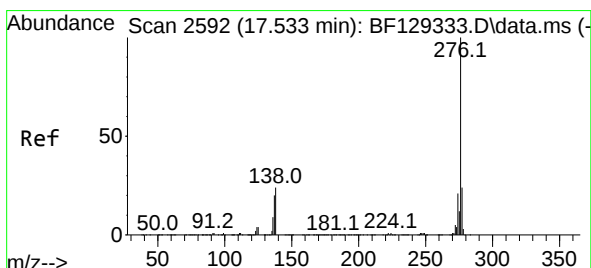
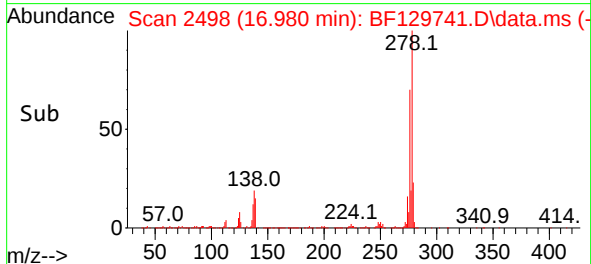
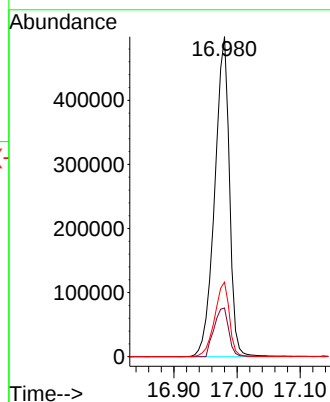
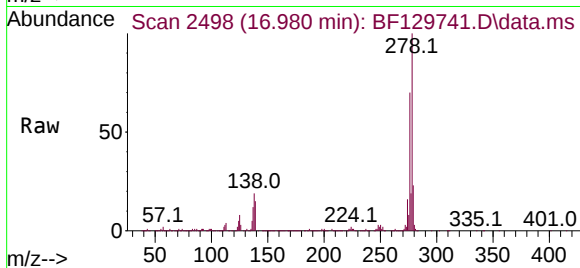
Tgt Ion:278 Resp: 806886

Ion Ratio Lower Upper

278 100

139 15.2 12.8 19.2

279 23.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 52.528 ng

RT: 17.421 min Scan# 2573

Delta R.T. -0.000 min

Lab File: BF129741.D

Acq: 12 Aug 2022 13:27

Tgt Ion:276 Resp: 821740

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 22.0 18.0 27.0

