

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033022\  
 Data File : BF127586.D  
 Acq On : 30 Mar 2022 14:20  
 Operator : CG\JU  
 Sample : PB143741BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143741BS

Quant Time: Mar 30 16:34:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 101569   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 371166   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 214069   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 370339   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.015 | 240  | 233591   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 187313   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 716116   | 112.542 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.481  | 99   | 939566   | 108.023 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 661531   | 76.186  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.674 | 330  | 240147   | 105.310 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1085784  | 74.065  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 1142095  | 80.039  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 106675   | 38.170  | ng    | 96       |
| 3) Pyridine                   | 3.446  | 79   | 247343   | 31.357  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.404  | 42   | 185309   | 42.788  | ng    | 98       |
| 6) Aniline                    | 6.504  | 93   | 337856   | 32.550  | ng    | # 89     |
| 8) 2-Chlorophenol             | 6.628  | 128  | 286163   | 44.008  | ng    | 99       |
| 9) Benzaldehyde               | 6.392  | 77   | 180227   | 40.537  | ng    | 96       |
| 10) Phenol                    | 6.498  | 94   | 390839   | 41.261  | ng    | 77       |
| 11) bis(2-Chloroethyl)ether   | 6.575  | 93   | 309844   | 44.704  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 297133   | 40.627  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 303079   | 41.198  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 282799   | 39.469  | ng    | 100      |
| 15) Benzyl Alcohol            | 6.986  | 79   | 283236   | 44.808  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 530109   | 42.503  | ng    | 88       |
| 17) 2-Methylphenol            | 7.098  | 107  | 230845   | 42.066  | ng    | # 93     |
| 18) Hexachloroethane          | 7.339  | 117  | 115209   | 42.777  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 218655   | 41.939  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.251  | 107  | 286427   | 42.317  | ng    | 98       |
| 22) Acetophenone              | 7.251  | 105  | 384498   | 40.525  | ng    | 99       |
| 24) Nitrobenzene              | 7.428  | 77   | 354789   | 42.844  | ng    | 98       |
| 25) Isophorone                | 7.663  | 82   | 631691   | 45.676  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 148591   | 42.785  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 253002   | 48.429  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 380706   | 42.377  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 251449   | 42.398  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 271836   | 39.334  | ng    | 98       |
| 31) Naphthalene               | 8.139  | 128  | 810418   | 41.126  | ng    | 99       |
| 32) Benzoic acid              | 7.939  | 122  | 120261   | 41.054  | ng    | 92       |
| 33) 4-Chloroaniline           | 8.198  | 127  | 119040   | 15.589  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 171028   | 38.972  | ng    | 99       |
| 35) Caprolactam               | 8.580  | 113  | 49130    | 26.871  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 273592   | 42.518  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.833  | 142  | 532739   | 42.044  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 501669   | 40.039  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 276251   | 40.587  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 153576   | 69.977  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 165725   | 40.280  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033022\  
 Data File : BF127586.D  
 Acq On : 30 Mar 2022 14:20  
 Operator : CG\JU  
 Sample : PB143741BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

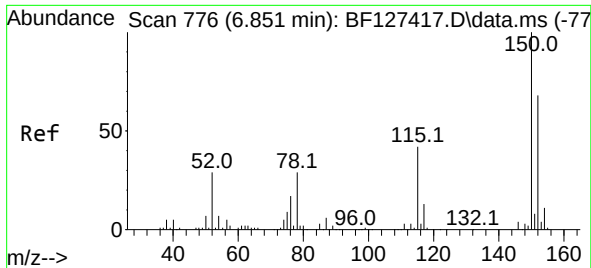
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143741BS

Quant Time: Mar 30 16:34:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 171039   | 40.385 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 651242   | 40.280 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 512196   | 40.230 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.433  | 65   | 201398   | 41.274 | ng    | 91       |
| 49) Acenaphthylene            | 9.739  | 152  | 777327   | 40.386 | ng    | 99       |
| 50) Dimethylphthalate         | 9.598  | 163  | 614075   | 41.234 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 133341   | 42.654 | ng    | 93       |
| 52) Acenaphthene              | 9.910  | 154  | 457160   | 40.709 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 82673    | 24.109 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 102738   | 66.736 | ng    | 96       |
| 55) Dibenzofuran              | 10.080 | 168  | 663696   | 40.637 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.027 | 139  | 115760   | 66.326 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 159298   | 39.589 | ng    | 91       |
| 58) Fluorene                  | 10.427 | 166  | 539513   | 41.269 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 141252   | 37.723 | ng    | 99       |
| 60) Diethylphthalate          | 10.298 | 149  | 549945   | 40.431 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 292576   | 38.012 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 124413   | 38.733 | ng    | 97       |
| 63) Azobenzene                | 10.574 | 77   | 645248   | 40.203 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 87619    | 38.450 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.539 | 169  | 468504   | 41.559 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 178898   | 41.375 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.974 | 284  | 196691   | 41.675 | ng    | 97       |
| 69) Atrazine                  | 11.069 | 200  | 181273   | 48.301 | ng    | 98       |
| 70) Pentachlorophenol         | 11.174 | 266  | 118657   | 66.370 | ng    | 97       |
| 71) Phenanthrene              | 11.392 | 178  | 793282   | 41.087 | ng    | 100      |
| 72) Anthracene                | 11.445 | 178  | 805028   | 42.016 | ng    | 99       |
| 73) Carbazole                 | 11.604 | 167  | 717846   | 39.177 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 836099   | 44.083 | ng    | 100      |
| 75) Fluoranthene              | 12.586 | 202  | 858013   | 40.404 | ng    | 99       |
| 77) Benzidine                 | 12.710 | 184  | 256712   | 46.091 | ng    | 98       |
| 78) Pyrene                    | 12.816 | 202  | 848767   | 42.338 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 309580   | 46.920 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 646577   | 41.391 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 119261   | 25.976 | ng    | 96       |
| 83) Chrysene                  | 14.045 | 228  | 614148   | 41.518 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 371849   | 48.754 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.580 | 149  | 568982   | 56.060 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.003 | 276  | 506603   | 39.969 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.062 | 252  | 515994   | 43.689 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.092 | 252  | 533117   | 43.542 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.433 | 252  | 504389   | 52.038 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 17.003 | 278  | 441453   | 42.186 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.456 | 276  | 437774   | 40.474 | ng    | 98       |

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

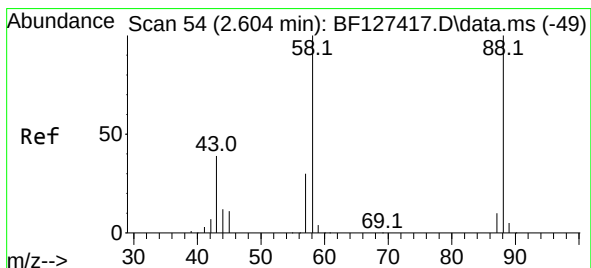
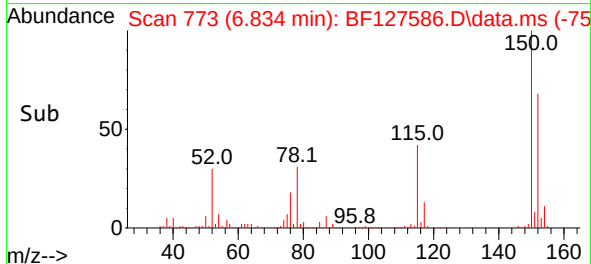
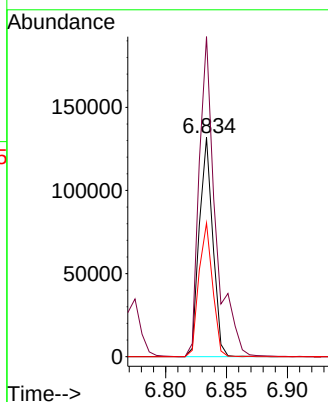
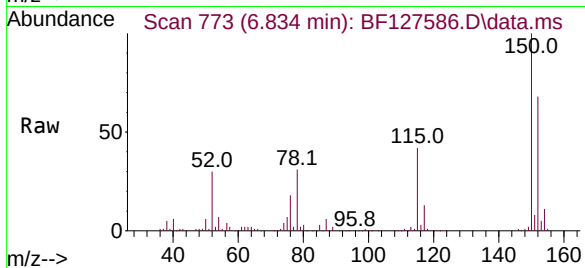




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.834 min Scan# 71  
 Delta R.T. 0.001 min  
 Lab File: BF127586.D  
 Acq: 30 Mar 2022 14:20

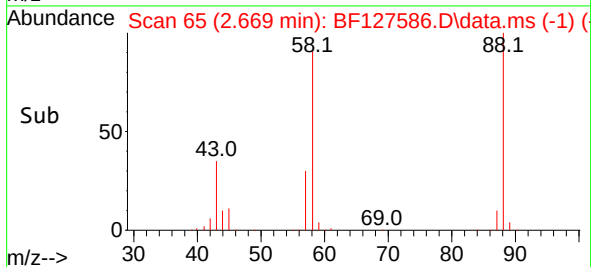
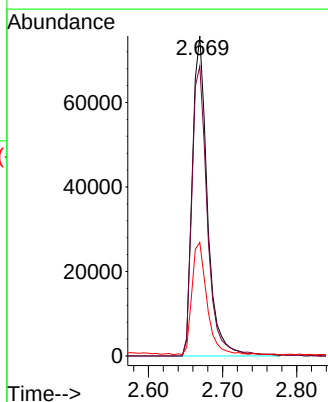
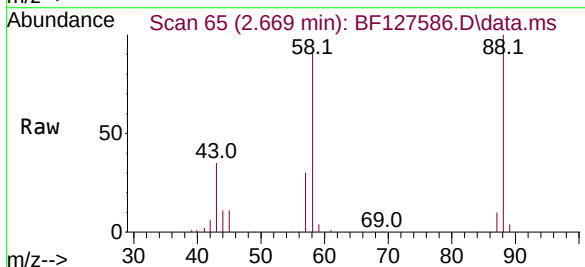
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143741BS

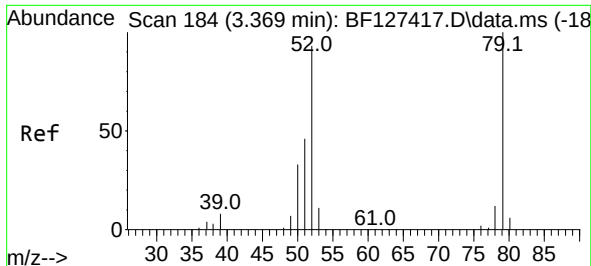
Tgt Ion:152 Resp: 101569  
 Ion Ratio Lower Upper  
 152 100  
 150 146.0 117.2 175.8  
 115 61.0 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 38.170 ng  
 RT: 2.669 min Scan# 65  
 Delta R.T. 0.082 min  
 Lab File: BF127586.D  
 Acq: 30 Mar 2022 14:20

Tgt Ion: 88 Resp: 106675  
 Ion Ratio Lower Upper  
 88 100  
 58 93.4 77.0 115.4  
 43 35.1 31.3 46.9

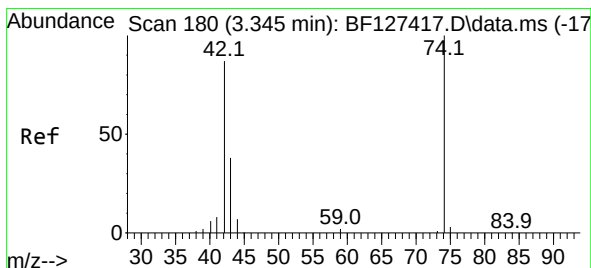
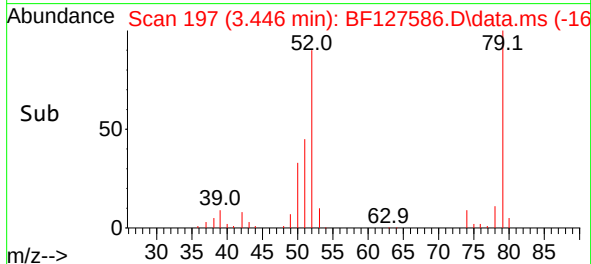
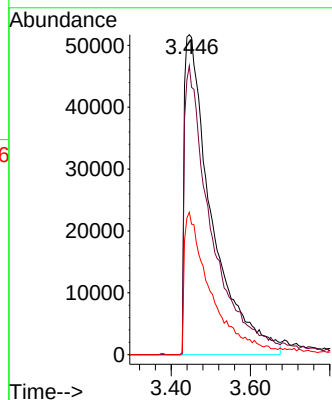
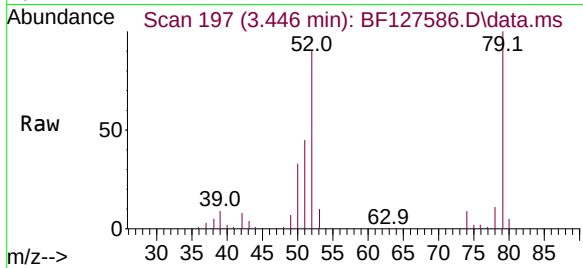




#3  
Pyridine  
Concen: 31.357 ng  
RT: 3.446 min Scan# 197  
Delta R.T. 0.100 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

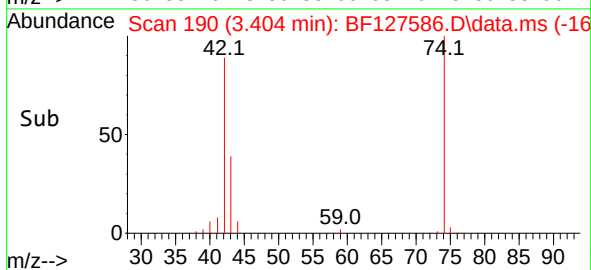
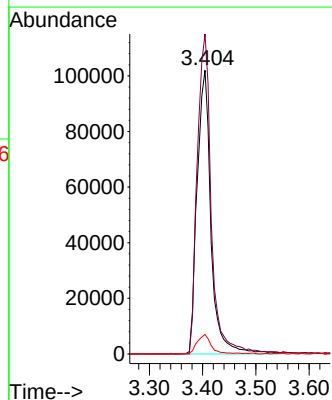
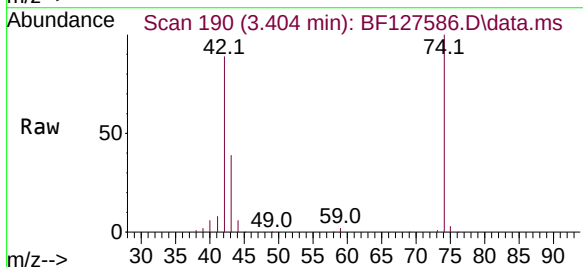
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

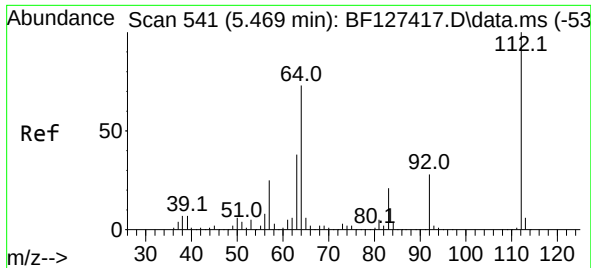
Tgt Ion: 79 Resp: 247343  
Ion Ratio Lower Upper  
79 100  
52 90.3 74.2 111.4  
51 44.5 36.7 55.1



#4  
n-Nitrosodimethylamine  
Concen: 42.788 ng  
RT: 3.404 min Scan# 190  
Delta R.T. 0.077 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion: 42 Resp: 185309  
Ion Ratio Lower Upper  
42 100  
74 112.8 92.4 138.6  
44 6.9 6.0 9.0

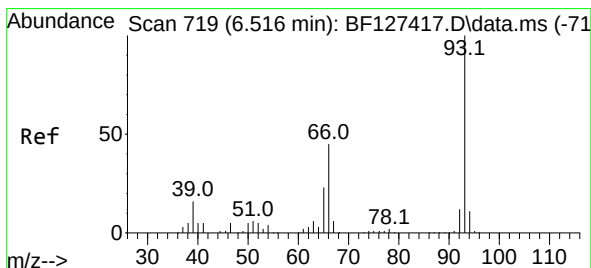
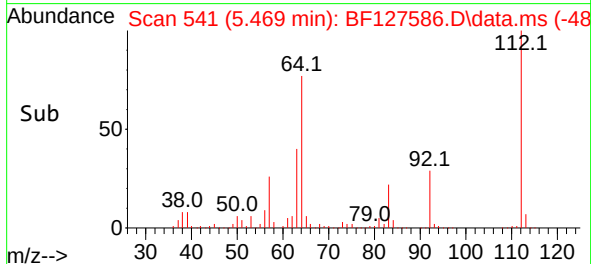
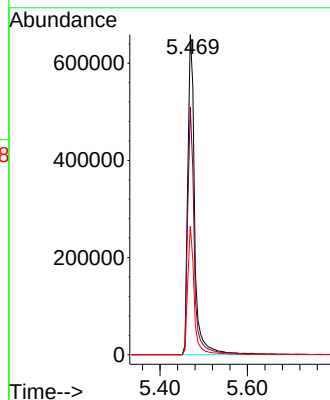
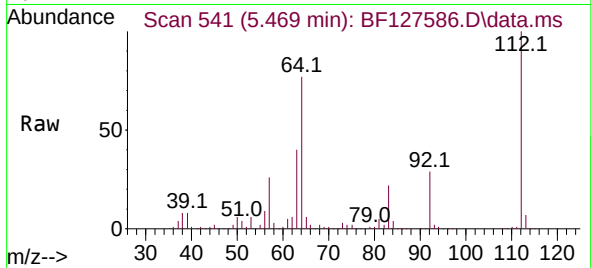




#5  
2-Fluorophenol  
Concen: 112.542 ng  
RT: 5.469 min Scan# 541  
Delta R.T. 0.012 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

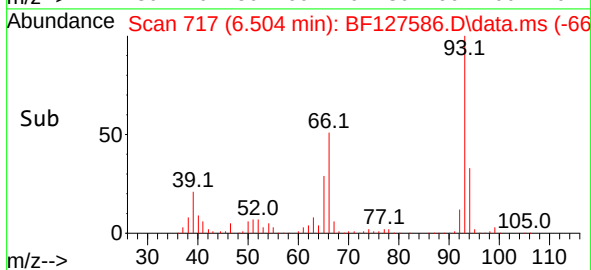
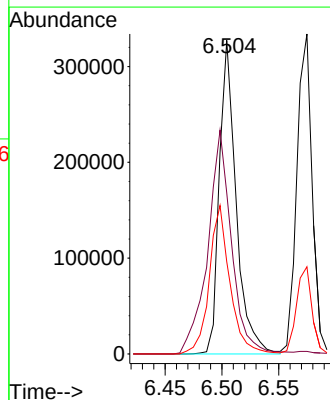
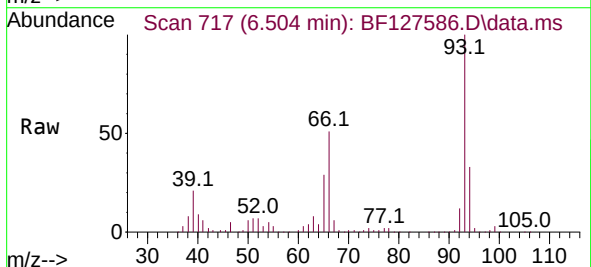
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

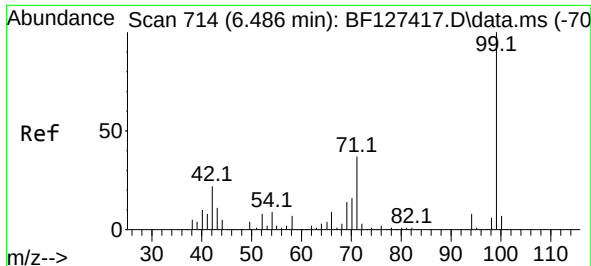
Tgt Ion:112 Resp: 716116  
Ion Ratio Lower Upper  
112 100  
64 77.5 58.4 87.6  
63 40.1 30.1 45.1



#6  
Aniline  
Concen: 32.550 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion: 93 Resp: 337856  
Ion Ratio Lower Upper  
93 100  
66 51.3 36.2 54.4  
65 29.4 18.4 27.6#

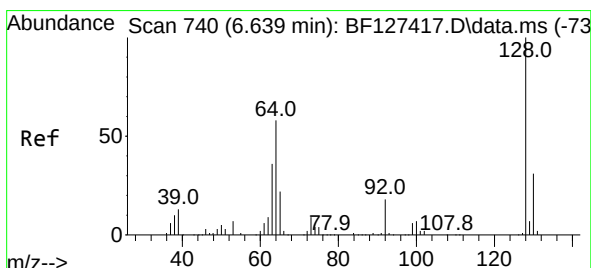
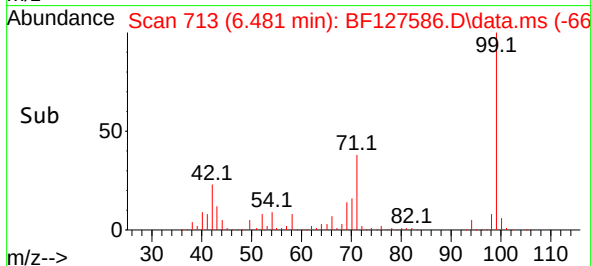
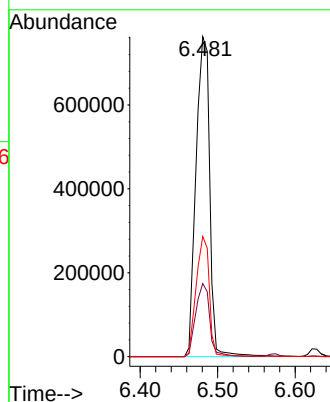
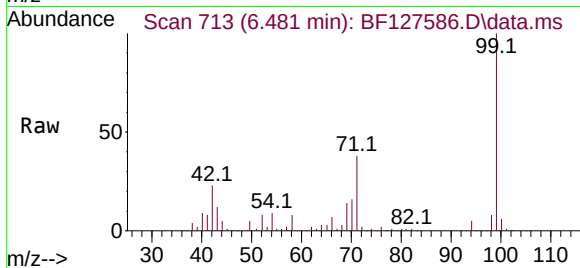




#7  
Phenol-d6  
Concen: 108.023 ng  
RT: 6.481 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

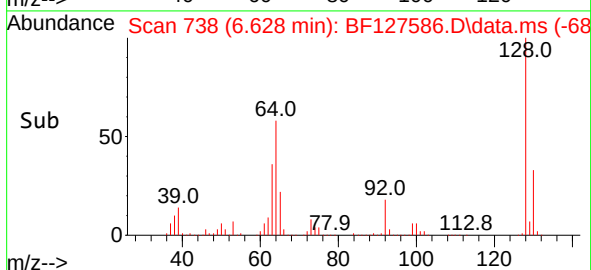
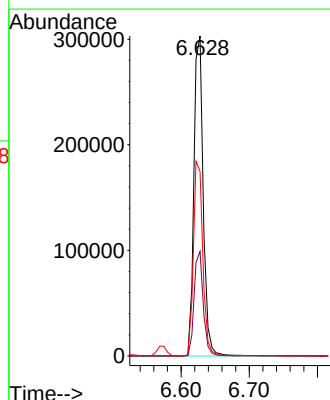
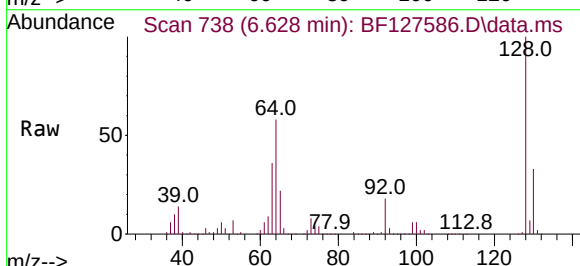
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

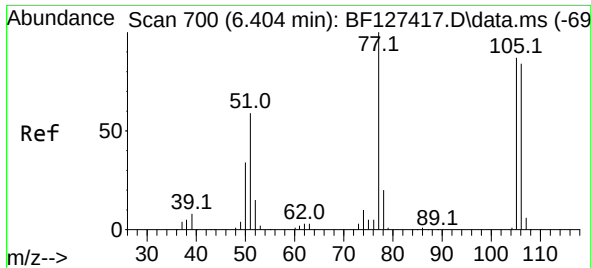
Tgt Ion: 99 Resp: 939566  
Ion Ratio Lower Upper  
99 100  
42 22.8 17.8 26.6  
71 37.6 29.6 44.4



#8  
2-Chlorophenol  
Concen: 44.008 ng  
RT: 6.628 min Scan# 738  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:128 Resp: 286163  
Ion Ratio Lower Upper  
128 100  
130 32.7 11.3 51.3  
64 57.7 38.4 78.4

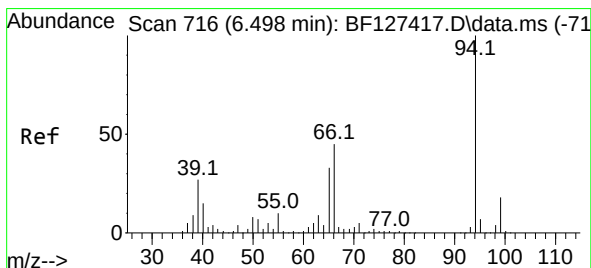
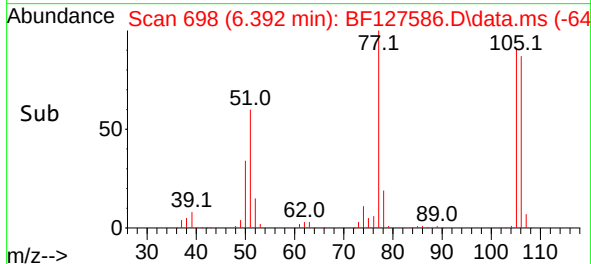
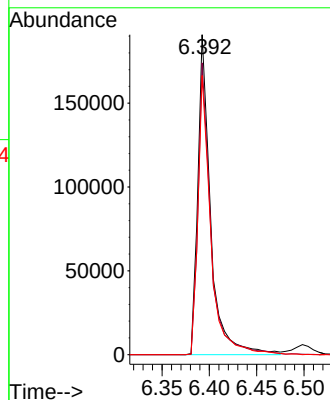
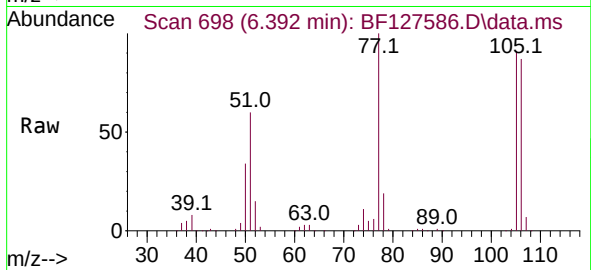




#9  
Benzaldehyde  
Concen: 40.537 ng  
RT: 6.392 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

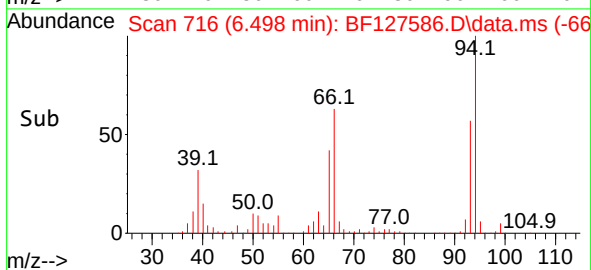
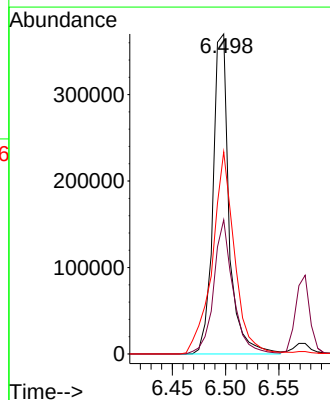
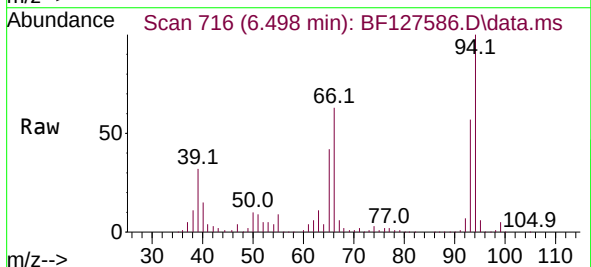
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

Tgt Ion: 77 Resp: 180227  
Ion Ratio Lower Upper  
77 100  
105 91.2 66.8 106.8  
106 87.3 64.3 104.3

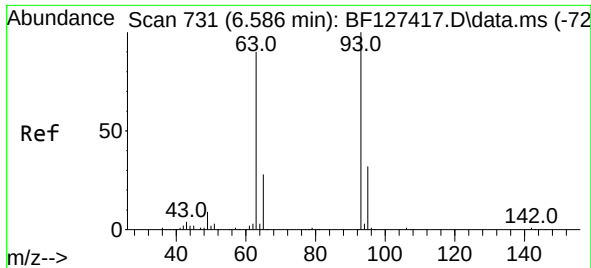


#10  
Phenol  
Concen: 41.261 ng  
RT: 6.498 min Scan# 716  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion: 94 Resp: 390839  
Ion Ratio Lower Upper  
94 100  
65 41.9 13.1 53.1  
66 63.1 24.9 64.9



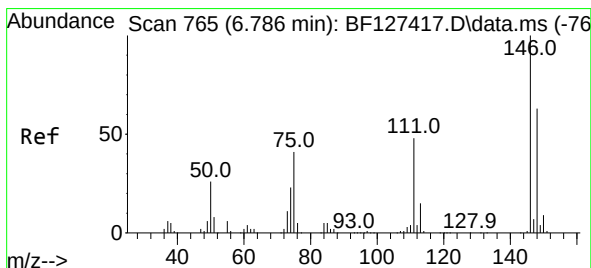
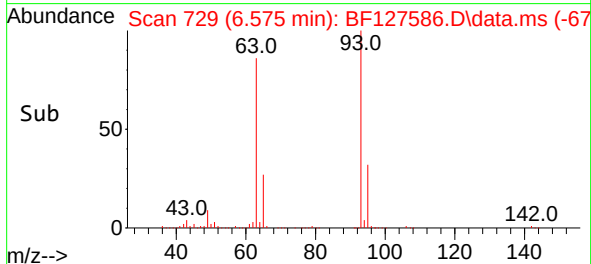
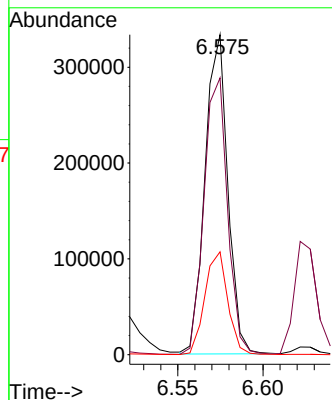
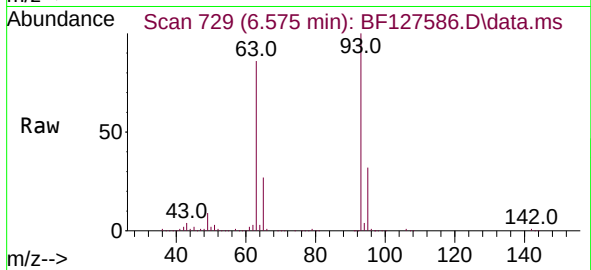




#11  
bis(2-Chloroethyl)ether  
Concen: 44.704 ng  
RT: 6.575 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

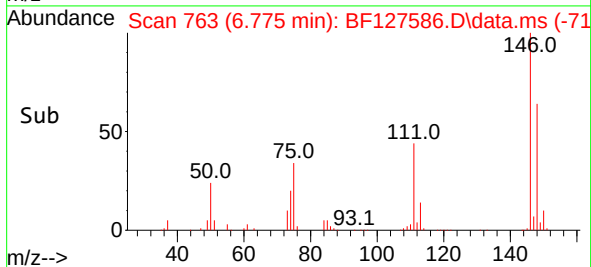
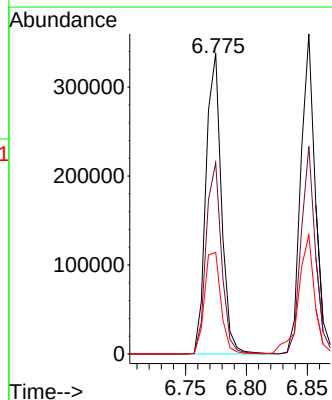
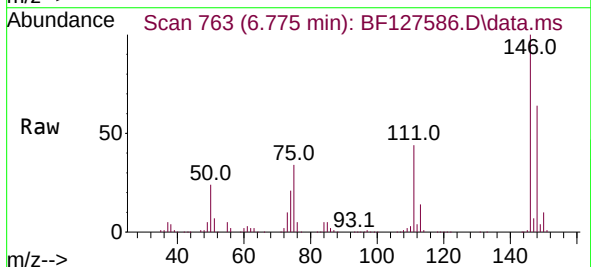
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

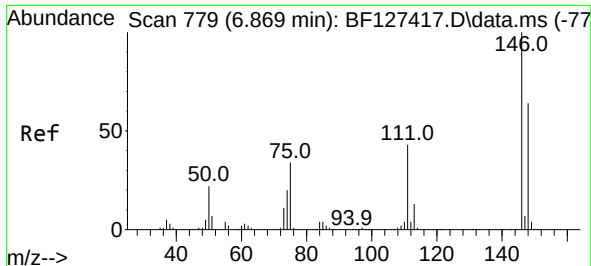
Tgt Ion: 93 Resp: 309844  
Ion Ratio Lower Upper  
93 100  
63 86.5 69.6 109.6  
95 32.1 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 40.627 ng  
RT: 6.775 min Scan# 763  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion: 146 Resp: 297133  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.6 76.0  
75 33.8 32.4 48.6

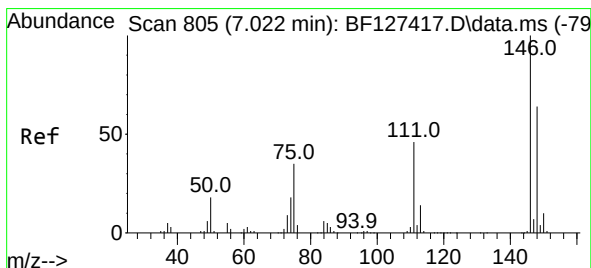
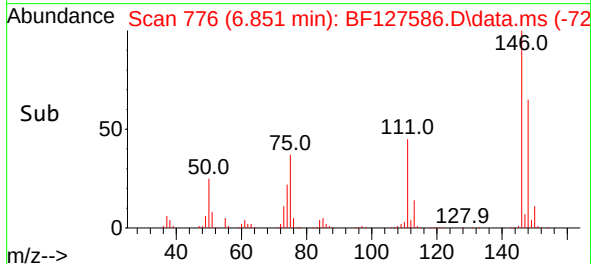
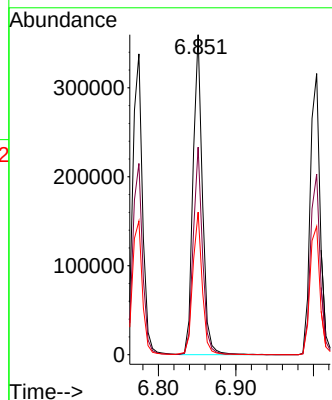
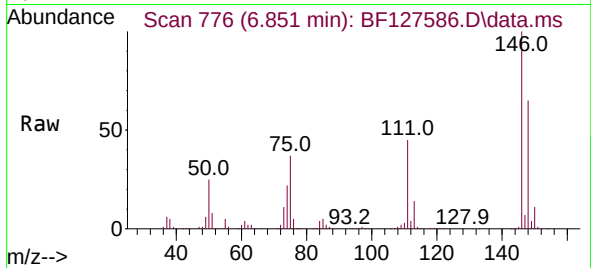




#13  
1,4-Dichlorobenzene  
Concen: 41.198 ng  
RT: 6.851 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

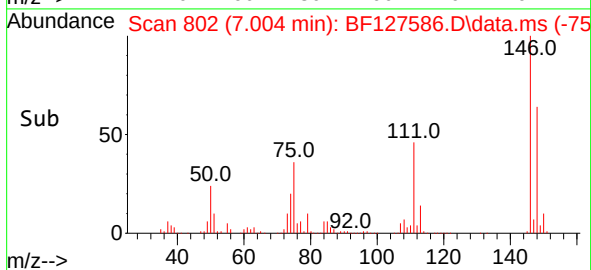
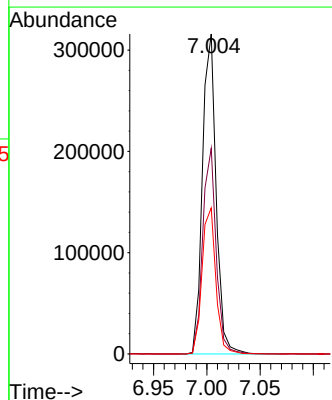
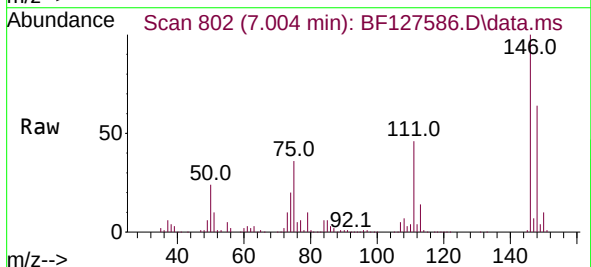
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

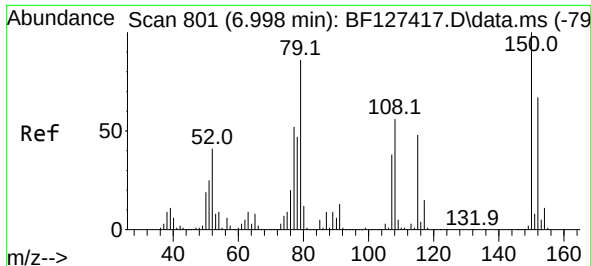
Tgt Ion:146 Resp: 303079  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.3 76.9  
111 44.6 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 39.469 ng  
RT: 7.004 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:146 Resp: 282799  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.4 77.2  
111 45.7 36.4 54.6





#15

Benzyl Alcohol

Concen: 44.808 ng

RT: 6.986 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

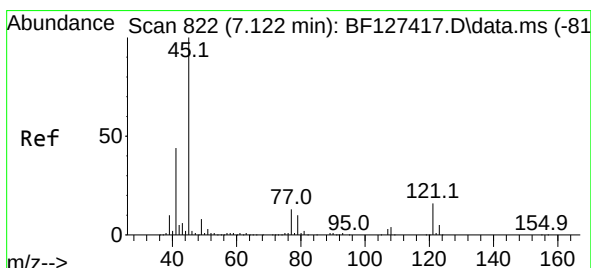
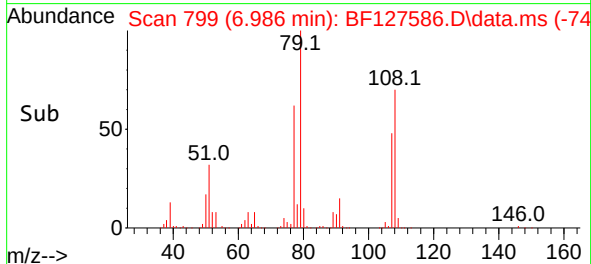
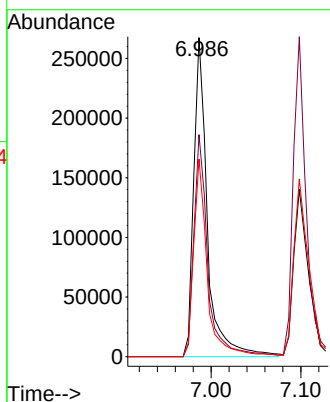
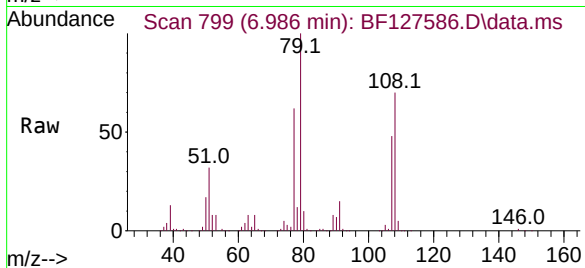
Tgt Ion: 79 Resp: 283236

Ion Ratio Lower Upper

79 100

108 69.6 52.2 78.2

77 61.9 48.3 72.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.503 ng

RT: 7.110 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

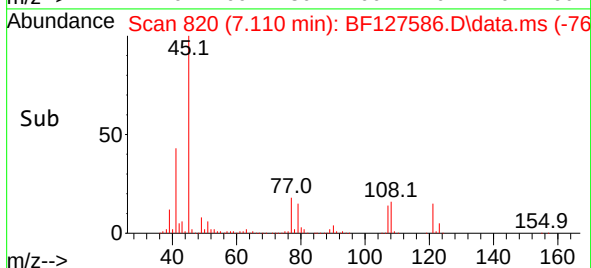
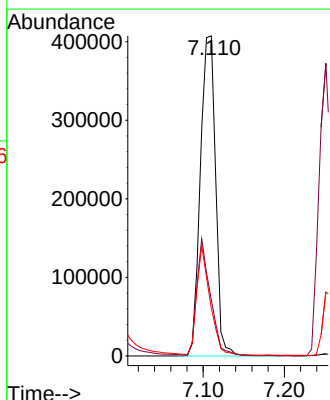
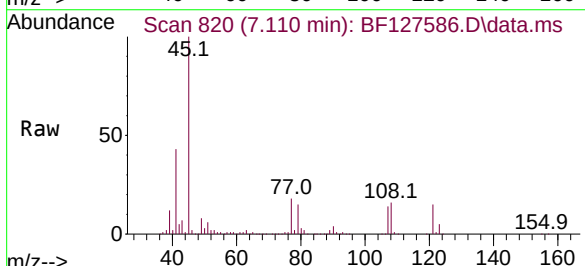
Tgt Ion: 45 Resp: 530109

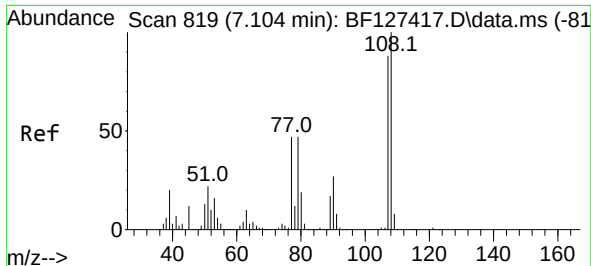
Ion Ratio Lower Upper

45 100

77 17.5 0.0 32.9

79 14.9 0.0 29.9

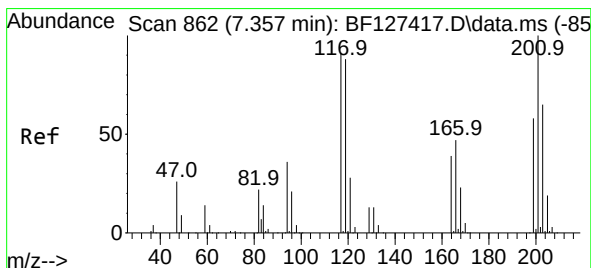
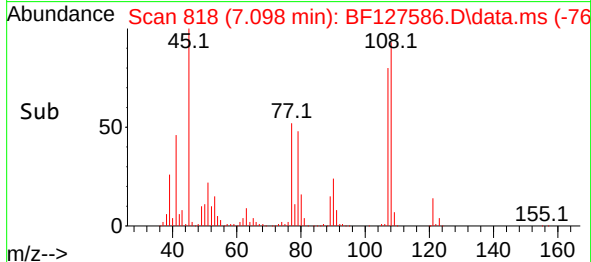
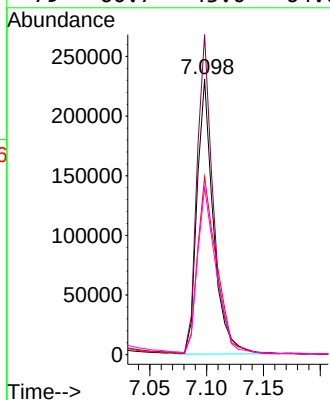
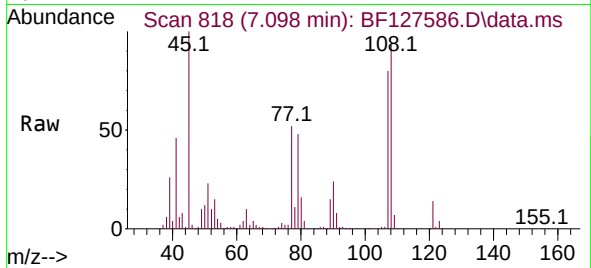




#17  
2-Methylphenol  
Concen: 42.066 ng  
RT: 7.098 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

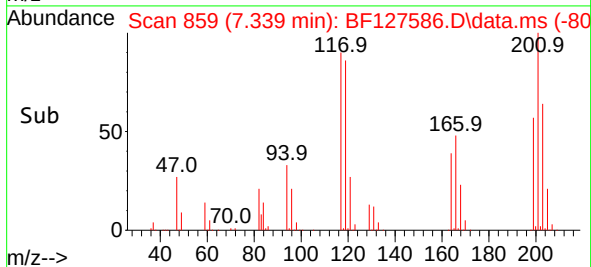
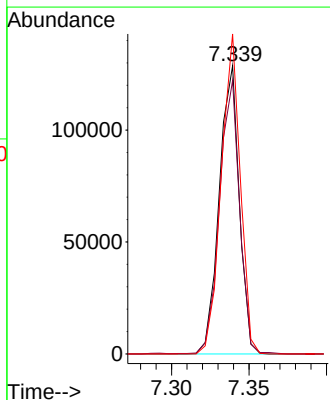
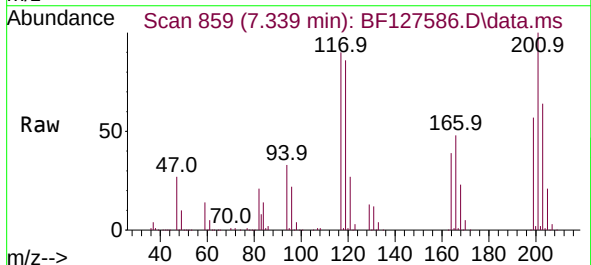
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

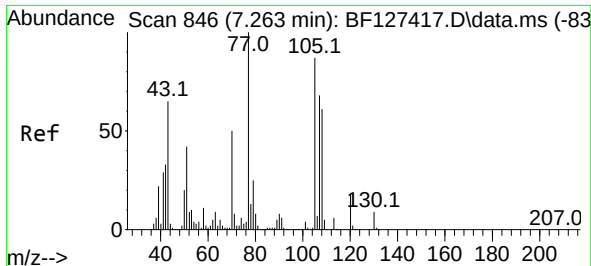
Tgt Ion:107 Resp: 230845  
Ion Ratio Lower Upper  
107 100  
108 116.1 90.7 136.1  
77 64.5 42.9 64.3#  
79 60.7 43.0 64.6



#18  
Hexachloroethane  
Concen: 42.777 ng  
RT: 7.339 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:117 Resp: 115209  
Ion Ratio Lower Upper  
117 100  
119 94.9 77.6 116.4  
201 111.0 88.2 132.2



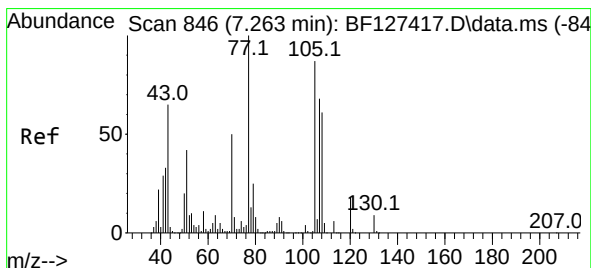
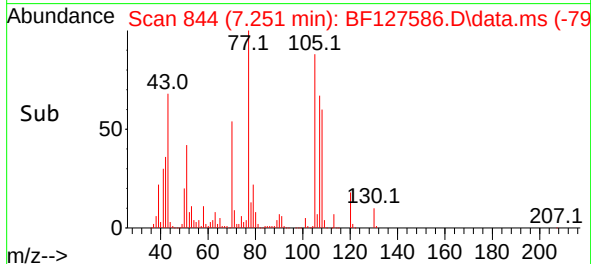
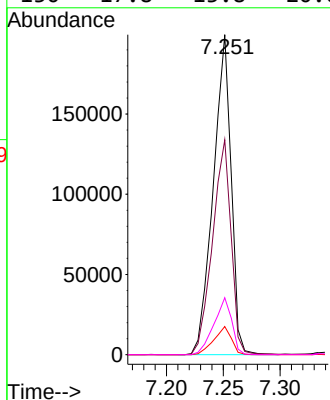
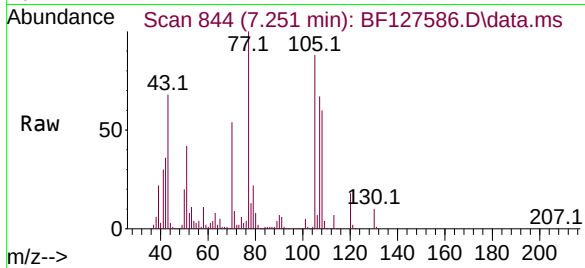


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.939 ng  
RT: 7.251 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

Tgt Ion: 70 Resp: 218655

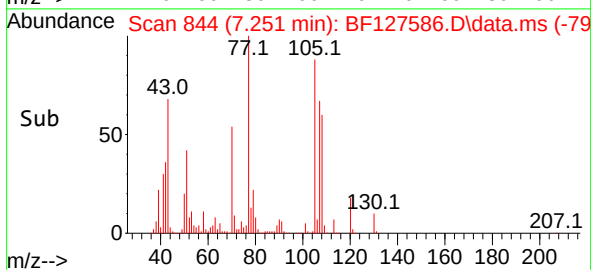
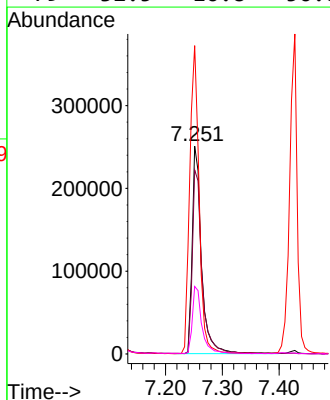
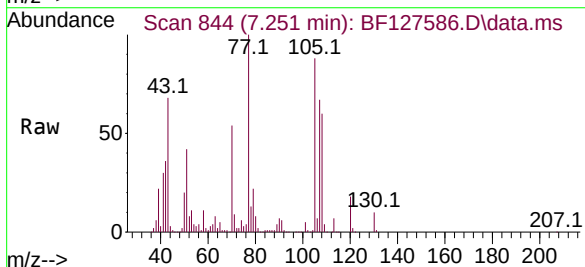
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 67.1  | 53.0  | 79.6  |
| 101 | 8.8   | 6.8   | 10.2  |
| 130 | 17.8  | 13.8  | 20.6  |

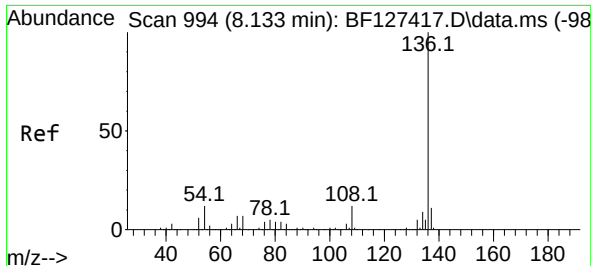


#20  
3+4-Methylphenols  
Concen: 42.317 ng  
RT: 7.251 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion: 107 Resp: 286427

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.5  | 70.7  | 110.7 |
| 77  | 148.3 | 127.9 | 167.9 |
| 79  | 32.5  | 16.8  | 56.8  |



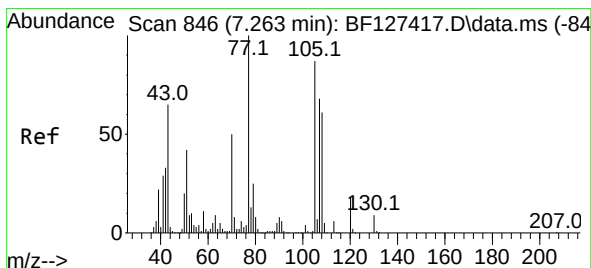
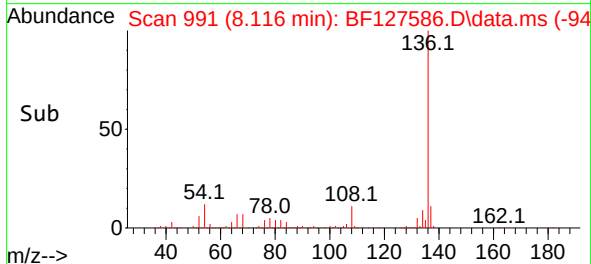
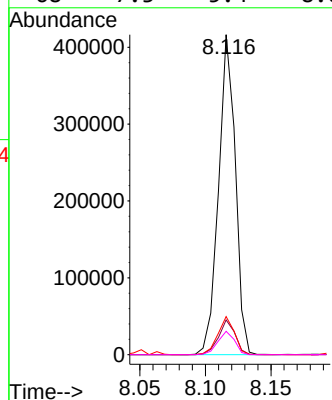
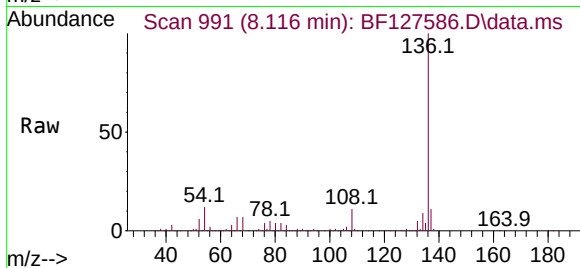


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

Tgt Ion:136 Resp: 371166

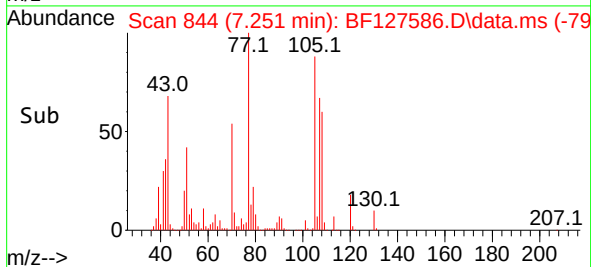
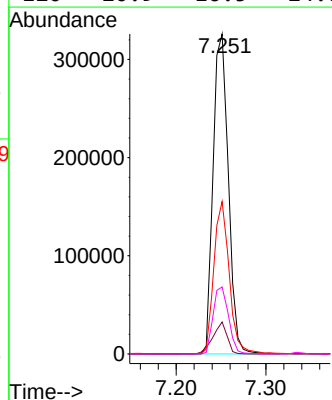
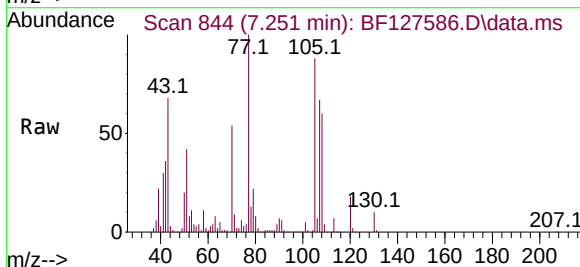
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 11.9  | 9.2   | 13.8  |
| 68  | 7.3   | 5.4   | 8.0   |

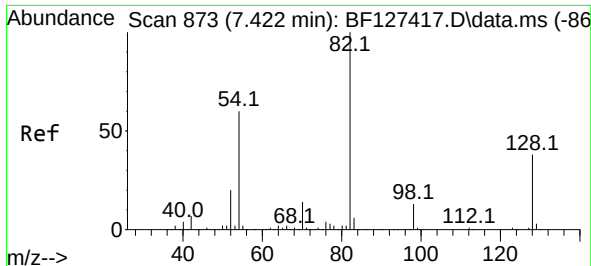


#22  
Acetophenone  
Concen: 40.525 ng  
RT: 7.251 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:105 Resp: 384498

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 10.0  | 7.3   | 10.9  |
| 51  | 47.7  | 38.8  | 58.2  |
| 120 | 20.9  | 16.5  | 24.7  |

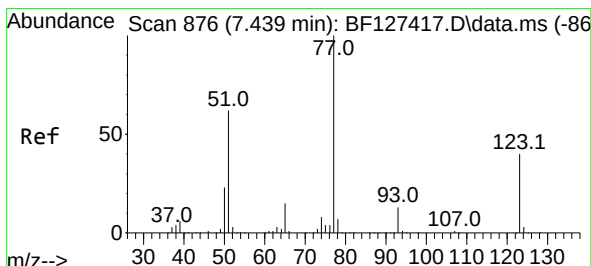
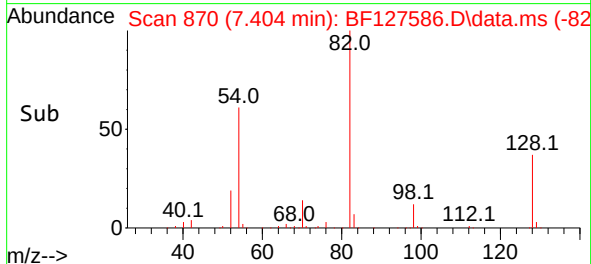
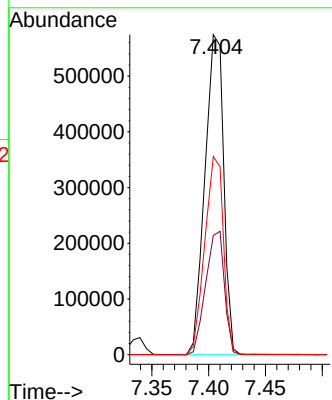
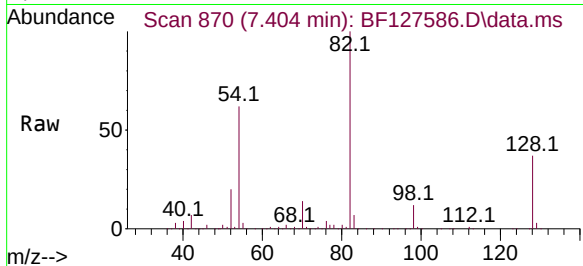




#23  
Nitrobenzene-d5  
Concen: 76.186 ng  
RT: 7.404 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

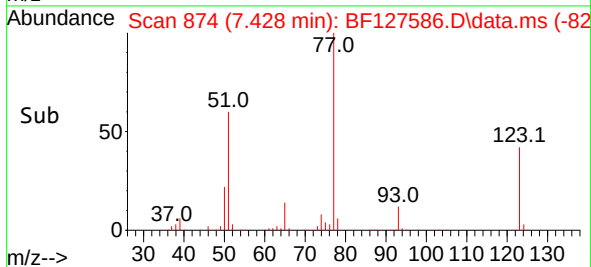
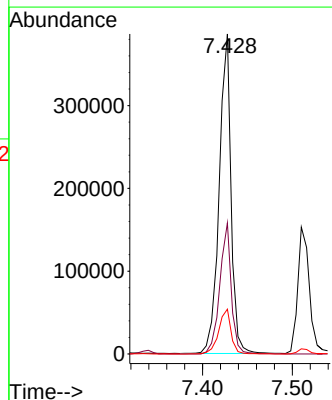
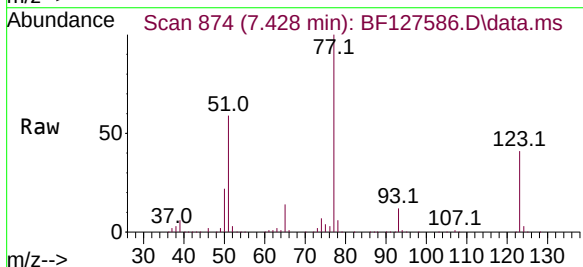
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

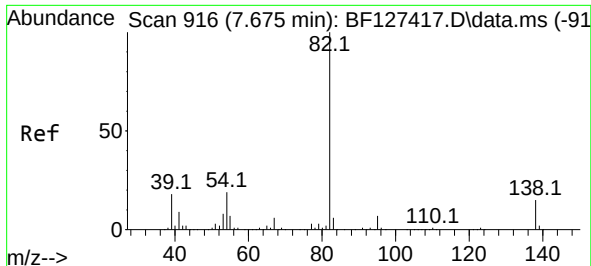
Tgt Ion: 82 Resp: 661531  
Ion Ratio Lower Upper  
82 100  
128 37.2 30.6 45.8  
54 61.9 48.2 72.2



#24  
Nitrobenzene  
Concen: 42.844 ng  
RT: 7.428 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion: 77 Resp: 354789  
Ion Ratio Lower Upper  
77 100  
123 41.0 32.0 48.0  
65 14.0 12.2 18.2

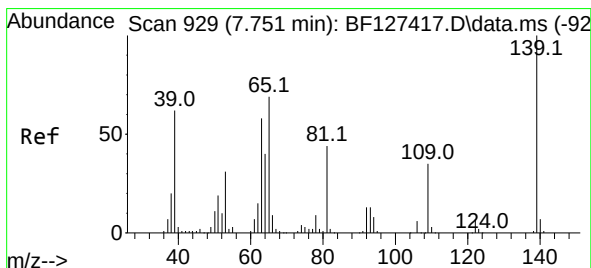
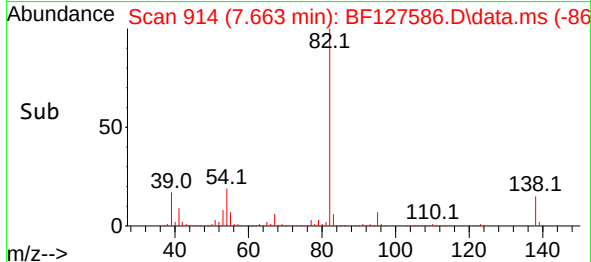
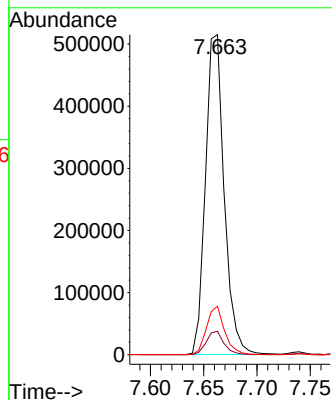
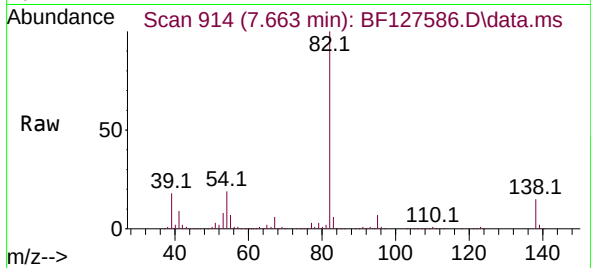




#25  
Isophorone  
Concen: 45.676 ng  
RT: 7.663 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

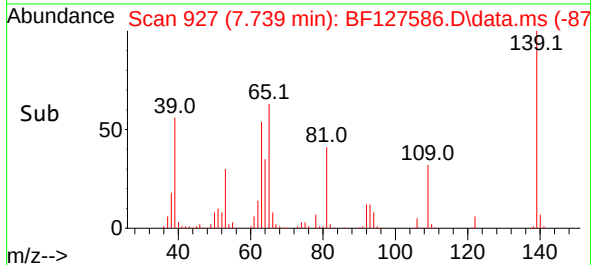
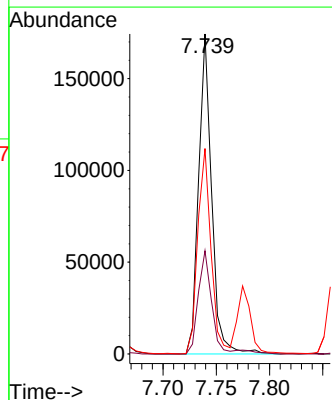
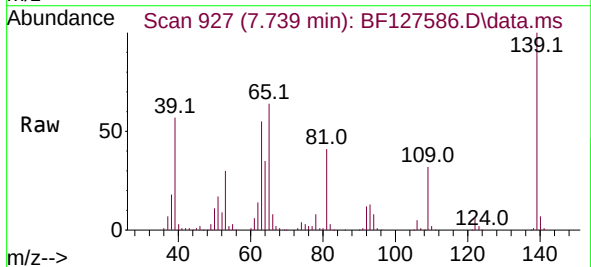
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

Tgt Ion: 82 Resp: 631691  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 15.1 11.6 17.4

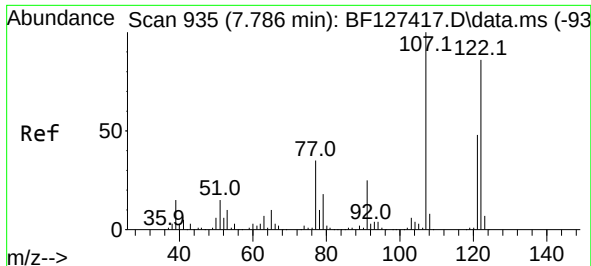


#26  
2-Nitrophenol  
Concen: 42.785 ng  
RT: 7.739 min Scan# 927  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion: 139 Resp: 148591  
Ion Ratio Lower Upper  
139 100  
109 32.2 28.2 42.2  
65 64.2 55.3 82.9



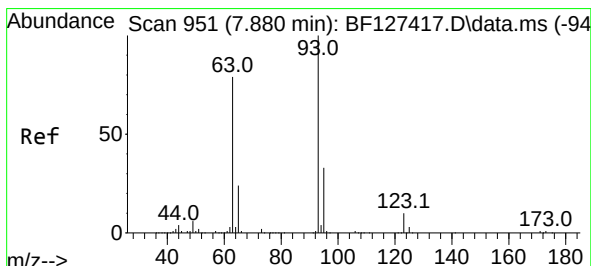
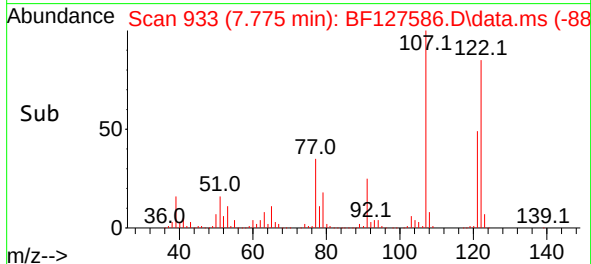
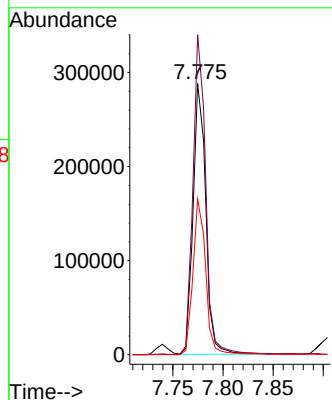
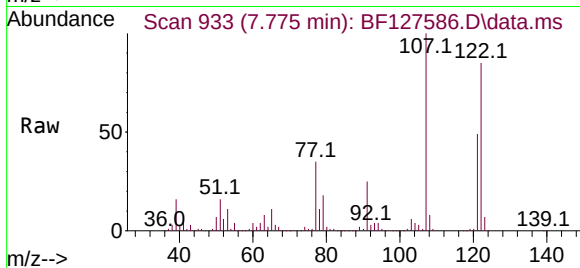




#27  
2,4-Dimethylphenol  
Concen: 48.429 ng  
RT: 7.775 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

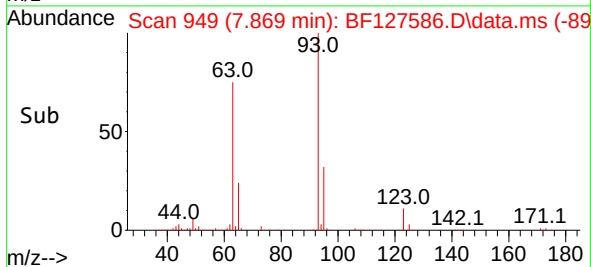
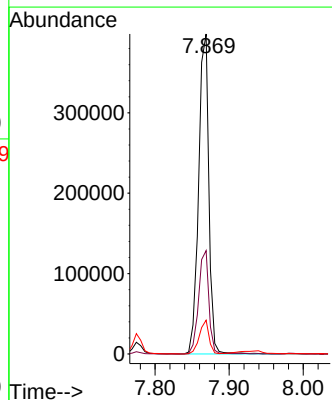
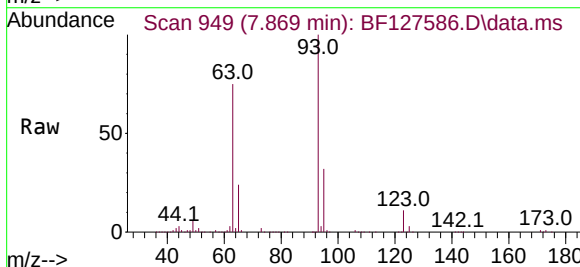
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

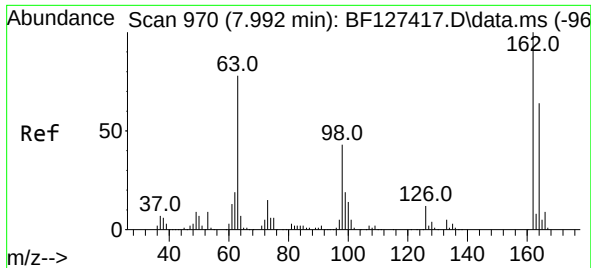
Tgt Ion:122 Resp: 253002  
Ion Ratio Lower Upper  
122 100  
107 118.0 93.0 139.4  
121 57.3 44.9 67.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.377 ng  
RT: 7.869 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion: 93 Resp: 380706  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.3 39.5  
123 10.6 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 42.398 ng

RT: 7.986 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

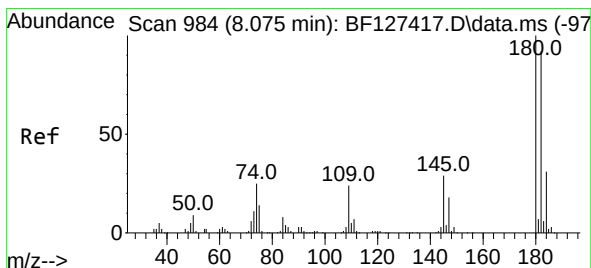
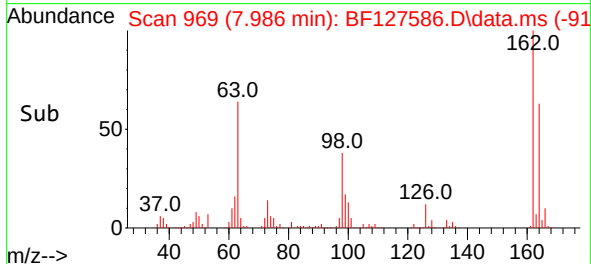
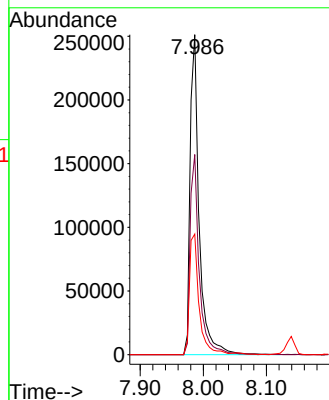
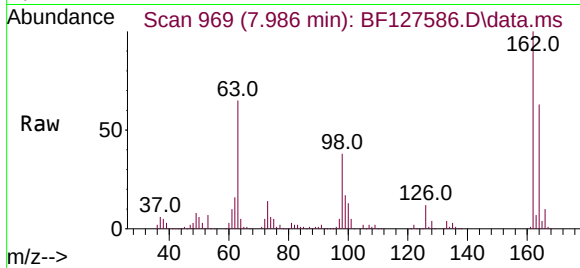
Tgt Ion:162 Resp: 251449

Ion Ratio Lower Upper

162 100

164 62.5 43.7 83.7

98 37.7 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 39.334 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

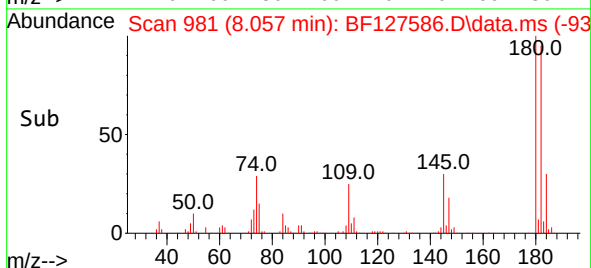
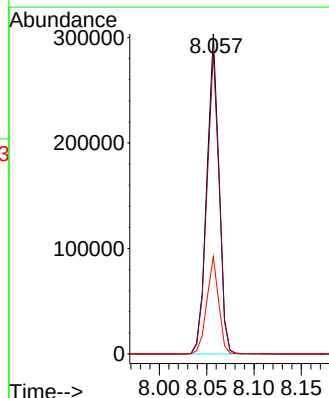
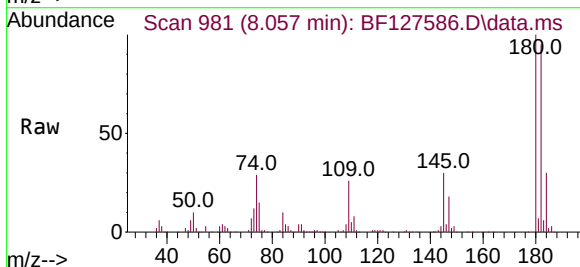
Tgt Ion:180 Resp: 271836

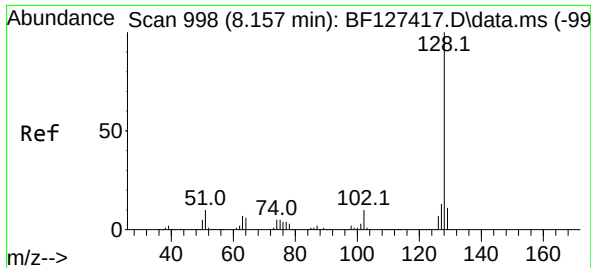
Ion Ratio Lower Upper

180 100

182 94.6 73.8 110.6

145 30.4 23.3 34.9

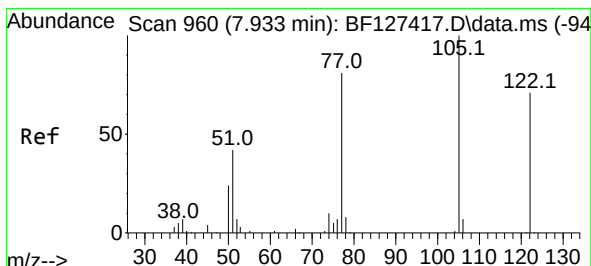
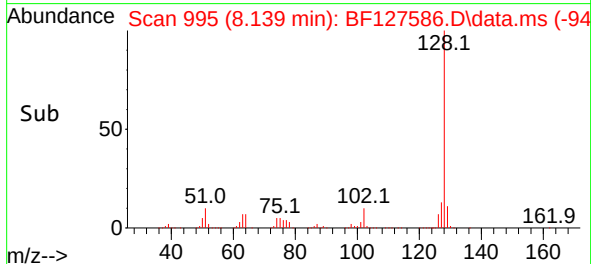
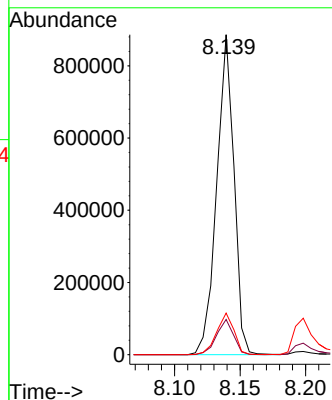
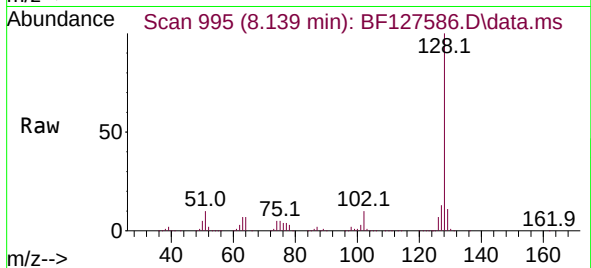




#31  
Naphthalene  
Concen: 41.126 ng  
RT: 8.139 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

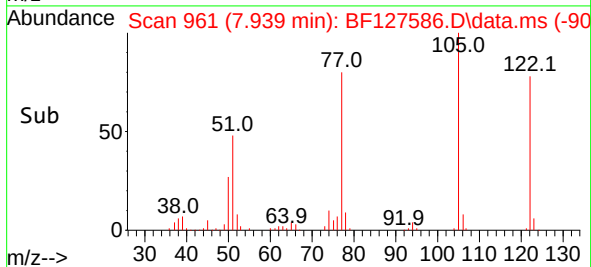
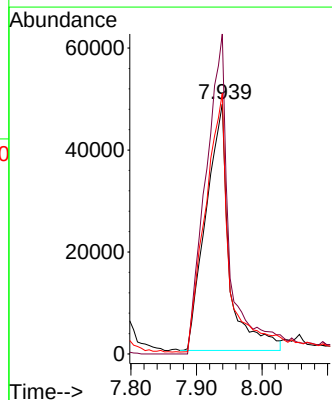
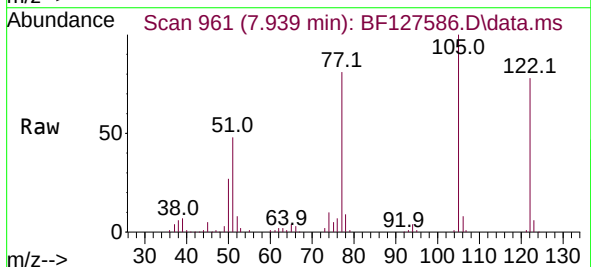
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

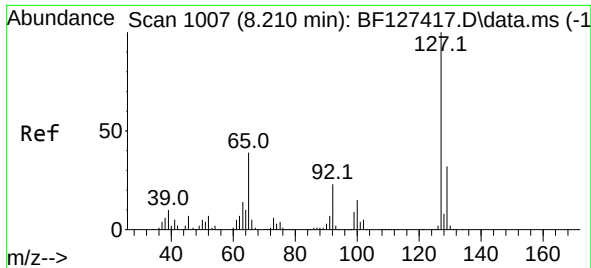
Tgt Ion:128 Resp: 810418  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.4 12.6  
127 13.0 10.2 15.2



#32  
Benzoic acid  
Concen: 41.054 ng  
RT: 7.939 min Scan# 961  
Delta R.T. 0.012 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:122 Resp: 120261  
Ion Ratio Lower Upper  
122 100  
105 128.1 117.1 157.1  
77 104.3 93.0 133.0

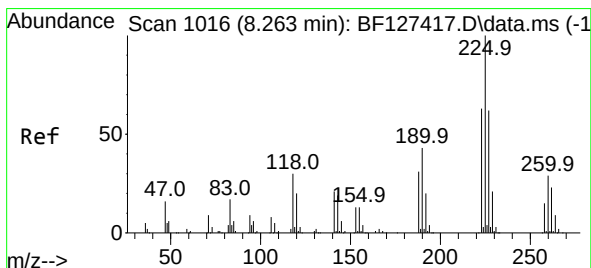
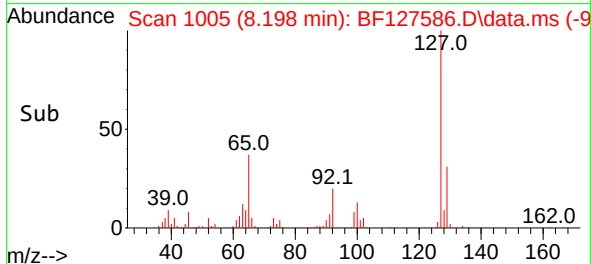
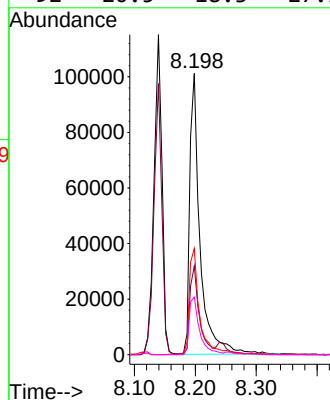
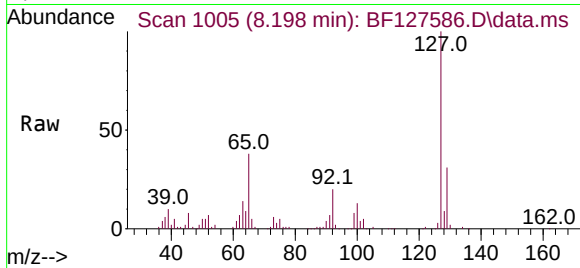




#33  
4-Chloroaniline  
Concen: 15.589 ng  
RT: 8.198 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

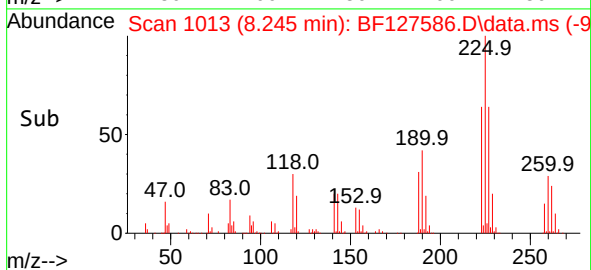
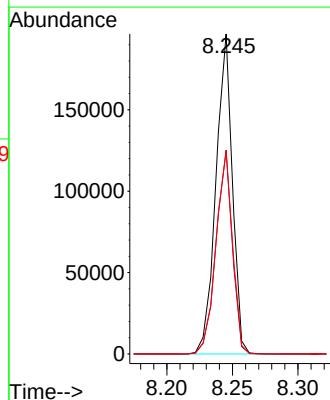
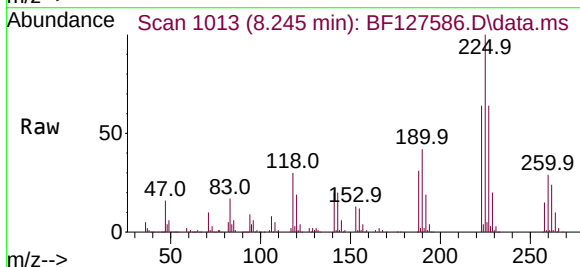
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

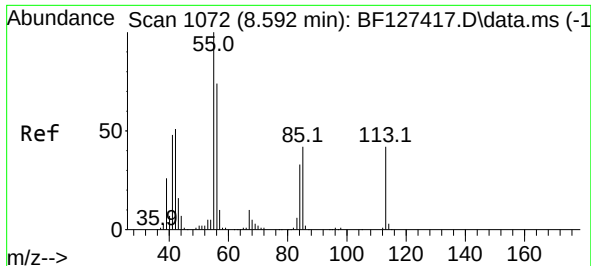
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 119040 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.5  | 25.9  | 38.9   |
| 65        | 37.7  | 31.4  | 47.0   |
| 92        | 20.5  | 18.3  | 27.5   |



#34  
Hexachlorobutadiene  
Concen: 38.972 ng  
RT: 8.245 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 171028 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.6  | 50.6  | 76.0   |
| 227       | 63.5  | 49.6  | 74.4   |

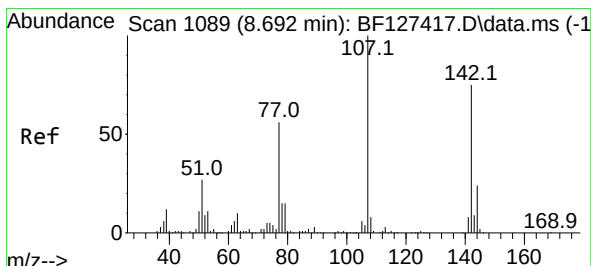
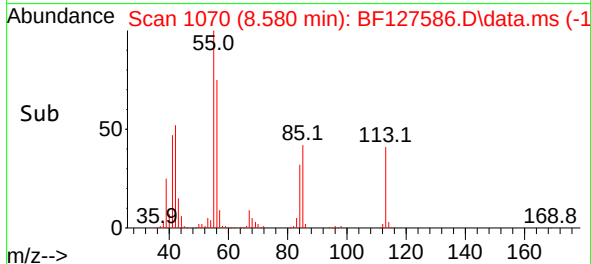
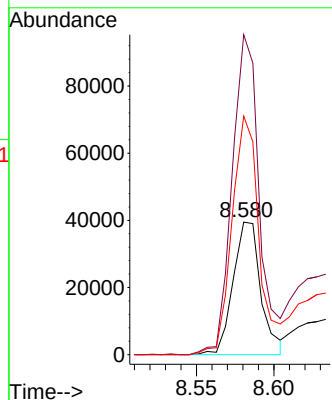
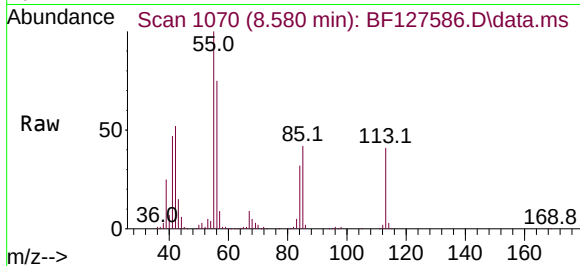




#35  
 Caprolactam  
 Concen: 26.871 ng  
 RT: 8.580 min Scan# 1072  
 Delta R.T. -0.006 min  
 Lab File: BF127586.D  
 Acq: 30 Mar 2022 14:20

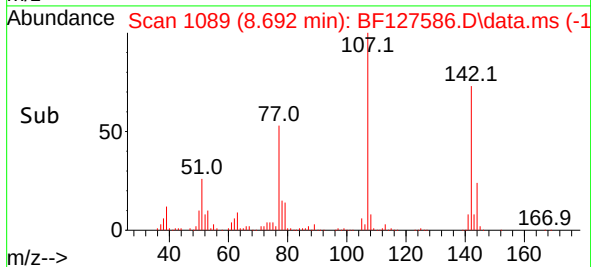
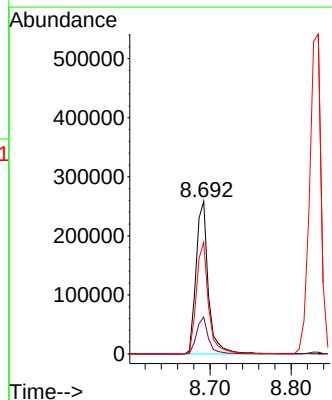
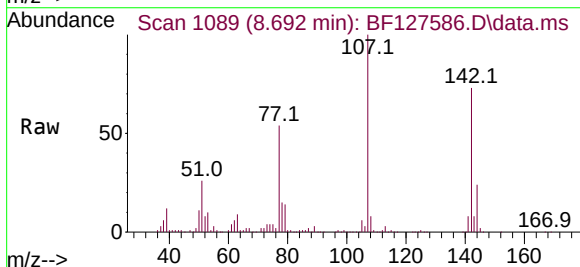
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143741BS

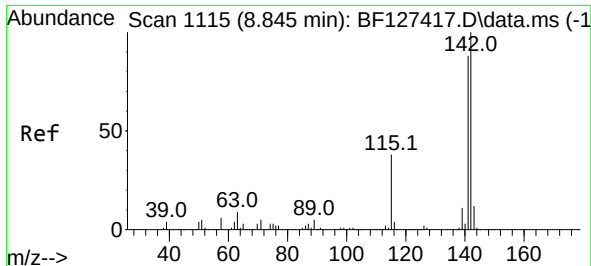
Tgt Ion:113 Resp: 49130  
 Ion Ratio Lower Upper  
 113 100  
 55 241.4 218.7 258.7  
 56 180.0 156.2 196.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.518 ng  
 RT: 8.692 min Scan# 1089  
 Delta R.T. 0.012 min  
 Lab File: BF127586.D  
 Acq: 30 Mar 2022 14:20

Tgt Ion:107 Resp: 273592  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 19.3 28.9  
 142 73.2 59.8 89.8

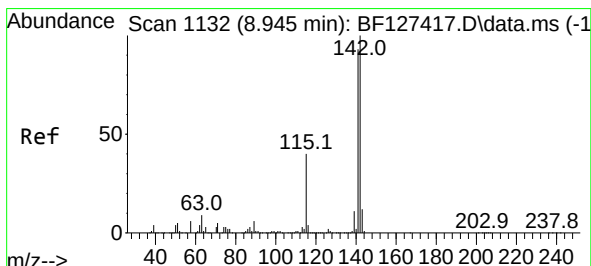
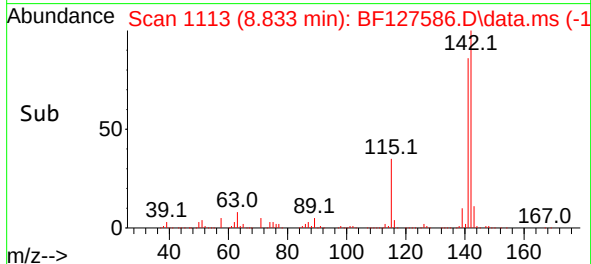
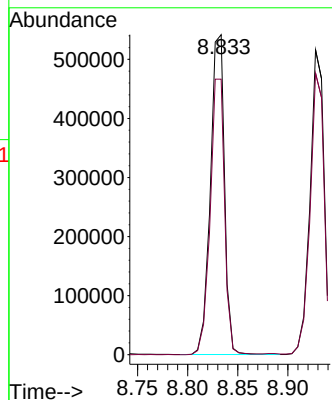
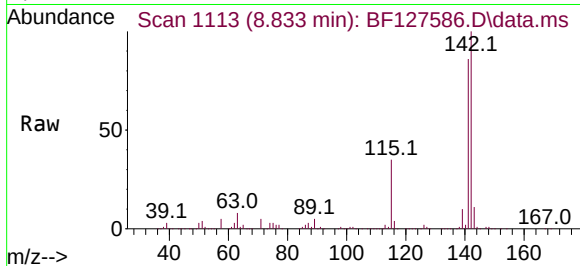




#37  
2-Methylnaphthalene  
Concen: 42.044 ng  
RT: 8.833 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

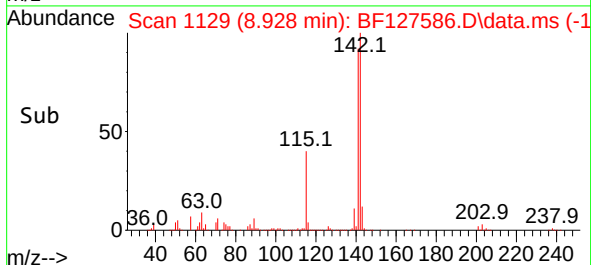
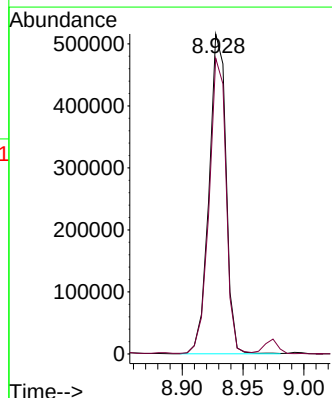
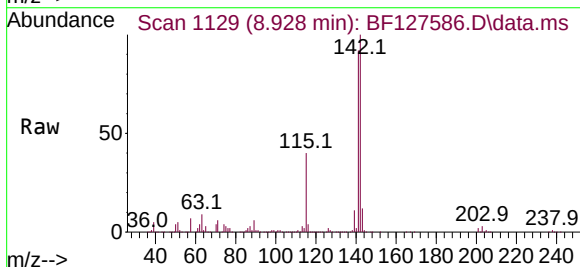
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

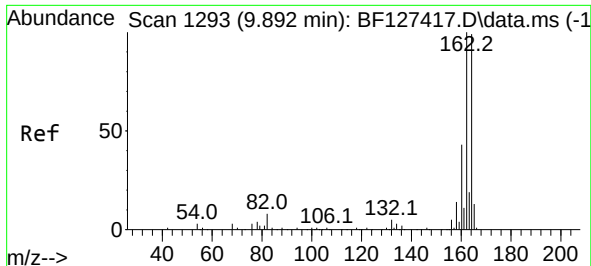
Tgt Ion:142 Resp: 532739  
Ion Ratio Lower Upper  
142 100  
141 86.1 70.6 106.0



#38  
1-Methylnaphthalene  
Concen: 40.039 ng  
RT: 8.928 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:142 Resp: 501669  
Ion Ratio Lower Upper  
142 100  
141 92.4 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

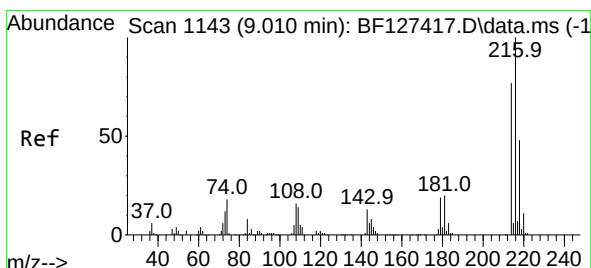
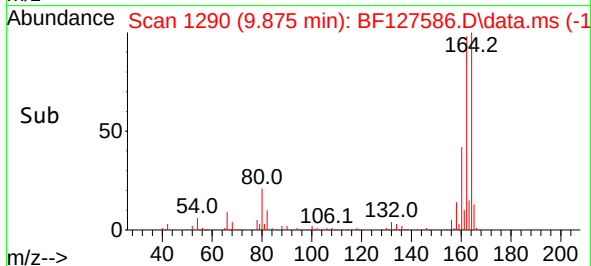
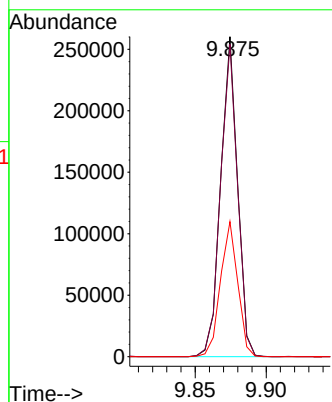
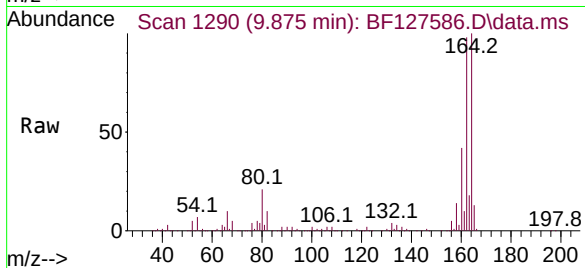
Tgt Ion:164 Resp: 214069

Ion Ratio Lower Upper

164 100

162 97.6 81.2 121.8

160 42.2 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.587 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Tgt Ion:216 Resp: 276251

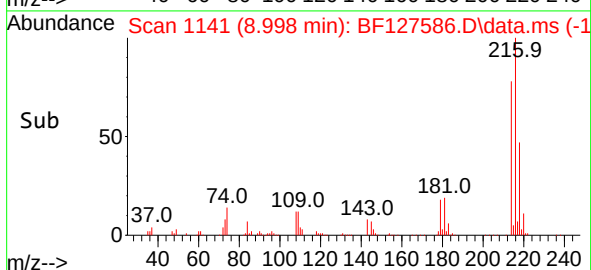
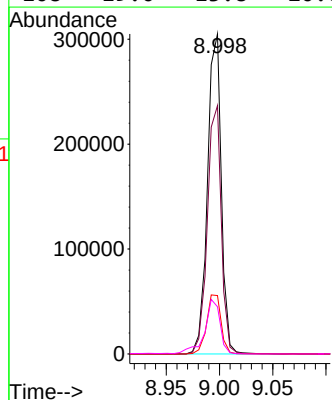
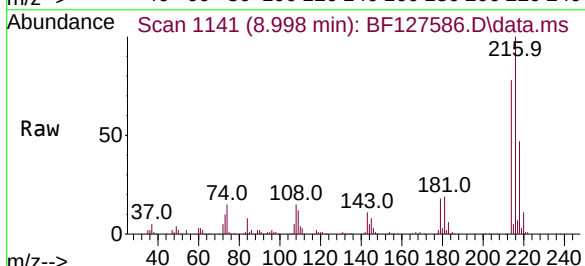
Ion Ratio Lower Upper

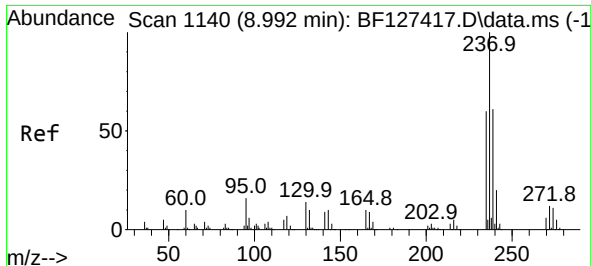
216 100

214 78.4 63.0 94.4

179 19.4 15.5 23.3

108 19.0 13.8 20.6

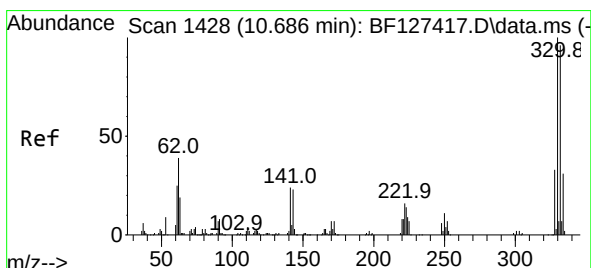
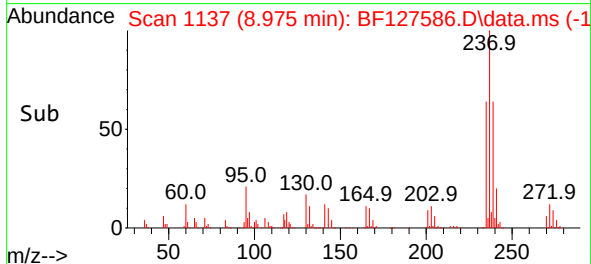
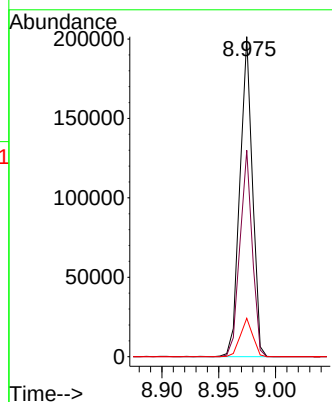
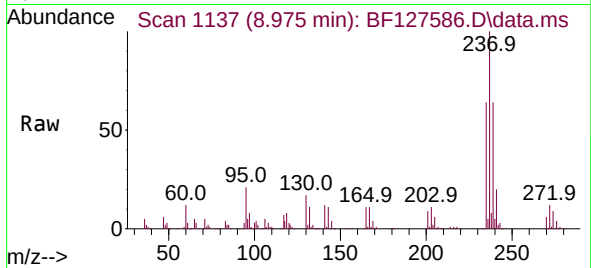




#41  
Hexachlorocyclopentadiene  
Concen: 69.977 ng  
RT: 8.975 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

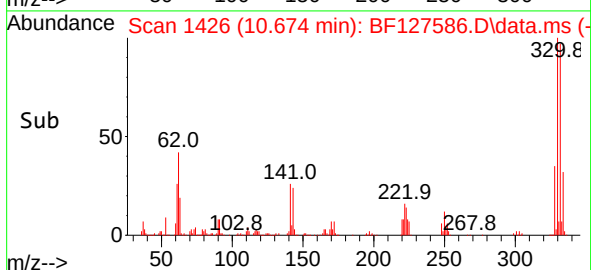
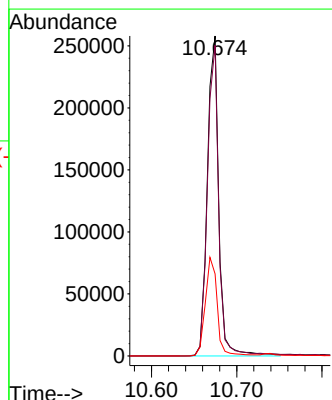
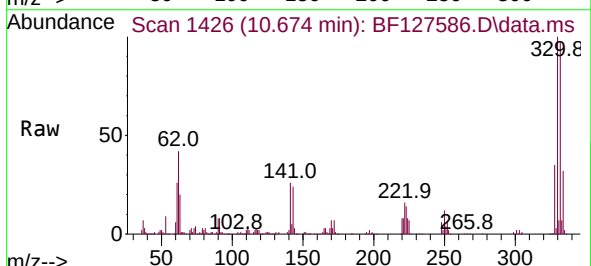
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

Tgt Ion:237 Resp: 153576  
Ion Ratio Lower Upper  
237 100  
235 64.5 40.4 80.4  
272 12.0 0.0 31.8

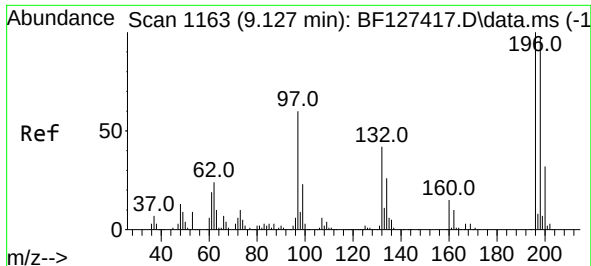


#42  
2,4,6-Tribromophenol  
Concen: 105.310 ng  
RT: 10.674 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:330 Resp: 240147  
Ion Ratio Lower Upper  
330 100  
332 97.1 79.1 118.7  
141 32.0 26.2 39.4



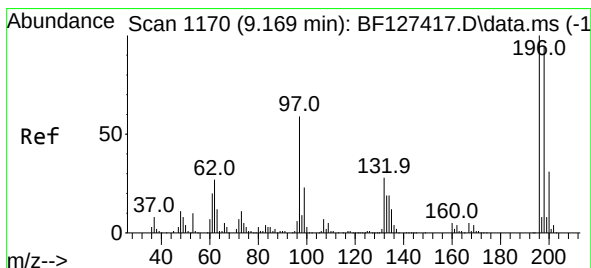
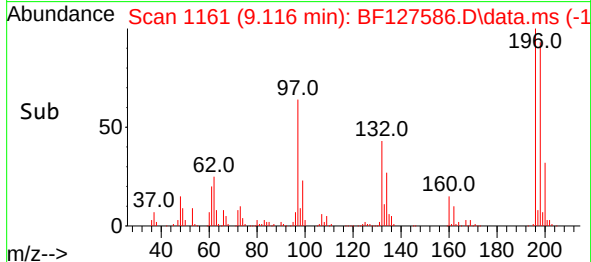
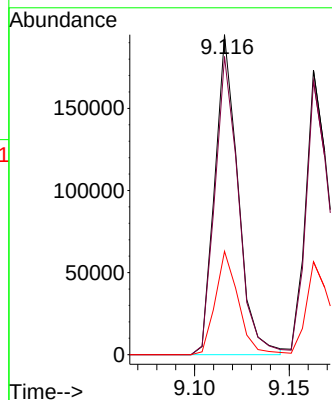
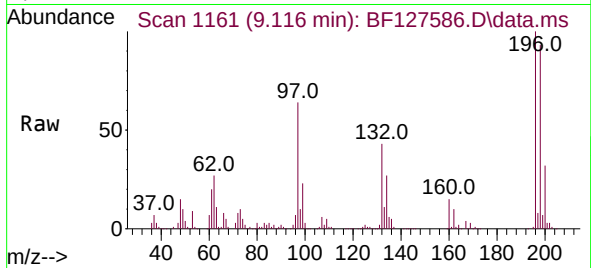




#43  
2,4,6-Trichlorophenol  
Concen: 40.280 ng  
RT: 9.116 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

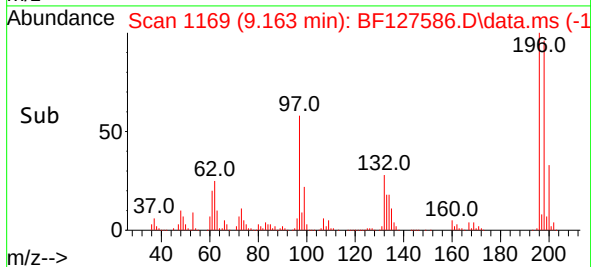
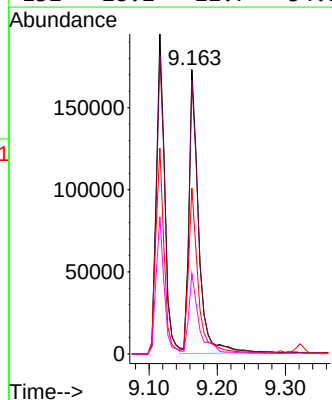
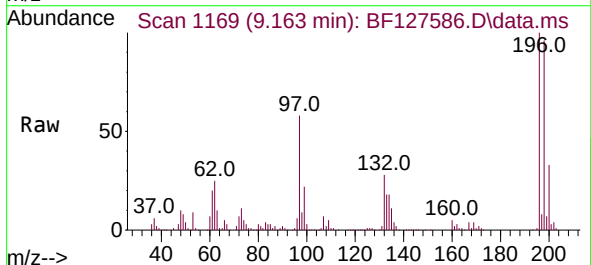
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

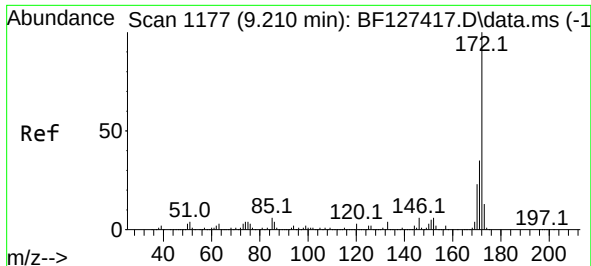
Tgt Ion:196 Resp: 165725  
Ion Ratio Lower Upper  
196 100  
198 93.2 77.8 116.6  
200 32.3 25.9 38.9



#44  
2,4,5-Trichlorophenol  
Concen: 40.385 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:196 Resp: 171039  
Ion Ratio Lower Upper  
196 100  
198 96.3 75.3 112.9  
97 58.4 46.8 70.2  
132 28.2 22.7 34.1

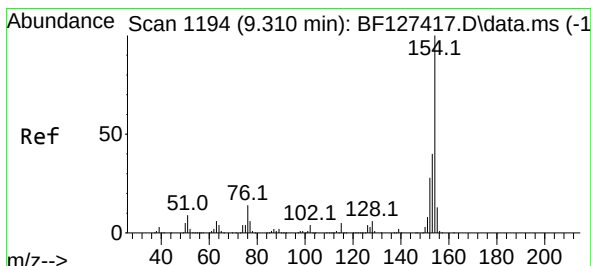
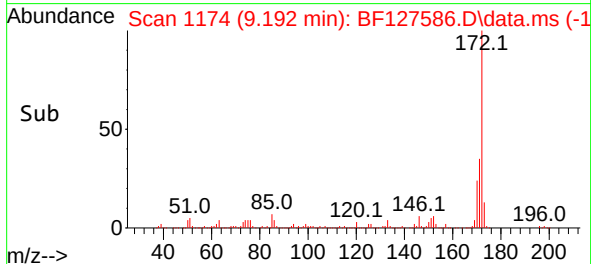
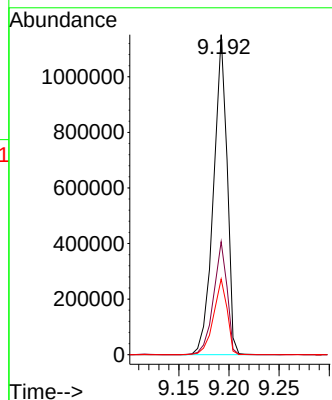
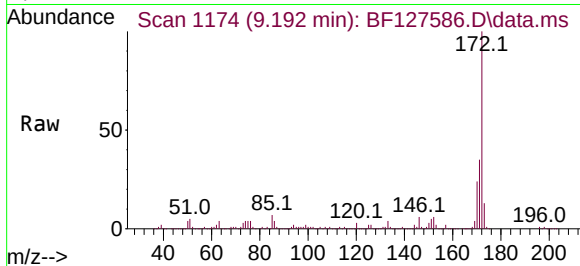




#45  
2-Fluorobiphenyl  
Concen: 74.065 ng  
RT: 9.192 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

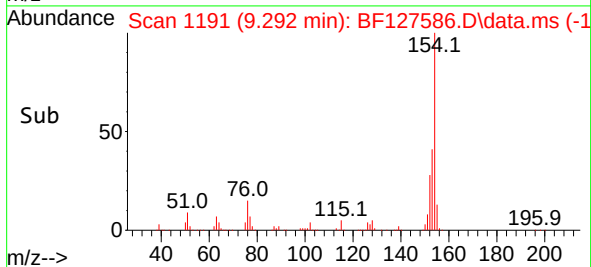
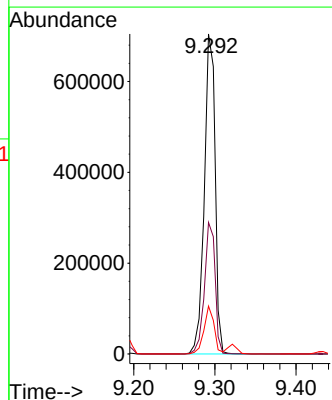
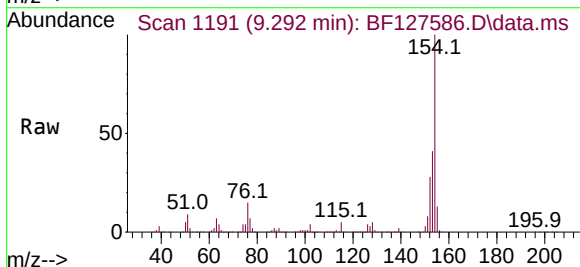
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

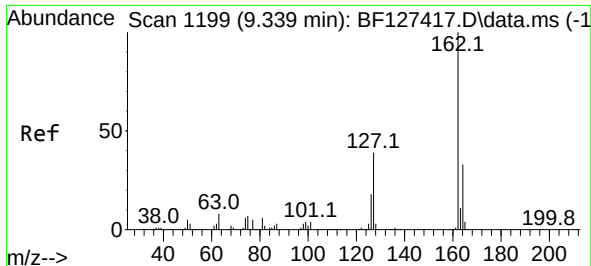
Tgt Ion:172 Resp: 1085784  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.4 42.6  
170 23.7 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 40.280 ng  
RT: 9.292 min Scan# 1191  
Delta R.T. -0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:154 Resp: 651242  
Ion Ratio Lower Upper  
154 100  
153 41.1 20.3 60.3  
76 15.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 40.230 ng

RT: 9.322 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

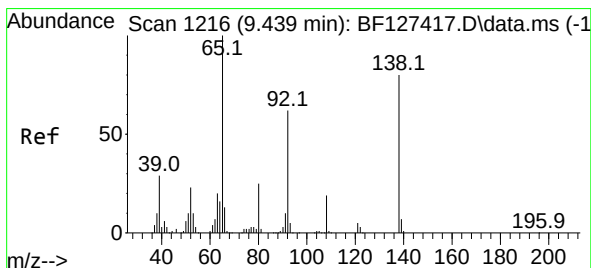
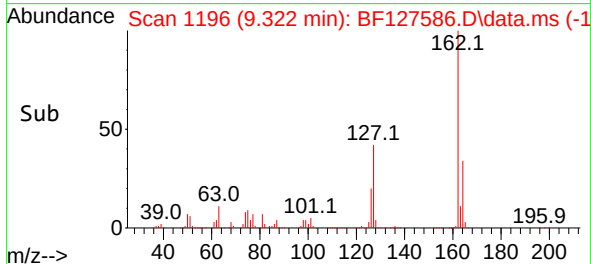
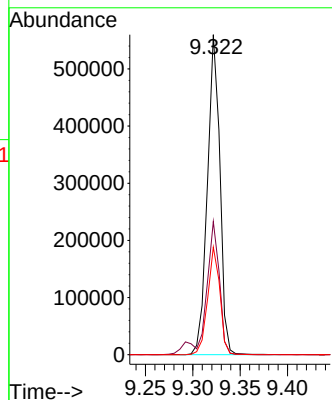
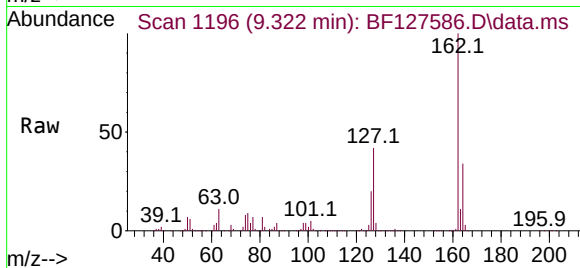
Tgt Ion:162 Resp: 512196

Ion Ratio Lower Upper

162 100

127 41.6 31.8 47.6

164 33.6 26.4 39.6



#48

2-Nitroaniline

Concen: 41.274 ng

RT: 9.433 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

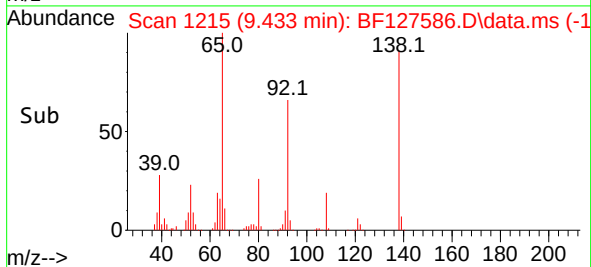
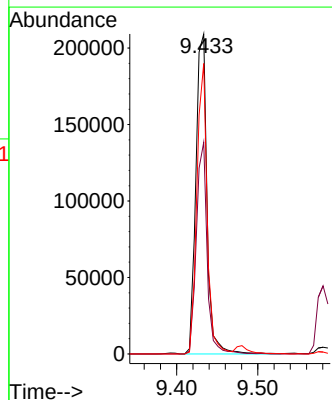
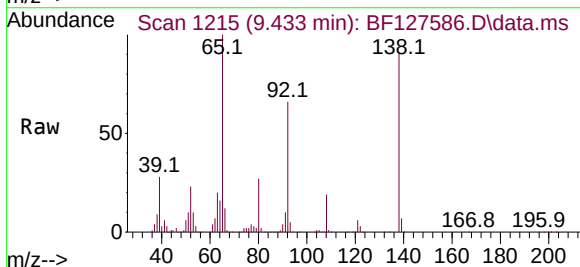
Tgt Ion: 65 Resp: 201398

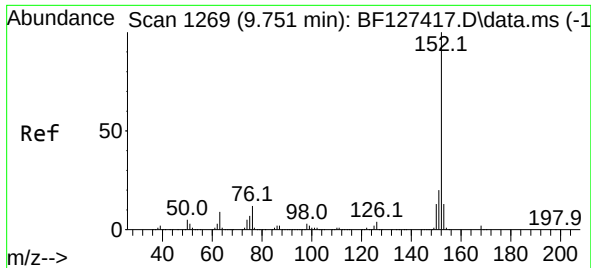
Ion Ratio Lower Upper

65 100

92 66.1 50.0 75.0

138 90.8 64.1 96.1

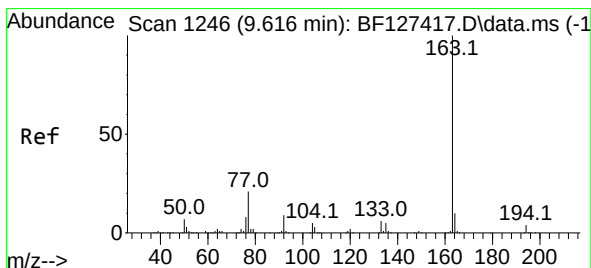
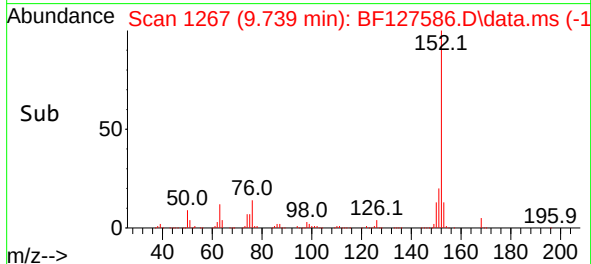
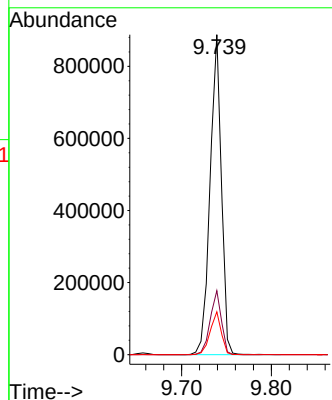
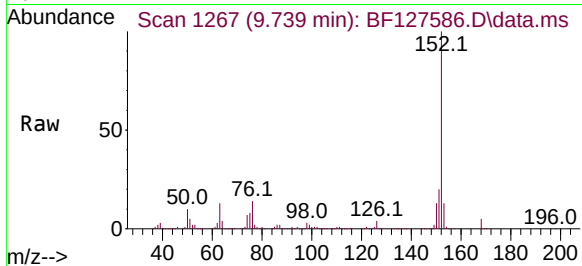




#49  
Acenaphthylene  
Concen: 40.386 ng  
RT: 9.739 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

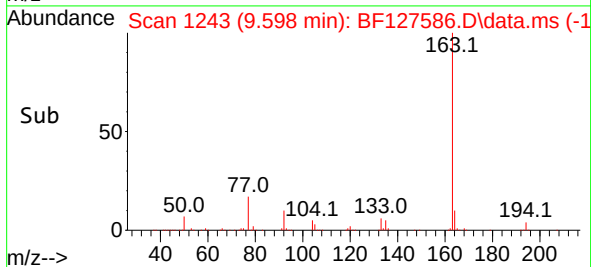
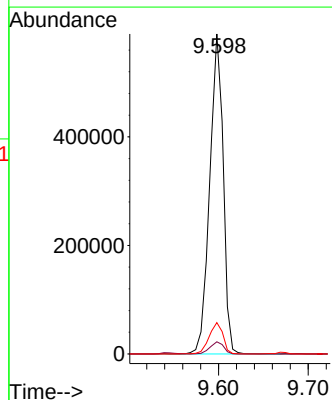
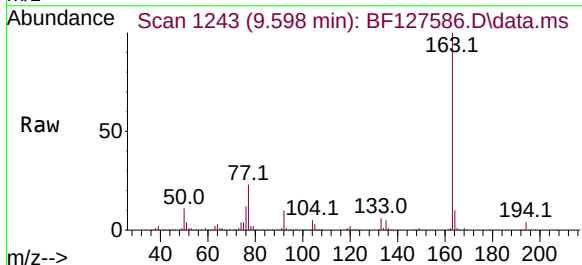
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

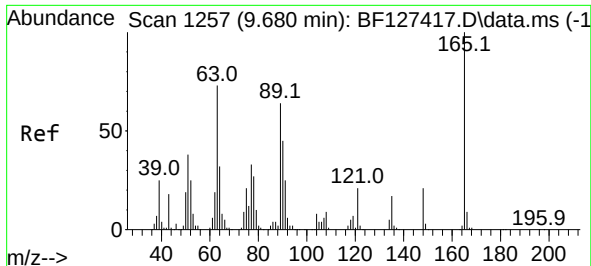
Tgt Ion:152 Resp: 777327  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.8  
153 13.4 10.5 15.7



#50  
Dimethylphthalate  
Concen: 41.234 ng  
RT: 9.598 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:163 Resp: 614075  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.3 4.9  
164 9.8 7.8 11.8

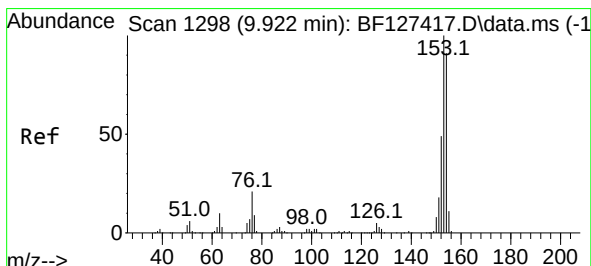
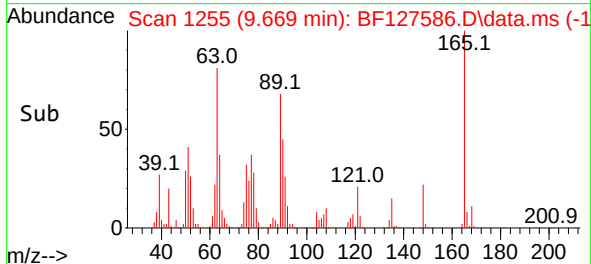
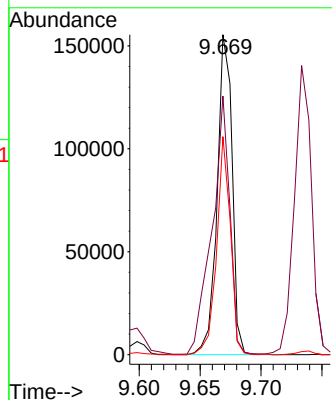
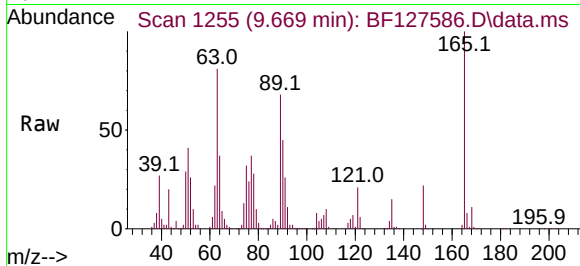




#51  
2,6-Dinitrotoluene  
Concen: 42.654 ng  
RT: 9.669 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

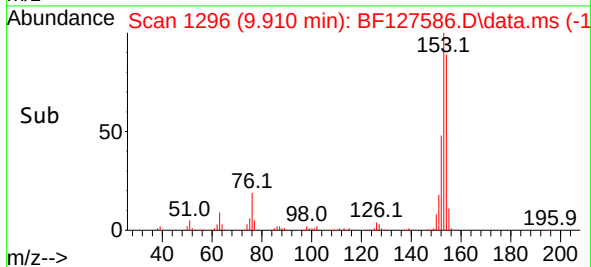
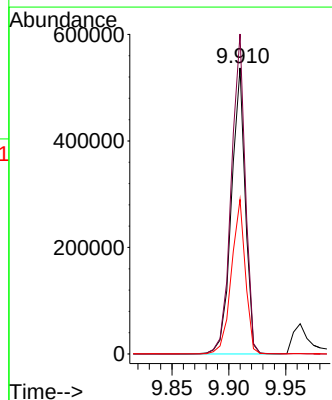
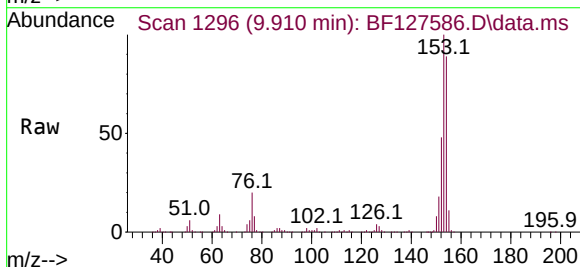
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

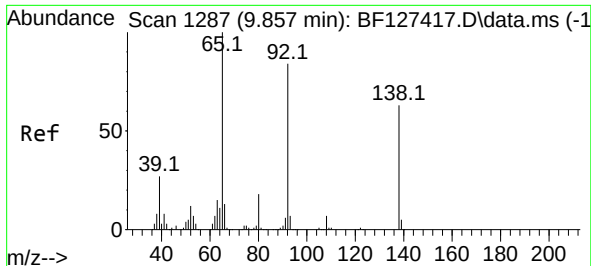
Tgt Ion:165 Resp: 133341  
Ion Ratio Lower Upper  
165 100  
63 80.8 58.3 87.5  
89 68.1 51.5 77.3



#52  
Acenaphthene  
Concen: 40.709 ng  
RT: 9.910 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:154 Resp: 457160  
Ion Ratio Lower Upper  
154 100  
153 111.8 87.6 131.4  
152 54.0 42.9 64.3

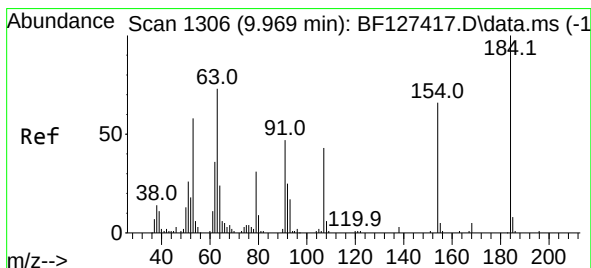
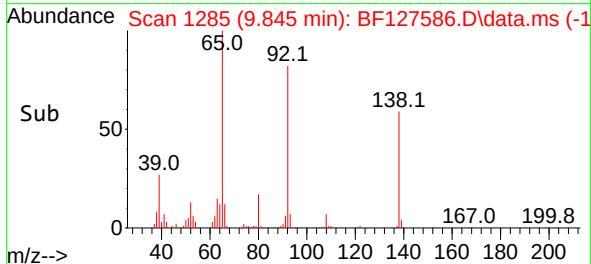
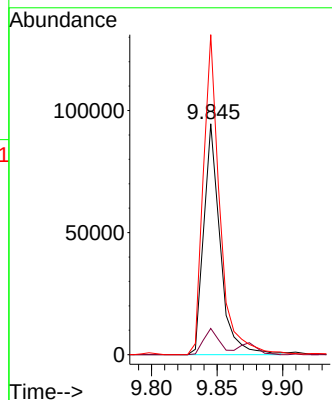
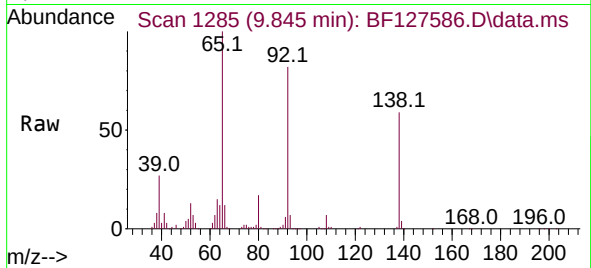




#53  
3-Nitroaniline  
Concen: 24.109 ng  
RT: 9.845 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

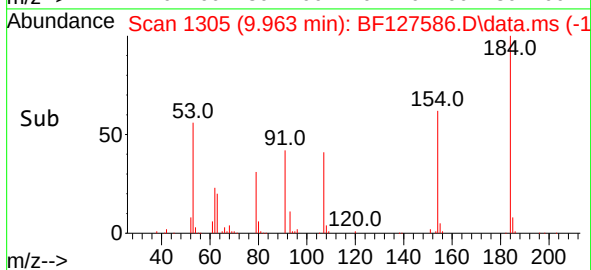
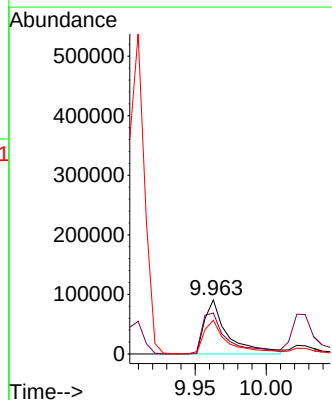
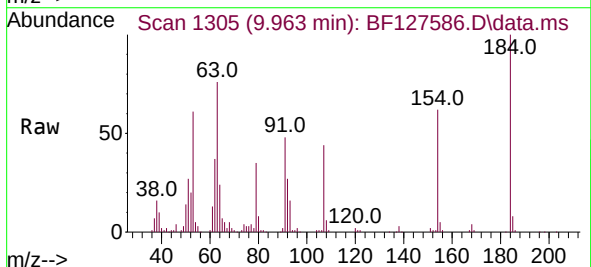
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

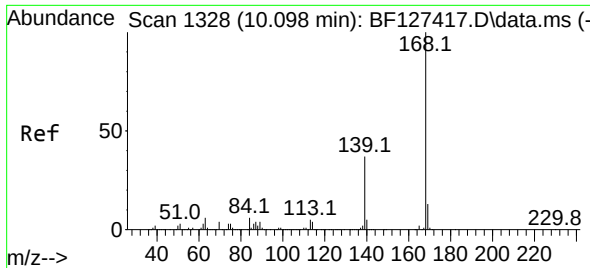
Tgt Ion:138 Resp: 82673  
Ion Ratio Lower Upper  
138 100  
108 11.4 9.4 14.0  
92 138.6 106.1 159.1



#54  
2,4-Dinitrophenol  
Concen: 66.736 ng  
RT: 9.963 min Scan# 1305  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:184 Resp: 102738  
Ion Ratio Lower Upper  
184 100  
63 75.5 58.1 87.1  
154 62.5 53.2 79.8

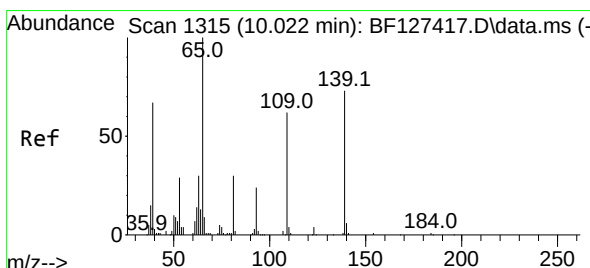
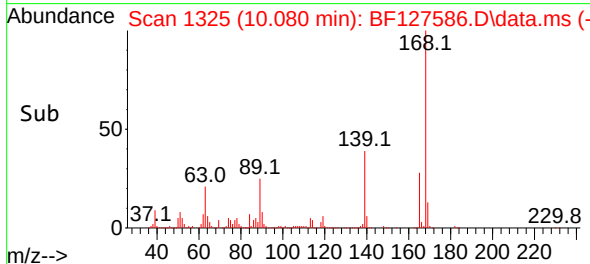
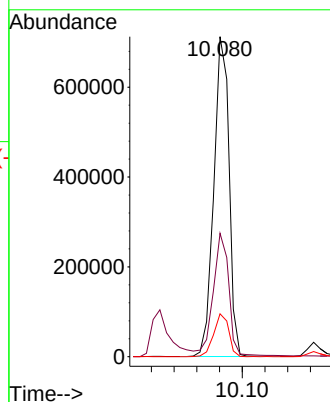
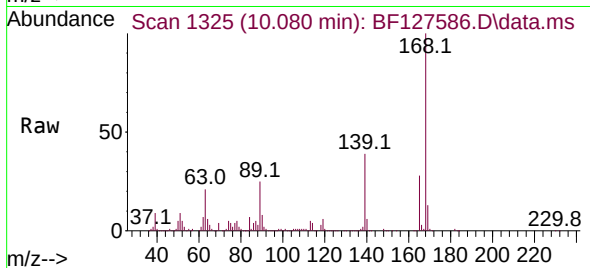




#55  
Dibenzenofuran  
Concen: 40.637 ng  
RT: 10.080 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

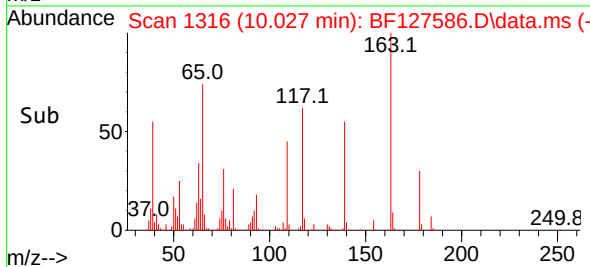
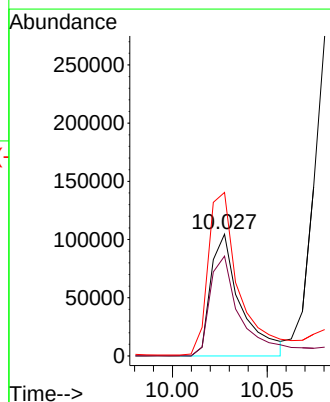
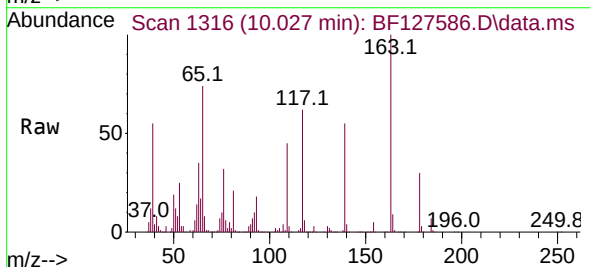
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

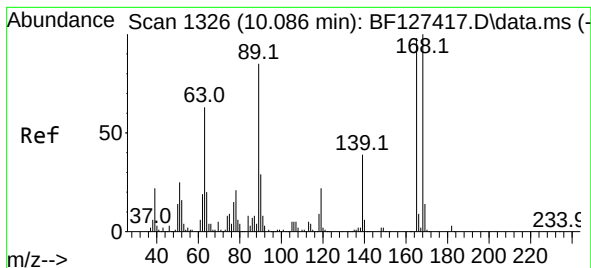
Tgt Ion:168 Resp: 663696  
Ion Ratio Lower Upper  
168 100  
139 38.6 30.3 45.5  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 66.326 ng  
RT: 10.027 min Scan# 1316  
Delta R.T. 0.012 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:139 Resp: 115760  
Ion Ratio Lower Upper  
139 100  
109 82.0 64.3 104.3  
65 134.3 117.5 157.5

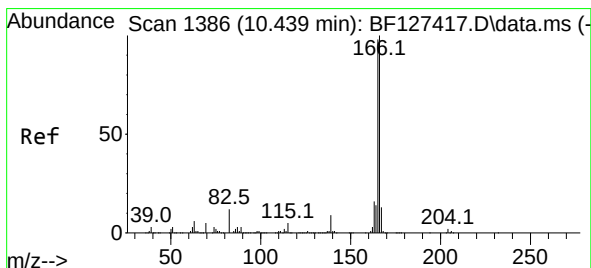
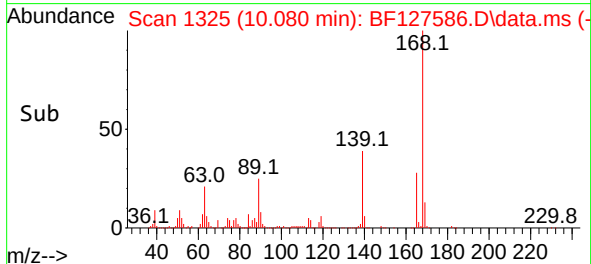
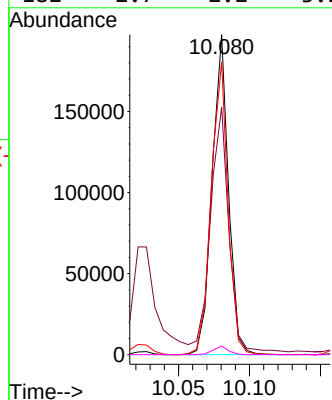
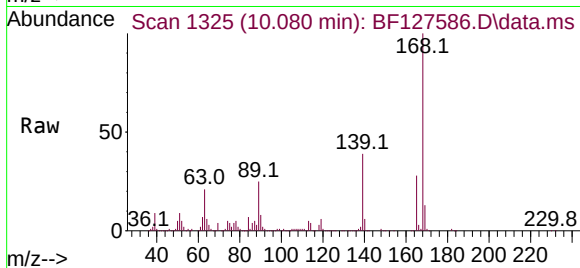




#57  
2,4-Dinitrotoluene  
Concen: 39.589 ng  
RT: 10.080 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

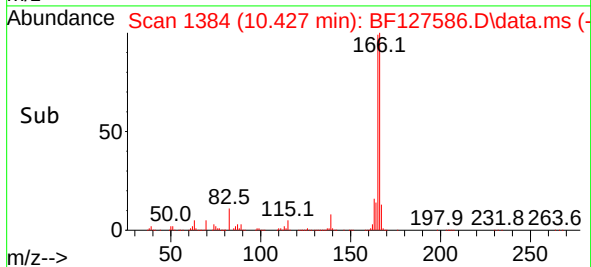
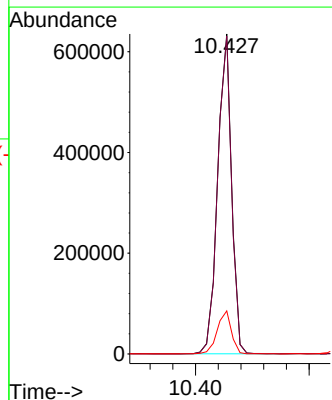
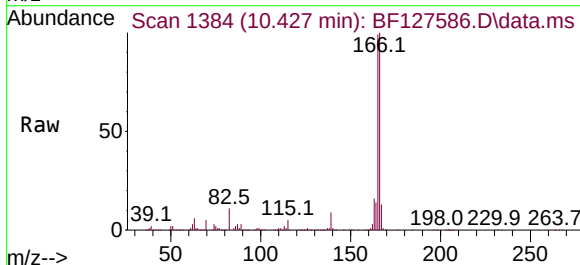
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

Tgt Ion:165 Resp: 159298  
Ion Ratio Lower Upper  
165 100  
63 77.3 53.1 79.7  
89 91.5 69.2 103.8  
182 2.7 2.2 3.2

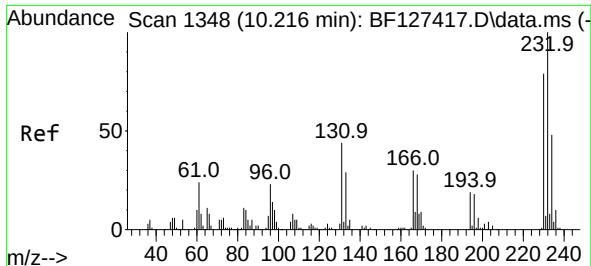


#58  
Fluorene  
Concen: 41.269 ng  
RT: 10.427 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:166 Resp: 539513  
Ion Ratio Lower Upper  
166 100  
165 99.3 78.1 117.1  
167 13.5 10.5 15.7







#59

2,3,4,6-Tetrachlorophenol

Concen: 37.723 ng

RT: 10.204 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

Tgt Ion:232 Resp: 141252

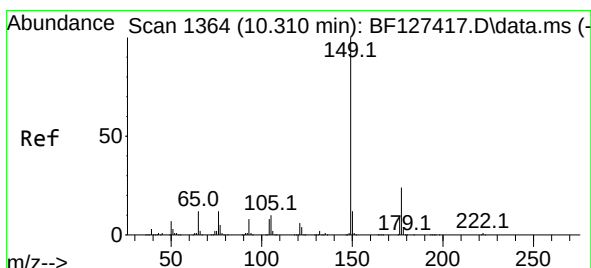
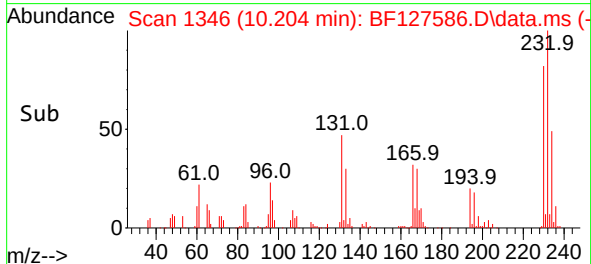
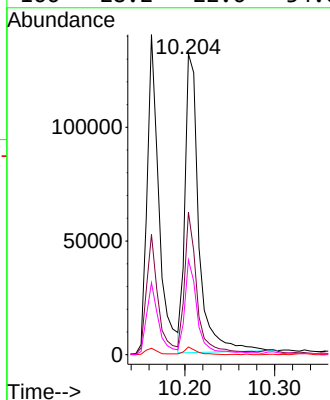
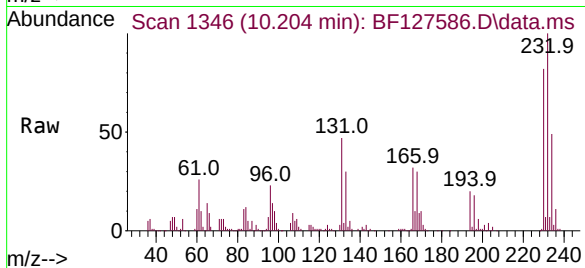
Ion Ratio Lower Upper

232 100

131 40.8 33.4 50.0

130 2.4 1.8 2.6

166 28.2 22.6 34.0



#60

Diethylphthalate

Concen: 40.431 ng

RT: 10.298 min Scan# 1362

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

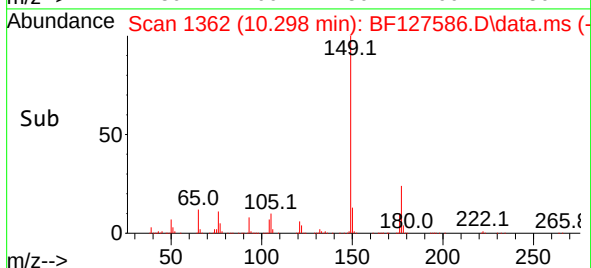
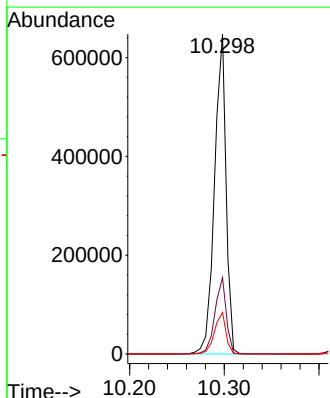
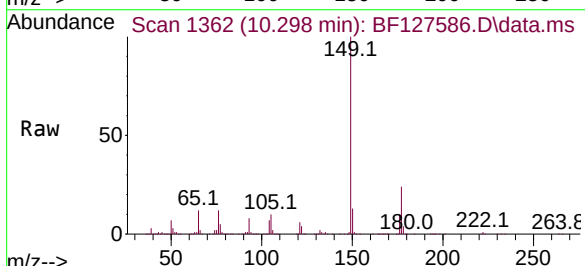
Tgt Ion:149 Resp: 549945

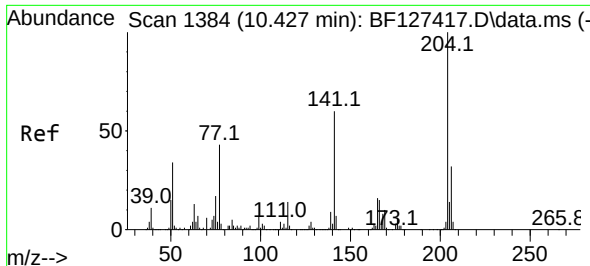
Ion Ratio Lower Upper

149 100

177 23.9 18.9 28.3

150 12.9 10.0 15.0

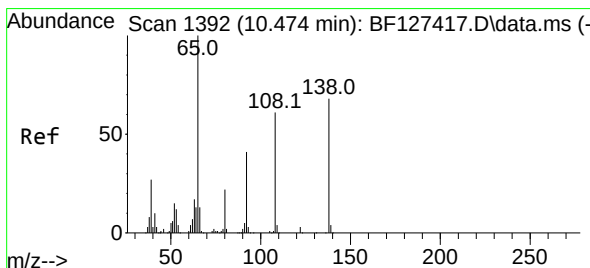
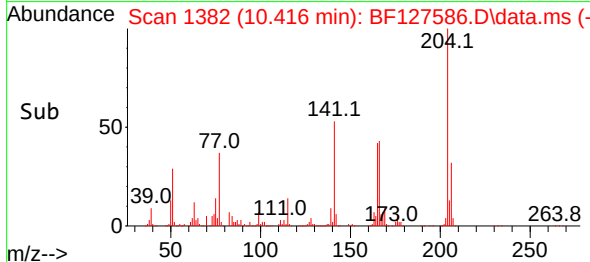
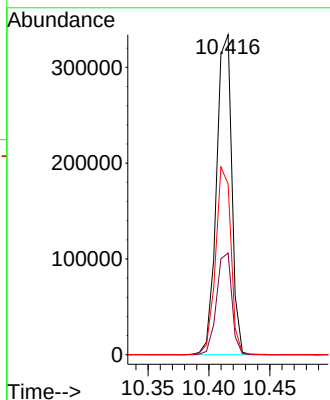
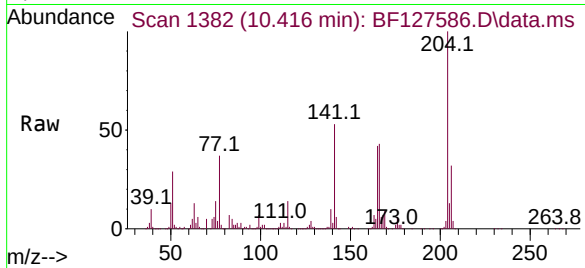




#61  
4-Chlorophenyl-phenylether  
Concen: 38.012 ng  
RT: 10.416 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

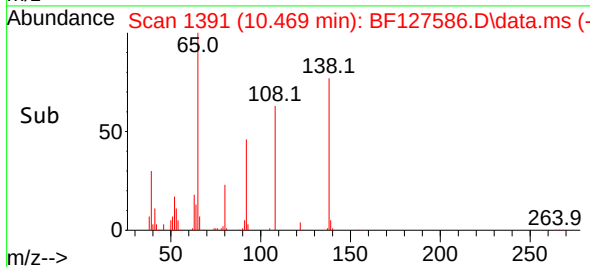
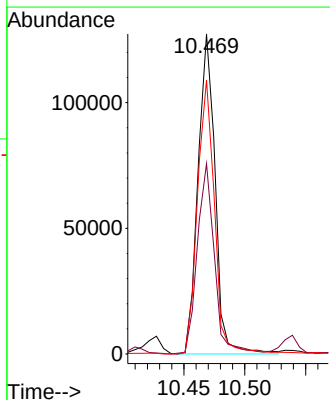
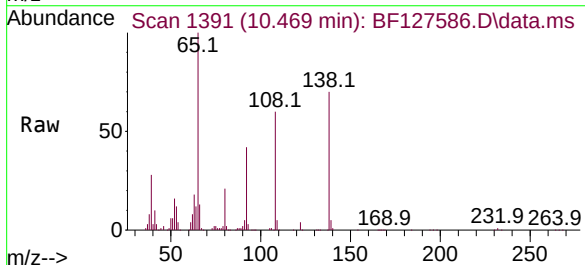
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

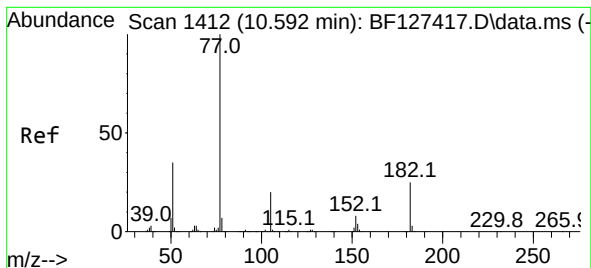
Tgt Ion:204 Resp: 292576  
Ion Ratio Lower Upper  
204 100  
206 31.7 25.9 38.9  
141 53.3 47.8 71.8



#62  
4-Nitroaniline  
Concen: 38.733 ng  
RT: 10.469 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:138 Resp: 124413  
Ion Ratio Lower Upper  
138 100  
92 59.5 40.5 80.5  
108 85.6 69.2 109.2





#63

Azobenzene

Concen: 40.203 ng

RT: 10.574 min Scan# 1409

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

Tgt Ion: 77 Resp: 645248

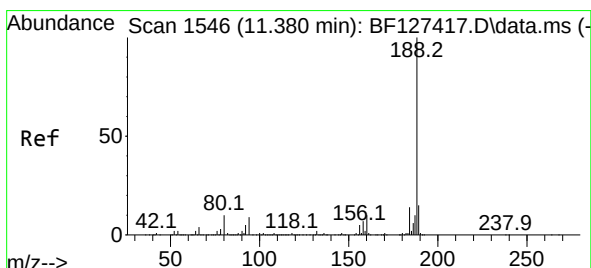
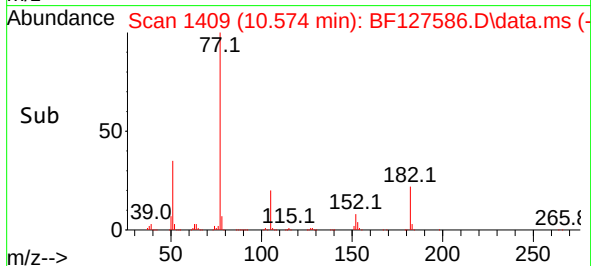
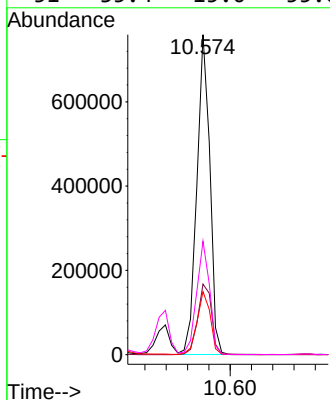
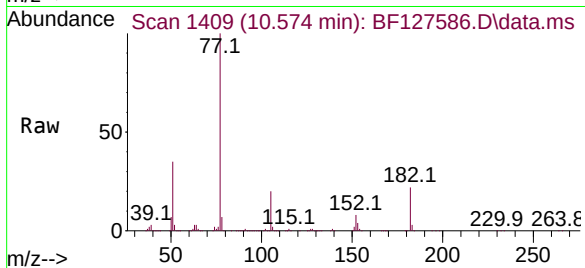
Ion Ratio Lower Upper

77 100

182 22.1 4.5 44.5

105 19.7 0.3 40.3

51 35.4 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

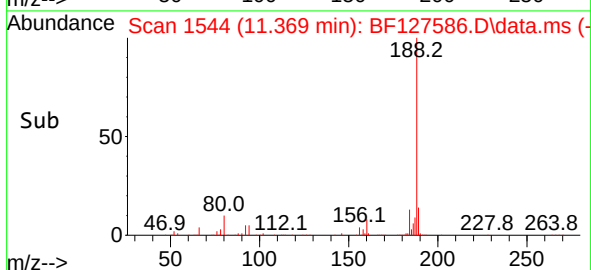
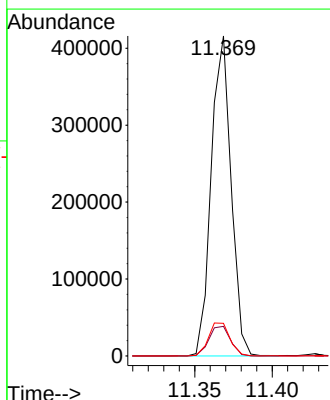
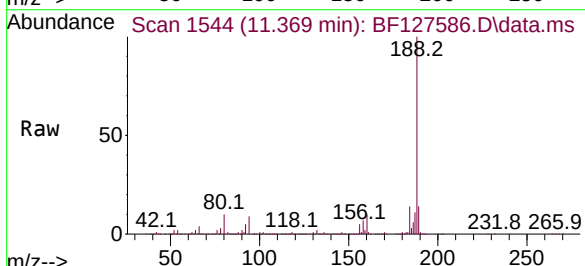
Tgt Ion: 188 Resp: 370339

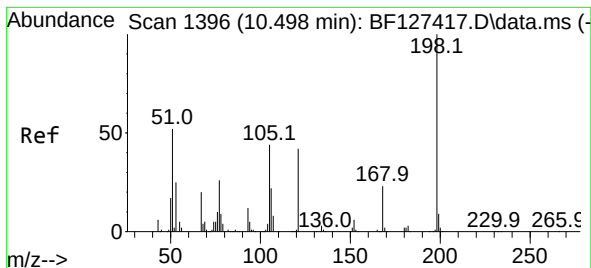
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 10.2 8.0 12.0

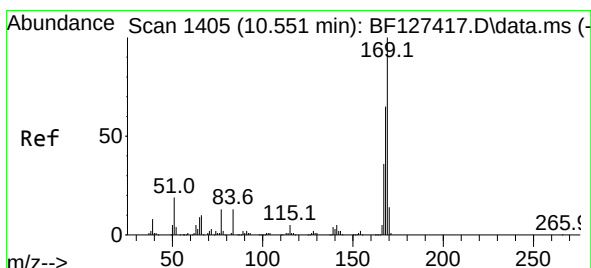
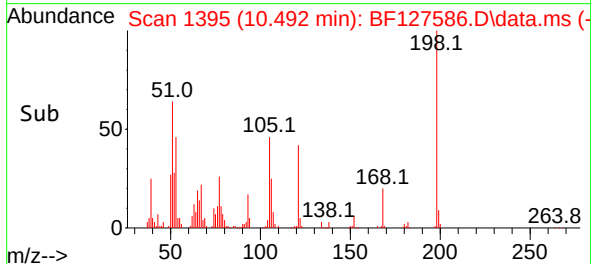
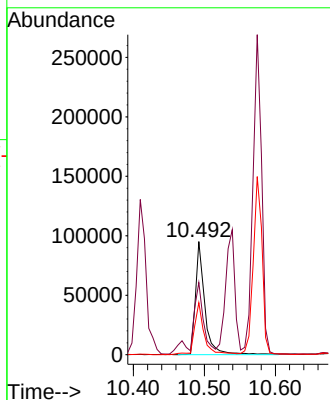
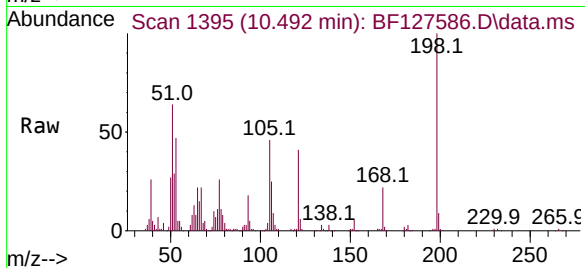




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.450 ng  
RT: 10.492 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

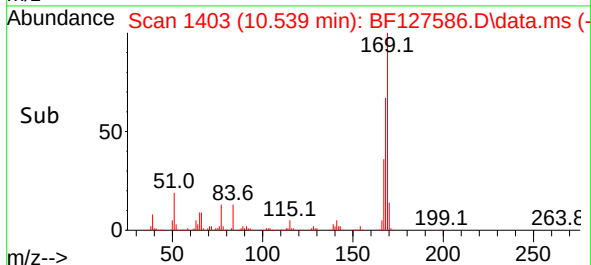
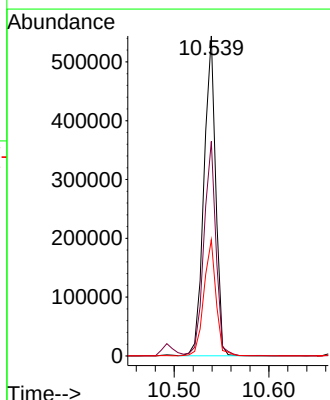
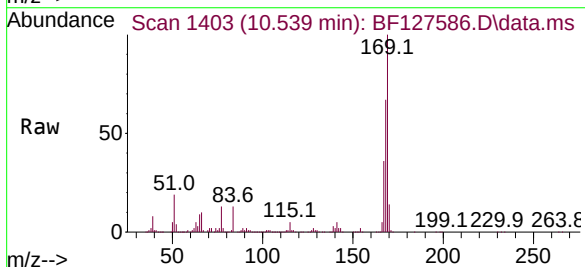
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

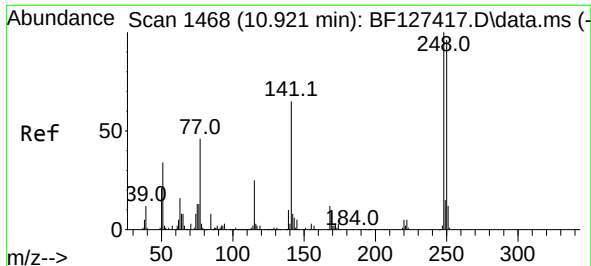
Tgt Ion:198 Resp: 87619  
Ion Ratio Lower Upper  
198 100  
51 63.8 42.7 82.7  
105 46.0 25.4 65.4



#66  
n-Nitrosodiphenylamine  
Concen: 41.559 ng  
RT: 10.539 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:169 Resp: 468504  
Ion Ratio Lower Upper  
169 100  
168 67.1 52.7 79.1  
167 36.3 28.9 43.3

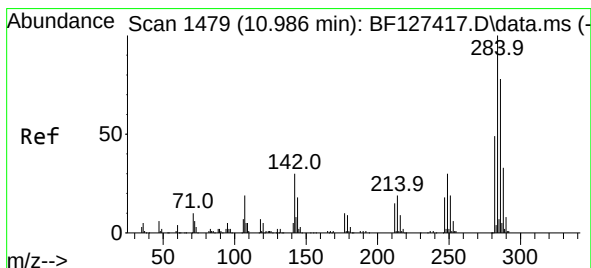
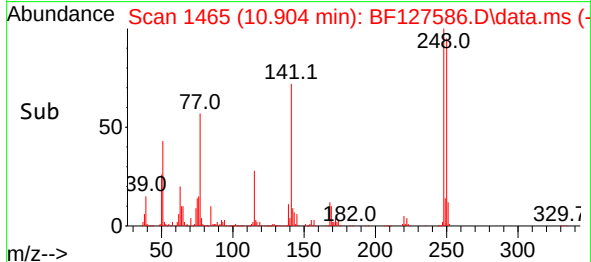
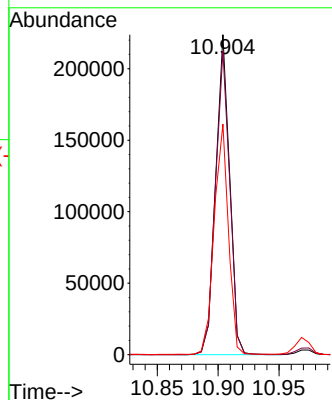
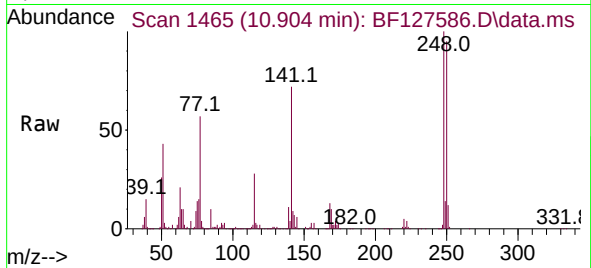




#67  
4-Bromophenyl-phenylether  
Concen: 41.375 ng  
RT: 10.904 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

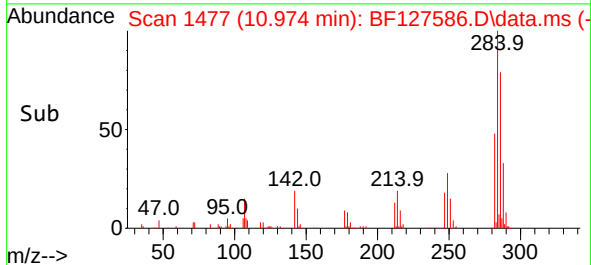
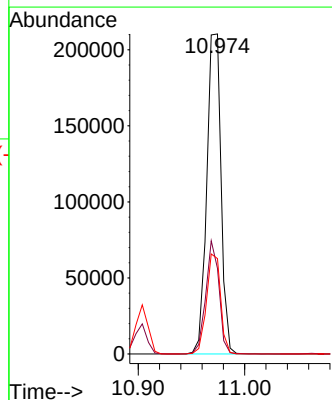
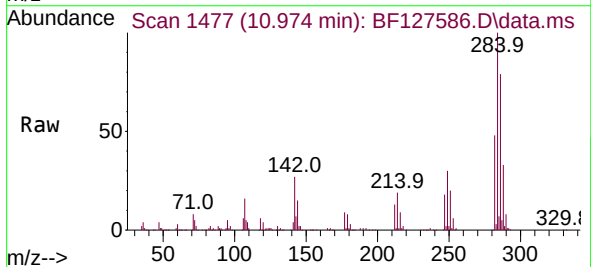
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

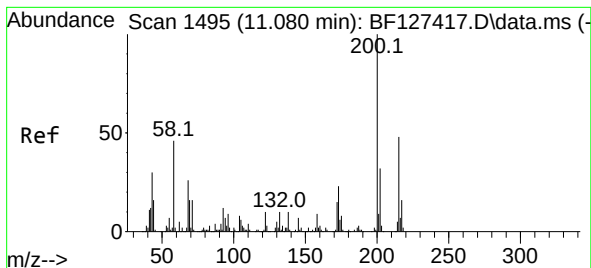
Tgt Ion:248 Resp: 178898  
Ion Ratio Lower Upper  
248 100  
250 94.9 76.6 115.0  
141 72.1 52.2 78.2



#68  
Hexachlorobenzene  
Concen: 41.675 ng  
RT: 10.974 min Scan# 1477  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:284 Resp: 196691  
Ion Ratio Lower Upper  
284 100  
142 26.7 23.8 35.8  
249 29.8 23.9 35.9





#69

Atrazine

Concen: 48.301 ng

RT: 11.069 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

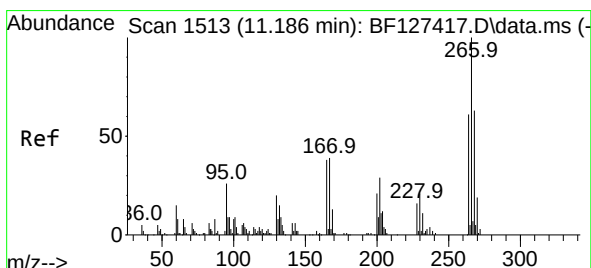
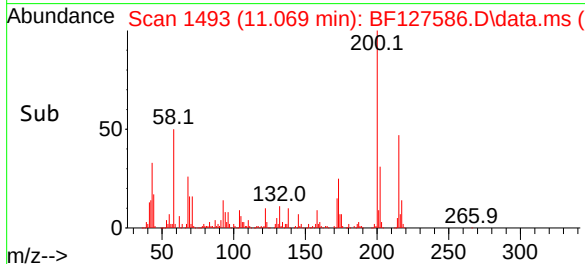
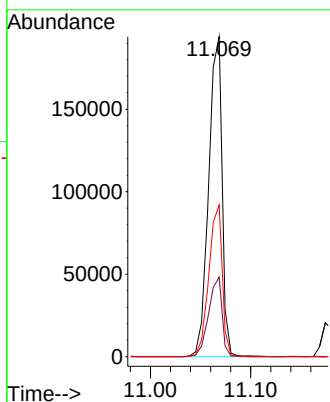
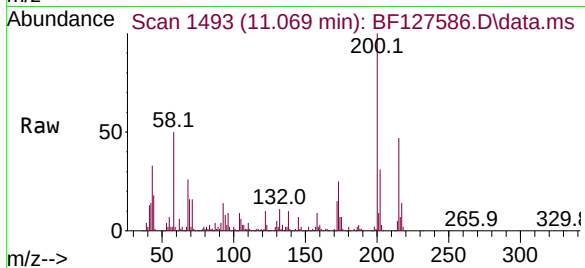
Tgt Ion:200 Resp: 181273

Ion Ratio Lower Upper

200 100

173 24.8 2.9 42.9

215 47.4 28.0 68.0



#70

Pentachlorophenol

Concen: 66.370 ng

RT: 11.174 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

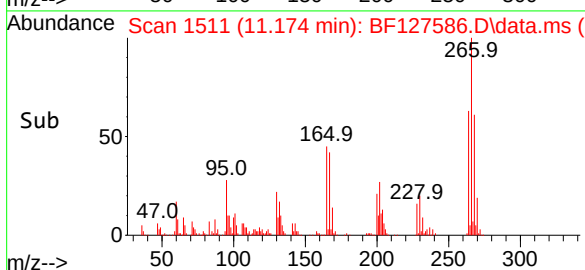
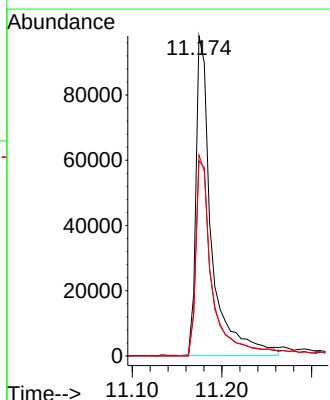
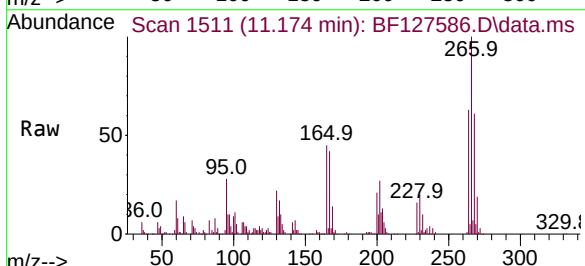
Tgt Ion:266 Resp: 118657

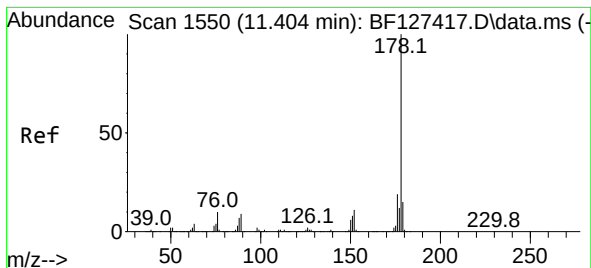
Ion Ratio Lower Upper

266 100

268 61.0 50.4 75.6

264 62.8 48.5 72.7





#71

Phenanthrene

Concen: 41.087 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

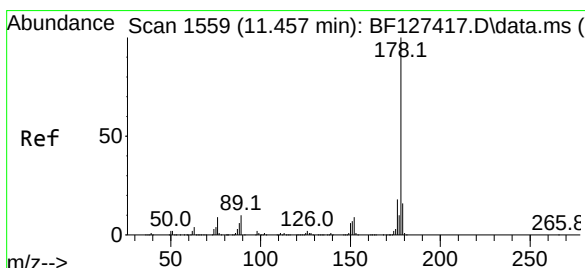
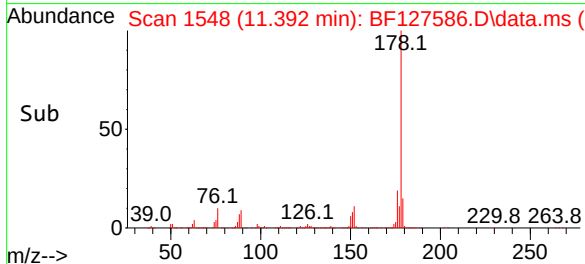
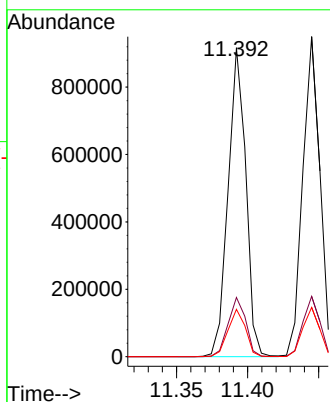
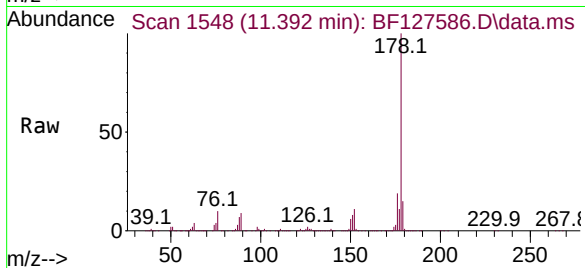
Tgt Ion:178 Resp: 793282

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.3 12.4 18.6



#72

Anthracene

Concen: 42.016 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

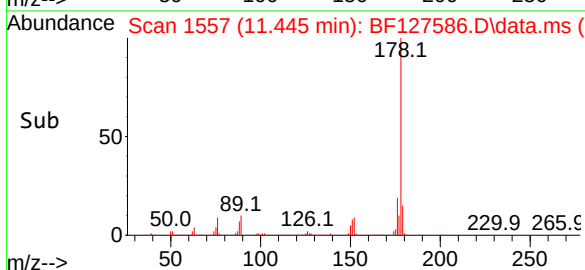
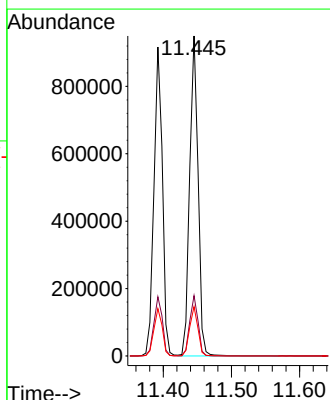
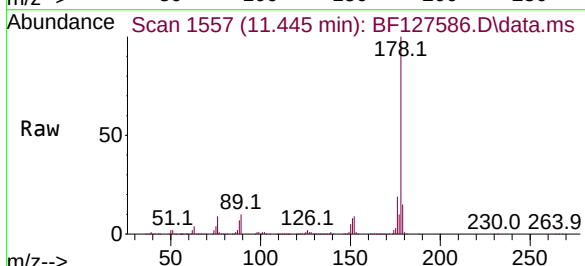
Tgt Ion:178 Resp: 805028

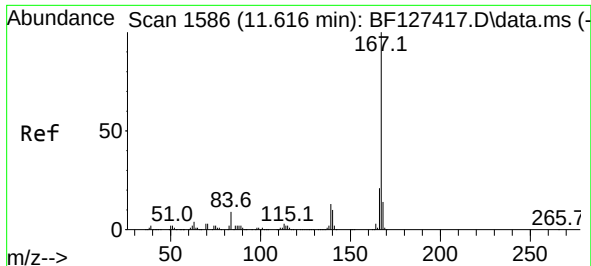
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.4 12.4 18.6

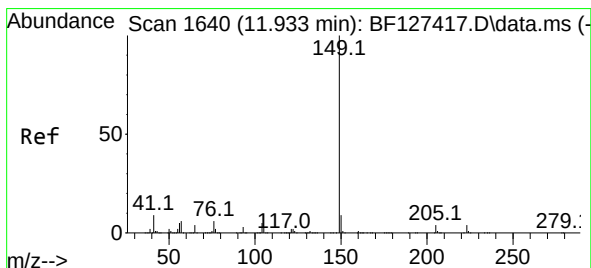
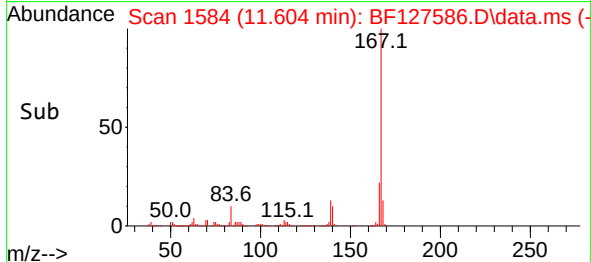
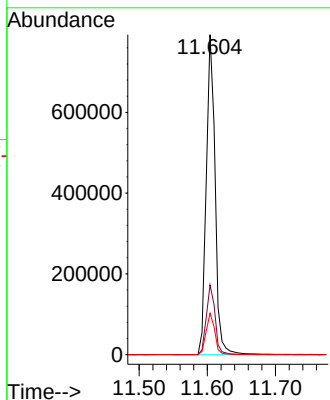
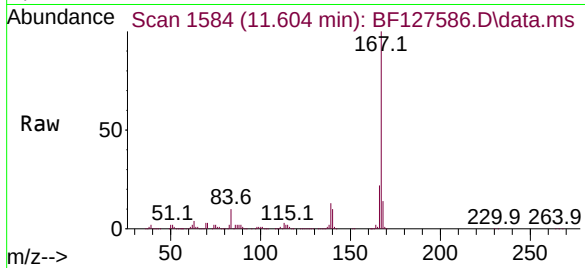




#73  
Carbazole  
Concen: 39.177 ng  
RT: 11.604 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

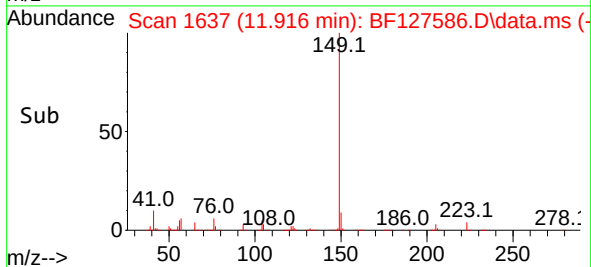
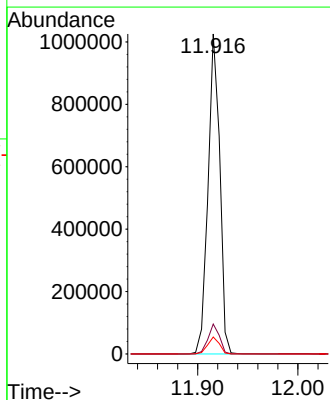
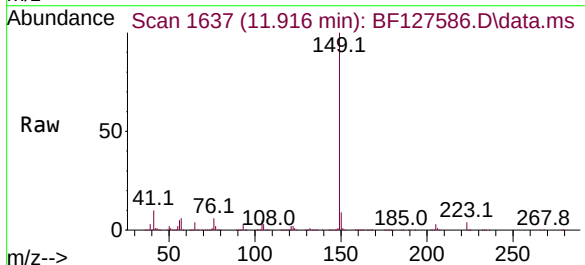
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

Tgt Ion:167 Resp: 717846  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.0 25.4  
139 12.9 10.5 15.7

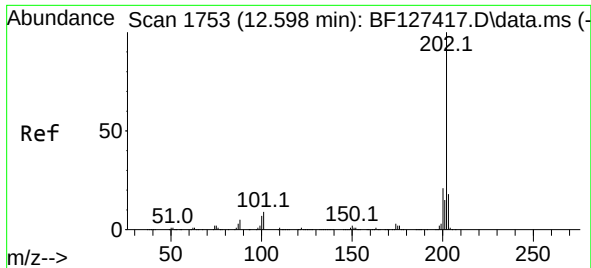


#74  
Di-n-butylphthalate  
Concen: 44.083 ng  
RT: 11.916 min Scan# 1637  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:149 Resp: 836099  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.5 11.3  
104 5.3 4.2 6.2



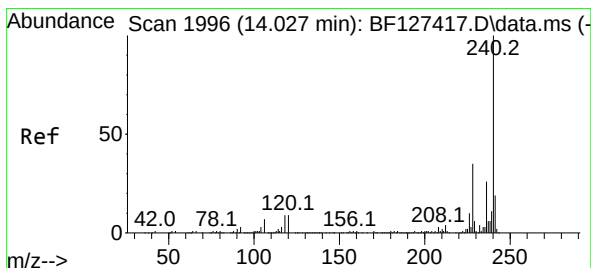
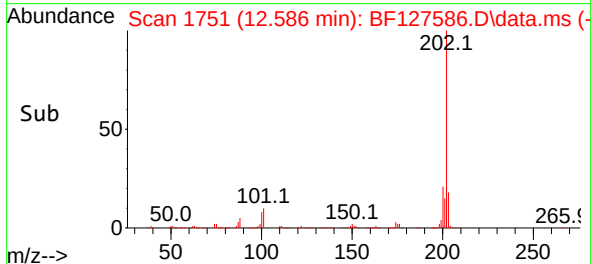
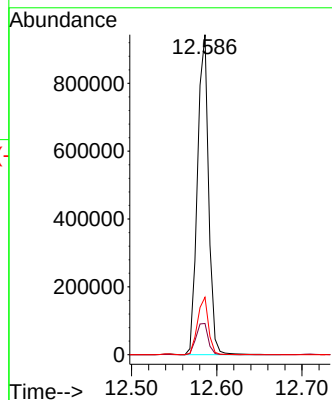
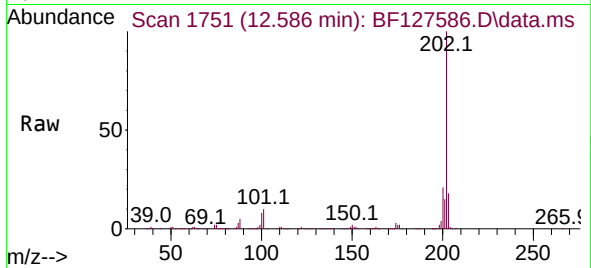




#75  
Fluoranthene  
Concen: 40.404 ng  
RT: 12.586 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

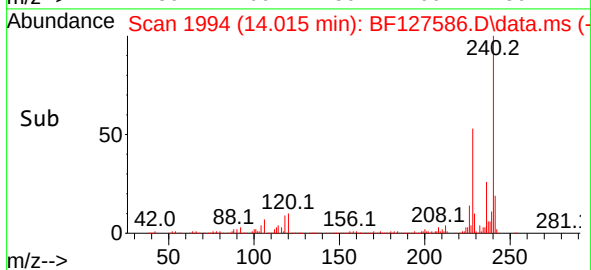
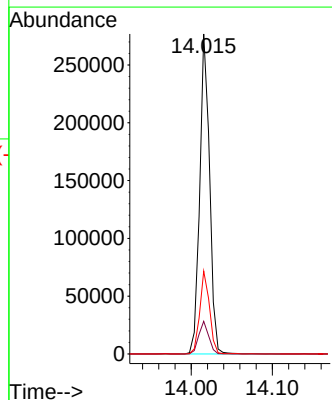
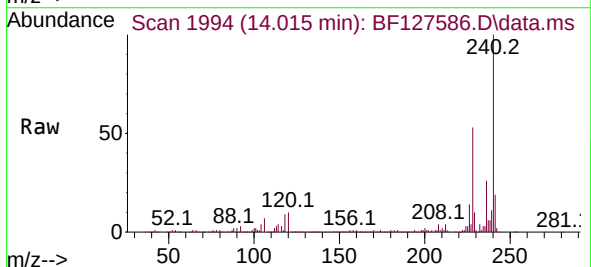
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

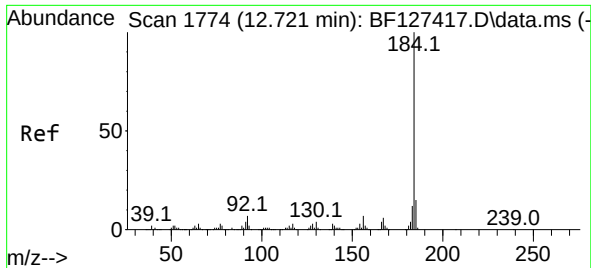
Tgt Ion:202 Resp: 858013  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 29.0  
203 18.0 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:240 Resp: 233591  
Ion Ratio Lower Upper  
240 100  
120 10.2 7.1 10.7  
236 25.9 20.7 31.1

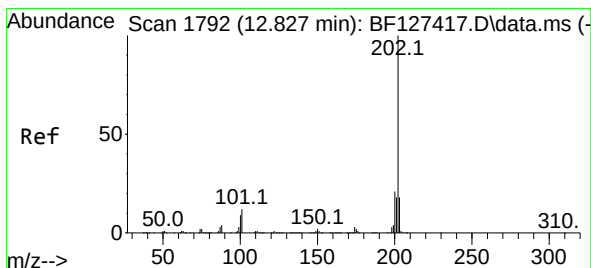
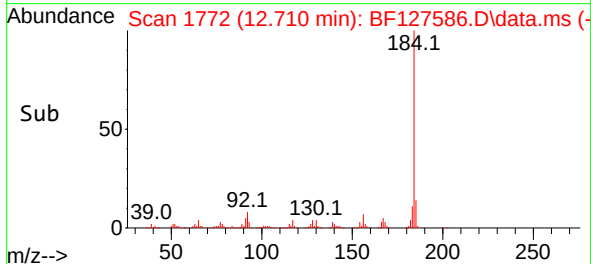
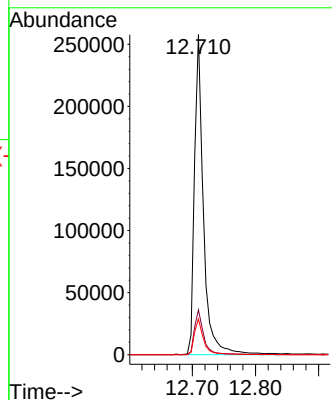
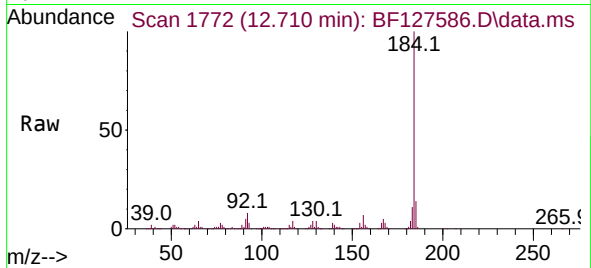




#77  
Benzidine  
Concen: 46.091 ng  
RT: 12.710 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

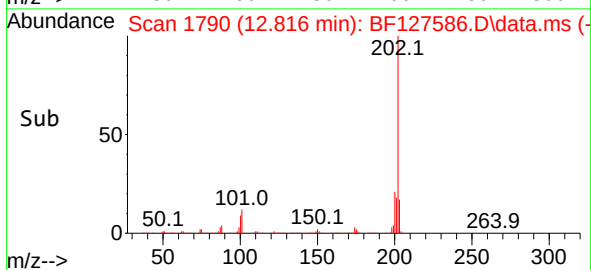
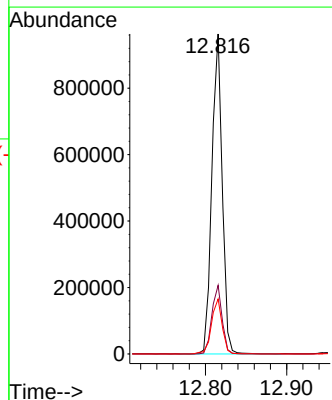
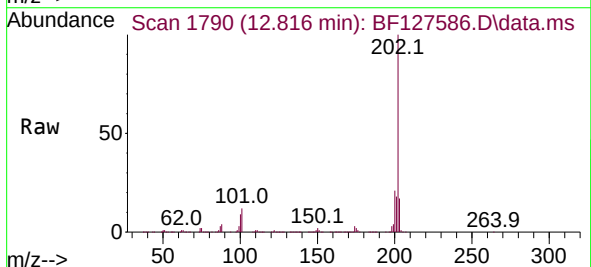
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

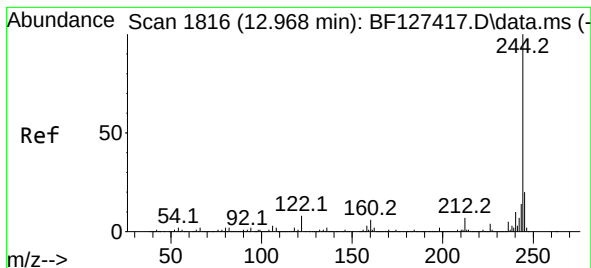
Tgt Ion:184 Resp: 256712  
Ion Ratio Lower Upper  
184 100  
185 14.0 12.2 18.2  
183 11.1 9.4 14.0



#78  
Pyrene  
Concen: 42.338 ng  
RT: 12.816 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:202 Resp: 848767  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.1 25.7  
203 17.2 14.3 21.5





#79

Terphenyl-d14

Concen: 80.039 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

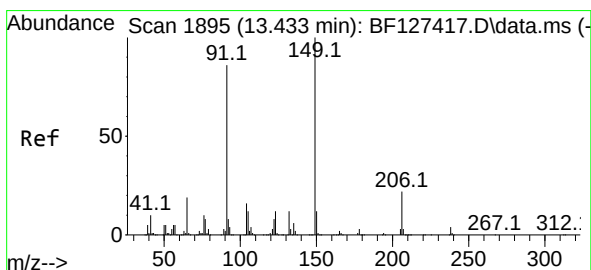
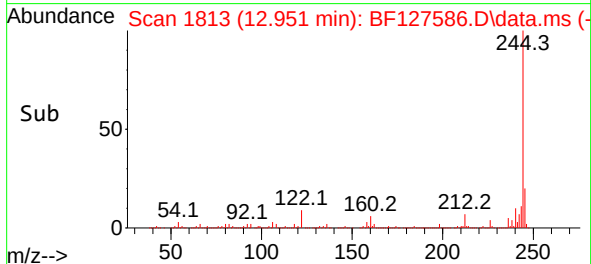
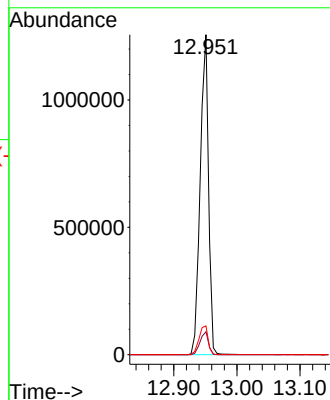
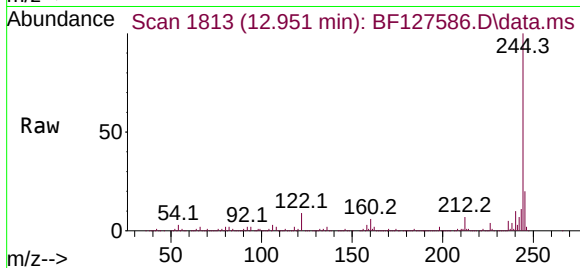
Tgt Ion:244 Resp: 1142095

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.0 6.2 9.2



#80

Butylbenzylphthalate

Concen: 46.920 ng

RT: 13.421 min Scan# 1893

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

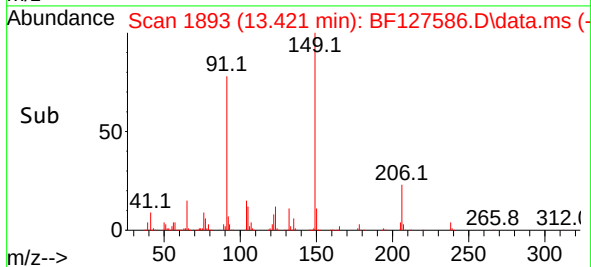
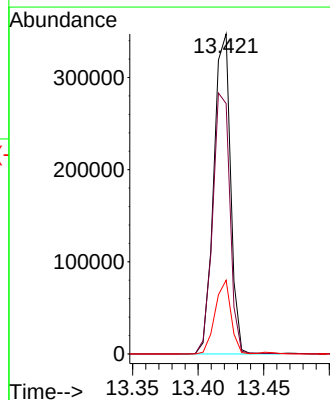
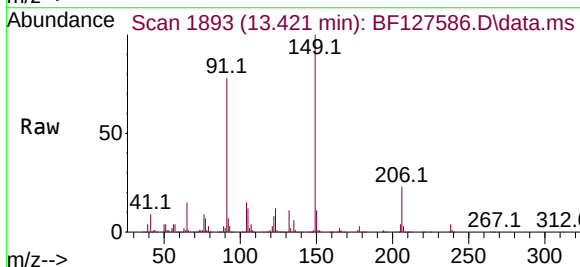
Tgt Ion:149 Resp: 309580

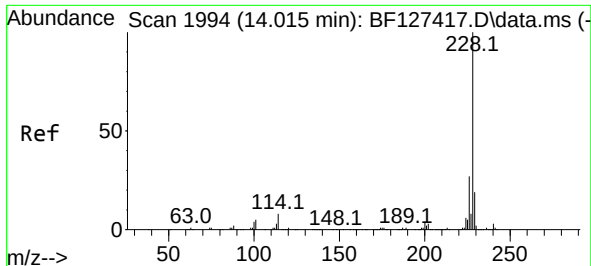
Ion Ratio Lower Upper

149 100

91 78.2 69.1 103.7

206 23.0 17.7 26.5

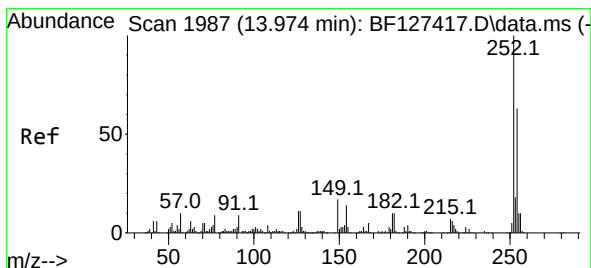
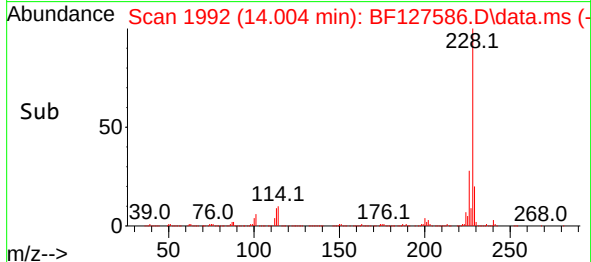
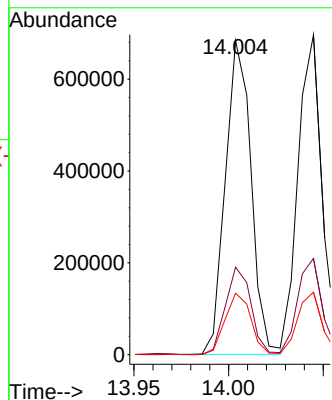
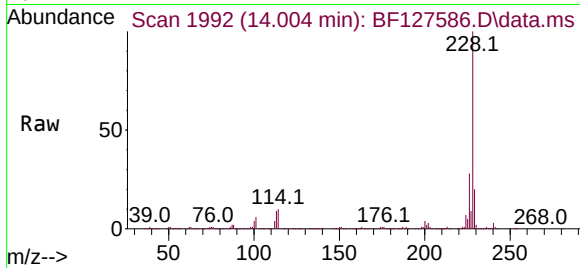




#81  
Benzo(a)anthracene  
Concen: 41.391 ng  
RT: 14.004 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

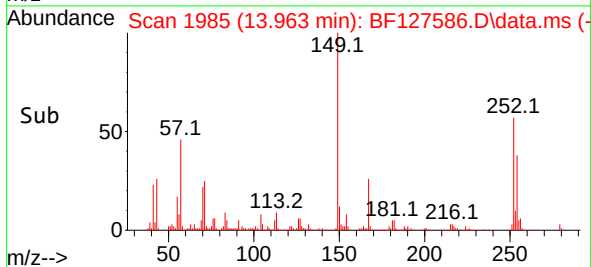
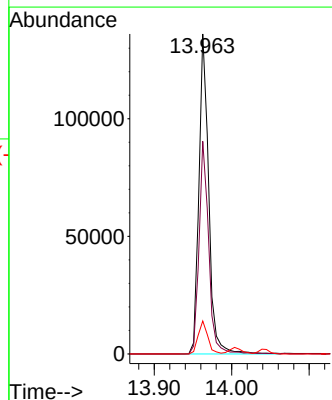
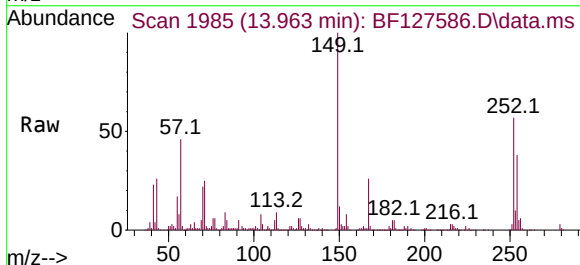
Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

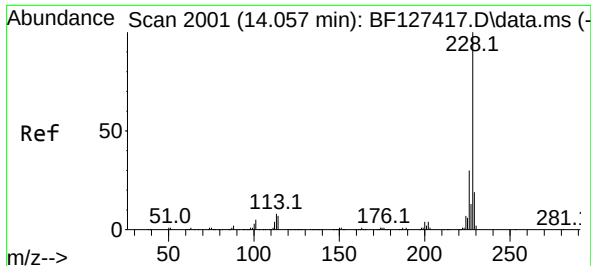
Tgt Ion:228 Resp: 646577  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.6 32.4  
229 19.6 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 25.976 ng  
RT: 13.963 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:252 Resp: 119261  
Ion Ratio Lower Upper  
252 100  
254 66.5 50.2 75.4  
126 10.3 8.7 13.1





#83

Chrysene

Concen: 41.518 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

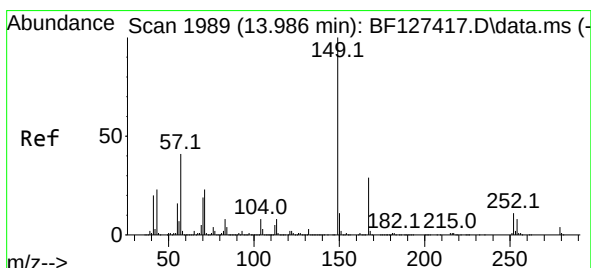
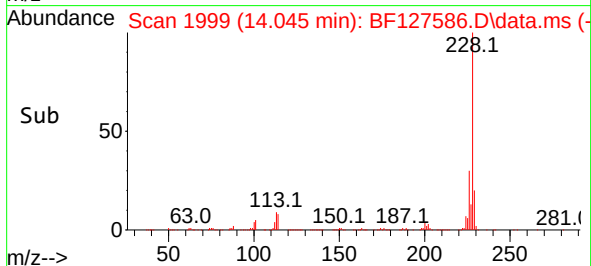
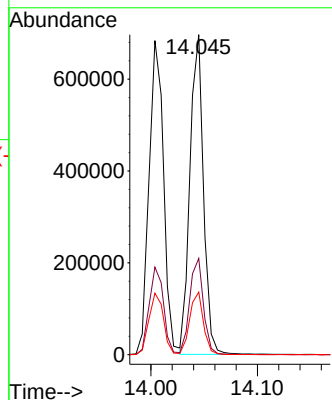
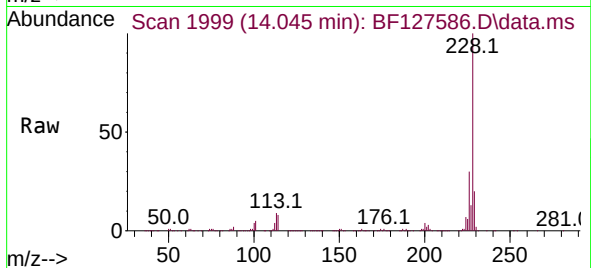
Tgt Ion:228 Resp: 614148

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.754 ng

RT: 13.968 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

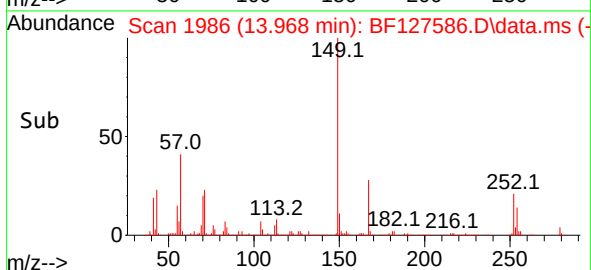
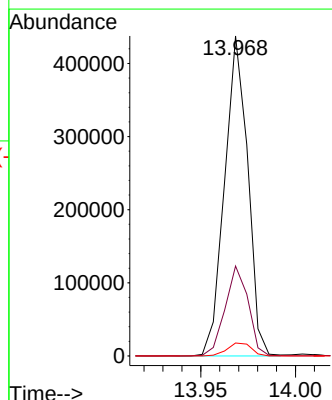
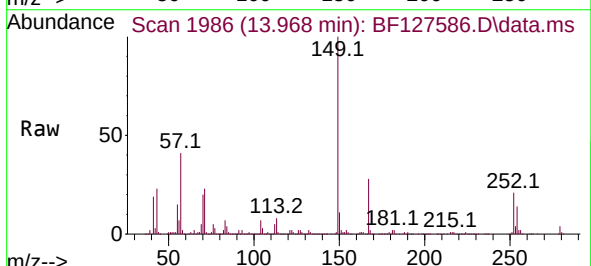
Tgt Ion:149 Resp: 371849

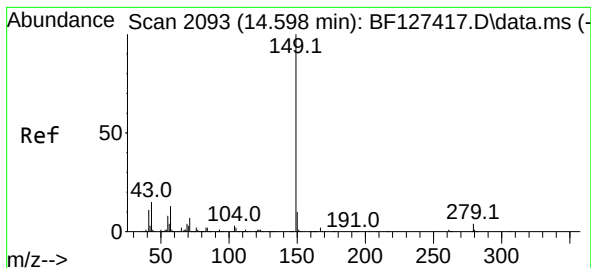
Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 56.060 ng

RT: 14.580 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

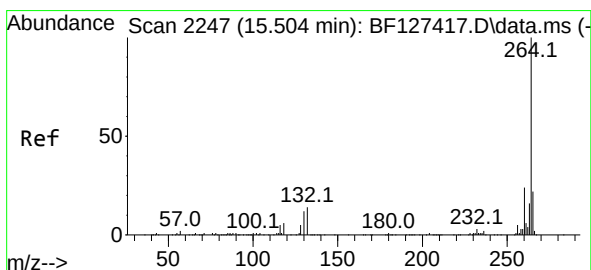
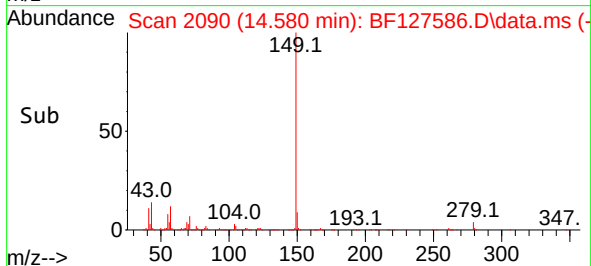
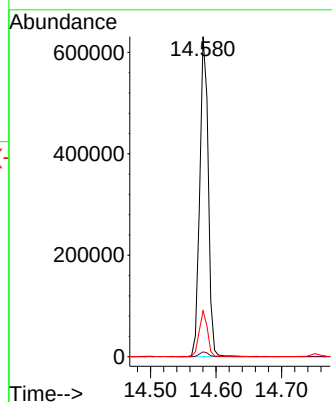
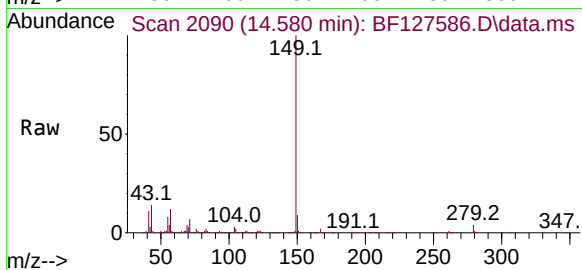
Tgt Ion:149 Resp: 568982

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.0 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

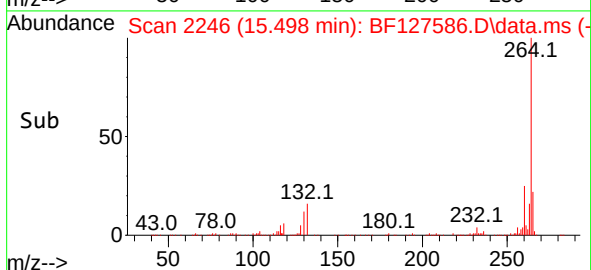
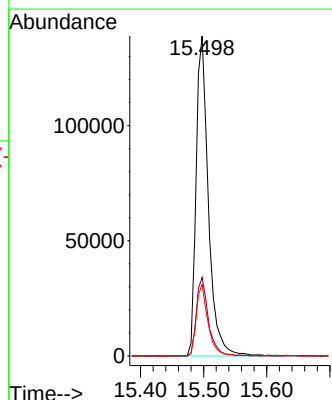
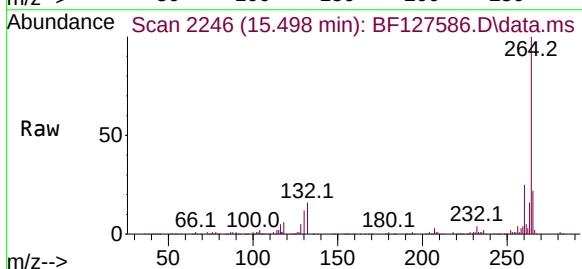
Tgt Ion:264 Resp: 187313

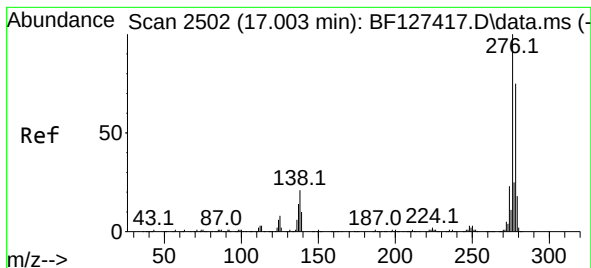
Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.969 ng

RT: 17.003 min Scan# 2172

Delta R.T. 0.012 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

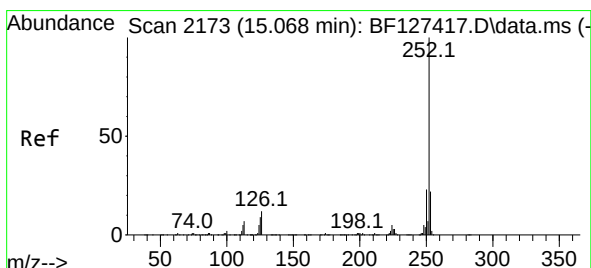
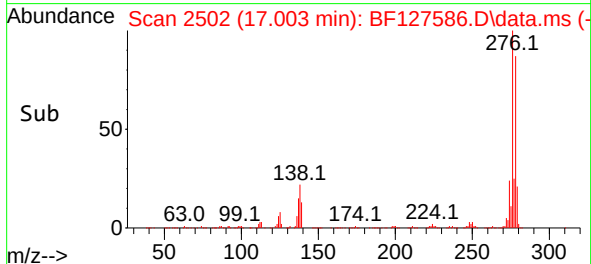
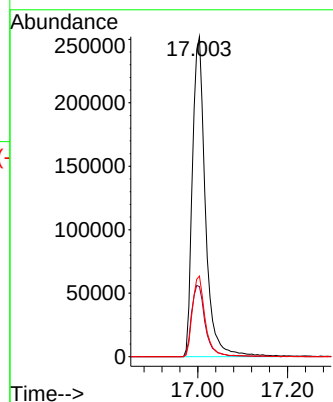
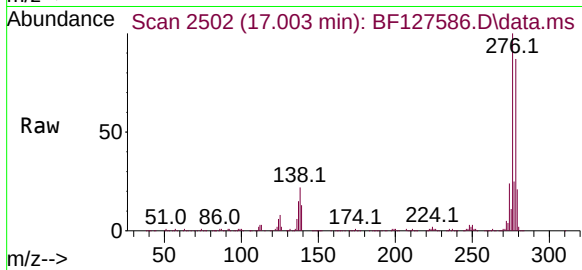
Tgt Ion:276 Resp: 506603

Ion Ratio Lower Upper

276 100

138 23.6 17.1 25.7

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 43.689 ng

RT: 15.062 min Scan# 2172

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

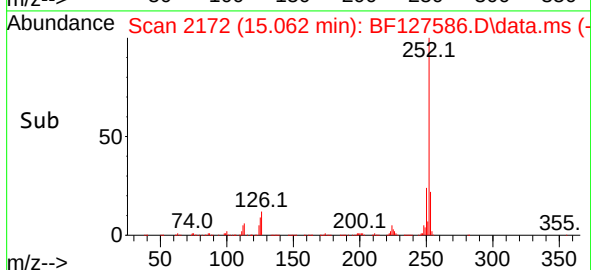
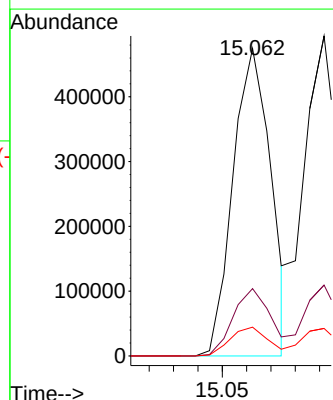
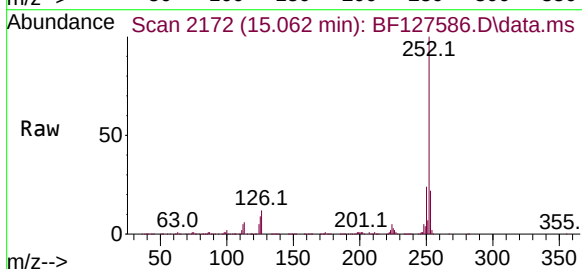
Tgt Ion:252 Resp: 515994

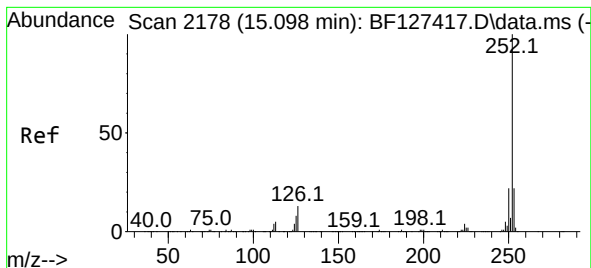
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 9.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 43.542 ng

RT: 15.092 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

Instrument :

BNA\_F

ClientSampleId :

PB143741BS

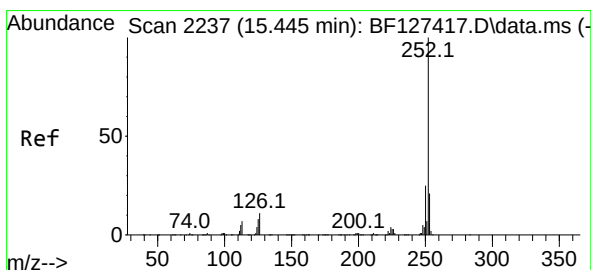
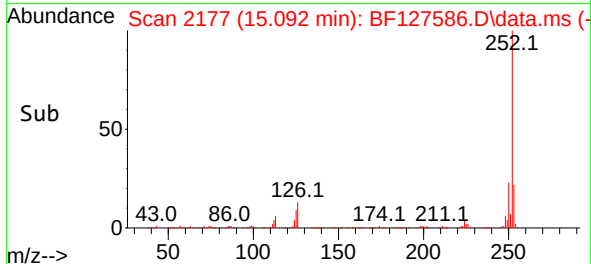
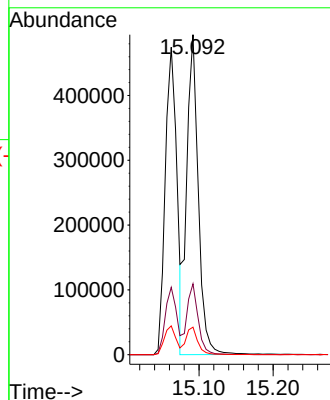
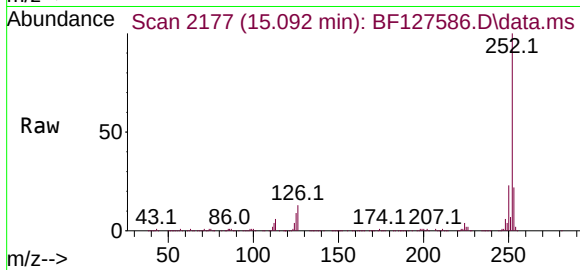
Tgt Ion:252 Resp: 533117

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 8.6 6.9 10.3



#90

Benzo(a)pyrene

Concen: 52.038 ng

RT: 15.433 min Scan# 2235

Delta R.T. 0.006 min

Lab File: BF127586.D

Acq: 30 Mar 2022 14:20

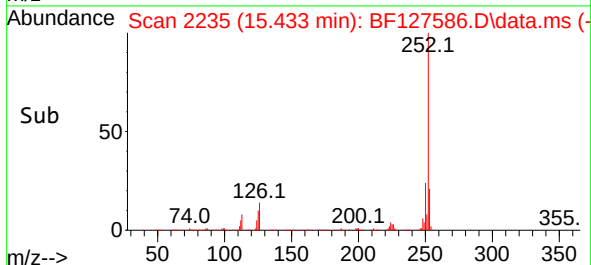
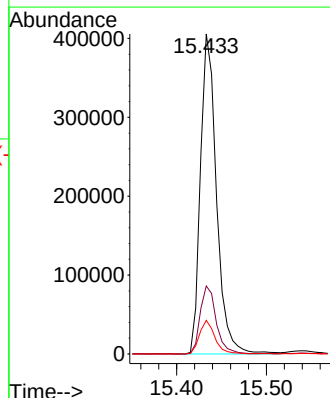
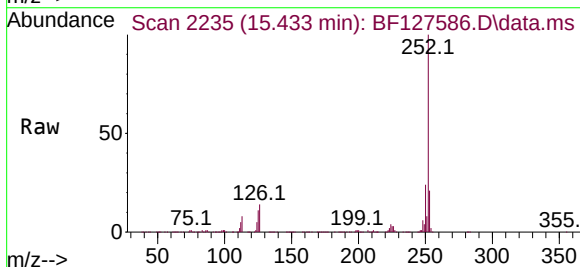
Tgt Ion:252 Resp: 504389

Ion Ratio Lower Upper

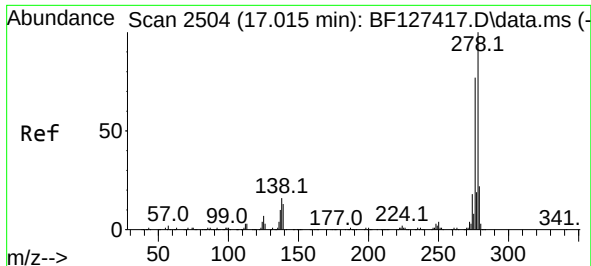
252 100

253 21.2 17.0 25.6

125 10.5 6.7 10.1#



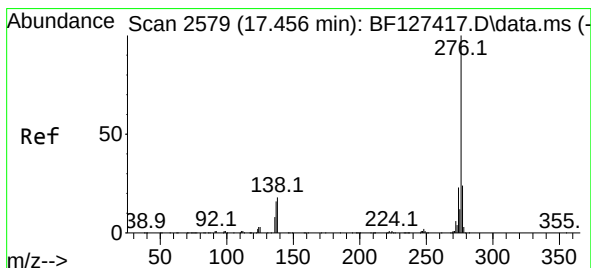
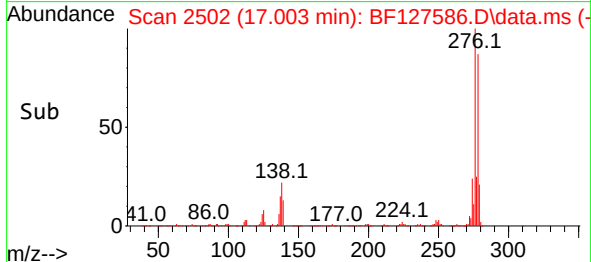
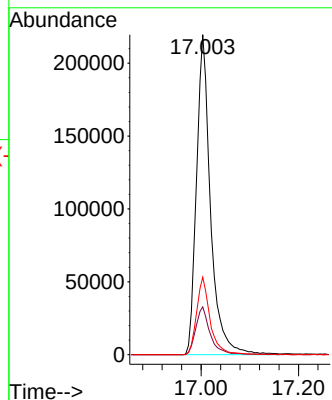
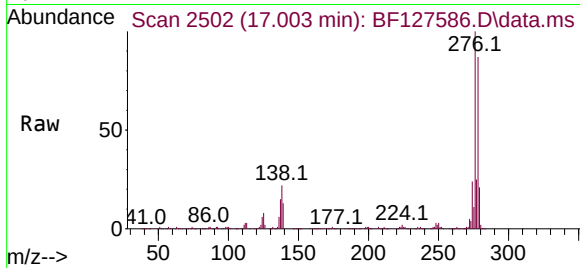




#91  
Dibenzo(a,h)anthracene  
Concen: 42.186 ng  
RT: 17.003 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB143741BS

Tgt Ion:278 Resp: 441453  
Ion Ratio Lower Upper  
278 100  
139 14.9 10.8 16.2  
279 24.2 17.7 26.5



#92  
Benzo(g,h,i)perylene  
Concen: 40.474 ng  
RT: 17.456 min Scan# 2579  
Delta R.T. 0.012 min  
Lab File: BF127586.D  
Acq: 30 Mar 2022 14:20

Tgt Ion:276 Resp: 437774  
Ion Ratio Lower Upper  
276 100  
277 23.1 19.0 28.4  
138 19.9 14.6 22.0

