

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031822\  
 Data File : BF127394.D  
 Acq On : 18 Mar 2022 16:21  
 Operator : CG\JU  
 Sample : N1949-15MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CP-BH1-031422-4-6-DUPMSD

Quant Time: Mar 19 01:51:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 19 01:50:04 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 90515    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 349084   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.898  | 164  | 208861   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 388553   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.039 | 240  | 246295   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.527 | 264  | 234680   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 460614   | 81.806 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 643597   | 83.091 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 447170   | 52.902 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 181360   | 80.663 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 793674   | 53.724 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 931091   | 65.096 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 76546    | 26.219 | ng    | # 79     |
| 3) Pyridine                   | 3.434  | 79   | 244115   | 31.422 | ng    | # 74     |
| 4) n-Nitrosodimethylamine     | 3.404  | 42   | 158771   | 36.886 | ng    | # 66     |
| 6) Aniline                    | 6.522  | 93   | 311523   | 33.654 | ng    | # 90     |
| 8) 2-Chlorophenol             | 6.645  | 128  | 246595   | 42.335 | ng    | 93       |
| 9) Benzaldehyde               | 6.410  | 77   | 159846   | 38.915 | ng    | 90       |
| 10) Phenol                    | 6.510  | 94   | 350872   | 41.237 | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.593  | 93   | 260785   | 41.272 | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 259753   | 39.727 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 261727   | 39.901 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 249136   | 40.356 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 247454   | 42.623 | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128  | 45   | 471657   | 39.776 | ng    | 93       |
| 17) 2-Methylphenol            | 7.116  | 107  | 210843   | 42.578 | ng    | # 89     |
| 18) Hexachloroethane          | 7.363  | 117  | 99988    | 39.682 | ng    | # 82     |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 196491   | 40.651 | ng    | 91       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 245795   | 38.274 | ng    | # 82     |
| 22) Acetophenone              | 7.269  | 105  | 333686   | 34.913 | ng    | # 82     |
| 24) Nitrobenzene              | 7.445  | 77   | 303078   | 37.909 | ng    | 95       |
| 25) Isophorone                | 7.681  | 82   | 567254   | 41.735 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 128064   | 38.680 | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 215440   | 43.347 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 333650   | 38.742 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 220396   | 38.721 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.081  | 180  | 239389   | 36.891 | ng    | 97       |
| 31) Naphthalene               | 8.163  | 128  | 708622   | 38.054 | ng    | 99       |
| 32) Benzoic acid              | 7.945  | 122  | 116396   | 35.667 | ng    | 89       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 128939   | 17.864 | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 155942   | 36.038 | ng    | 95       |
| 35) Caprolactam               | 8.598  | 113  | 38621    | 22.713 | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 248625   | 40.301 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 468888   | 38.536 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 448784   | 38.366 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.022  | 216  | 243639   | 36.849 | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 9.004  | 237  | 209892   | 76.368 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 156306   | 37.456 | ng    | 98       |

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 CP-BH1-031422-4-6-DUPMSD

Quant Time: Mar 19 01:51:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 19 01:50:04 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 168369   | 38.016 | ng    | 92       |
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 596782   | 37.858 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.345  | 162  | 462105   | 37.659 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.451  | 65   | 186526   | 39.507 | ng    | 91       |
| 49) Acenaphthylene            | 9.763  | 152  | 755277   | 40.220 | ng    | 99       |
| 50) Dimethylphthalate         | 9.628  | 163  | 575869   | 38.478 | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 124752   | 41.208 | ng    | # 90     |
| 52) Acenaphthene              | 9.933  | 154  | 420885   | 37.600 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 85525    | 25.924 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 122706   | 73.858 | ng    | 90       |
| 55) Dibenzofuran              | 10.110 | 168  | 635681   | 36.555 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 154524   | 77.061 | ng    | # 71     |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 161257   | 40.485 | ng    | # 92     |
| 58) Fluorene                  | 10.451 | 166  | 513628   | 38.090 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 142309   | 38.665 | ng    | # 78     |
| 60) Diethylphthalate          | 10.322 | 149  | 538075   | 39.415 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 275360   | 37.681 | ng    | 91       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 116329   | 35.385 | ng    | # 81     |
| 63) Azobenzene                | 10.604 | 77   | 605265   | 38.570 | ng    | 89       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 89481    | 37.351 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 453133   | 37.550 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 175222   | 37.410 | ng    | 92       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 192645   | 37.740 | ng    | # 89     |
| 69) Atrazine                  | 11.092 | 200  | 178500   | 42.867 | ng    | 95       |
| 70) Pentachlorophenol         | 11.198 | 266  | 159878   | 77.573 | ng    | 99       |
| 71) Phenanthrene              | 11.422 | 178  | 765183   | 37.305 | ng    | 99       |
| 72) Anthracene                | 11.475 | 178  | 782741   | 38.534 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 696497   | 36.411 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.945 | 149  | 857297   | 38.317 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 843785   | 36.792 | ng    | 93       |
| 77) Benzidine                 | 12.733 | 184  | 202256   | 32.292 | ng    | 96       |
| 78) Pyrene                    | 12.839 | 202  | 830930   | 43.314 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 296515   | 40.161 | ng    | # 89     |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 646039   | 38.956 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 125296   | 24.299 | ng    | # 95     |
| 83) Chrysene                  | 14.068 | 228  | 592287   | 38.399 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 390679   | 39.309 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.616 | 149  | 630602   | 41.921 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 638028   | 45.130 | ng    | # 85     |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 607644   | 39.446 | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 548601   | 37.876 | ng    | # 93     |
| 90) Benzo(a)pyrene            | 15.463 | 252  | 575090   | 47.409 | ng    | # 93     |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 563878   | 47.922 | ng    | # 89     |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 567113   | 49.411 | ng    | # 85     |

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

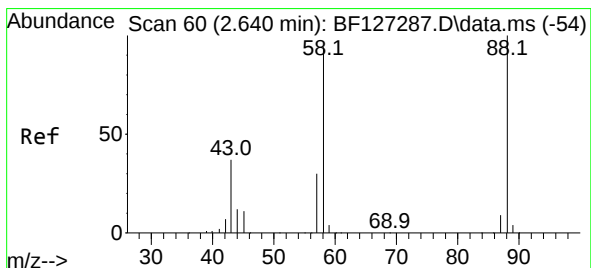
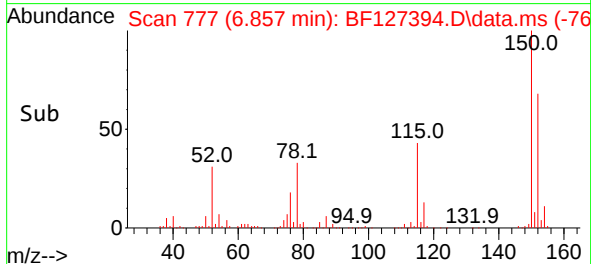
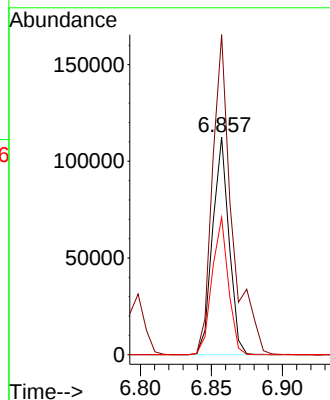
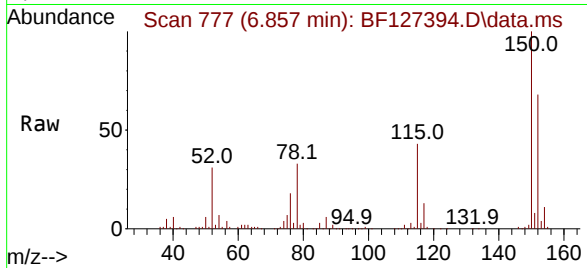




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF127394.D  
 Acq: 18 Mar 2022 16:21

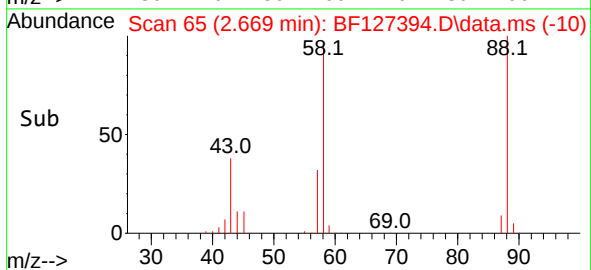
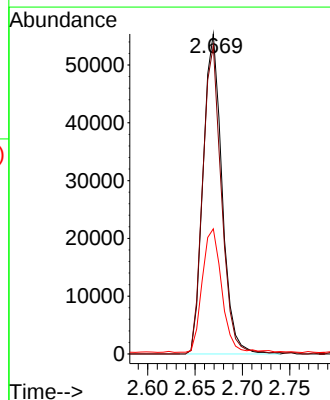
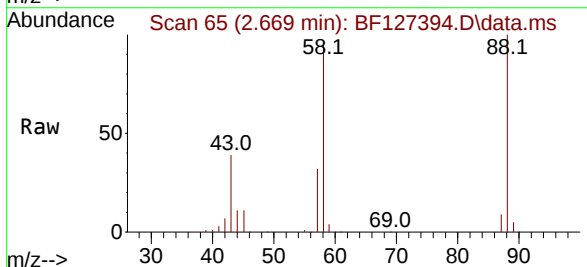
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CP-BH1-031422-4-6-DUPMSD

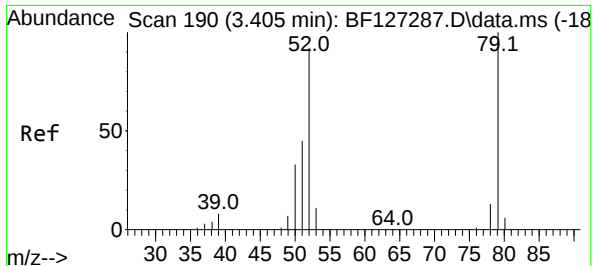
Tgt Ion:152 Resp: 90515  
 Ion Ratio Lower Upper  
 152 100  
 150 147.1 128.1 192.1  
 115 63.1 56.7 85.1



#2  
 1,4-Dioxane  
 Concen: 26.219 ng  
 RT: 2.669 min Scan# 65  
 Delta R.T. 0.024 min  
 Lab File: BF127394.D  
 Acq: 18 Mar 2022 16:21

Tgt Ion: 88 Resp: 76546  
 Ion Ratio Lower Upper  
 88 100  
 58 95.9 62.8 94.2#  
 43 40.2 22.3 33.5#





#3

Pyridine

Concen: 31.422 ng

RT: 3.434 min Scan# 190

Delta R.T. 0.029 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

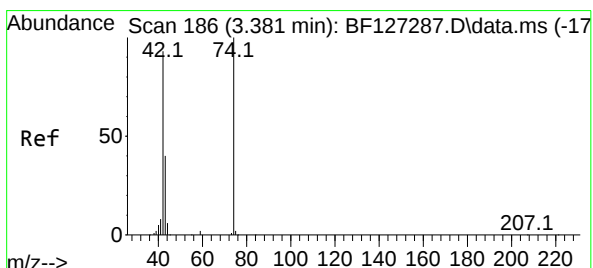
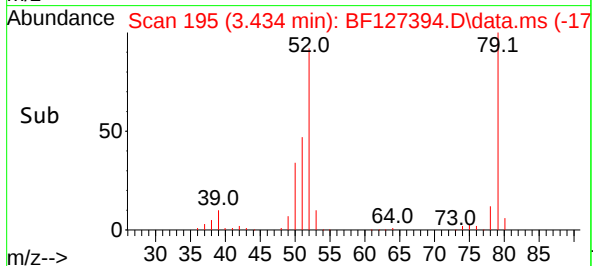
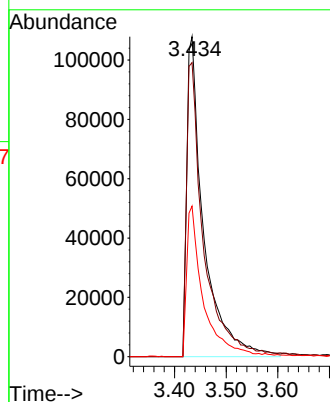
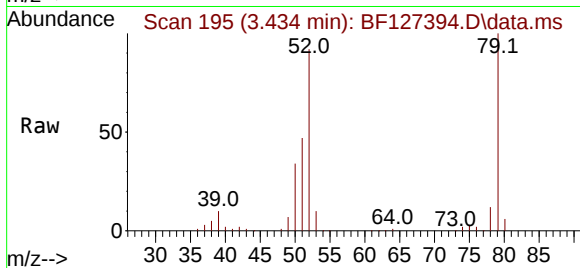
Tgt Ion: 79 Resp: 244115

Ion Ratio Lower Upper

79 100

52 91.9 56.2 84.4#

51 47.0 26.7 40.1#



#4

n-Nitrosodimethylamine

Concen: 36.886 ng

RT: 3.404 min Scan# 190

Delta R.T. 0.012 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

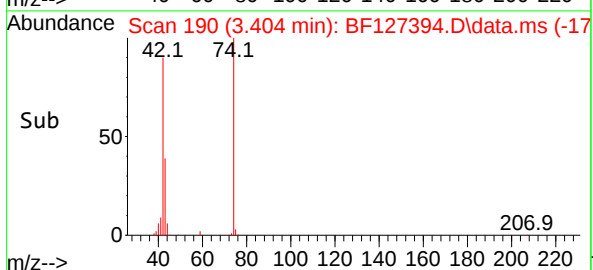
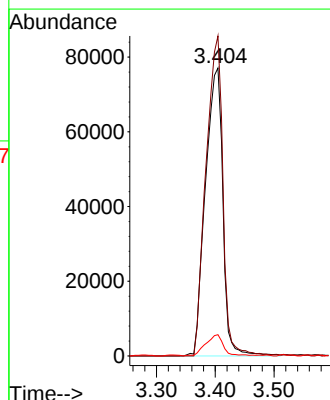
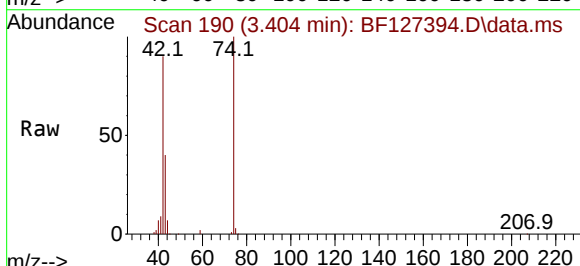
Tgt Ion: 42 Resp: 158771

Ion Ratio Lower Upper

42 100

74 111.1 125.6 188.4#

44 7.4 5.7 8.5

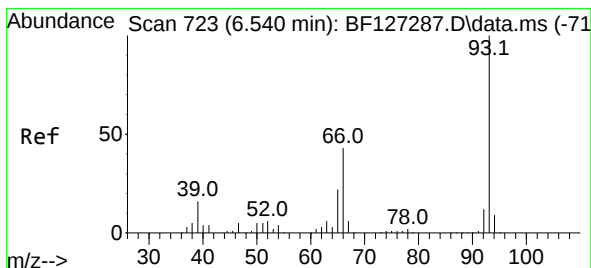
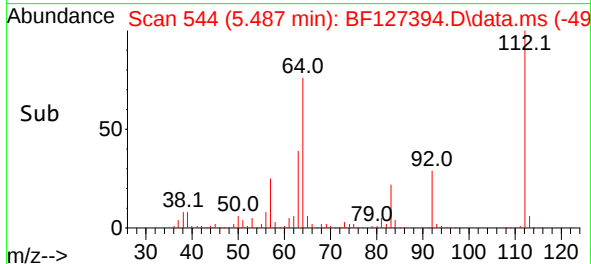
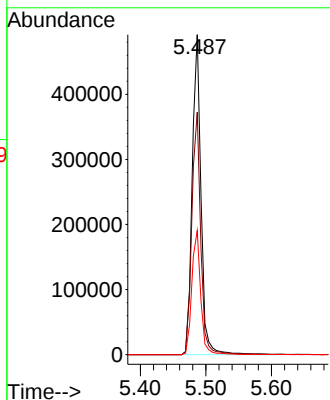
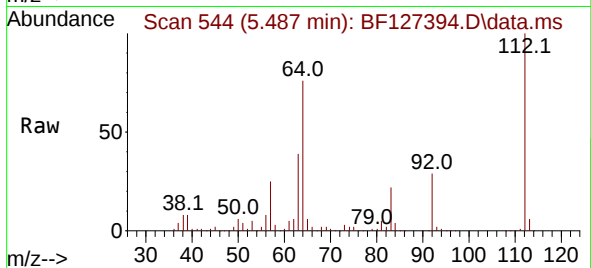




#5  
2-Fluorophenol  
Concen: 81.806 ng  
RT: 5.487 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

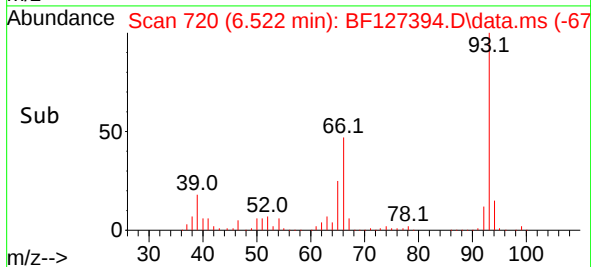
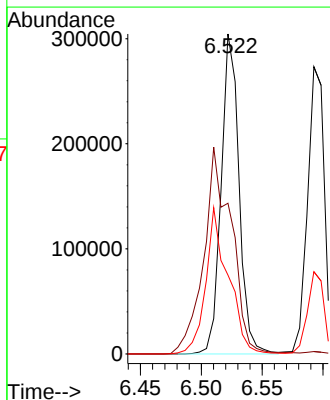
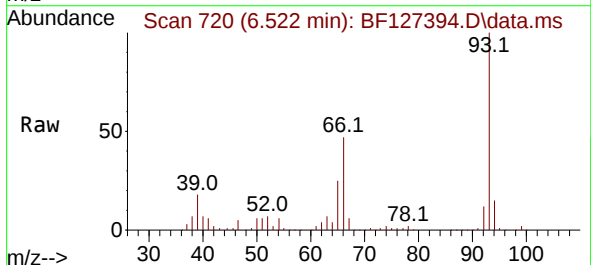
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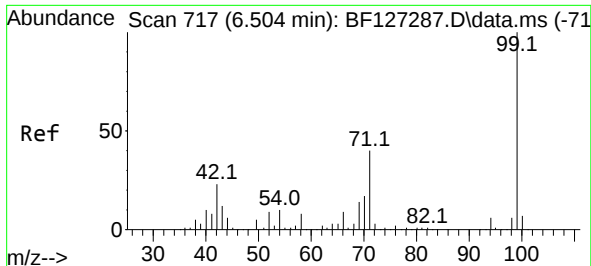
Tgt Ion:112 Resp: 460614  
Ion Ratio Lower Upper  
112 100  
64 75.8 49.5 74.3#  
63 38.8 23.9 35.9#



#6  
Aniline  
Concen: 33.654 ng  
RT: 6.522 min Scan# 720  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion: 93 Resp: 311523  
Ion Ratio Lower Upper  
93 100  
66 47.1 32.2 48.4  
65 24.7 16.3 24.5#

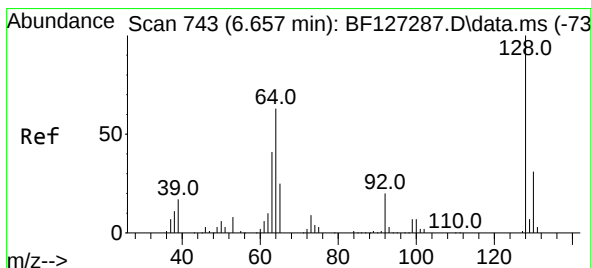
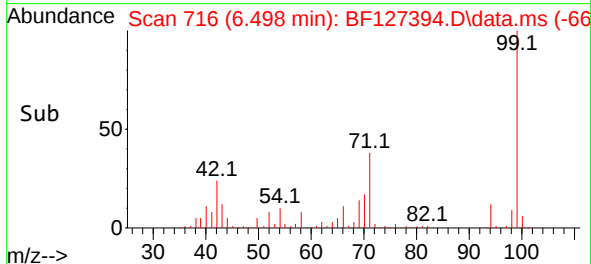
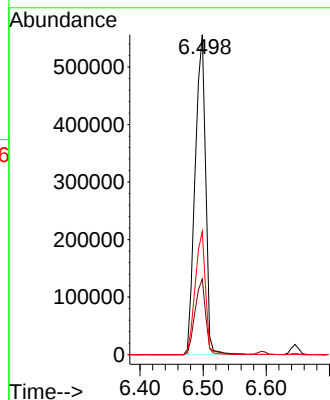
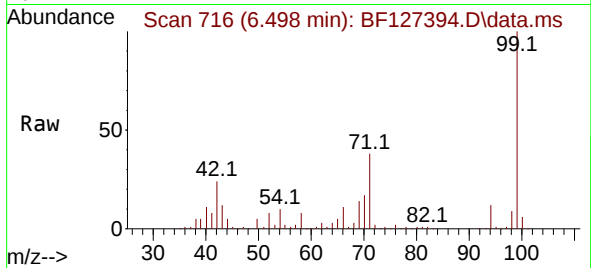




#7  
Phenol-d6  
Concen: 83.091 ng  
RT: 6.498 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

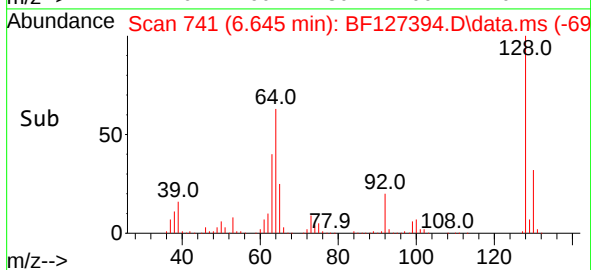
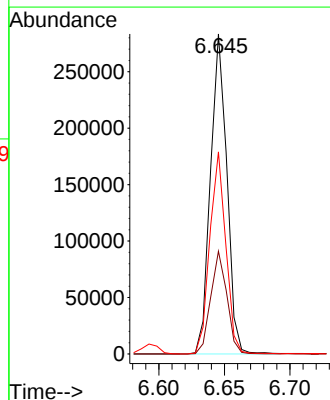
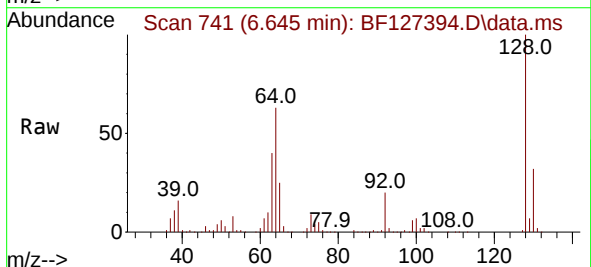
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

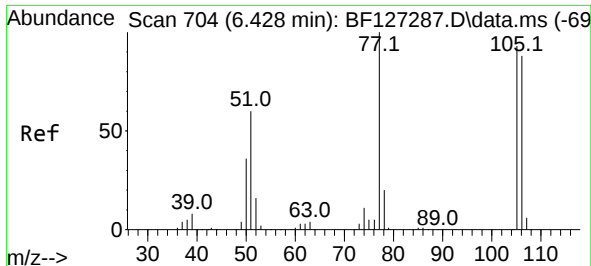
Tgt Ion: 99 Resp: 643597  
Ion Ratio Lower Upper  
99 100  
42 23.7 14.2 21.4#  
71 38.5 24.3 36.5#



#8  
2-Chlorophenol  
Concen: 42.335 ng  
RT: 6.645 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion: 128 Resp: 246595  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.7 52.7  
64 63.2 35.6 75.6

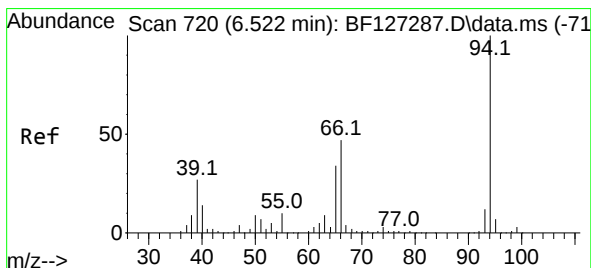
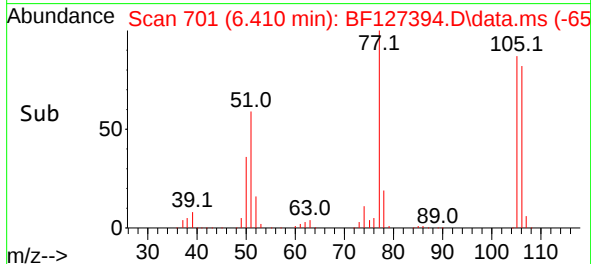
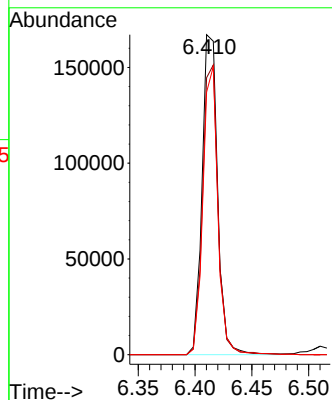
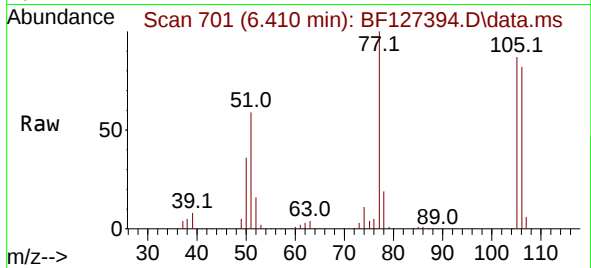




#9  
Benzaldehyde  
Concen: 38.915 ng  
RT: 6.410 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

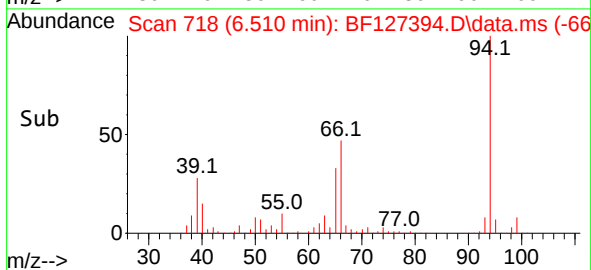
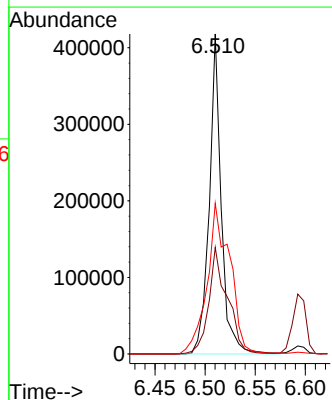
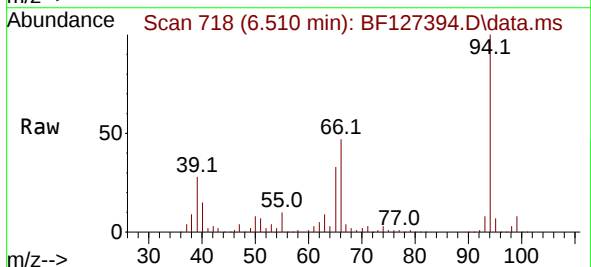
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

Tgt Ion: 77 Resp: 159846  
Ion Ratio Lower Upper  
77 100  
105 86.6 74.9 114.9  
106 82.1 72.4 112.4



#10  
Phenol  
Concen: 41.237 ng  
RT: 6.510 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion: 94 Resp: 350872  
Ion Ratio Lower Upper  
94 100  
65 33.3 7.2 47.2  
66 47.1 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 41.272 ng

RT: 6.593 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

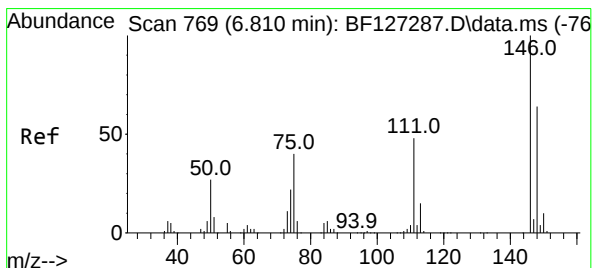
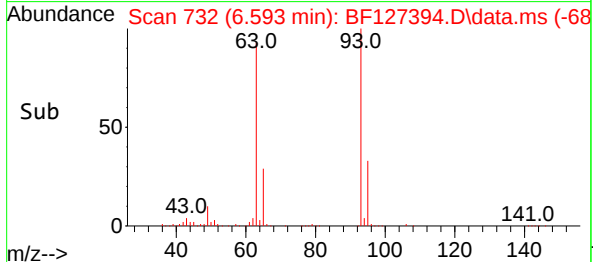
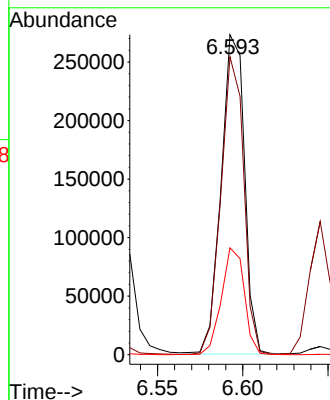
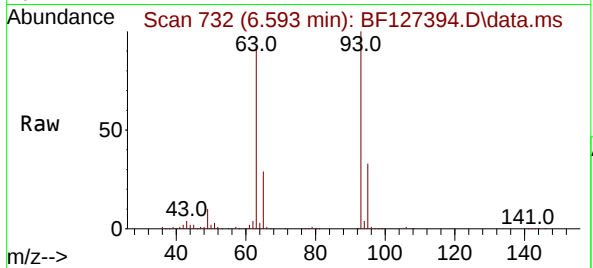
Tgt Ion: 93 Resp: 260785

Ion Ratio Lower Upper

93 100

63 93.1 60.5 100.5

95 33.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.727 ng

RT: 6.798 min Scan# 767

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

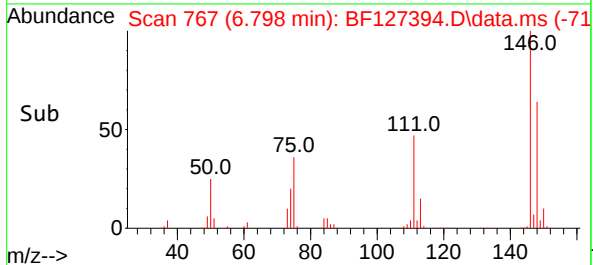
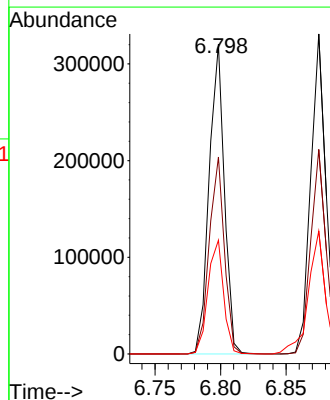
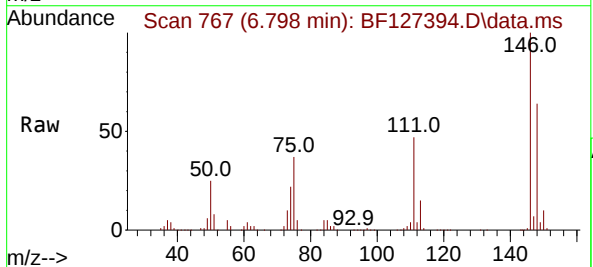
Tgt Ion: 146 Resp: 259753

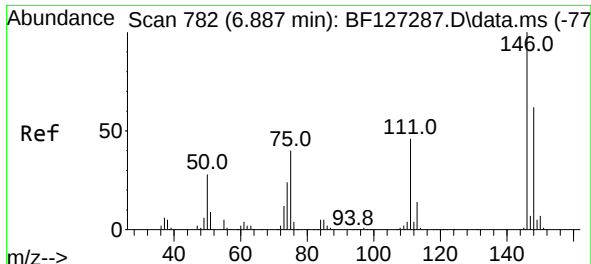
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 36.7 28.4 42.6

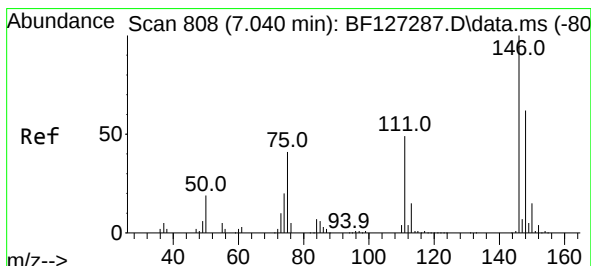
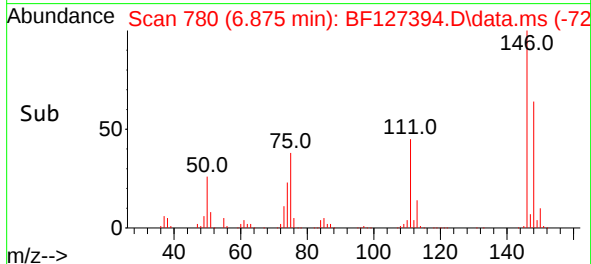
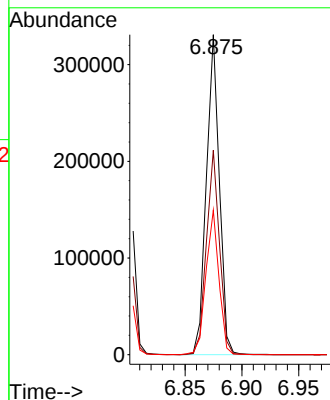
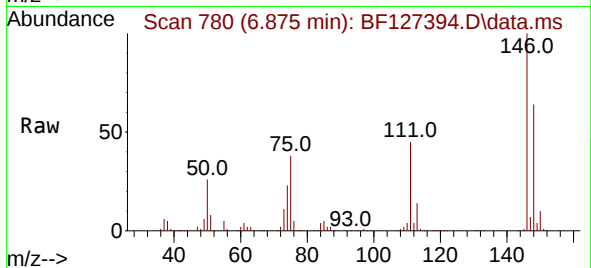




#13  
1,4-Dichlorobenzene  
Concen: 39.901 ng  
RT: 6.875 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

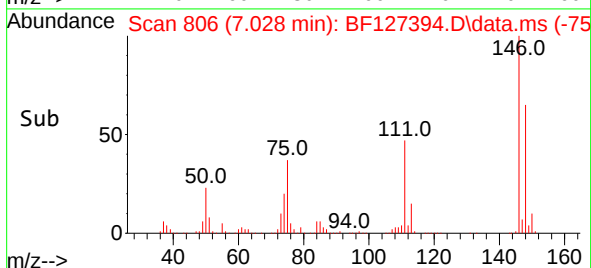
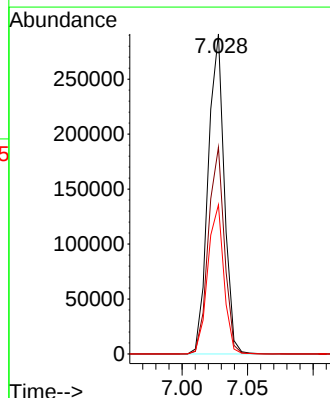
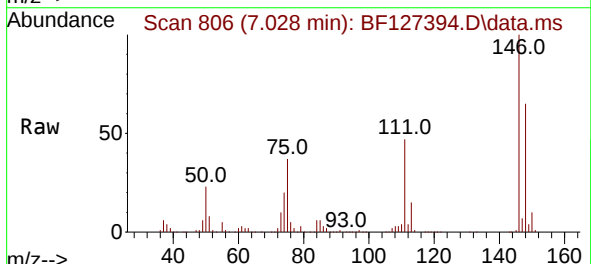
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:146 Resp: 261727  
Ion Ratio Lower Upper  
146 100  
148 63.9 49.8 74.6  
111 45.1 36.1 54.1



#14  
1,2-Dichlorobenzene  
Concen: 40.356 ng  
RT: 7.028 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:146 Resp: 249136  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.6 77.4  
111 46.6 40.2 60.2





#15

Benzyl Alcohol

Concen: 42.623 ng

RT: 7.004 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

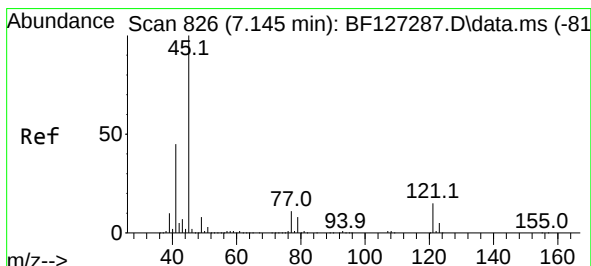
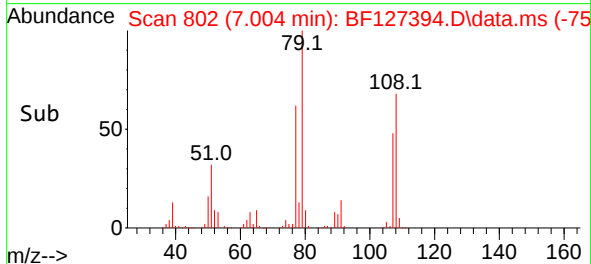
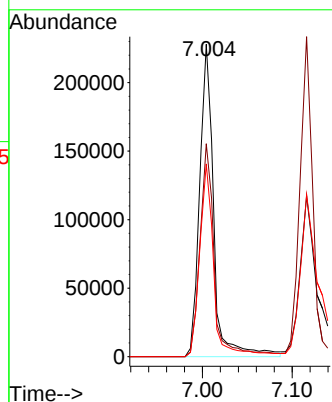
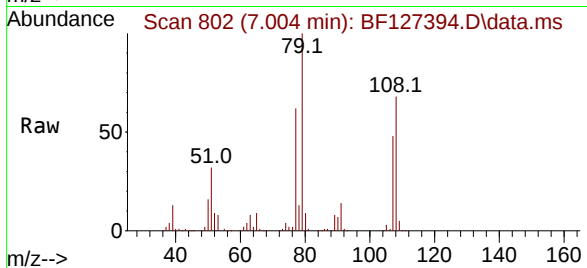
Tgt Ion: 79 Resp: 247454

Ion Ratio Lower Upper

79 100

108 68.2 63.2 94.8

77 61.7 49.4 74.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.776 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

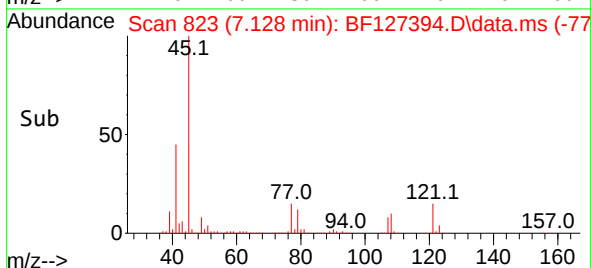
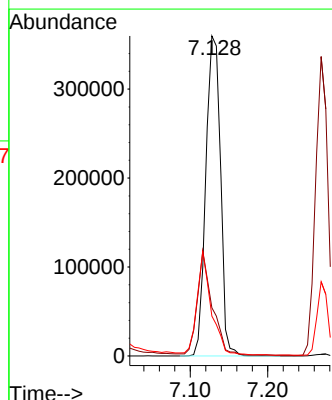
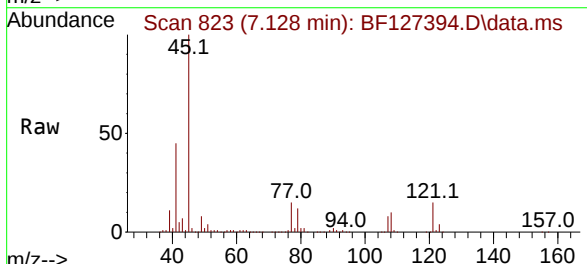
Tgt Ion: 45 Resp: 471657

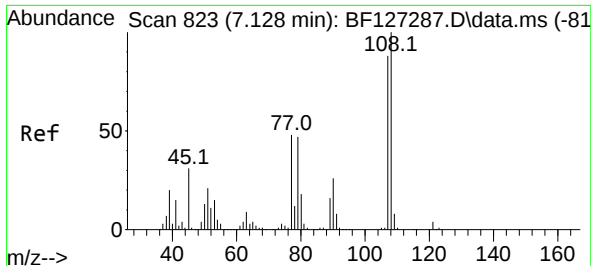
Ion Ratio Lower Upper

45 100

77 15.1 0.0 32.4

79 12.5 0.0 29.8

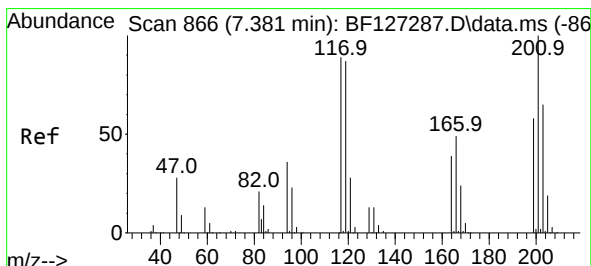
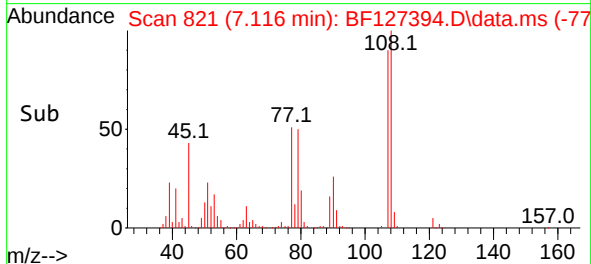
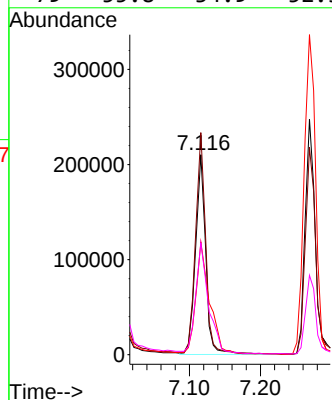
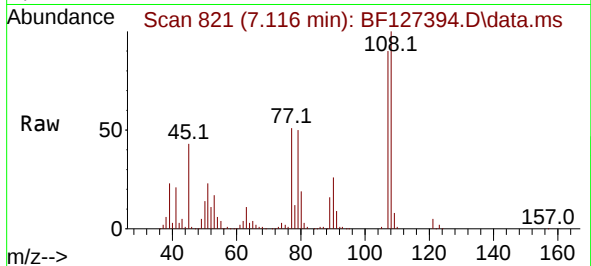




#17  
2-Methylphenol  
Concen: 42.578 ng  
RT: 7.116 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

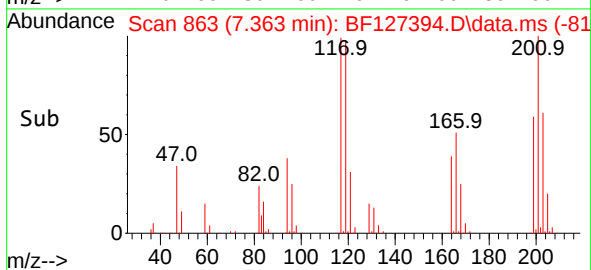
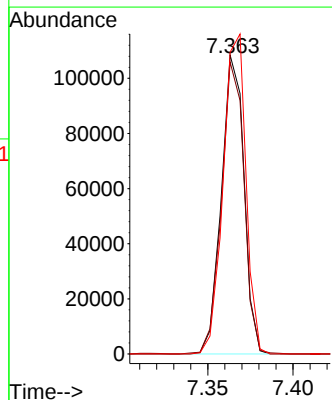
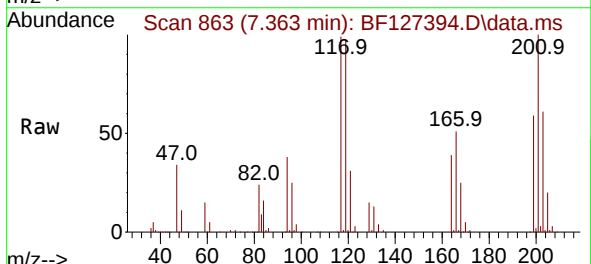
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

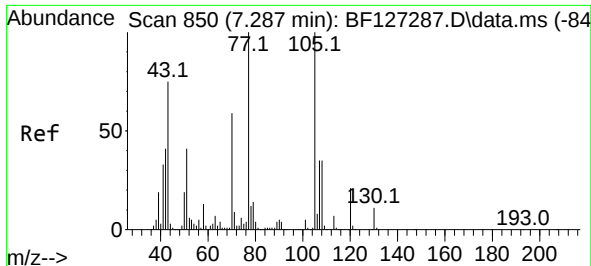
Tgt Ion:107 Resp: 210843  
Ion Ratio Lower Upper  
107 100  
108 111.0 93.4 140.0  
77 56.3 36.1 54.1#  
79 55.8 34.9 52.3#



#18  
Hexachloroethane  
Concen: 39.682 ng  
RT: 7.363 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:117 Resp: 99988  
Ion Ratio Lower Upper  
117 100  
119 97.6 75.4 113.0  
201 101.0 56.8 85.2#

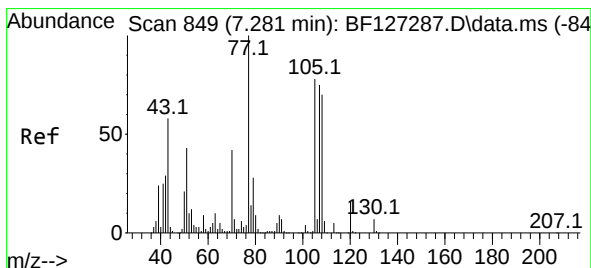
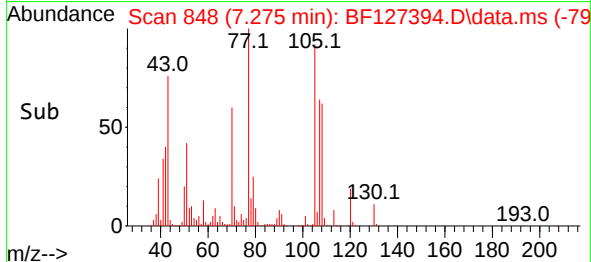
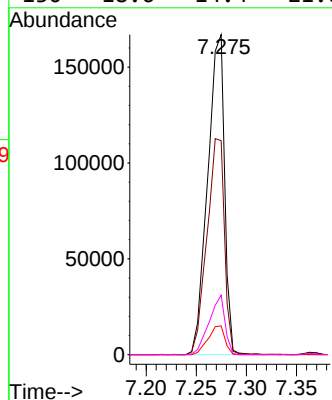
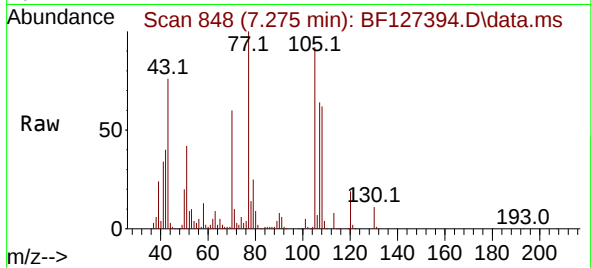




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.651 ng  
RT: 7.275 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

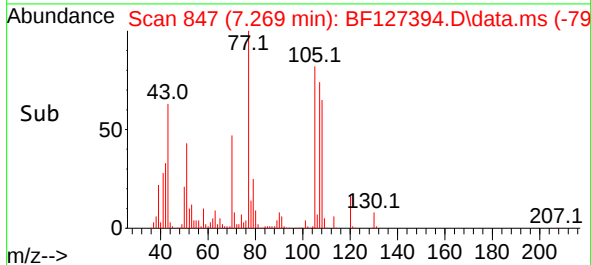
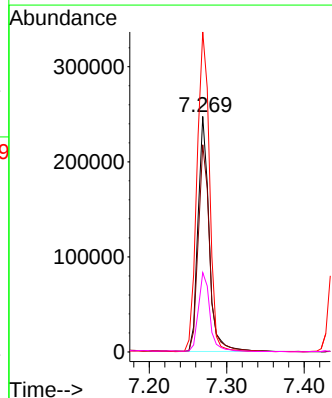
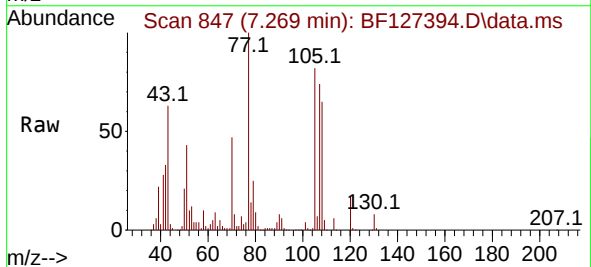
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

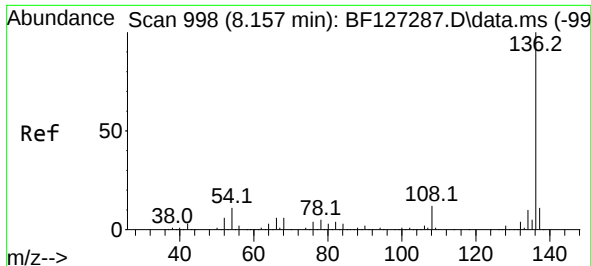
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 196491 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 66.9  | 45.8  | 68.8   |
| 101      | 9.0   | 6.9   | 10.3   |
| 130      | 18.6  | 14.4  | 21.6   |



#20  
3+4-Methylphenols  
Concen: 38.274 ng  
RT: 7.269 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 245795 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 72.4  | 112.4  |
| 77       | 135.9 | 83.8  | 123.8# |
| 79       | 33.7  | 8.5   | 48.5   |

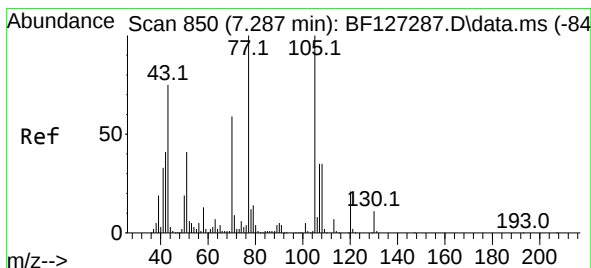
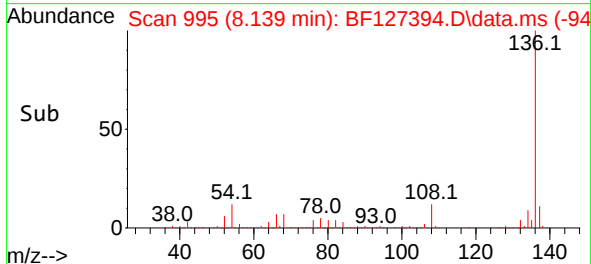
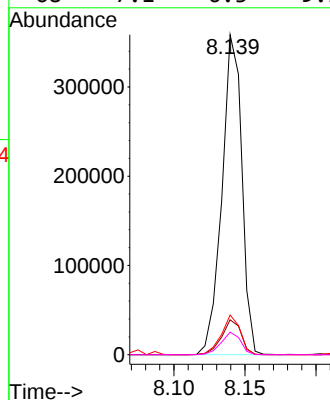
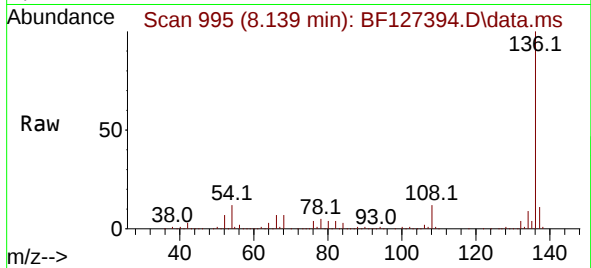




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

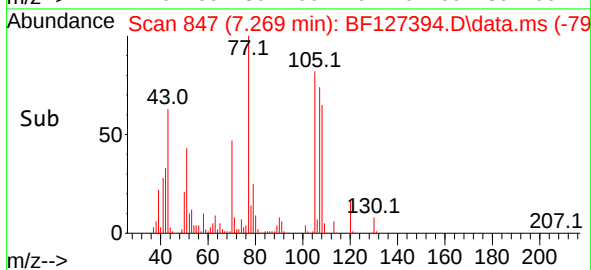
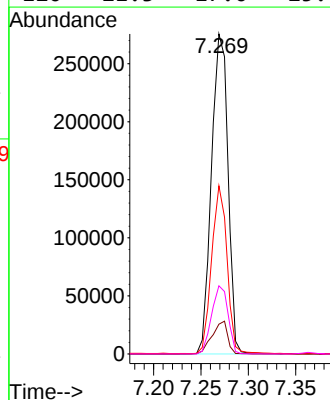
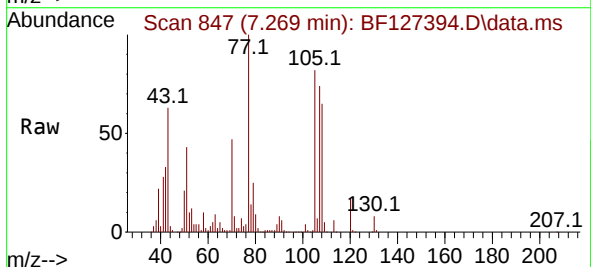
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

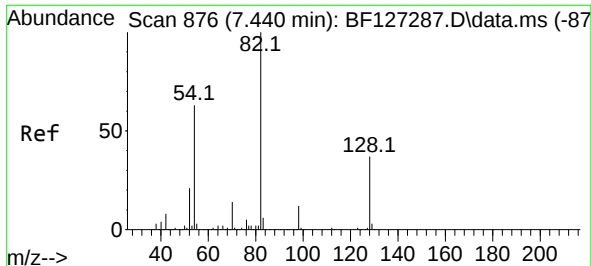
Tgt Ion:136 Resp: 349084  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 12.4 7.8 11.6#  
68 7.1 6.3 9.5



#22  
Acetophenone  
Concen: 34.913 ng  
RT: 7.269 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:105 Resp: 333686  
Ion Ratio Lower Upper  
105 100  
71 9.3 5.4 8.0#  
51 52.6 27.4 41.0#  
120 21.3 17.0 25.6

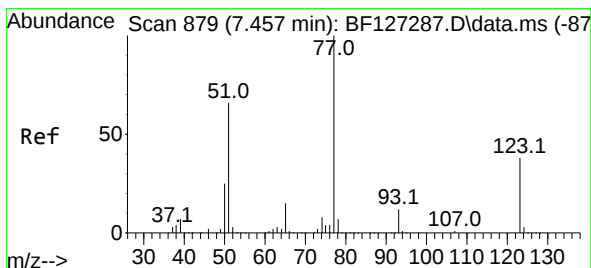
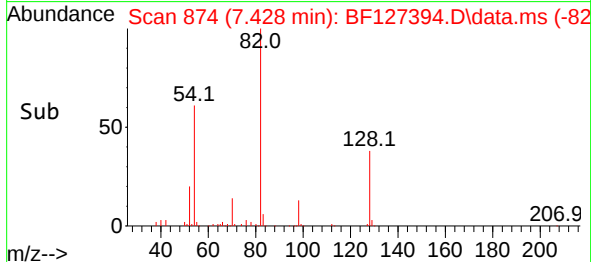
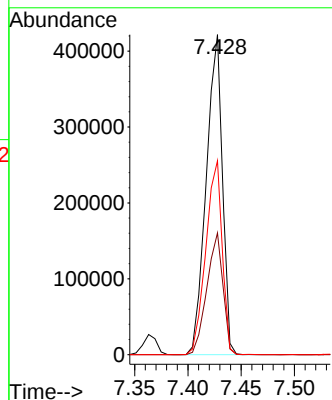
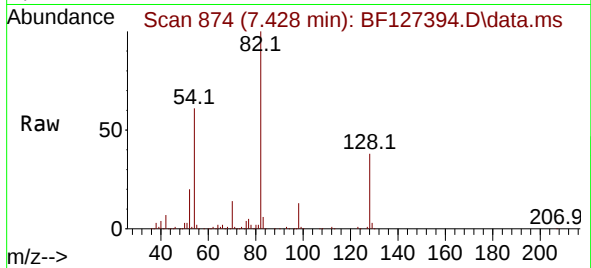




#23  
Nitrobenzene-d5  
Concen: 52.902 ng  
RT: 7.428 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

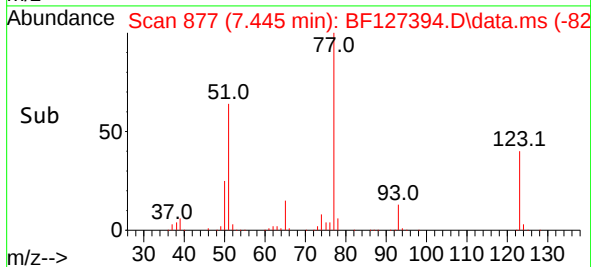
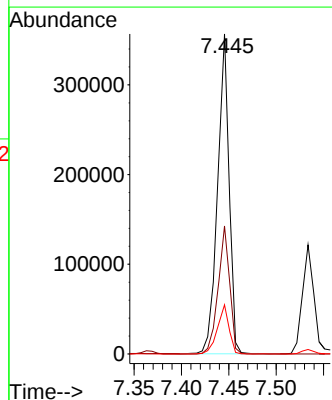
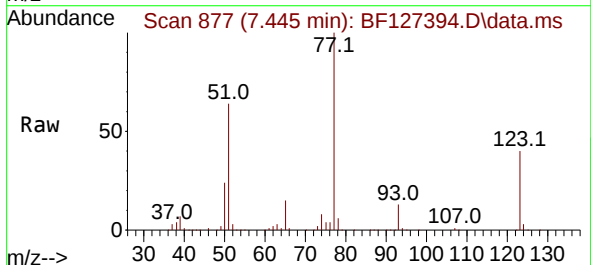
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

Tgt Ion: 82 Resp: 447170  
Ion Ratio Lower Upper  
82 100  
128 38.1 32.7 49.1  
54 60.6 41.7 62.5



#24  
Nitrobenzene  
Concen: 37.909 ng  
RT: 7.445 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion: 77 Resp: 303078  
Ion Ratio Lower Upper  
77 100  
123 40.0 34.6 52.0  
65 15.3 10.6 15.8

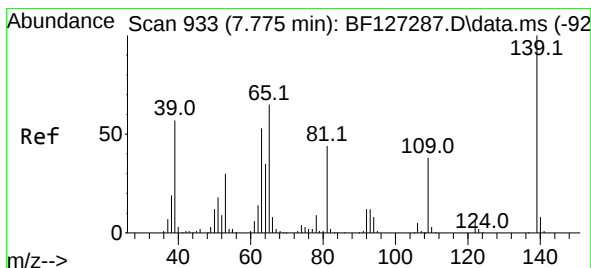
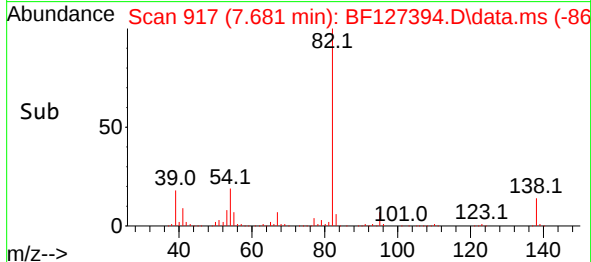
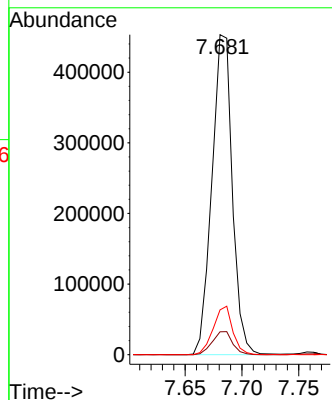
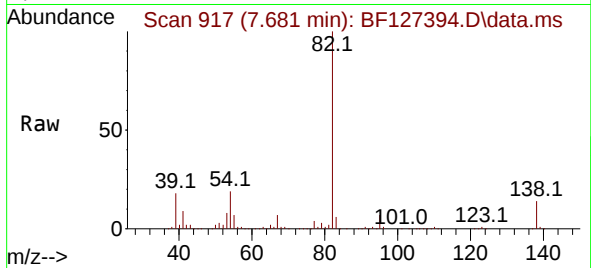




#25  
Isophorone  
Concen: 41.735 ng  
RT: 7.681 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

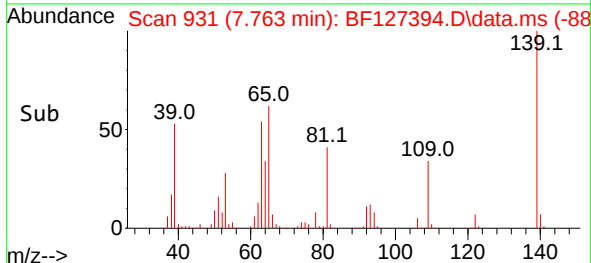
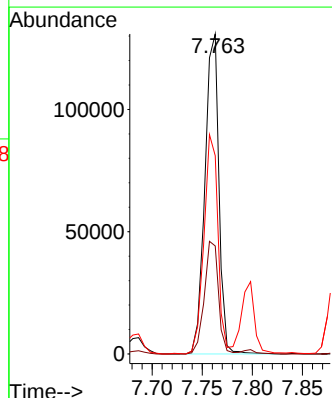
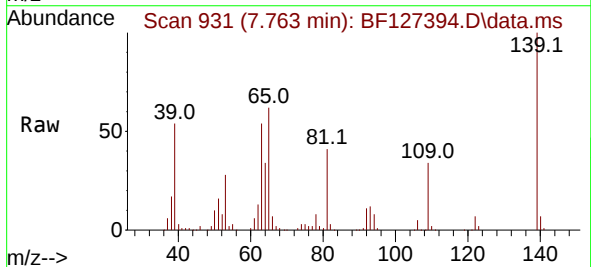
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

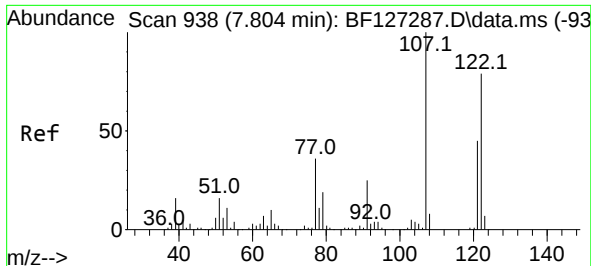
Tgt Ion: 82 Resp: 567254  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.0 7.4  
138 14.0 12.3 18.5



#26  
2-Nitrophenol  
Concen: 38.680 ng  
RT: 7.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion: 139 Resp: 128064  
Ion Ratio Lower Upper  
139 100  
109 33.8 20.0 30.0#  
65 62.0 40.8 61.2#

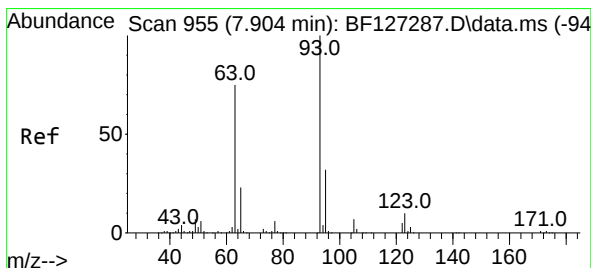
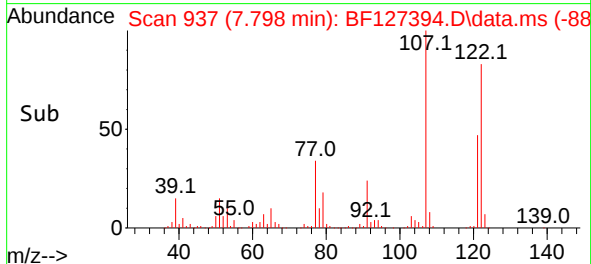
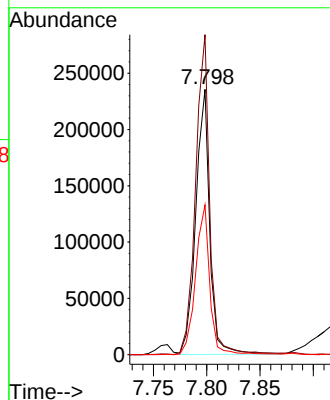
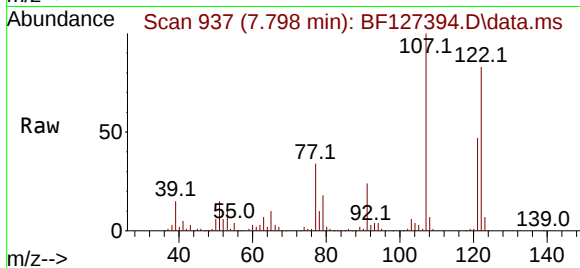




#27  
2,4-Dimethylphenol  
Concen: 43.347 ng  
RT: 7.798 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

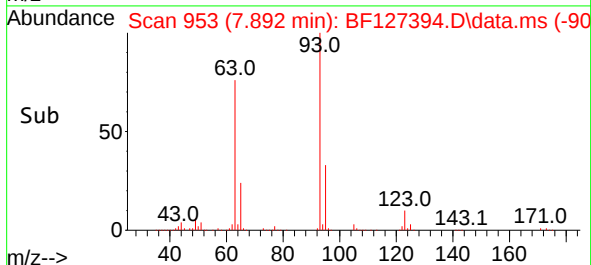
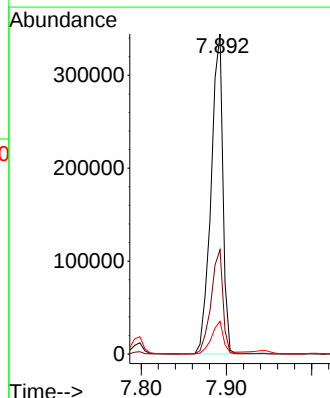
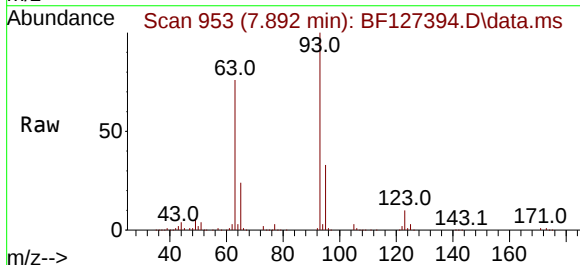
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

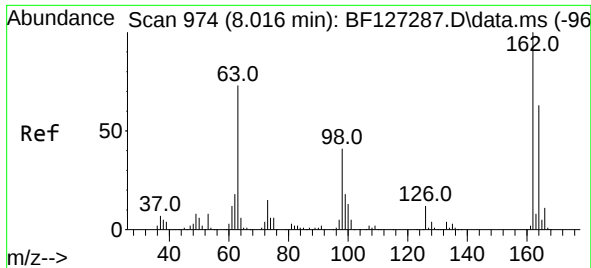
Tgt Ion:122 Resp: 215440  
Ion Ratio Lower Upper  
122 100  
107 120.6 91.2 136.8  
121 56.5 44.4 66.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.742 ng  
RT: 7.892 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion: 93 Resp: 333650  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.4 38.2  
123 10.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 38.721 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

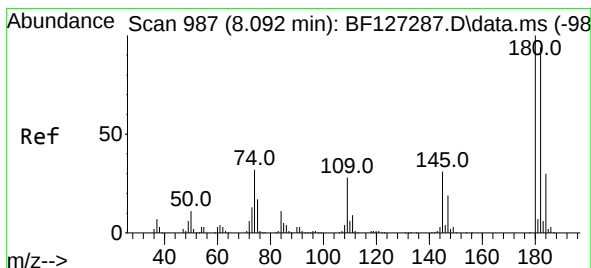
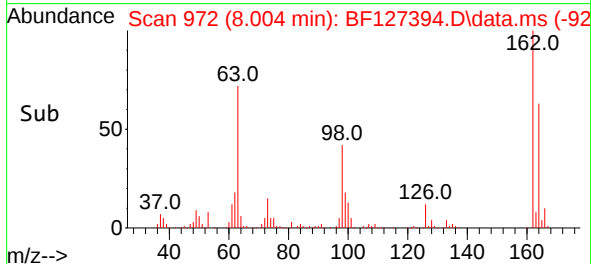
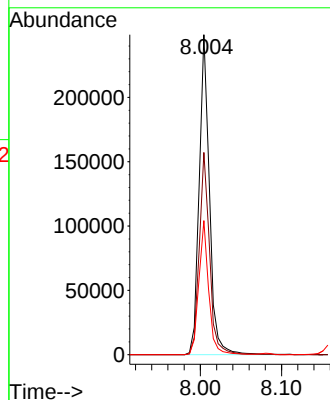
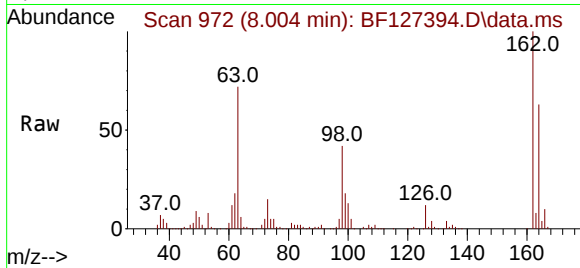
Tgt Ion:162 Resp: 220396

Ion Ratio Lower Upper

162 100

164 63.2 43.8 83.8

98 41.9 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 36.891 ng

RT: 8.081 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

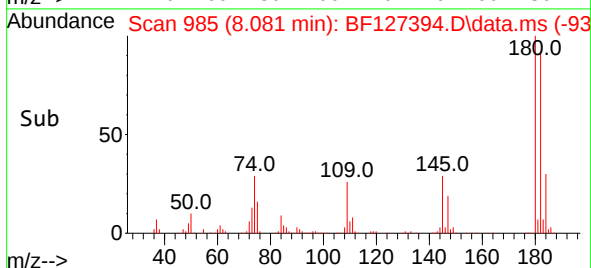
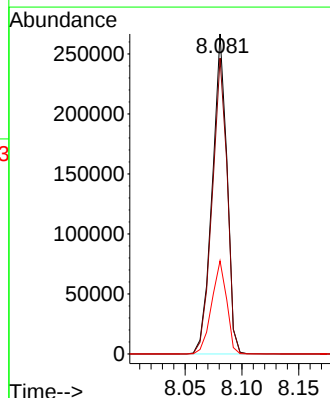
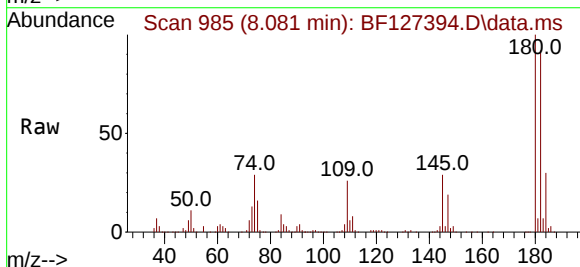
Tgt Ion:180 Resp: 239389

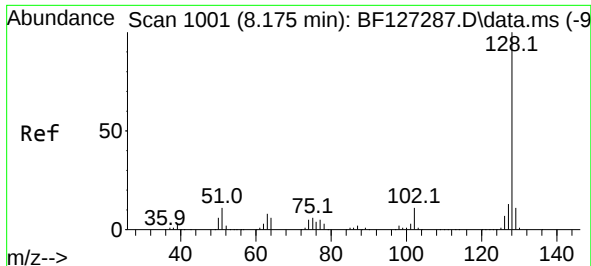
Ion Ratio Lower Upper

180 100

182 92.4 75.5 113.3

145 29.1 26.2 39.2

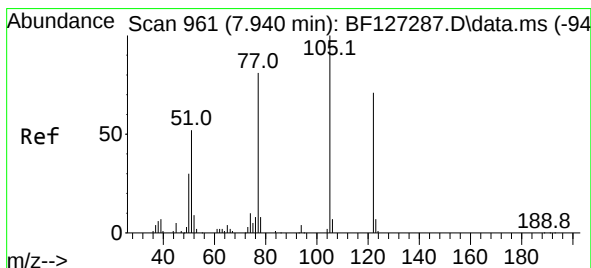
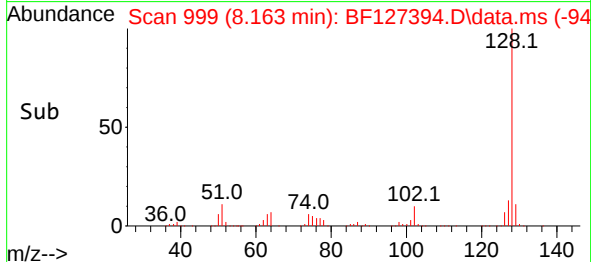
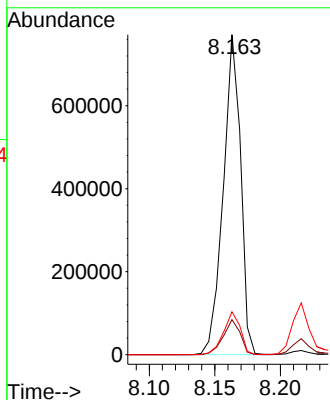
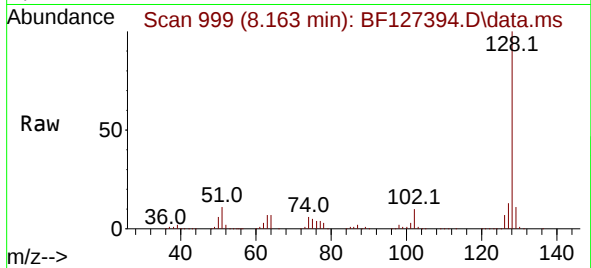




#31  
Naphthalene  
Concen: 38.054 ng  
RT: 8.163 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

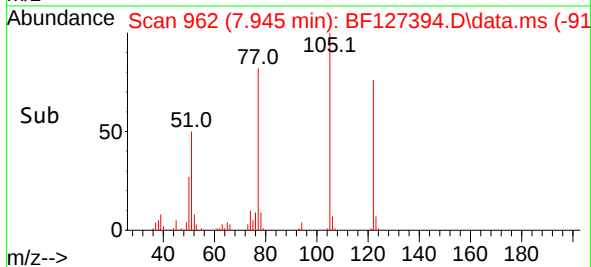
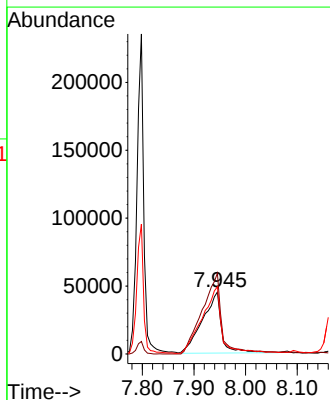
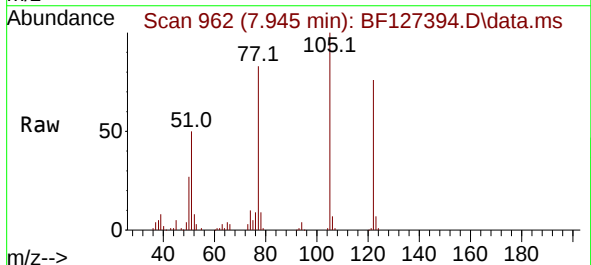
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

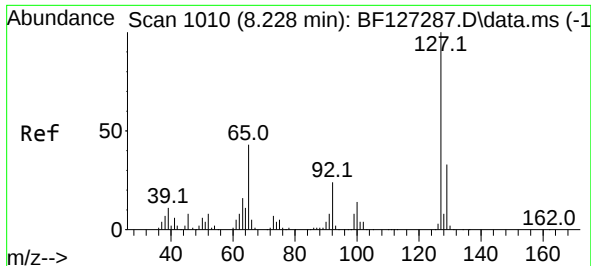
Tgt Ion:128 Resp: 708622  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.4 10.3 15.5



#32  
Benzoic acid  
Concen: 35.667 ng  
RT: 7.945 min Scan# 962  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:122 Resp: 116396  
Ion Ratio Lower Upper  
122 100  
105 130.7 101.0 141.0  
77 108.6 74.5 114.5

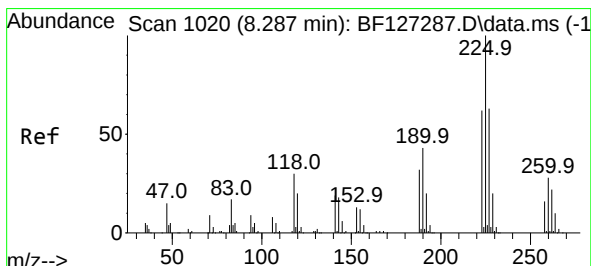
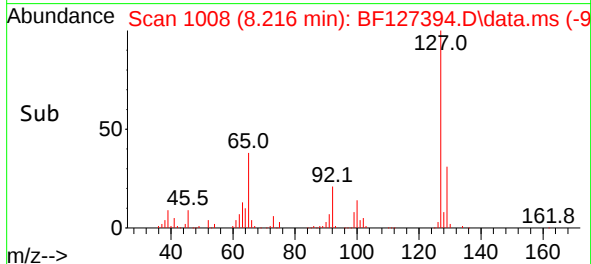
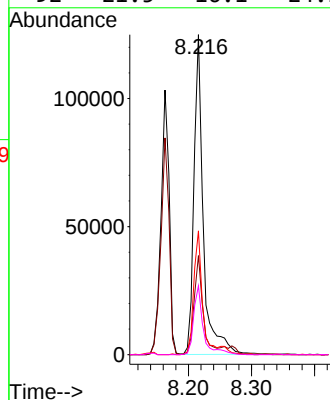
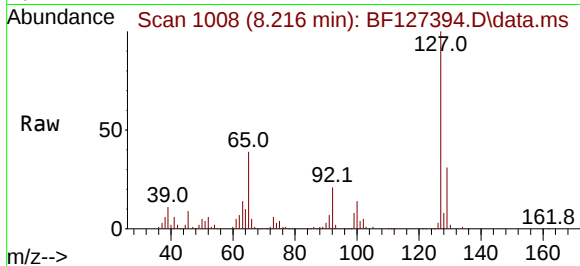




#33  
4-Chloroaniline  
Concen: 17.864 ng  
RT: 8.216 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

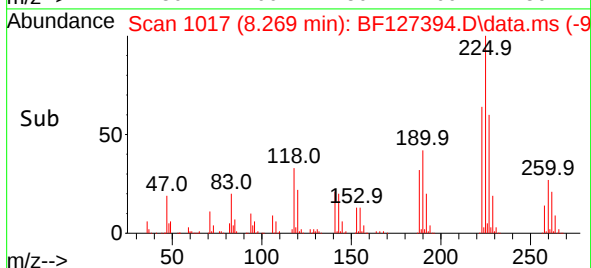
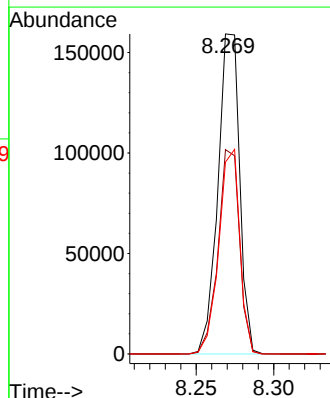
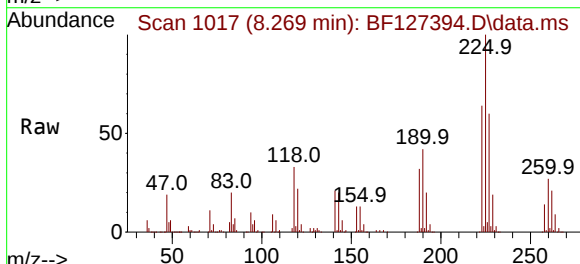
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 128939 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 30.9  | 26.5  | 39.7   |
| 65        | 38.7  | 26.6  | 39.8   |
| 92        | 21.5  | 16.1  | 24.1   |



#34  
Hexachlorobutadiene  
Concen: 36.038 ng  
RT: 8.269 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 155942 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.9  | 48.6  | 73.0   |
| 227       | 60.0  | 51.4  | 77.0   |

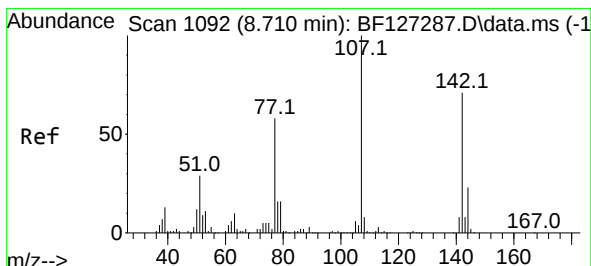
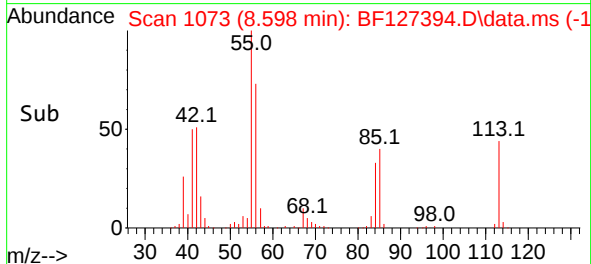
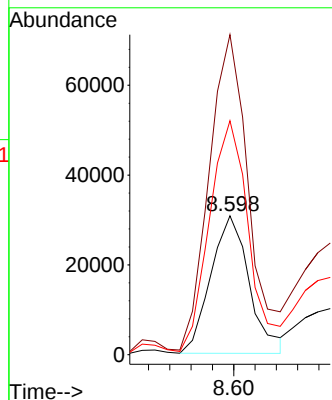
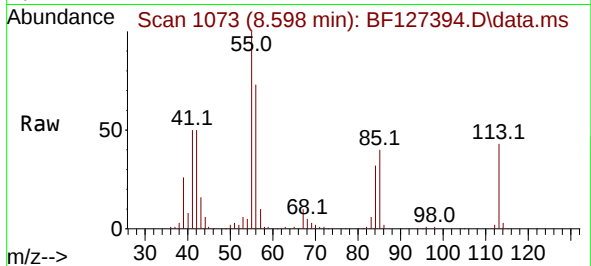




#35  
 Caprolactam  
 Concen: 22.713 ng  
 RT: 8.598 min Scan# 1075  
 Delta R.T. -0.006 min  
 Lab File: BF127394.D  
 Acq: 18 Mar 2022 16:21

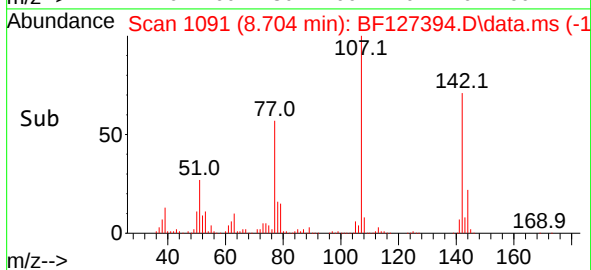
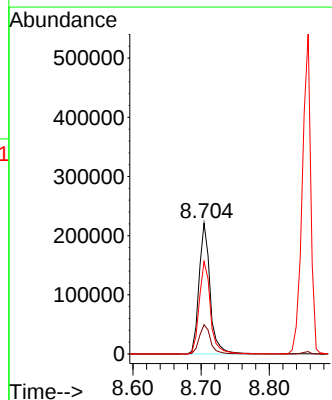
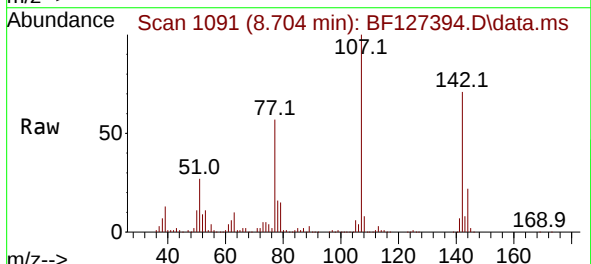
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CP-BH1-031422-4-6-DUPMSD

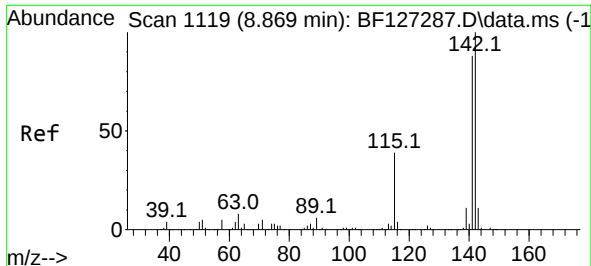
Tgt Ion:113 Resp: 38621  
 Ion Ratio Lower Upper  
 113 100  
 55 230.5 183.9 223.9#  
 56 168.5 129.9 169.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.301 ng  
 RT: 8.704 min Scan# 1091  
 Delta R.T. 0.000 min  
 Lab File: BF127394.D  
 Acq: 18 Mar 2022 16:21

Tgt Ion:107 Resp: 248625  
 Ion Ratio Lower Upper  
 107 100  
 144 22.4 18.5 27.7  
 142 70.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 38.536 ng

RT: 8.857 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

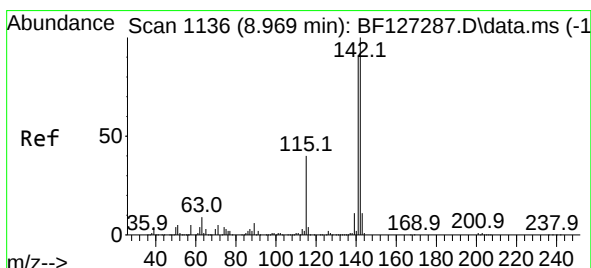
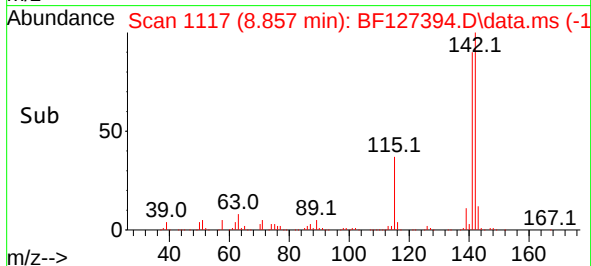
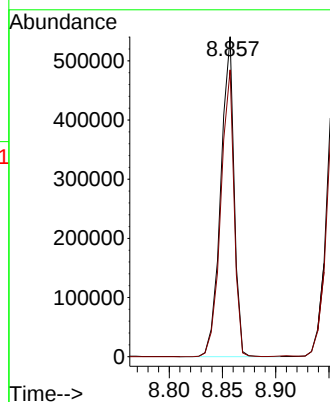
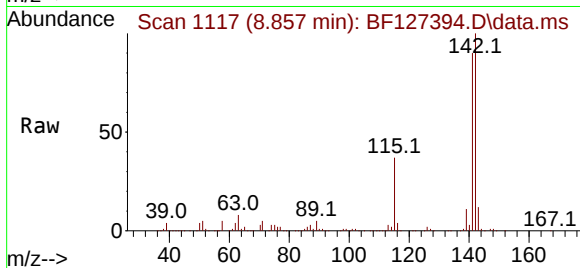
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:142 Resp: 468888

Ion Ratio Lower Upper

142 100

141 89.6 68.6 102.8



#38

1-Methylnaphthalene

Concen: 38.366 ng

RT: 8.957 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF127394.D

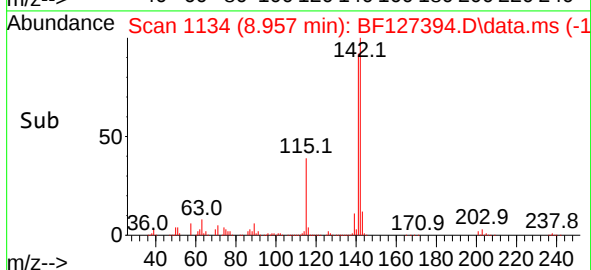
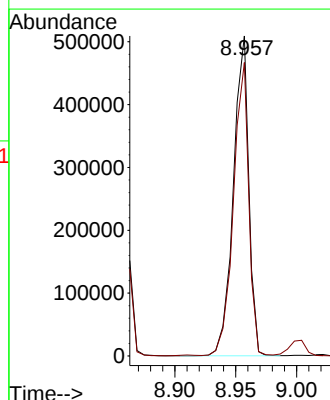
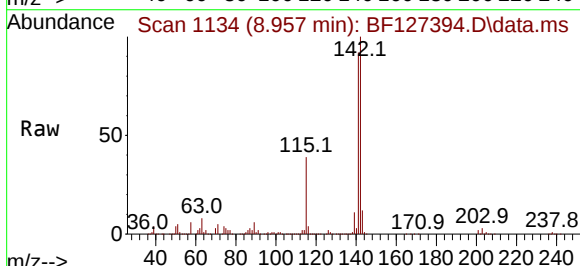
Acq: 18 Mar 2022 16:21

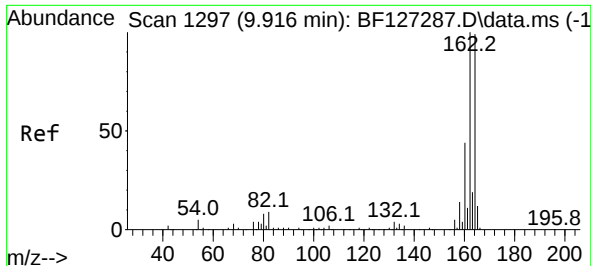
Tgt Ion:142 Resp: 448784

Ion Ratio Lower Upper

142 100

141 91.7 72.1 108.1

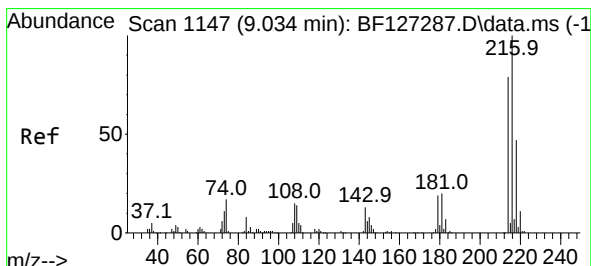
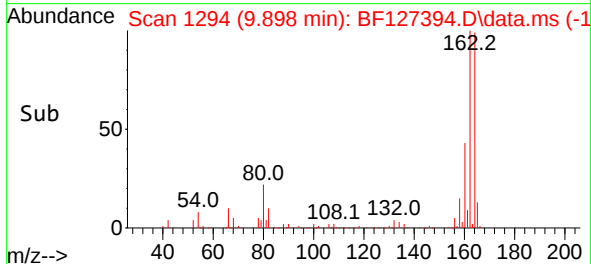
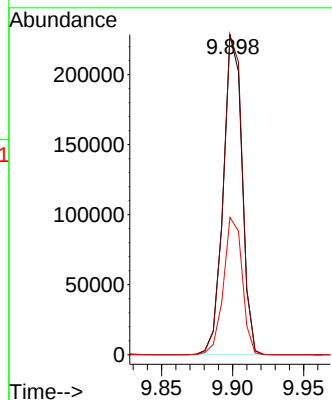
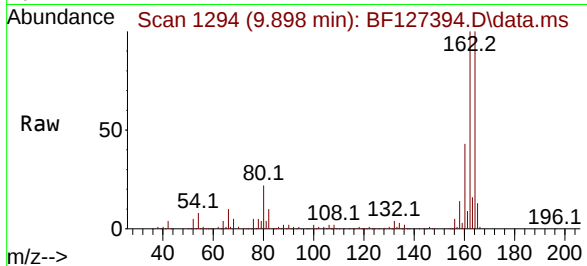




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

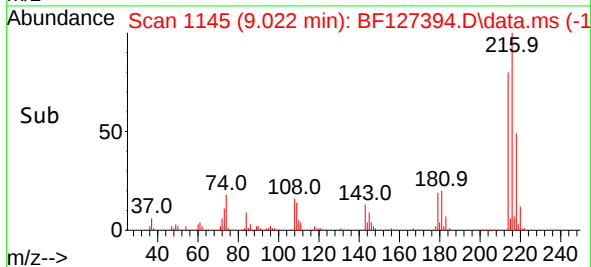
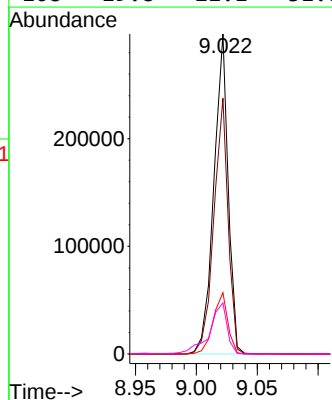
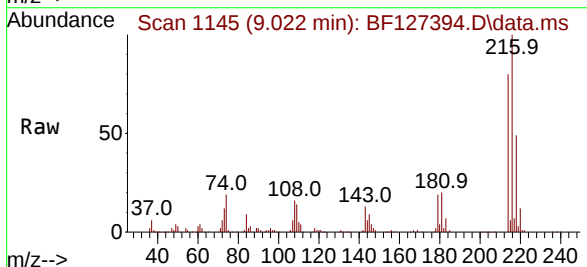
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

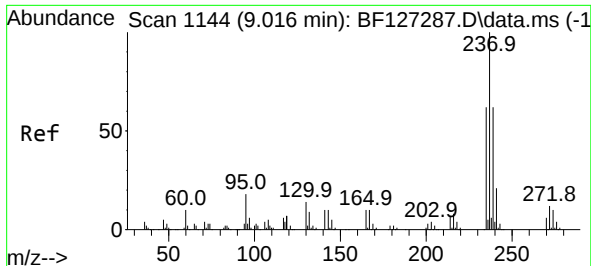
Tgt Ion:164 Resp: 208861  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.4 122.0  
160 42.9 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.849 ng  
RT: 9.022 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:216 Resp: 243639  
Ion Ratio Lower Upper  
216 100  
214 79.5 64.6 96.8  
179 19.6 19.5 29.3  
108 19.8 21.1 31.7#

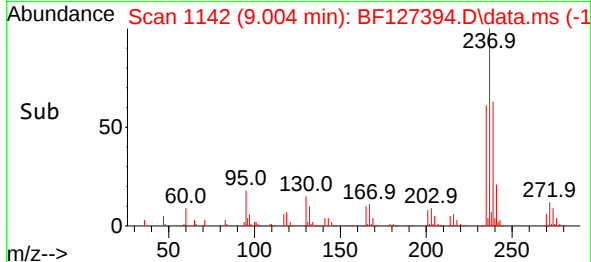
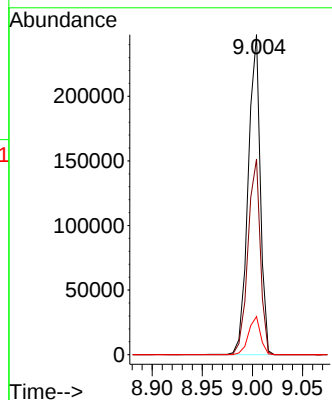
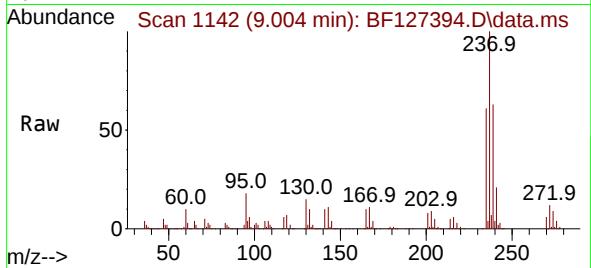




#41  
Hexachlorocyclopentadiene  
Concen: 76.368 ng  
RT: 9.004 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

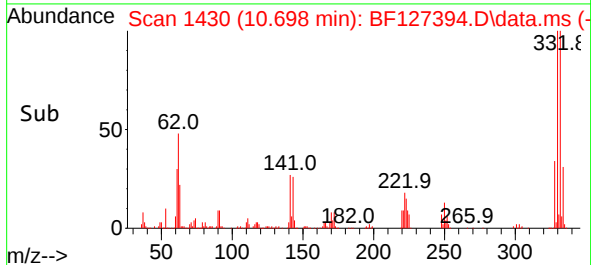
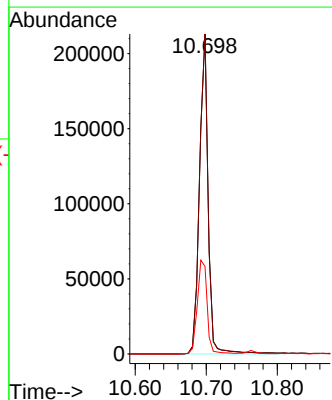
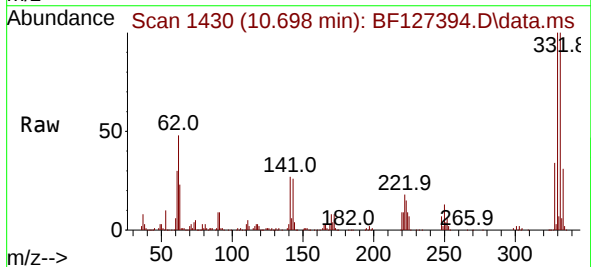
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

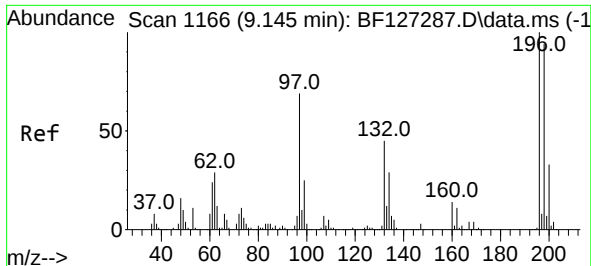
Tgt Ion:237 Resp: 209892  
Ion Ratio Lower Upper  
237 100  
235 61.2 38.9 78.9  
272 11.9 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 80.663 ng  
RT: 10.698 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:330 Resp: 181360  
Ion Ratio Lower Upper  
330 100  
332 99.2 76.0 114.0  
141 33.1 30.1 45.1

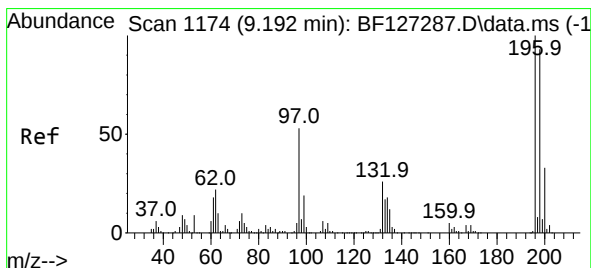
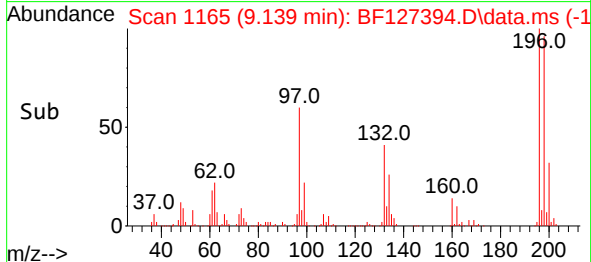
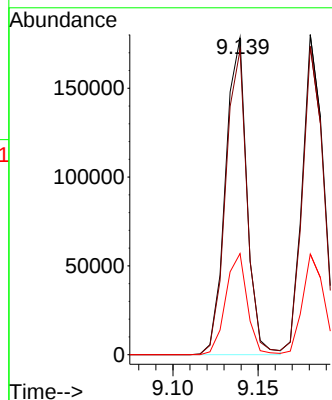
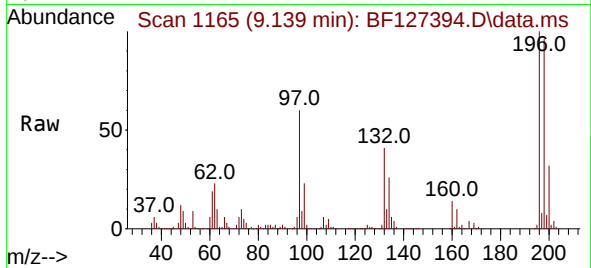




#43  
2,4,6-Trichlorophenol  
Concen: 37.456 ng  
RT: 9.139 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

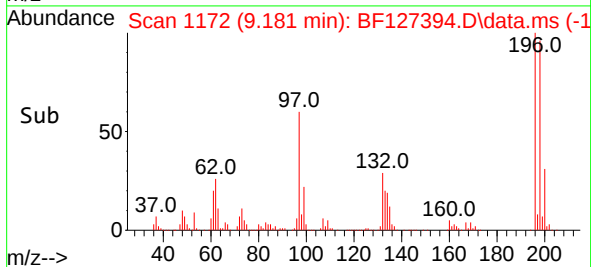
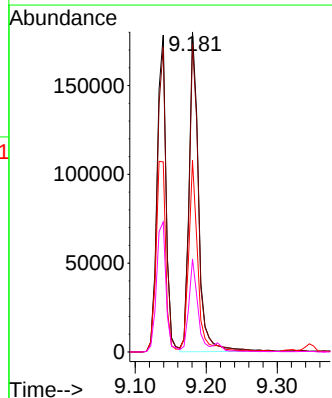
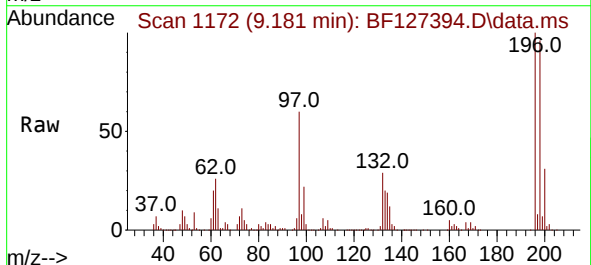
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

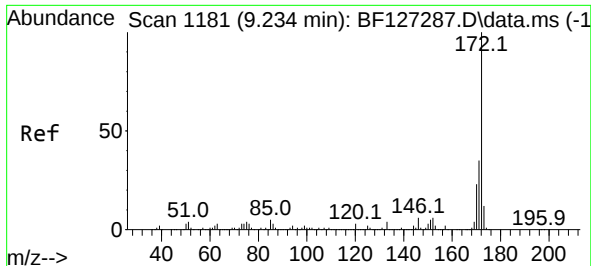
Tgt Ion:196 Resp: 156306  
Ion Ratio Lower Upper  
196 100  
198 96.2 78.5 117.7  
200 31.9 24.9 37.3



#44  
2,4,5-Trichlorophenol  
Concen: 38.016 ng  
RT: 9.181 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:196 Resp: 168369  
Ion Ratio Lower Upper  
196 100  
198 96.3 82.0 123.0  
97 59.9 53.5 80.3  
132 29.1 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 53.724 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

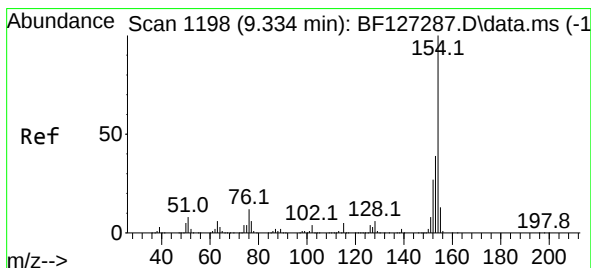
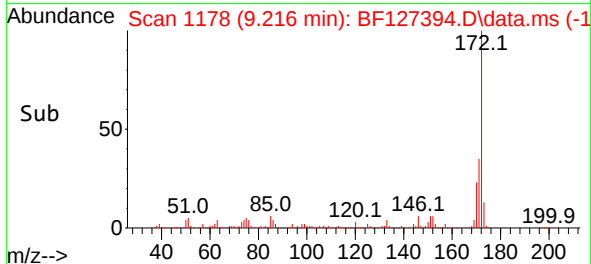
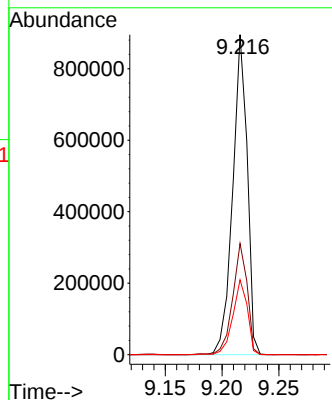
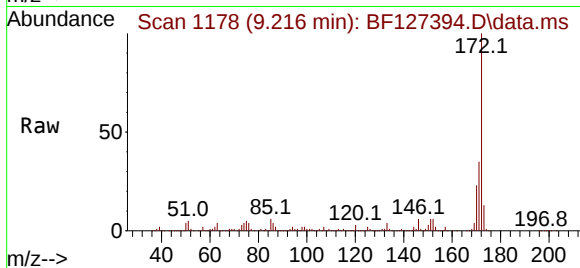
Tgt Ion:172 Resp: 793674

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 37.858 ng

RT: 9.322 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

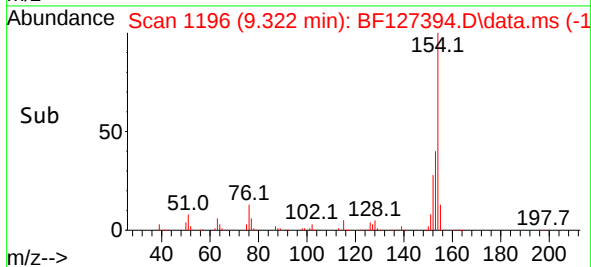
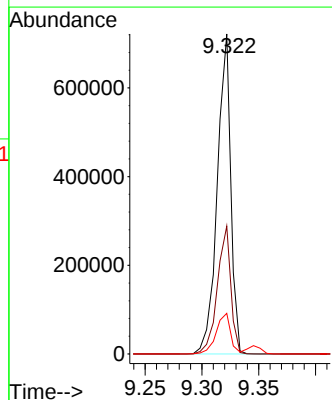
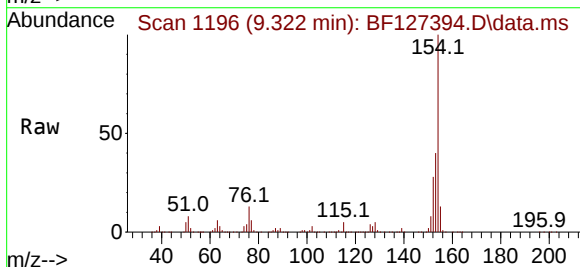
Tgt Ion:154 Resp: 596782

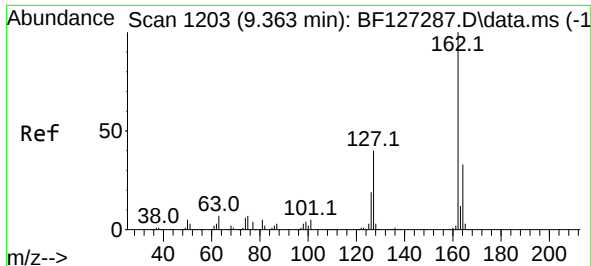
Ion Ratio Lower Upper

154 100

153 40.0 19.0 59.0

76 12.7 0.0 34.5

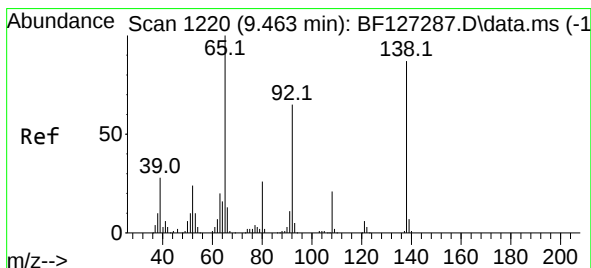
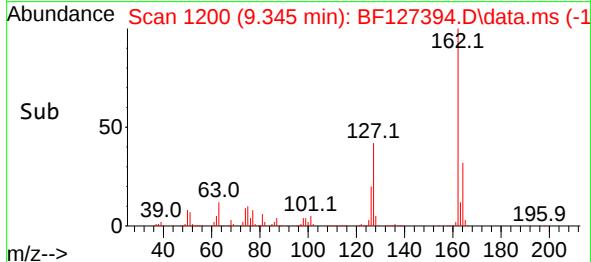
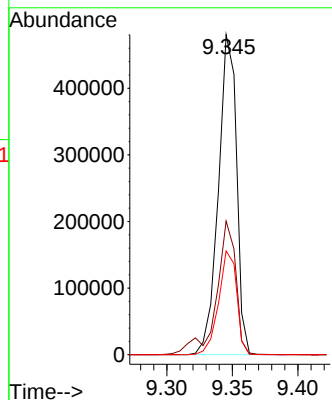
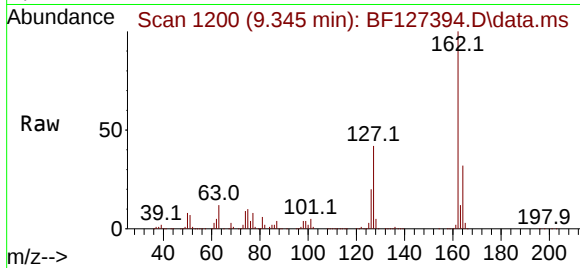




#47  
2-Chloronaphthalene  
Concen: 37.659 ng  
RT: 9.345 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

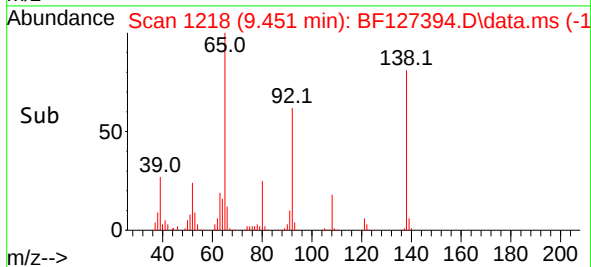
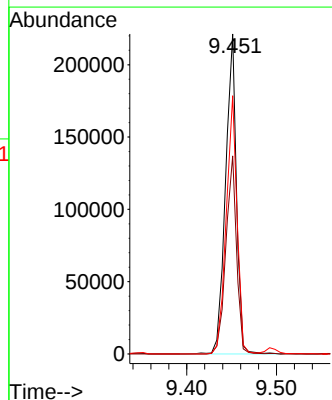
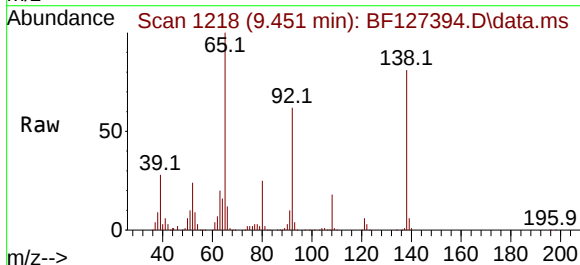
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

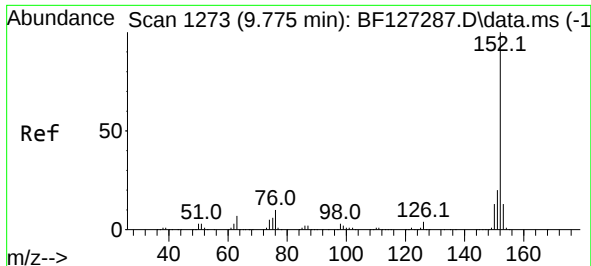
Tgt Ion:162 Resp: 462105  
Ion Ratio Lower Upper  
162 100  
127 41.8 33.5 50.3  
164 32.4 26.2 39.4



#48  
2-Nitroaniline  
Concen: 39.507 ng  
RT: 9.451 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion: 65 Resp: 186526  
Ion Ratio Lower Upper  
65 100  
92 61.9 54.4 81.6  
138 80.7 72.5 108.7

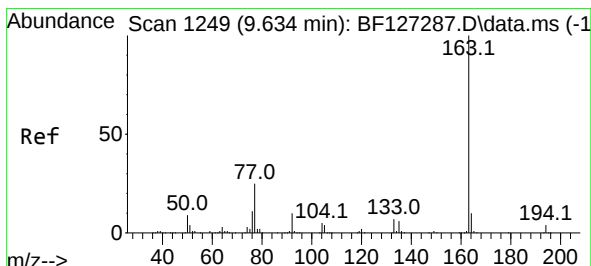
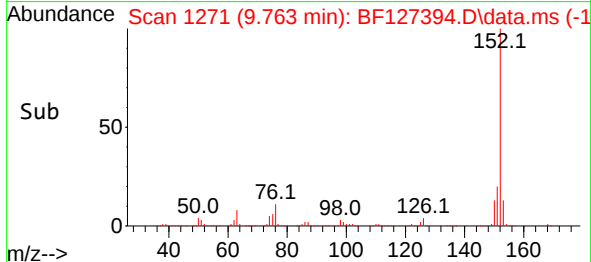
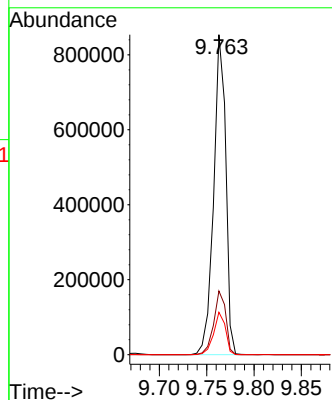
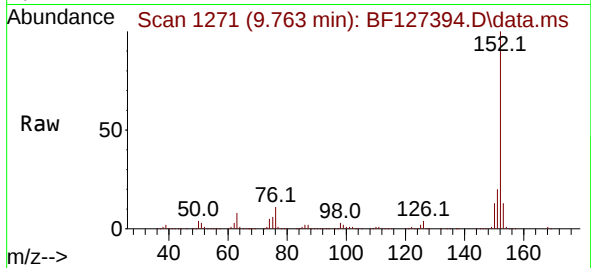




#49  
Acenaphthylene  
Concen: 40.220 ng  
RT: 9.763 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

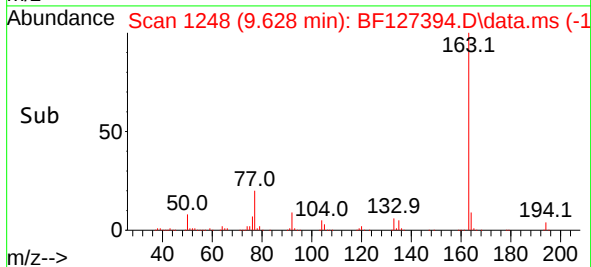
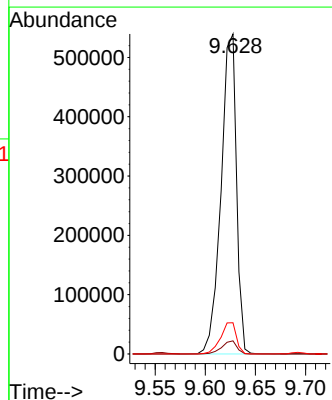
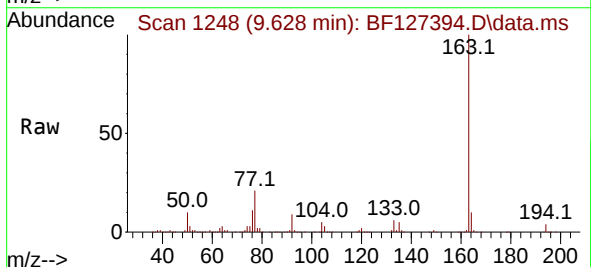
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

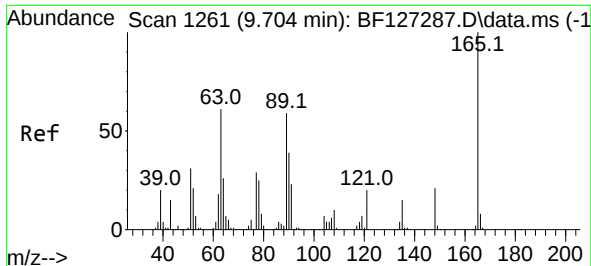
Tgt Ion:152 Resp: 755277  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 13.2 11.4 17.0



#50  
Dimethylphthalate  
Concen: 38.478 ng  
RT: 9.628 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:163 Resp: 575869  
Ion Ratio Lower Upper  
163 100  
194 4.1 2.6 3.8#  
164 9.7 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 41.208 ng

RT: 9.692 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

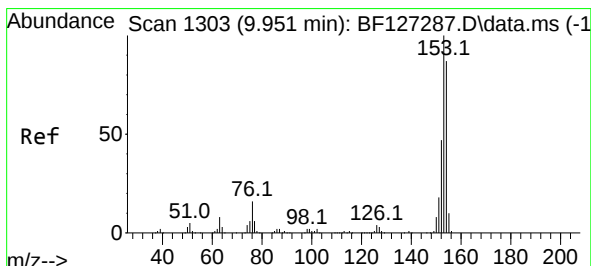
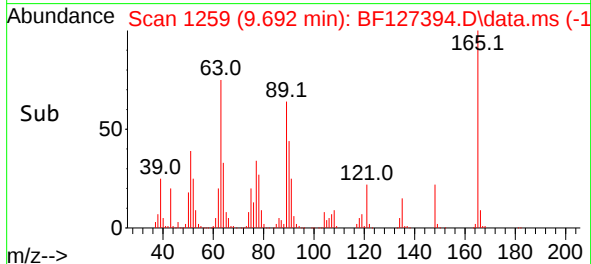
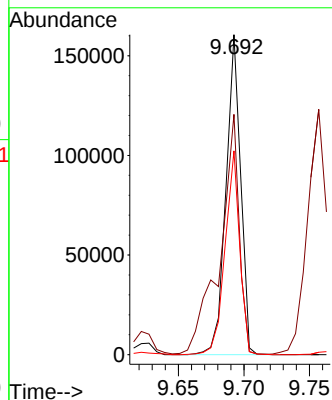
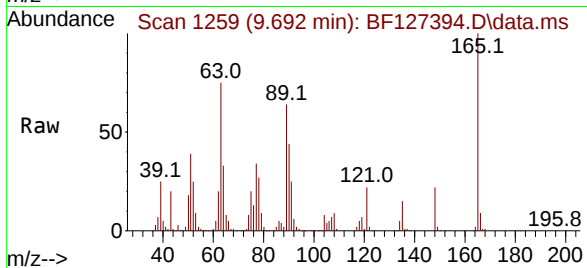
Tgt Ion:165 Resp: 124752

Ion Ratio Lower Upper

165 100

63 75.1 48.4 72.6#

89 63.7 50.5 75.7



#52

Acenaphthene

Concen: 37.600 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

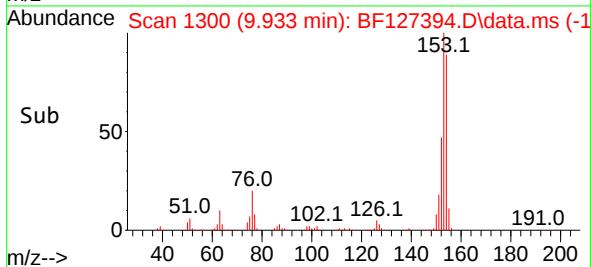
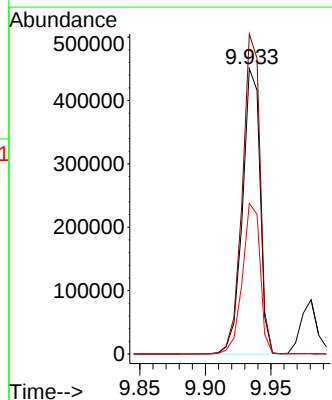
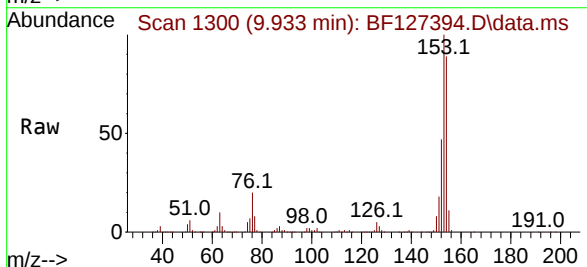
Tgt Ion:154 Resp: 420885

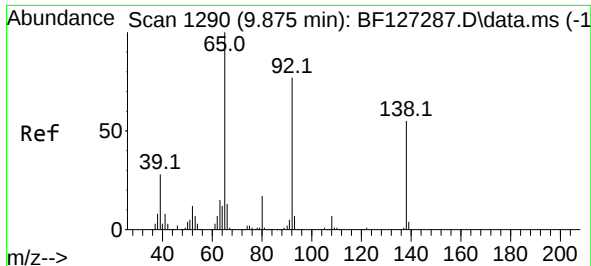
Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.6

152 52.8 39.4 59.2

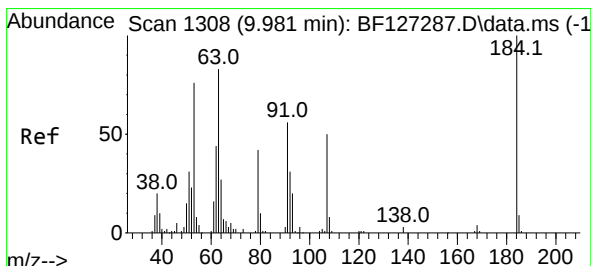
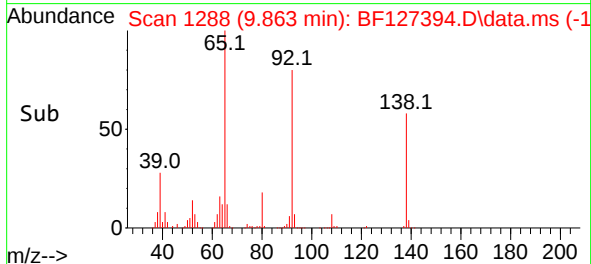
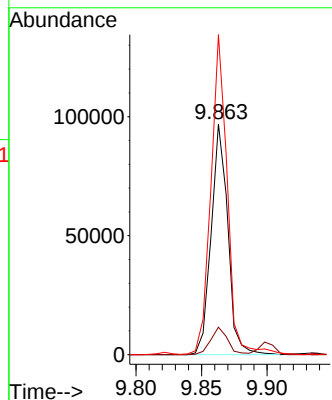
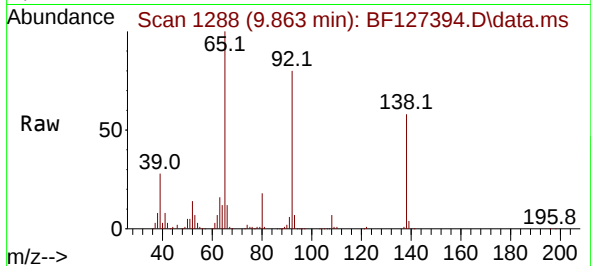




#53  
3-Nitroaniline  
Concen: 25.924 ng  
RT: 9.863 min Scan# 1288  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

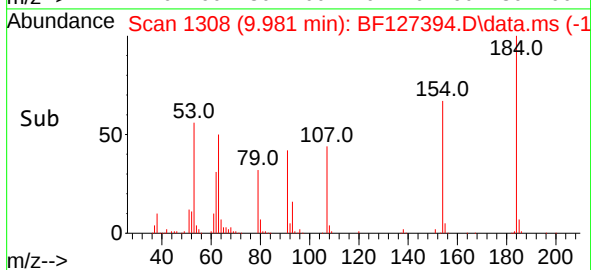
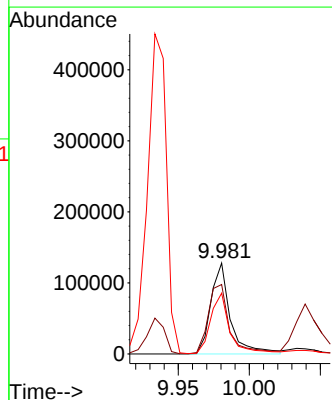
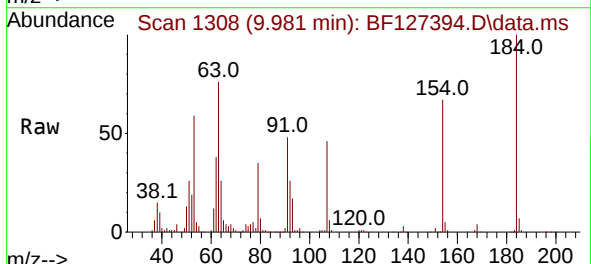
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

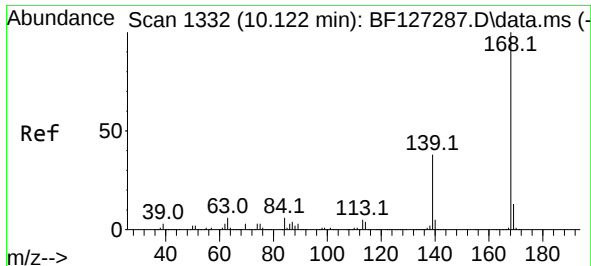
Tgt Ion:138 Resp: 85525  
Ion Ratio Lower Upper  
138 100  
108 12.0 8.6 13.0  
92 138.7 105.0 157.6



#54  
2,4-Dinitrophenol  
Concen: 73.858 ng  
RT: 9.981 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:184 Resp: 122706  
Ion Ratio Lower Upper  
184 100  
63 76.3 70.4 105.6  
154 66.8 49.7 74.5

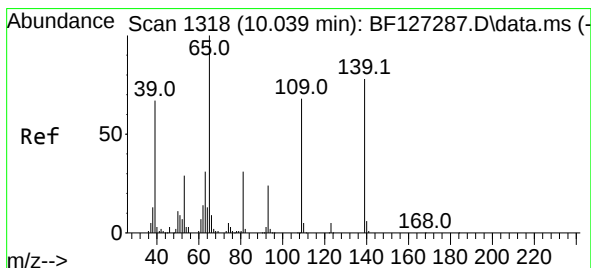
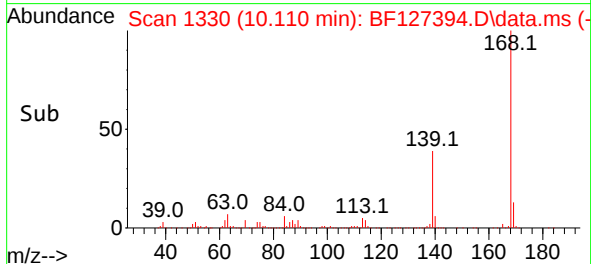
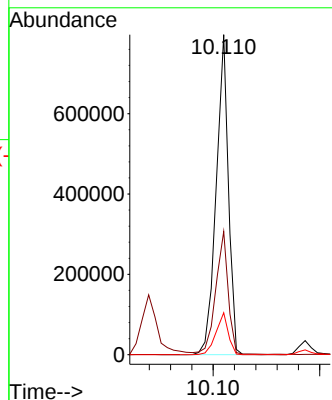
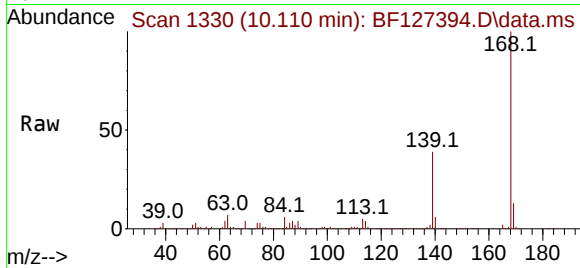




#55  
Dibenzenofuran  
Concen: 36.555 ng  
RT: 10.110 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

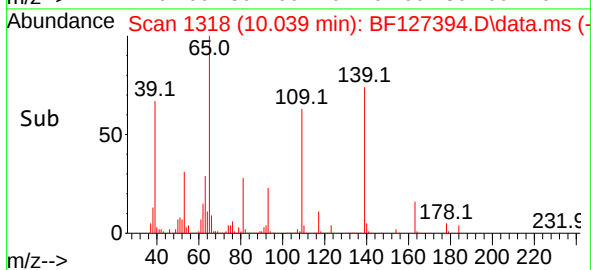
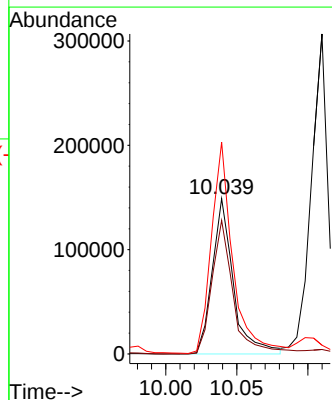
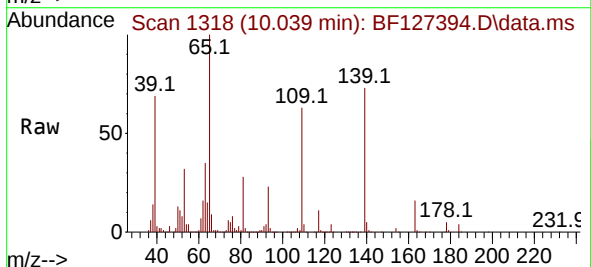
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

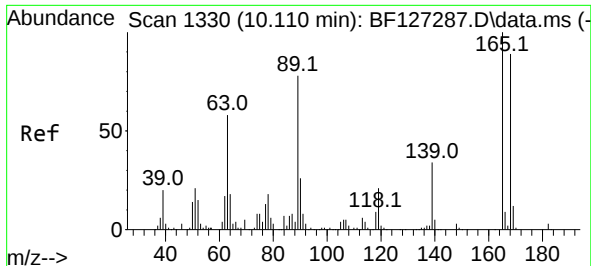
Tgt Ion:168 Resp: 635681  
Ion Ratio Lower Upper  
168 100  
139 38.5 30.6 46.0  
169 13.1 10.0 15.0



#56  
4-Nitrophenol  
Concen: 77.061 ng  
RT: 10.039 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:139 Resp: 154524  
Ion Ratio Lower Upper  
139 100  
109 86.0 44.1 84.1#  
65 136.5 85.5 125.5#

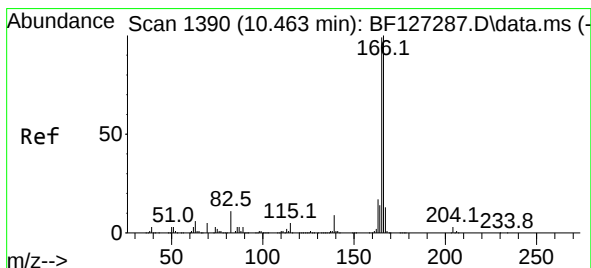
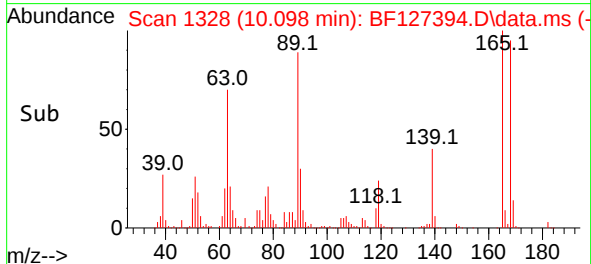
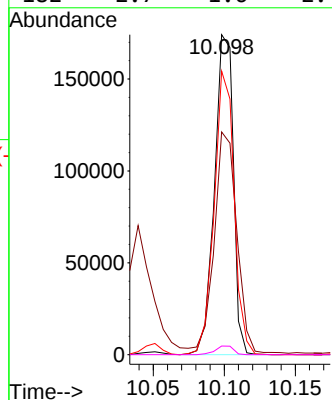
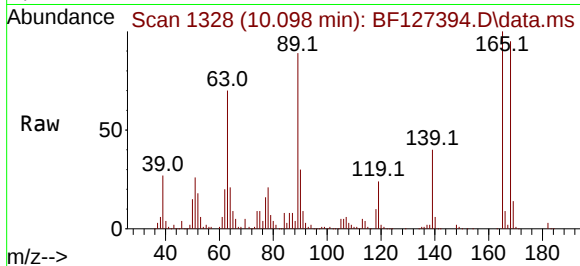




#57  
2,4-Dinitrotoluene  
Concen: 40.485 ng  
RT: 10.098 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

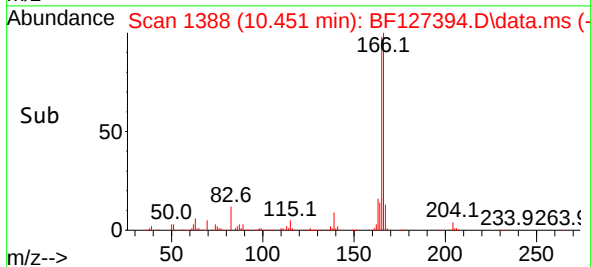
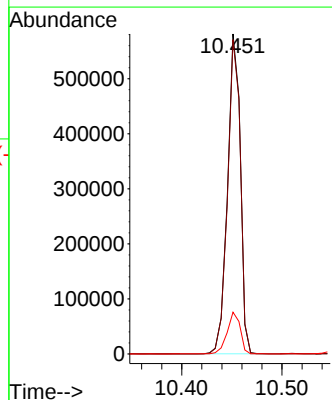
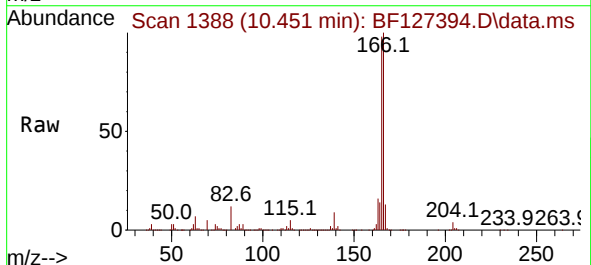
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:165 Resp: 161257  
Ion Ratio Lower Upper  
165 100  
63 69.6 43.0 64.6#  
89 88.6 71.0 106.4  
182 2.7 1.6 2.4#



#58  
Fluorene  
Concen: 38.090 ng  
RT: 10.451 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:166 Resp: 513628  
Ion Ratio Lower Upper  
166 100  
165 98.3 77.7 116.5  
167 13.1 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.665 ng

RT: 10.228 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

Tgt Ion:232 Resp: 142309

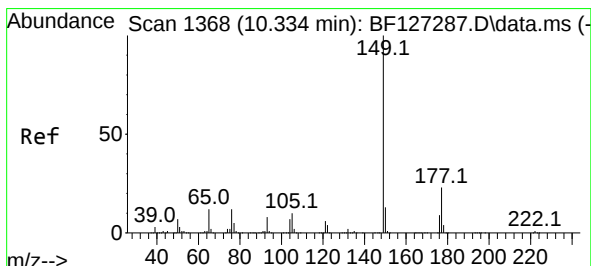
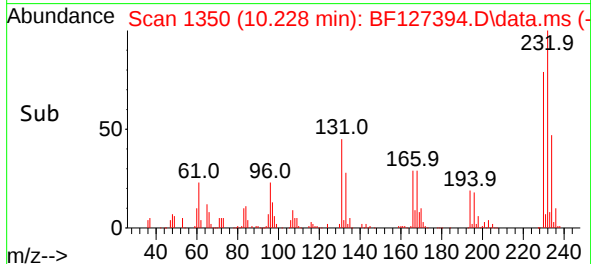
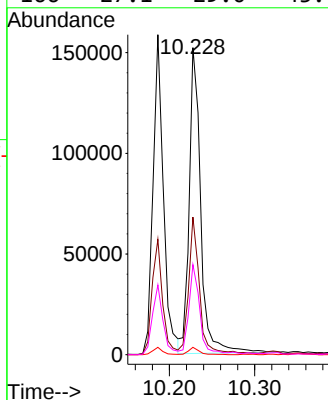
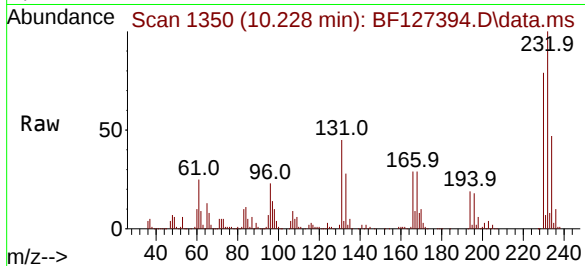
Ion Ratio Lower Upper

232 100

131 41.5 50.0 75.0#

130 2.3 2.2 3.2

166 27.1 29.0 43.4#



#60

Diethylphthalate

Concen: 39.415 ng

RT: 10.322 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

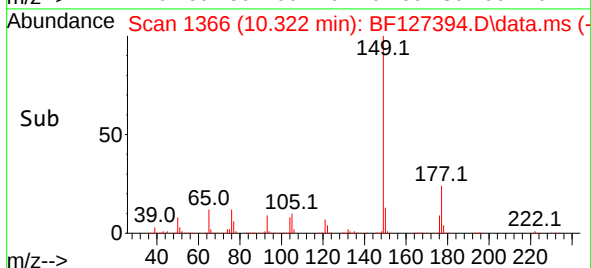
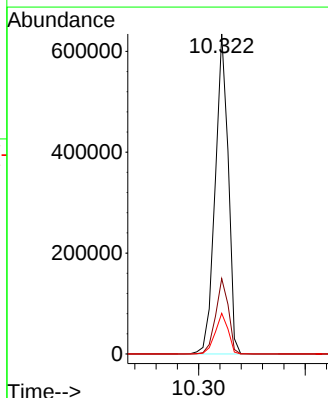
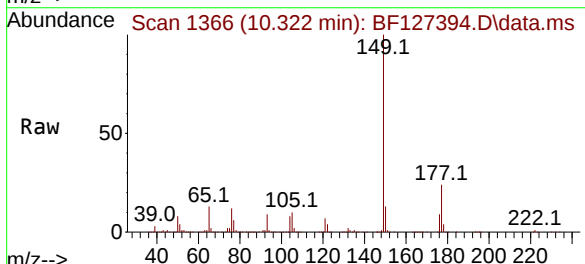
Tgt Ion:149 Resp: 538075

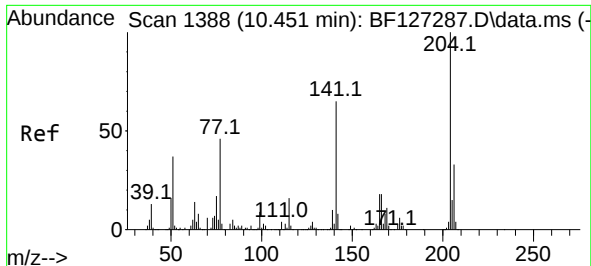
Ion Ratio Lower Upper

149 100

177 23.5 16.7 25.1

150 12.7 9.8 14.8

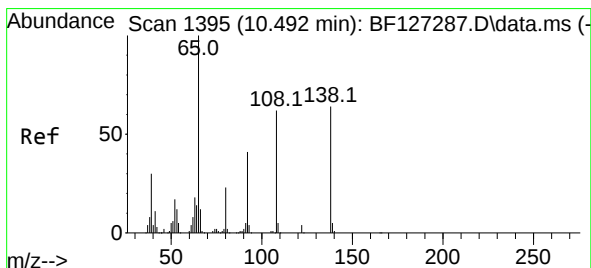
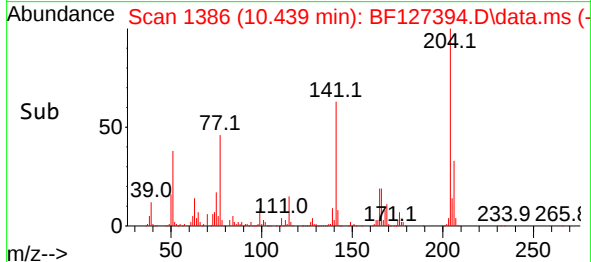
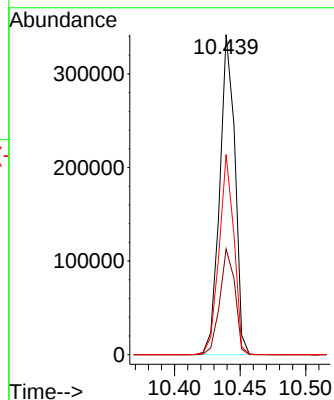
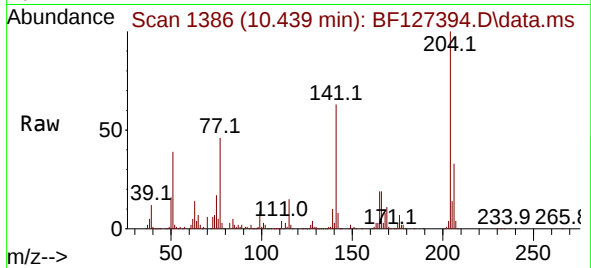




#61  
4-Chlorophenyl-phenylether  
Concen: 37.681 ng  
RT: 10.439 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

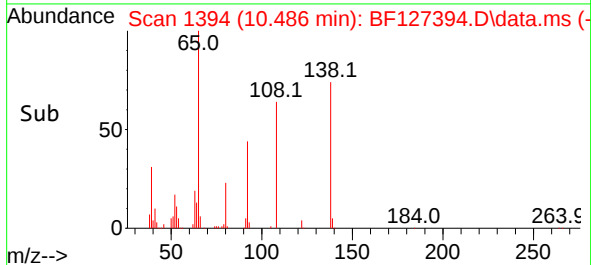
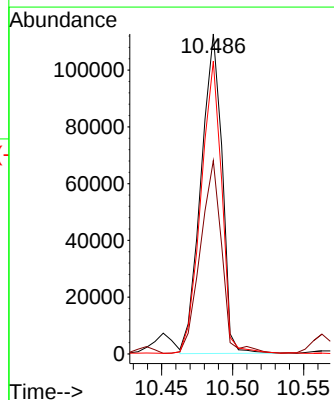
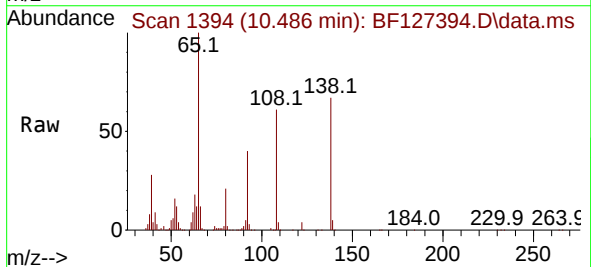
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

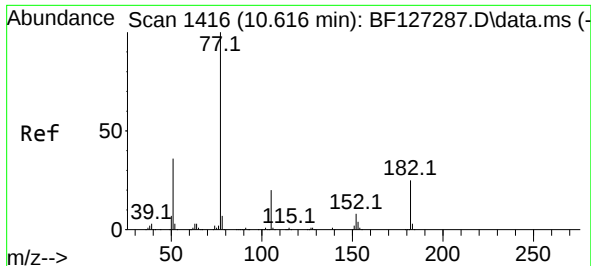
Tgt Ion:204 Resp: 275360  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.3 39.5  
141 62.6 59.0 88.6



#62  
4-Nitroaniline  
Concen: 35.385 ng  
RT: 10.486 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:138 Resp: 116329  
Ion Ratio Lower Upper  
138 100  
92 60.4 36.2 76.2  
108 91.5 46.7 86.7#

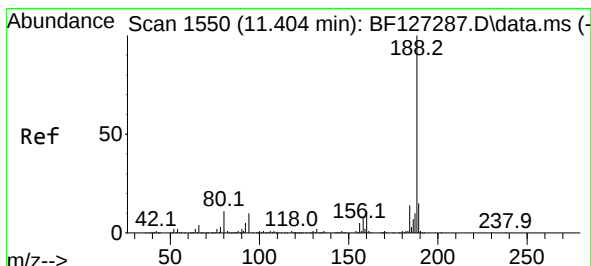
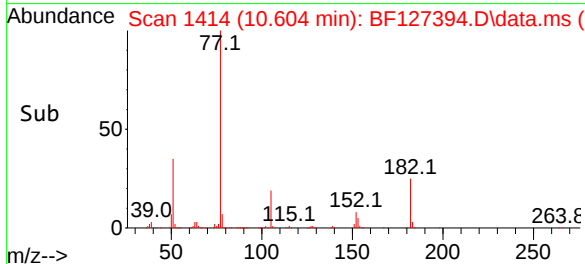
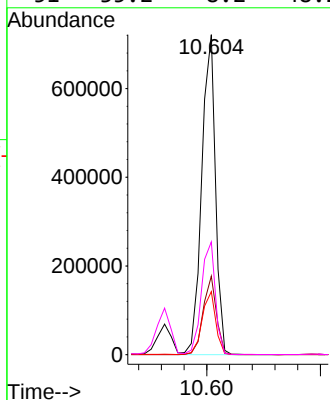
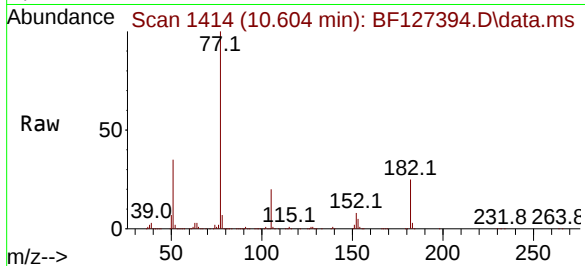




#63  
Azobenzene  
Concen: 38.570 ng  
RT: 10.604 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

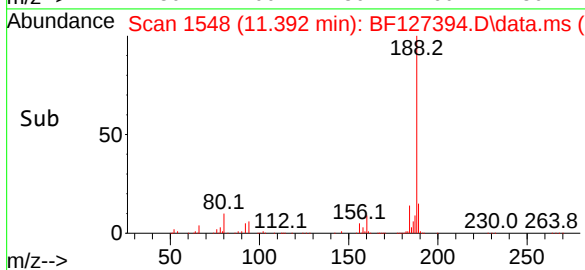
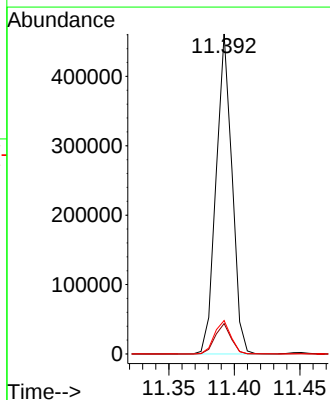
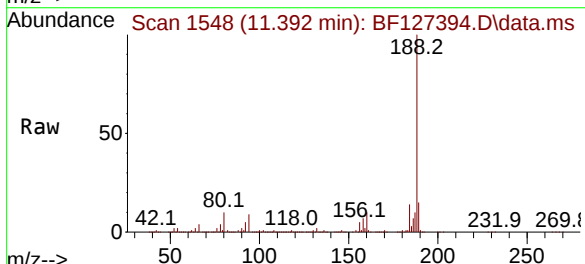
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

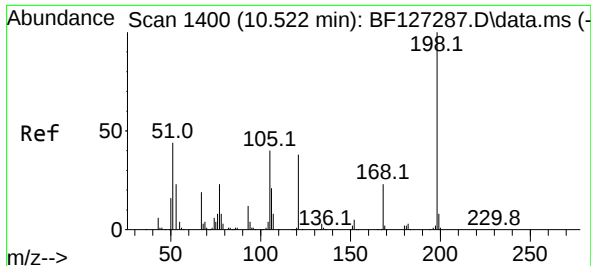
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 605265 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.6    | 0.0 39.0     |
| 105 19.7    | 3.2 43.2     |
| 51 35.2     | 8.2 48.2     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 1548  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 388553 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.5      | 10.1 15.1#   |
| 80 10.5     | 11.8 17.6#   |

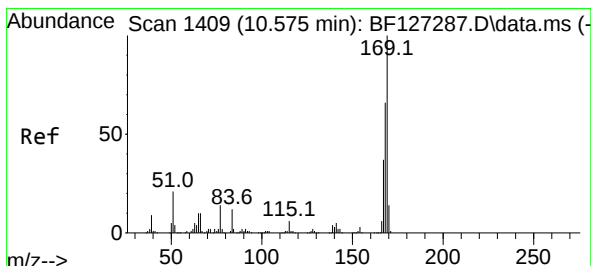
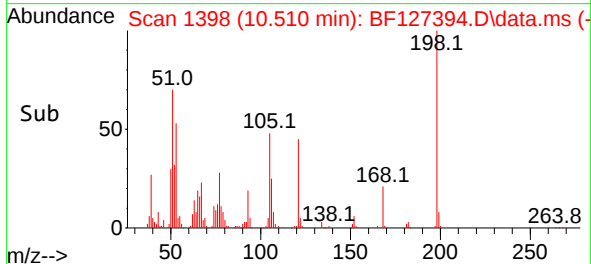
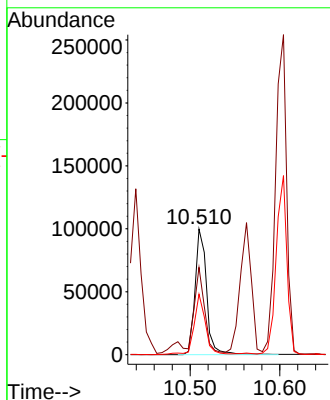
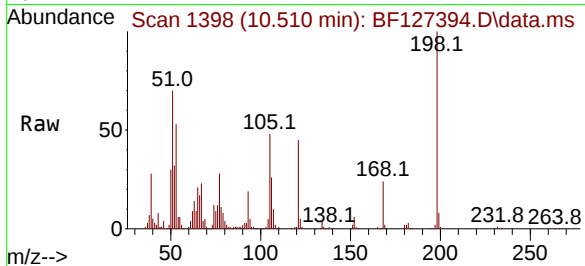




#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.351 ng  
RT: 10.510 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

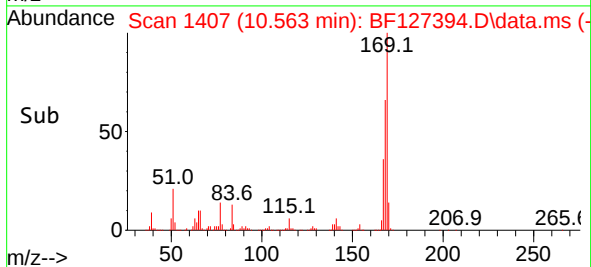
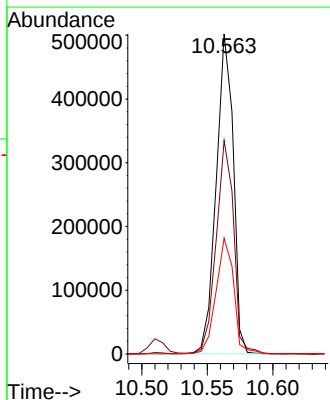
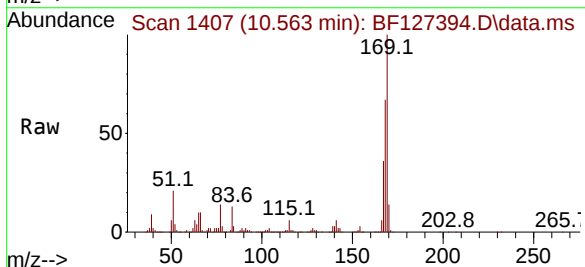
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

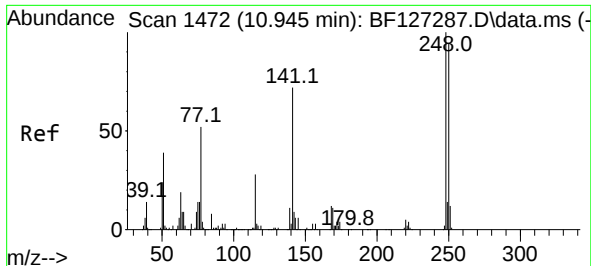
Tgt Ion:198 Resp: 89481  
Ion Ratio Lower Upper  
198 100  
51 69.6 32.0 72.0  
105 48.2 32.7 72.7



#66  
n-Nitrosodiphenylamine  
Concen: 37.550 ng  
RT: 10.563 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:169 Resp: 453133  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.4 80.0  
167 36.2 29.4 44.0

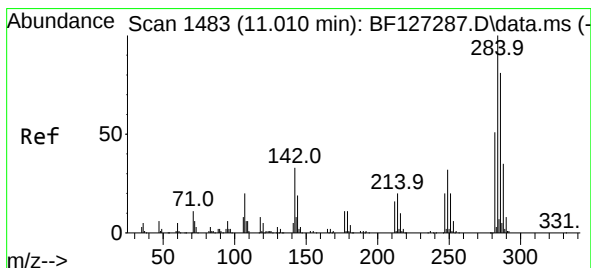
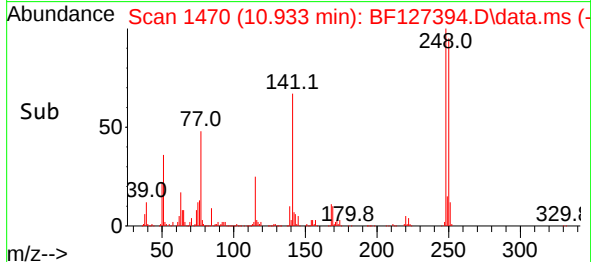
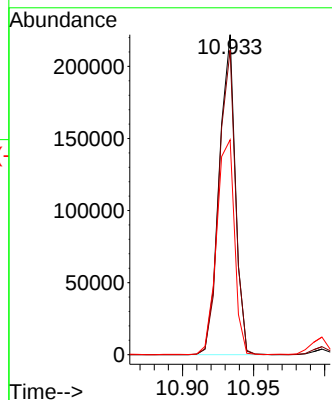
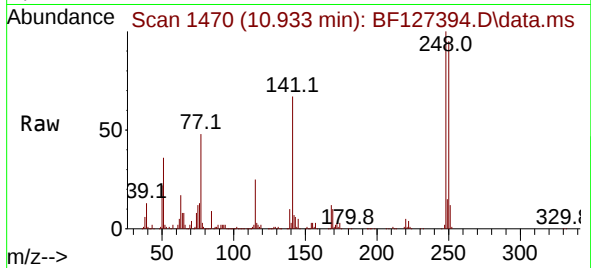




#67  
4-Bromophenyl-phenylether  
Concen: 37.410 ng  
RT: 10.933 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

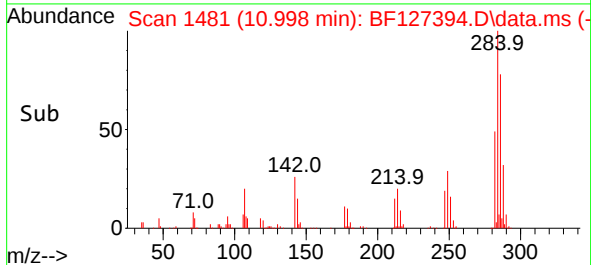
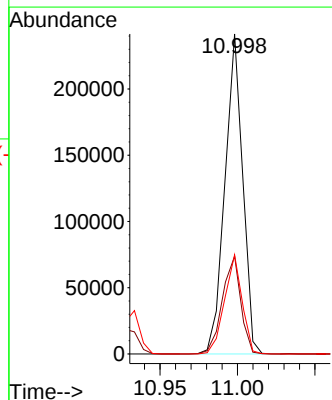
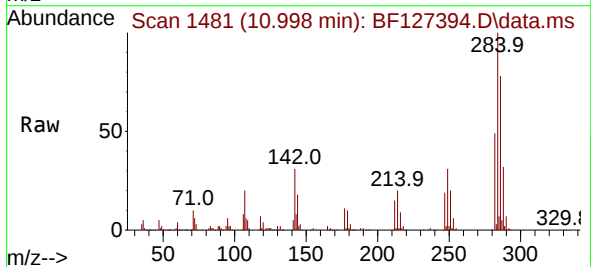
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

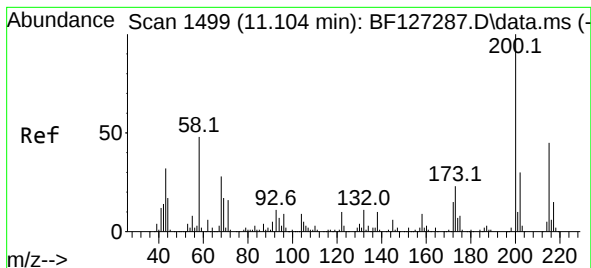
Tgt Ion:248 Resp: 175222  
Ion Ratio Lower Upper  
248 100  
250 95.2 76.2 114.4  
141 67.2 66.2 99.4



#68  
Hexachlorobenzene  
Concen: 37.740 ng  
RT: 10.998 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:284 Resp: 192645  
Ion Ratio Lower Upper  
284 100  
142 30.6 30.7 46.1#  
249 31.0 21.1 31.7





#69

Atrazine

Concen: 42.867 ng

RT: 11.092 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

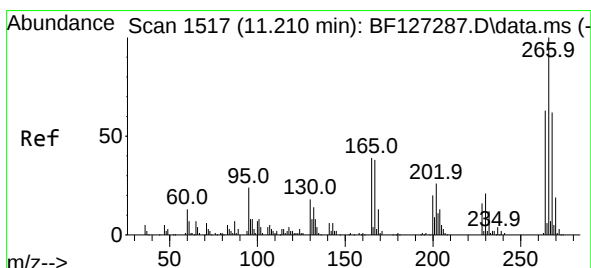
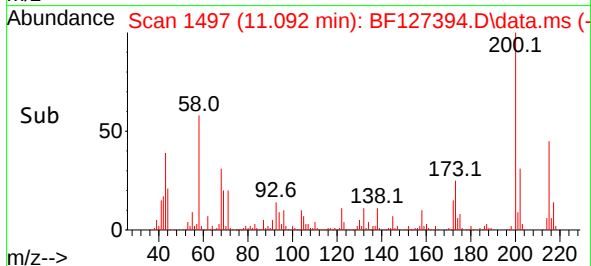
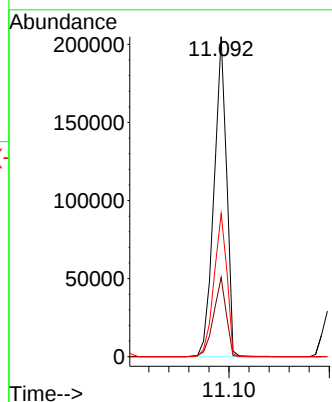
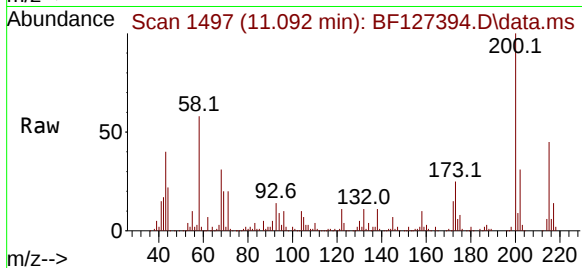
Tgt Ion:200 Resp: 178500

Ion Ratio Lower Upper

200 100

173 24.7 9.2 49.2

215 44.7 23.2 63.2



#70

Pentachlorophenol

Concen: 77.573 ng

RT: 11.198 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

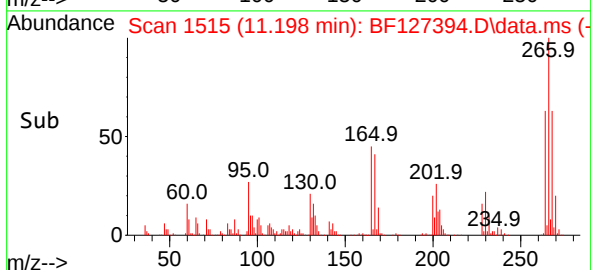
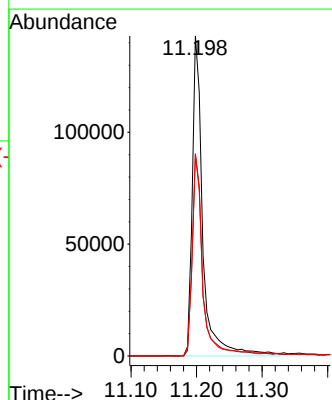
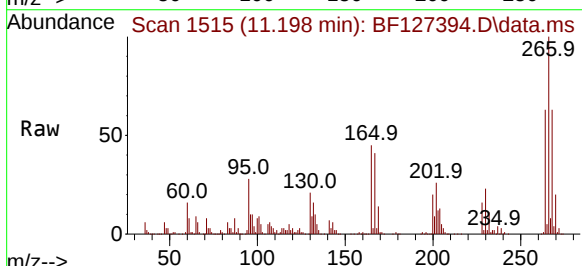
Tgt Ion:266 Resp: 159878

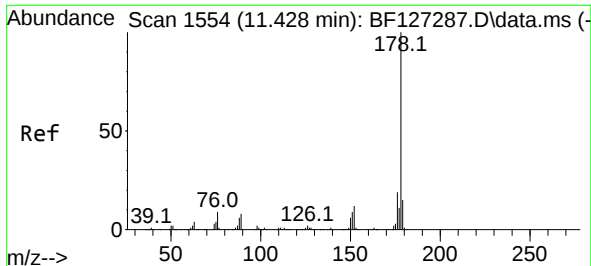
Ion Ratio Lower Upper

266 100

268 63.2 52.3 78.5

264 63.0 50.4 75.6

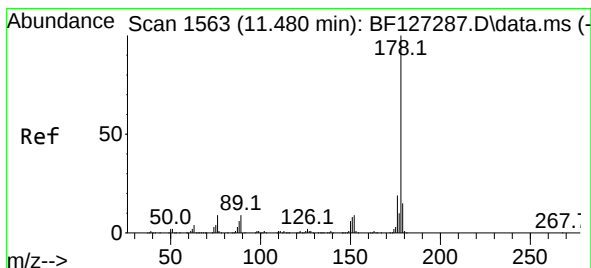
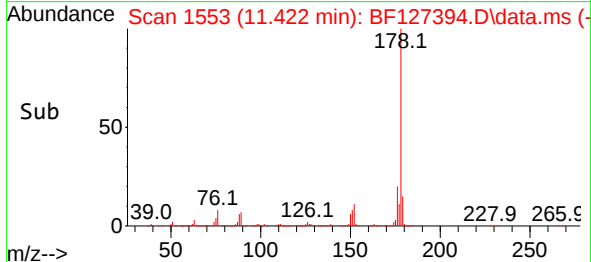
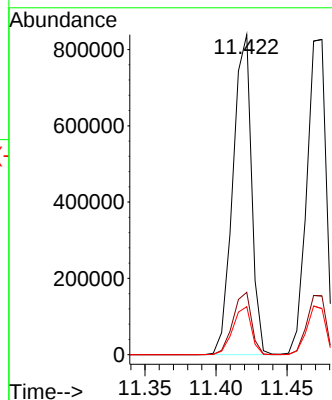
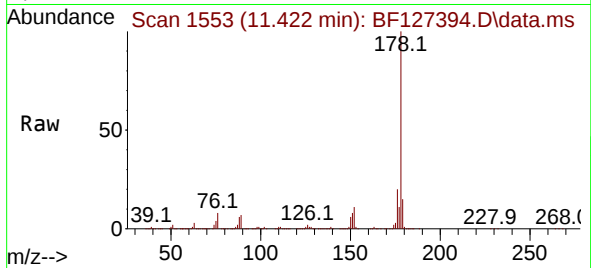




#71  
Phenanthrene  
Concen: 37.305 ng  
RT: 11.422 min Scan# 1553  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

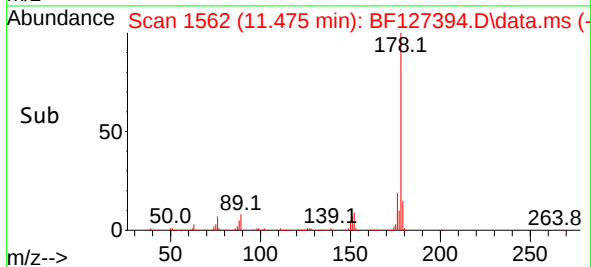
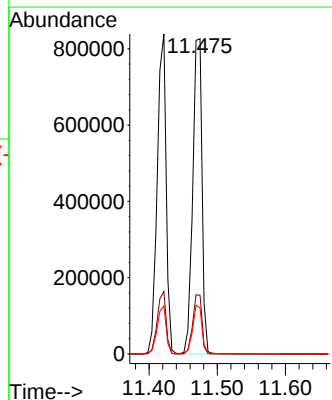
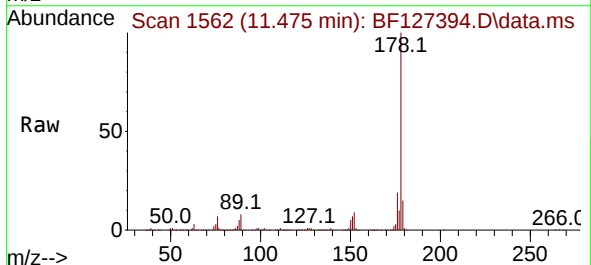
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

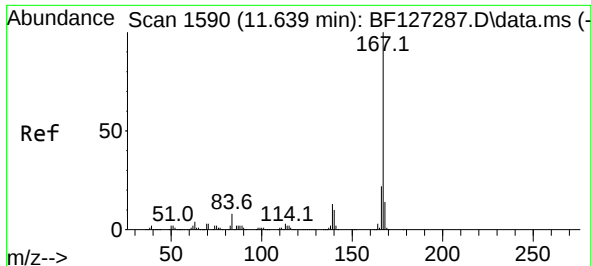
Tgt Ion:178 Resp: 765183  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.7 23.5  
179 15.0 12.3 18.5



#72  
Anthracene  
Concen: 38.534 ng  
RT: 11.475 min Scan# 1562  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:178 Resp: 782741  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.6  
179 14.6 12.5 18.7

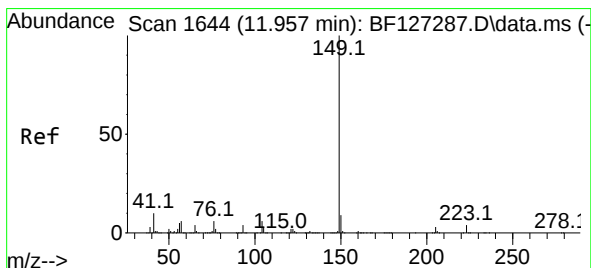
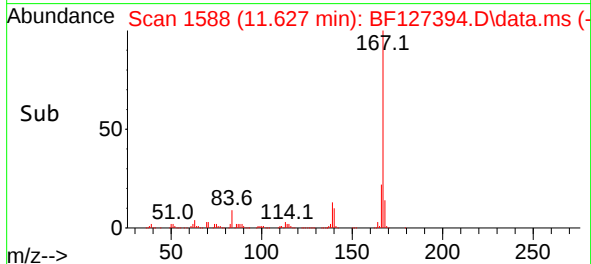
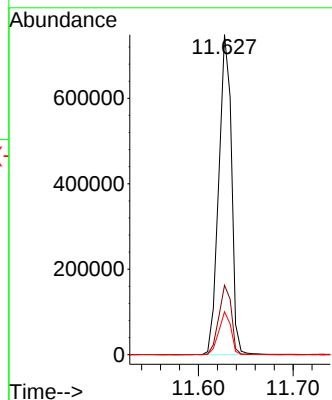
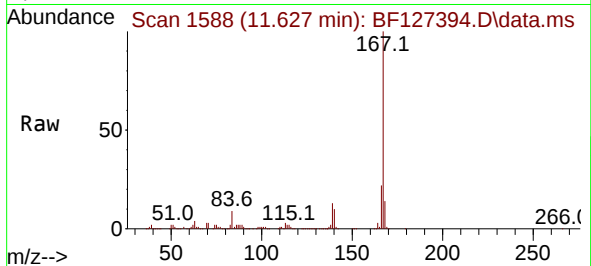




#73  
 Carbazole  
 Concen: 36.411 ng  
 RT: 11.627 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF127394.D  
 Acq: 18 Mar 2022 16:21

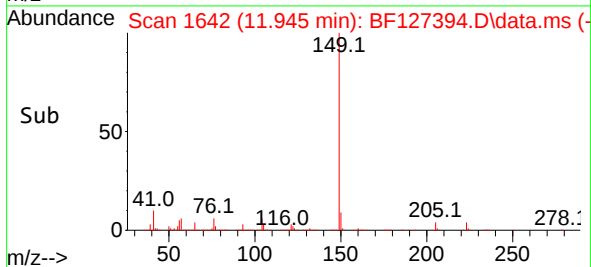
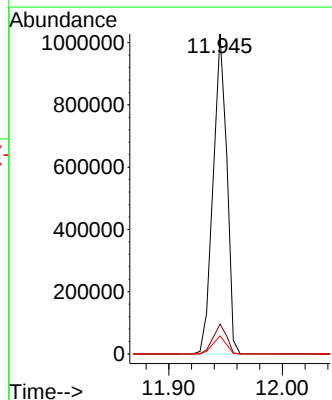
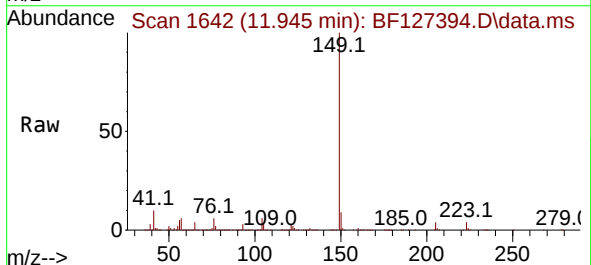
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CP-BH1-031422-4-6-DUPMSD

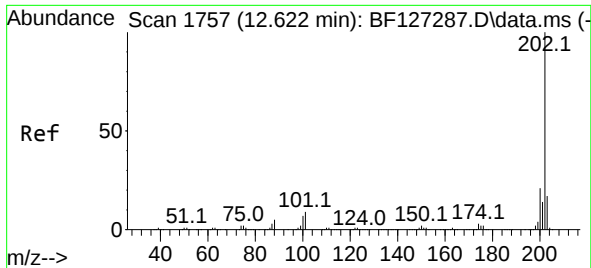
Tgt Ion:167 Resp: 696497  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 16.9 25.3  
 139 13.4 11.3 16.9



#74  
 Di-n-butylphthalate  
 Concen: 38.317 ng  
 RT: 11.945 min Scan# 1642  
 Delta R.T. 0.000 min  
 Lab File: BF127394.D  
 Acq: 18 Mar 2022 16:21

Tgt Ion:149 Resp: 857297  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 5.6 4.2 6.2

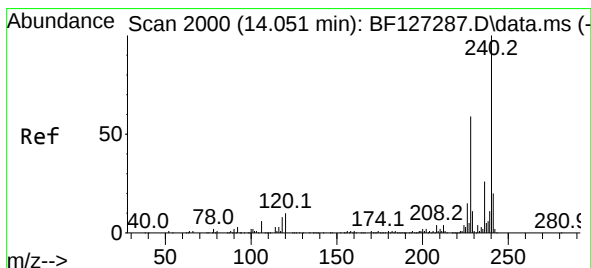
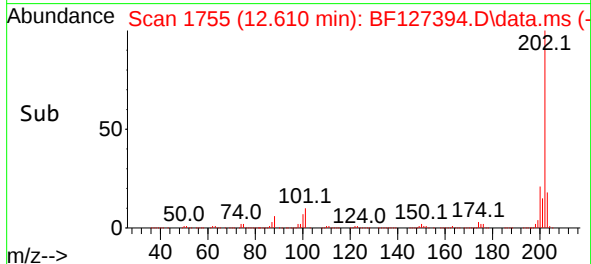
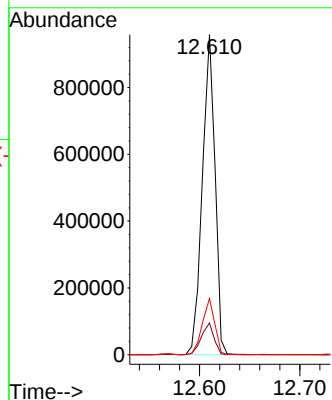
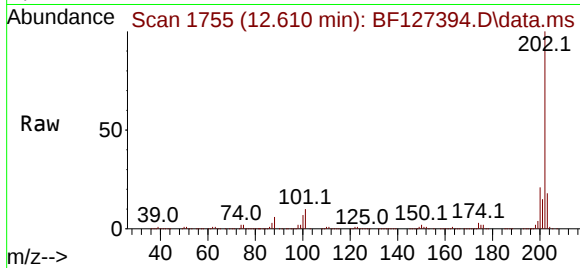




#75  
Fluoranthene  
Concen: 36.792 ng  
RT: 12.610 min Scan# 1755  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

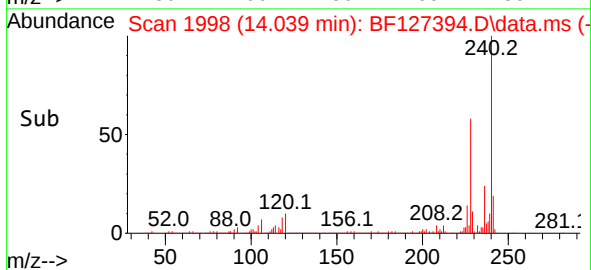
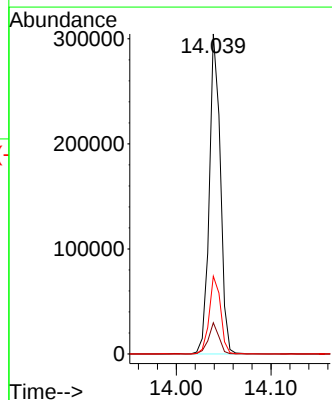
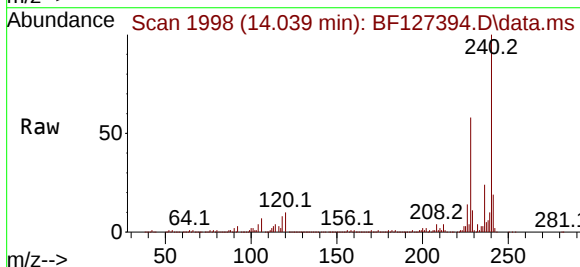
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

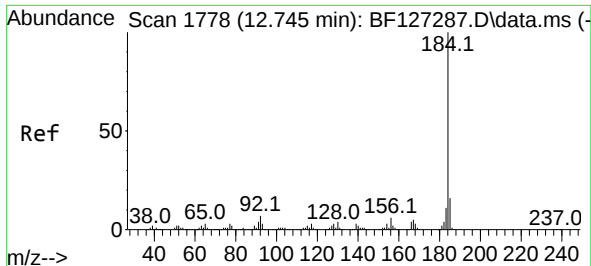
Tgt Ion:202 Resp: 843785  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 35.7  
203 17.6 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:240 Resp: 246295  
Ion Ratio Lower Upper  
240 100  
120 9.8 14.4 21.6#  
236 24.3 20.5 30.7

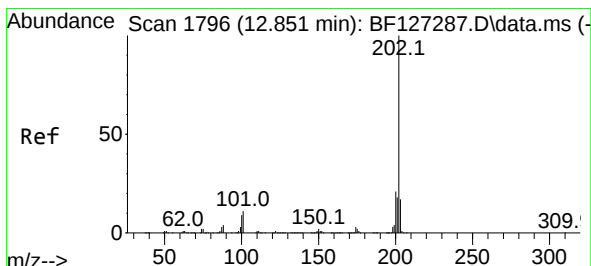
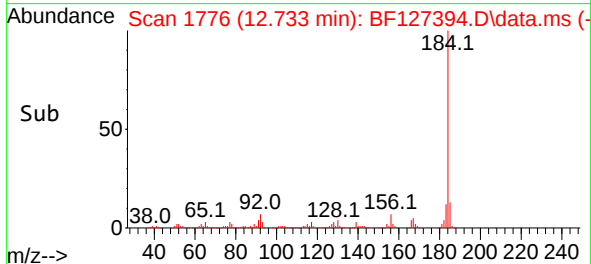
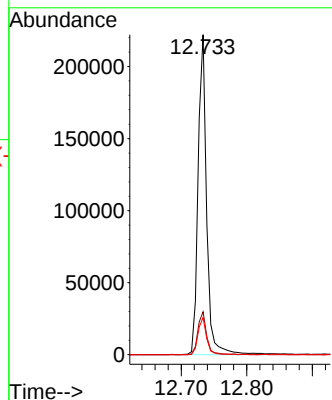
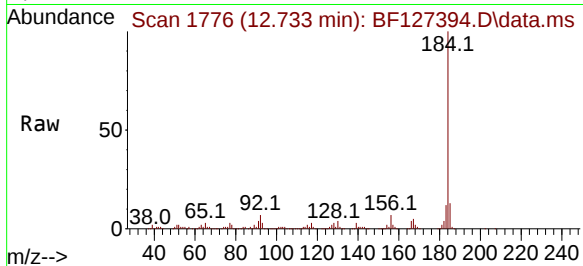




#77  
Benzidine  
Concen: 32.292 ng  
RT: 12.733 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

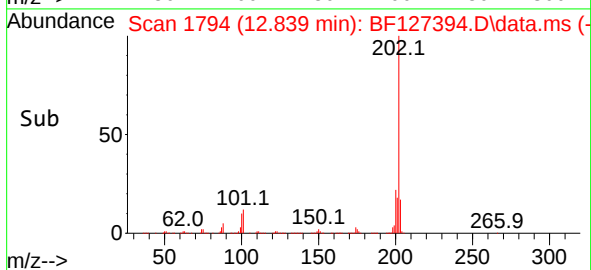
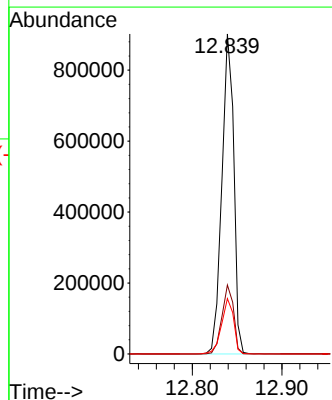
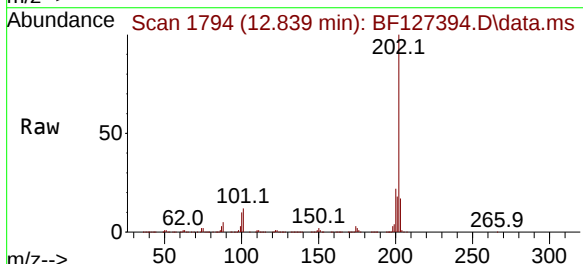
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

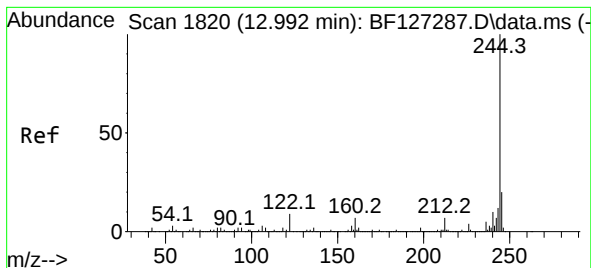
Tgt Ion:184 Resp: 202256  
Ion Ratio Lower Upper  
184 100  
185 13.4 11.8 17.8  
183 11.6 8.2 12.2



#78  
Pyrene  
Concen: 43.314 ng  
RT: 12.839 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:202 Resp: 830930  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.6 24.8  
203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 65.096 ng

RT: 12.974 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

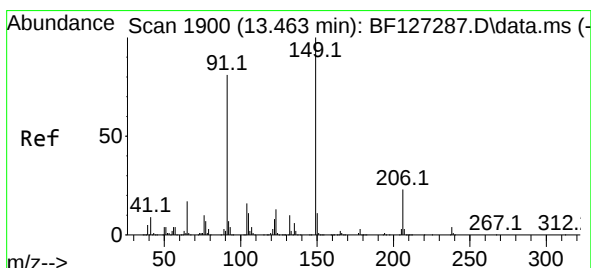
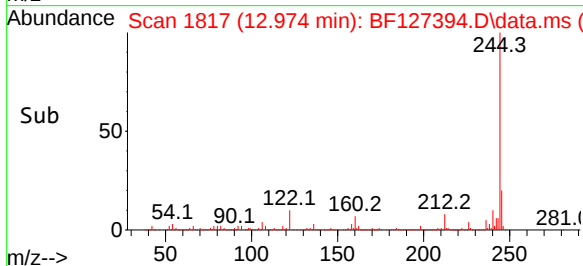
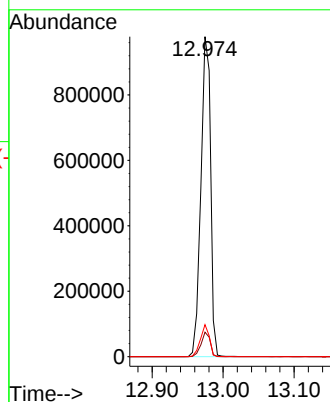
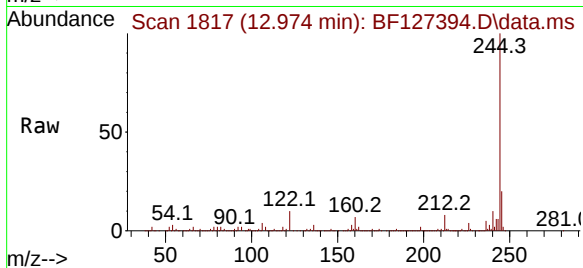
Tgt Ion:244 Resp: 931091

Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.4#

122 10.0 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 40.161 ng

RT: 13.451 min Scan# 1898

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

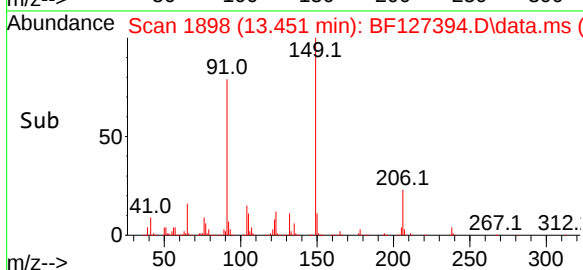
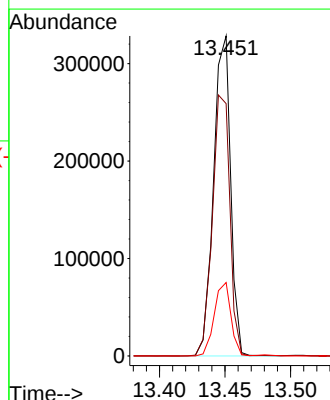
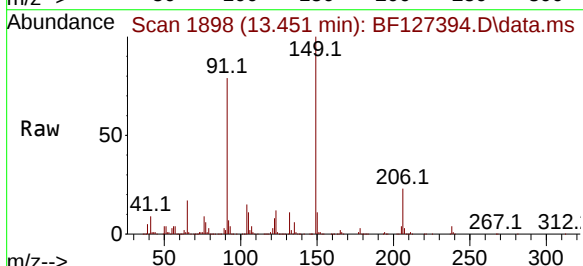
Tgt Ion:149 Resp: 296515

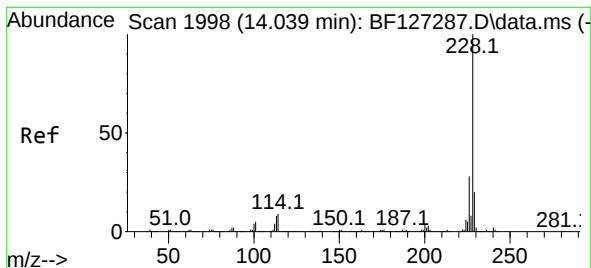
Ion Ratio Lower Upper

149 100

91 78.8 70.5 105.7

206 22.9 12.6 19.0#





#81

Benzo(a)anthracene

Concen: 38.956 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

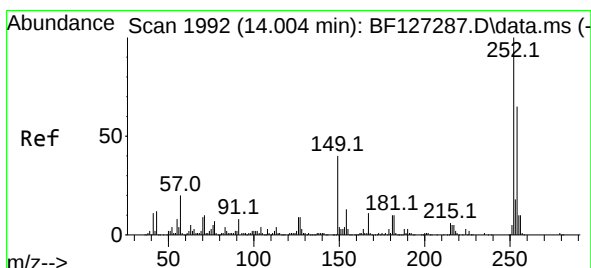
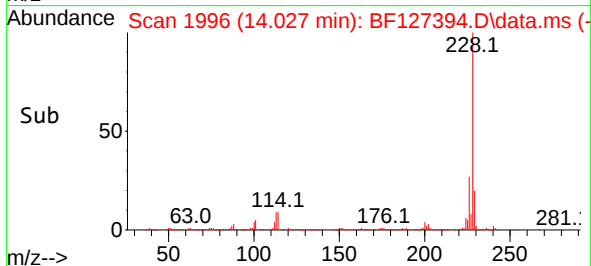
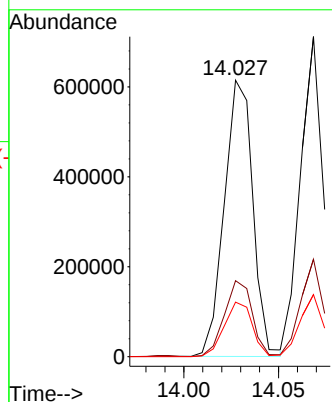
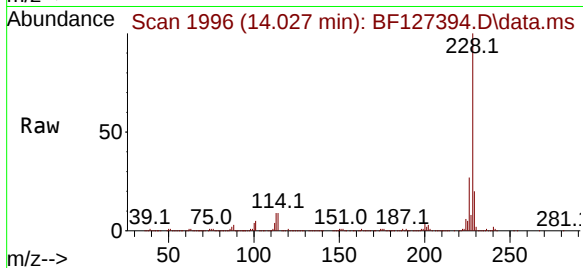
Tgt Ion:228 Resp: 646039

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.0

229 19.8 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 24.299 ng

RT: 13.992 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

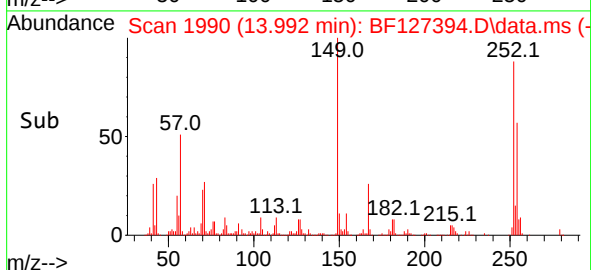
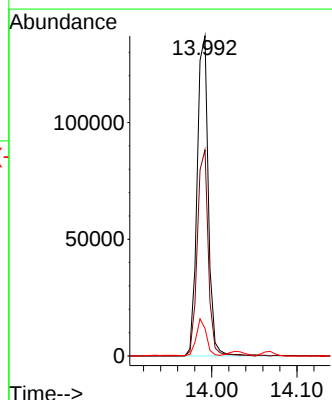
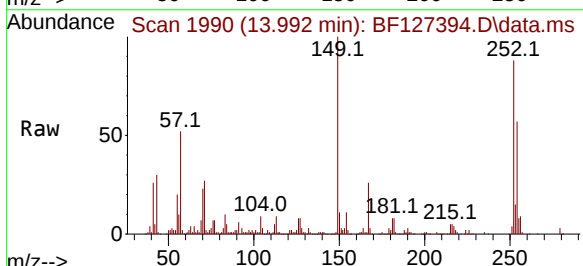
Tgt Ion:252 Resp: 125296

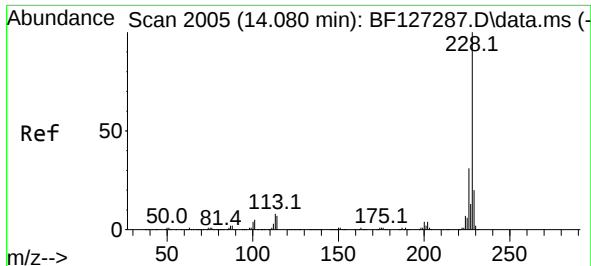
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.4

126 8.6 13.4 20.0#

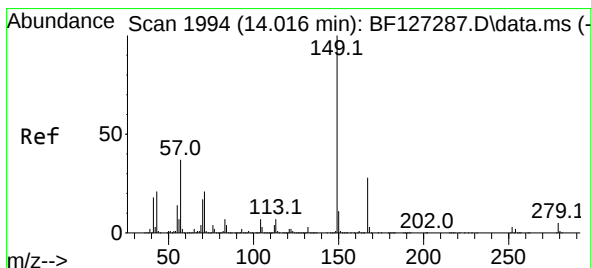
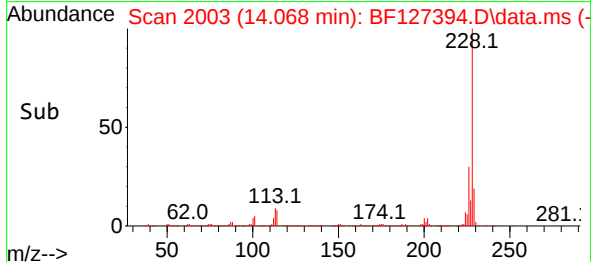
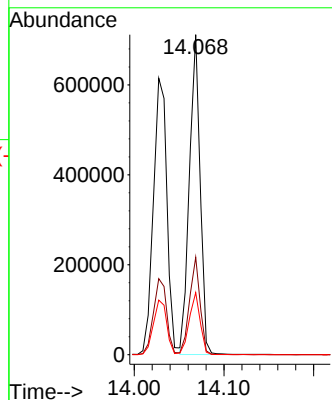
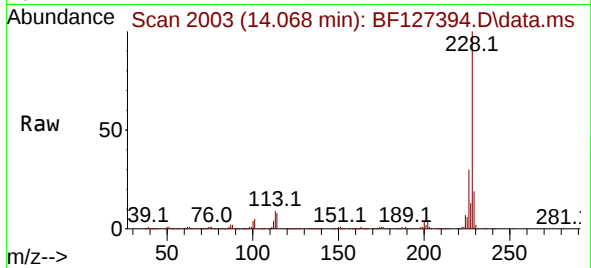




#83  
Chrysene  
Concen: 38.399 ng  
RT: 14.068 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

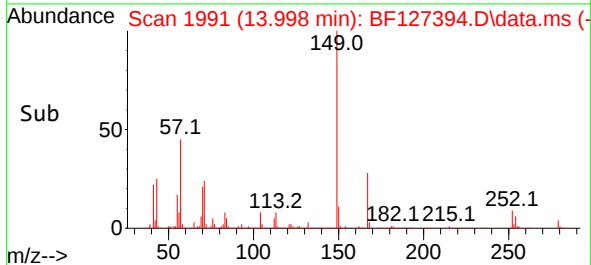
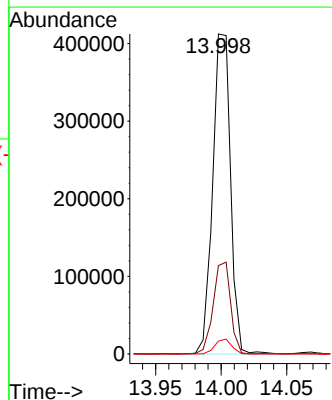
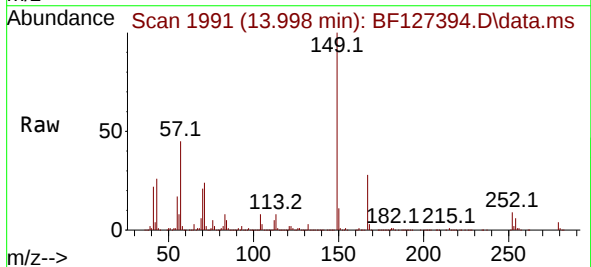
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

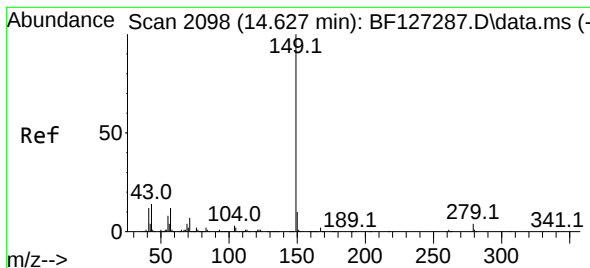
Tgt Ion:228 Resp: 592287  
Ion Ratio Lower Upper  
228 100  
226 30.5 23.7 35.5  
229 19.4 15.5 23.3



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.309 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:149 Resp: 390679  
Ion Ratio Lower Upper  
149 100  
167 27.6 21.4 32.2  
279 4.0 2.4 3.6

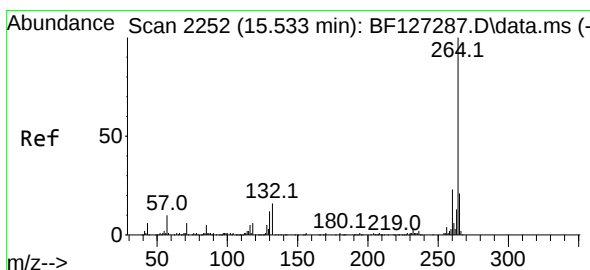
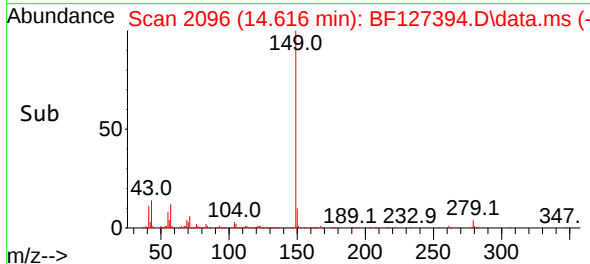
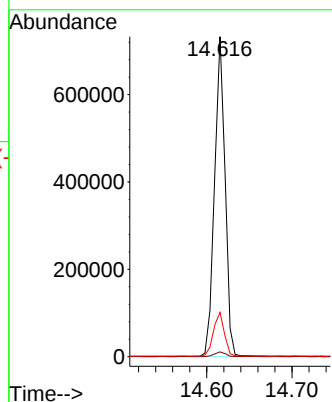
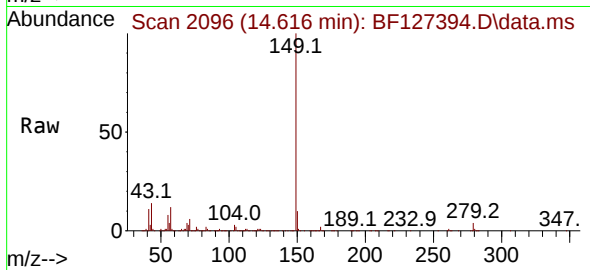




#85  
Di-n-octyl phthalate  
Concen: 41.921 ng  
RT: 14.616 min Scan# 2096  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

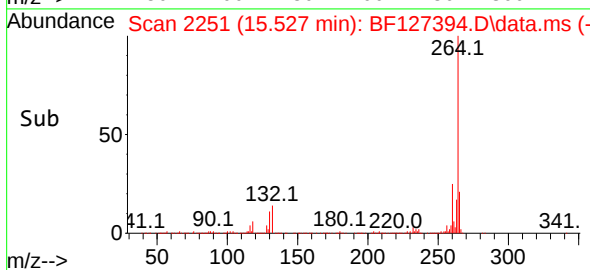
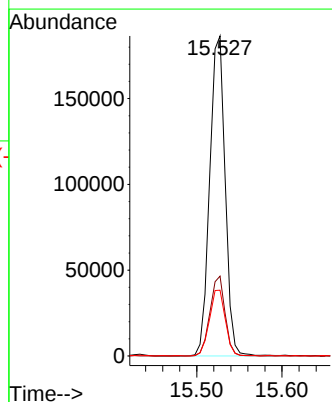
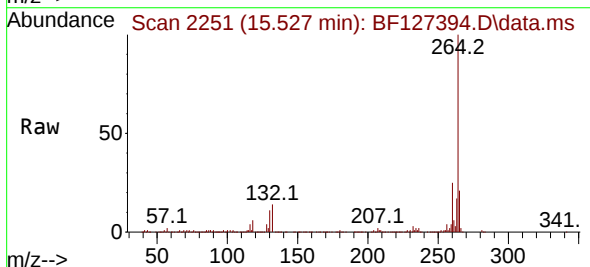
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

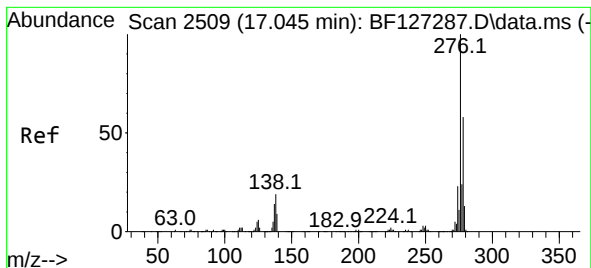
Tgt Ion:149 Resp: 630602  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 14.0 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.527 min Scan# 2251  
Delta R.T. 0.006 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:264 Resp: 234680  
Ion Ratio Lower Upper  
264 100  
260 24.9 19.2 28.8  
265 20.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.130 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA\_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

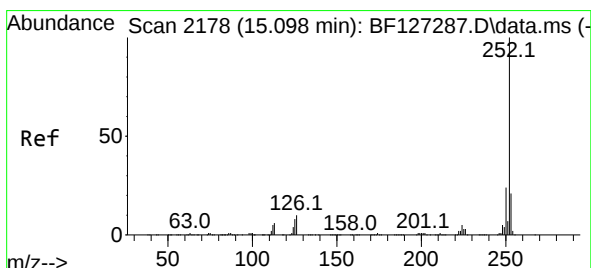
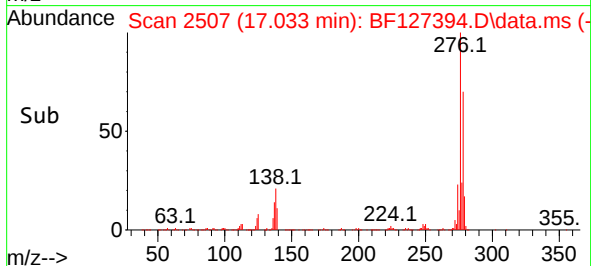
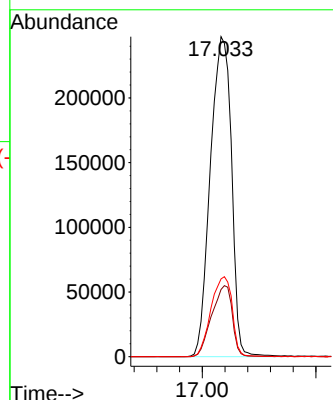
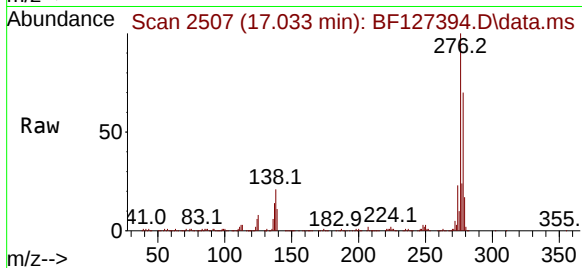
Tgt Ion:276 Resp: 638028

Ion Ratio Lower Upper

276 100

138 21.6 29.2 43.8#

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 39.446 ng

RT: 15.086 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

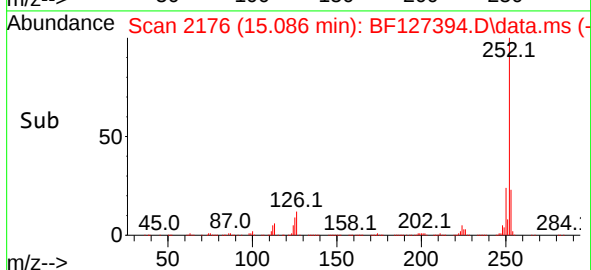
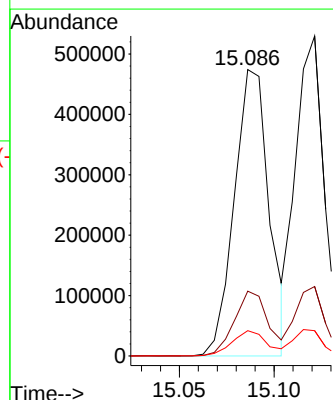
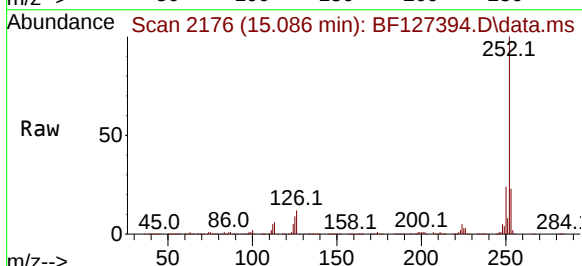
Tgt Ion:252 Resp: 607644

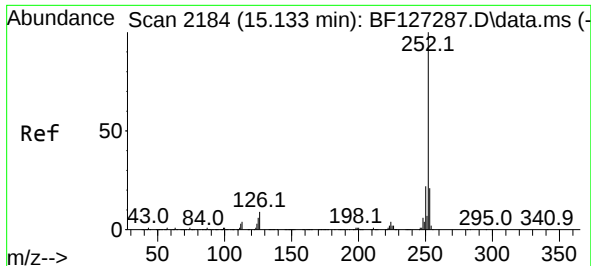
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 8.8 12.4 18.6#

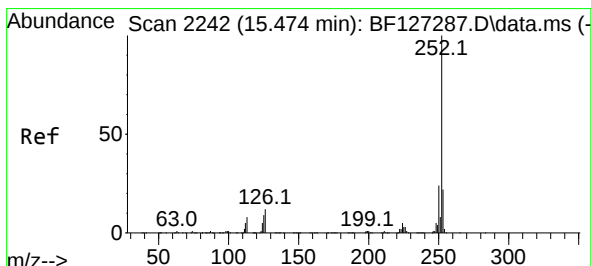
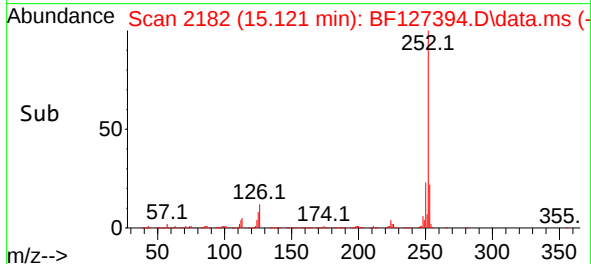
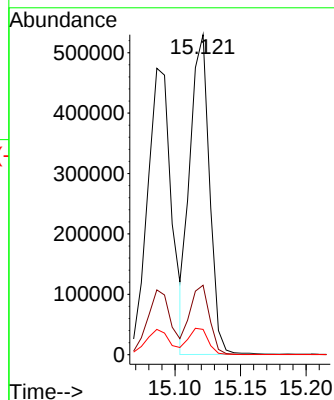
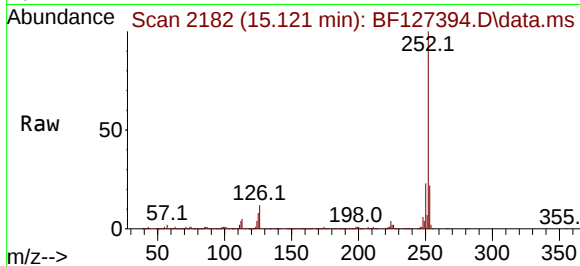




#89  
Benzo(k)fluoranthene  
Concen: 37.876 ng  
RT: 15.121 min Scan# 2184  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

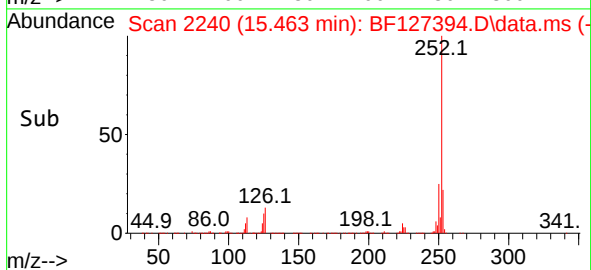
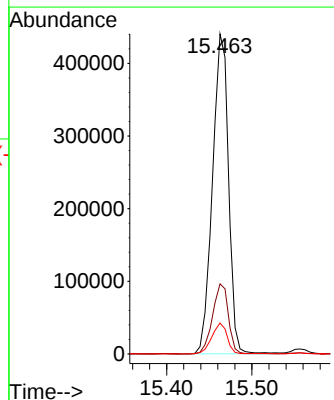
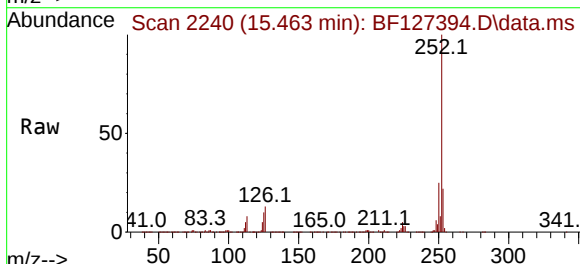
Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

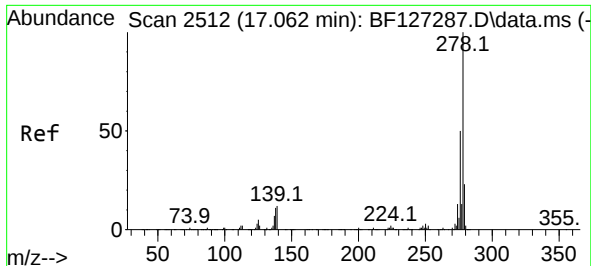
Tgt Ion:252 Resp: 548601  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 7.9 11.8 17.6#



#90  
Benzo(a)pyrene  
Concen: 47.409 ng  
RT: 15.463 min Scan# 2240  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:252 Resp: 575090  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 9.6 13.0 19.6#

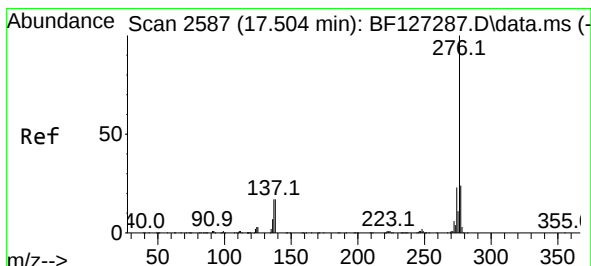
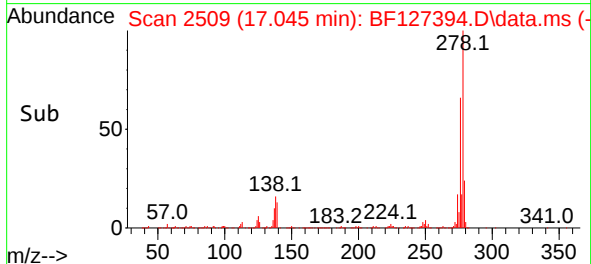
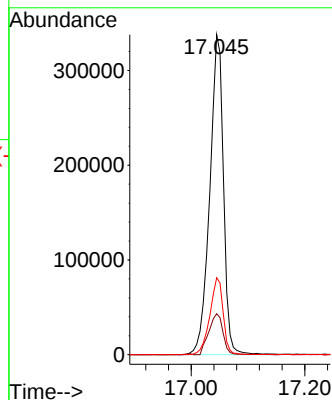
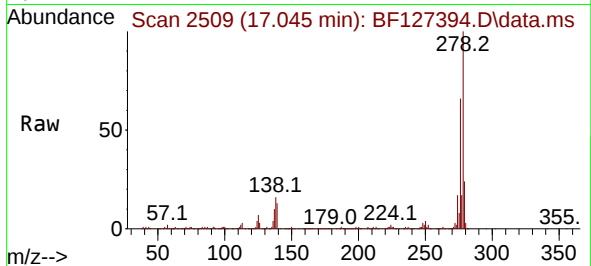




#91  
Dibenzo(a,h)anthracene  
Concen: 47.922 ng  
RT: 17.045 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Instrument :  
BNA\_F  
ClientSampleId :  
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:278 Resp: 563878  
Ion Ratio Lower Upper  
278 100  
139 12.8 18.0 27.0#  
279 24.1 18.6 27.8



#92  
Benzo(g,h,i)perylene  
Concen: 49.411 ng  
RT: 17.492 min Scan# 2585  
Delta R.T. 0.000 min  
Lab File: BF127394.D  
Acq: 18 Mar 2022 16:21

Tgt Ion:276 Resp: 567113  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.5 27.7  
138 19.1 25.9 38.9#

