

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032222\  
 Data File : BF127452.D  
 Acq On : 22 Mar 2022 15:18  
 Operator : CG\JU  
 Sample : PB143505BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143505BS

Quant Time: Mar 23 03:01:16 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 22 02:16:33 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 104811   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.133  | 136  | 391448   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 226296   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.380 | 188  | 385791   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 263960   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 191083   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 802162   | 122.165 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.492  | 99   | 1095034  | 122.003 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 755555   | 82.506  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 276401   | 114.659 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 1245595  | 80.375  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.968 | 244  | 1363723  | 84.575  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 117127   | 40.614  | ng    | 97       |
| 3) Pyridine                   | 3.475  | 79   | 311223   | 38.235  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.451  | 42   | 213611   | 47.797  | ng    | 96       |
| 6) Aniline                    | 6.516  | 93   | 446429   | 41.680  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.639  | 128  | 326365   | 48.638  | ng    | 98       |
| 9) Benzaldehyde               | 6.404  | 77   | 205952   | 45.756  | ng    | 99       |
| 10) Phenol                    | 6.504  | 94   | 451645   | 46.206  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.586  | 93   | 350893   | 49.060  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.786  | 146  | 339438   | 44.976  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 344274   | 45.350  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 324227   | 43.851  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 316618   | 48.540  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 591781   | 45.980  | ng    | 93       |
| 17) 2-Methylphenol            | 7.110  | 107  | 270684   | 47.800  | ng    | 95       |
| 18) Hexachloroethane          | 7.357  | 117  | 129951   | 46.758  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 253313   | 47.084  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 318810   | 45.644  | ng    | # 89     |
| 22) Acetophenone              | 7.263  | 105  | 441329   | 44.105  | ng    | 96       |
| 24) Nitrobenzene              | 7.439  | 77   | 400675   | 45.879  | ng    | 98       |
| 25) Isophorone                | 7.675  | 82   | 740244   | 50.752  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 168954   | 46.127  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 293465   | 53.263  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.881  | 93   | 427724   | 45.144  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 286218   | 45.760  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 312873   | 42.926  | ng    | 96       |
| 31) Naphthalene               | 8.157  | 128  | 918034   | 44.173  | ng    | 99       |
| 32) Benzoic acid              | 7.951  | 122  | 129696   | 41.845  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 177810   | 22.079  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 199440   | 43.091  | ng    | 97       |
| 35) Caprolactam               | 8.598  | 113  | 48925    | 25.372  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 318839   | 46.983  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 610043   | 45.650  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 584951   | 44.267  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 314268   | 43.677  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 282374   | 100.578 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.127  | 196  | 191728   | 44.082  | ng    | 98       |

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Quant Time: Mar 23 03:01:16 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 22 02:16:33 2022  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.175  | 196  | 204359   | 45.645 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.310  | 154  | 745139   | 43.598 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.339  | 162  | 585675   | 43.516 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.445  | 65   | 231902   | 44.958 | ng    | 97       |
| 49) Acenaphthylene             | 9.757  | 152  | 933225   | 45.866 | ng    | 99       |
| 50) Dimethylphthalate          | 9.616  | 163  | 701889   | 44.584 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.686  | 165  | 153173   | 46.351 | ng    | 94       |
| 52) Acenaphthene               | 9.927  | 154  | 520087   | 43.810 | ng    | 97       |
| 53) 3-Nitroaniline             | 9.857  | 138  | 108116   | 29.825 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.969  | 184  | 109965   | 67.462 | ng    | # 87     |
| 55) Dibenzofuran               | 10.098 | 168  | 772374   | 45.097 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.033 | 139  | 151884   | 82.321 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.092 | 165  | 188890   | 44.407 | ng    | 94       |
| 58) Fluorene                   | 10.445 | 166  | 621615   | 45.211 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.222 | 232  | 164389   | 41.530 | ng    | 98       |
| 60) Diethylphthalate           | 10.316 | 149  | 612859   | 42.621 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.427 | 204  | 329446   | 40.490 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.480 | 138  | 142602   | 41.997 | ng    | 97       |
| 63) Azobenzene                 | 10.592 | 77   | 710361   | 41.868 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph...  | 10.504 | 198  | 92718    | 39.058 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.557 | 169  | 535646   | 45.611 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.922 | 248  | 203461   | 45.172 | ng    | 95       |
| 68) Hexachlorobenzene          | 10.986 | 284  | 229048   | 46.587 | ng    | 97       |
| 69) Atrazine                   | 11.080 | 200  | 196902   | 50.364 | ng    | 97       |
| 70) Pentachlorophenol          | 11.192 | 266  | 156214   | 82.100 | ng    | 97       |
| 71) Phenanthrene               | 11.410 | 178  | 894075   | 44.453 | ng    | 100      |
| 72) Anthracene                 | 11.463 | 178  | 915846   | 45.886 | ng    | 99       |
| 73) Carbazole                  | 11.621 | 167  | 819027   | 42.909 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.933 | 149  | 900171   | 45.560 | ng    | 99       |
| 75) Fluoranthene               | 12.598 | 202  | 1001253  | 45.260 | ng    | 98       |
| 77) Benzidine                  | 12.721 | 184  | 431995   | 68.638 | ng    | 100      |
| 78) Pyrene                     | 12.827 | 202  | 1001117  | 44.192 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.439 | 149  | 359492   | 48.216 | ng    | 91       |
| 81) Benzo(a)anthracene         | 14.021 | 228  | 814217   | 46.125 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.980 | 252  | 154538   | 29.788 | ng    | # 96     |
| 83) Chrysene                   | 14.057 | 228  | 740969   | 44.328 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 13.986 | 149  | 457517   | 53.084 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.598 | 149  | 648949   | 56.583 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 17.015 | 276  | 590532   | 45.672 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.074 | 252  | 571895   | 47.467 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.104 | 252  | 584398   | 46.789 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.445 | 252  | 547665   | 55.388 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 17.021 | 278  | 516009   | 48.338 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.468 | 276  | 523585   | 47.453 | ng    | 99       |

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

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QLast Update : Tue Mar 22 02:16:33 2022  
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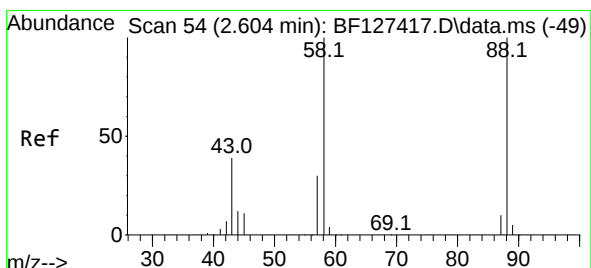
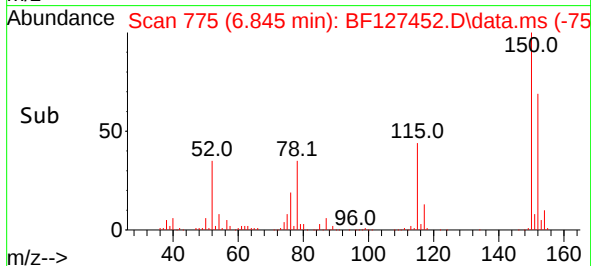
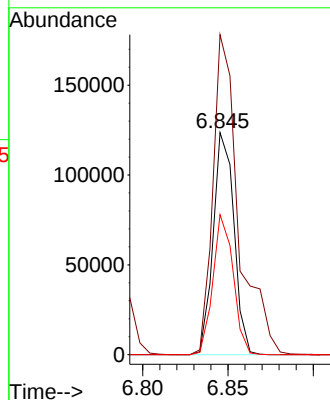
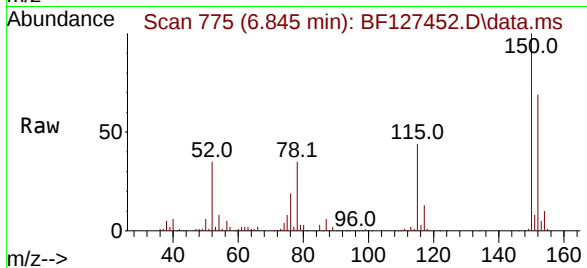




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.845 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF127452.D  
 Acq: 22 Mar 2022 15:18

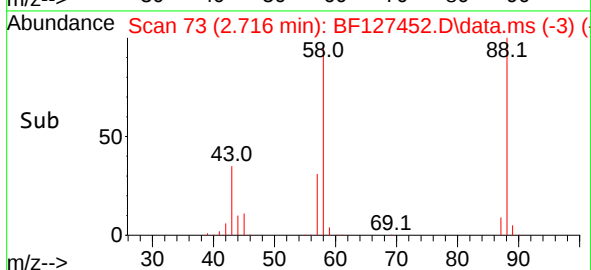
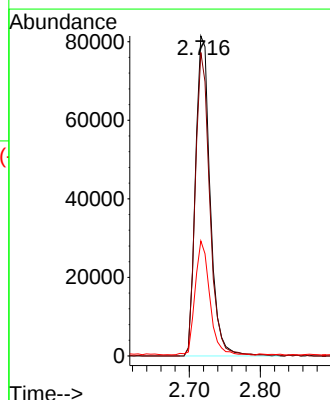
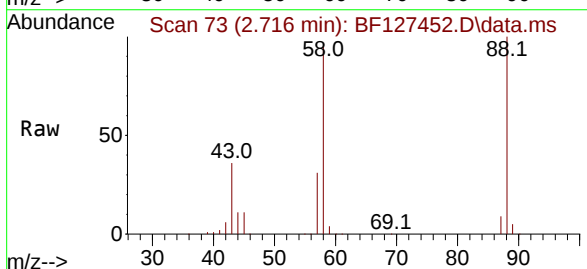
Instrument :  
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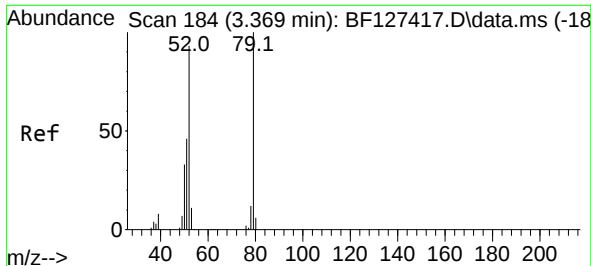
Tgt Ion:152 Resp: 104811  
 Ion Ratio Lower Upper  
 152 100  
 150 144.0 117.2 175.8  
 115 63.0 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 40.614 ng  
 RT: 2.716 min Scan# 73  
 Delta R.T. 0.112 min  
 Lab File: BF127452.D  
 Acq: 22 Mar 2022 15:18

Tgt Ion: 88 Resp: 117127  
 Ion Ratio Lower Upper  
 88 100  
 58 93.7 77.0 115.4  
 43 35.6 31.3 46.9





#3

Pyridine

Concen: 38.235 ng

RT: 3.475 min Scan# 20

Delta R.T. 0.106 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

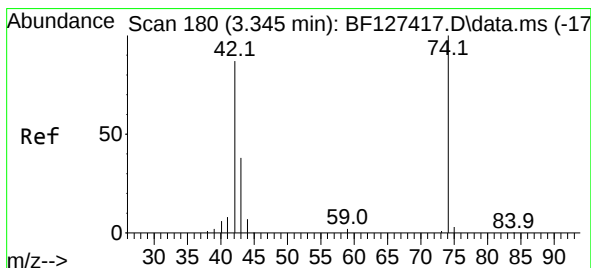
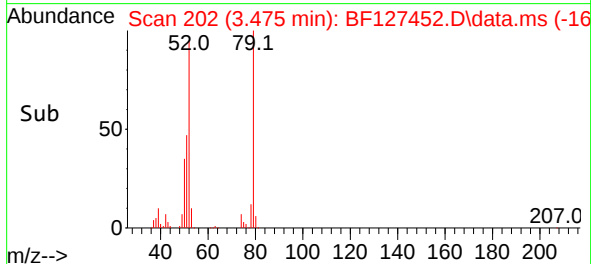
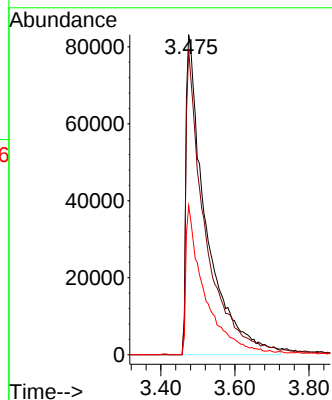
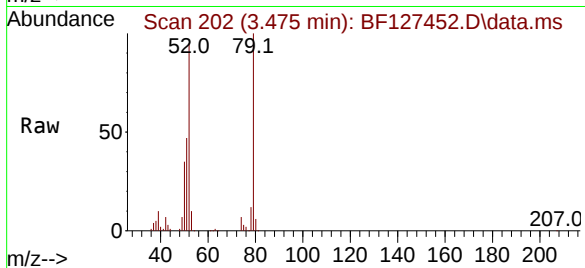
Tgt Ion: 79 Resp: 311223

Ion Ratio Lower Upper

79 100

52 95.2 74.2 111.4

51 46.5 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 47.797 ng

RT: 3.451 min Scan# 198

Delta R.T. 0.106 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

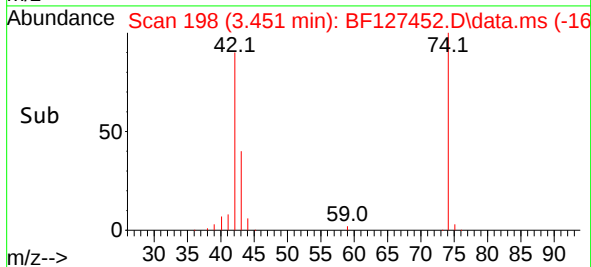
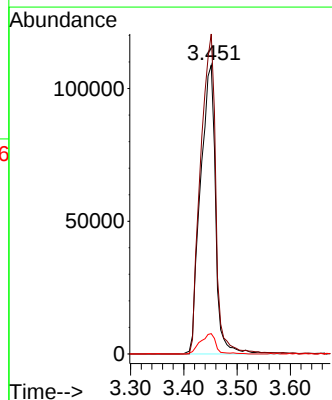
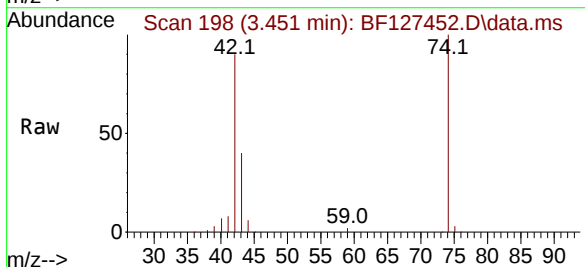
Tgt Ion: 42 Resp: 213611

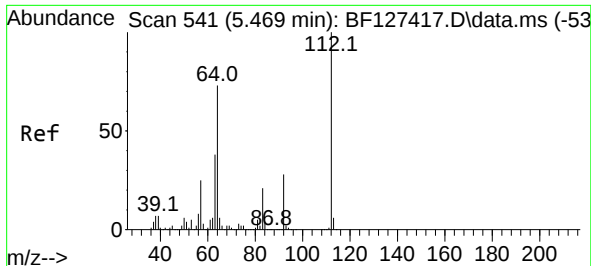
Ion Ratio Lower Upper

42 100

74 110.8 92.4 138.6

44 7.0 6.0 9.0

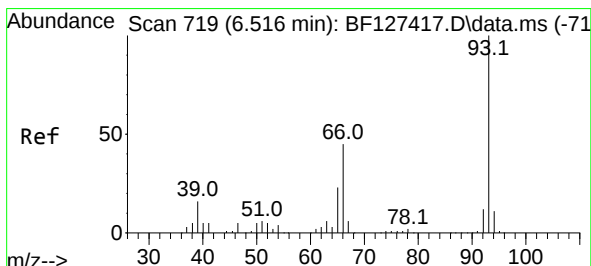
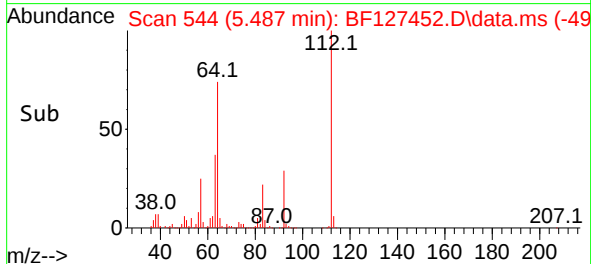
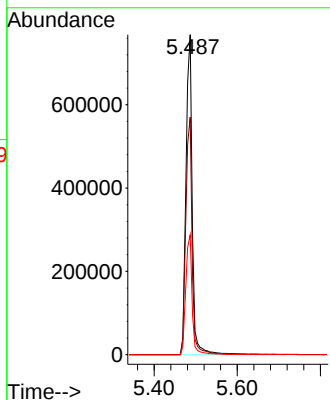
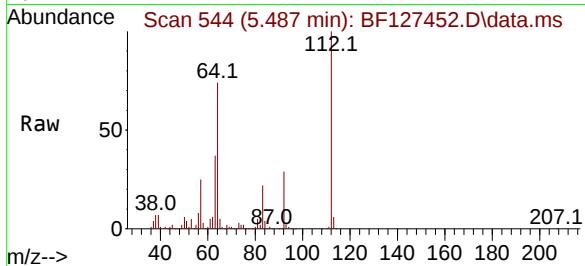




#5  
2-Fluorophenol  
Concen: 122.165 ng  
RT: 5.487 min Scan# 541  
Delta R.T. 0.018 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

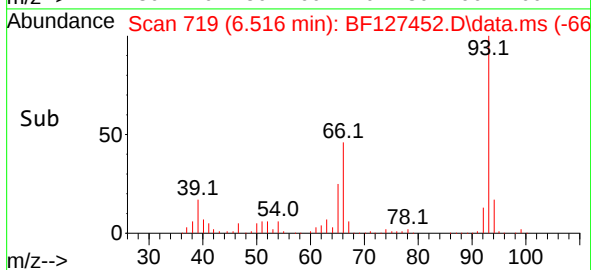
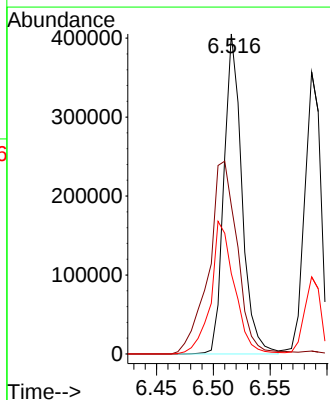
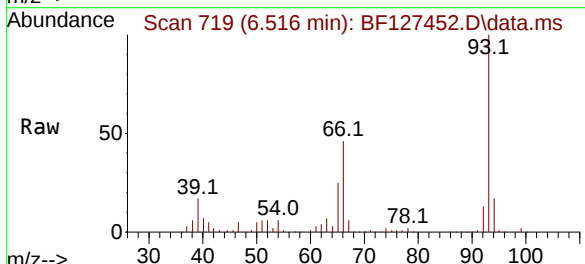
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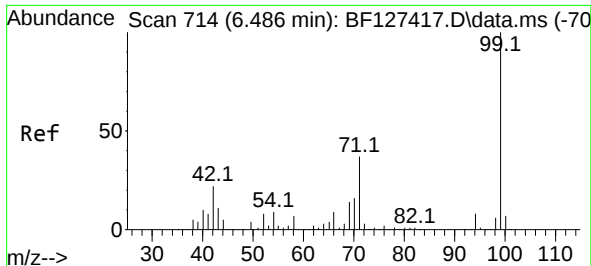
Tgt Ion:112 Resp: 802162  
Ion Ratio Lower Upper  
112 100  
64 74.2 58.4 87.6  
63 37.4 30.1 45.1



#6  
Aniline  
Concen: 41.680 ng  
RT: 6.516 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
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Tgt Ion: 93 Resp: 446429  
Ion Ratio Lower Upper  
93 100  
66 46.4 36.2 54.4  
65 25.1 18.4 27.6

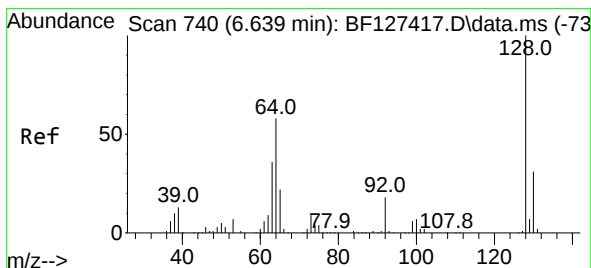
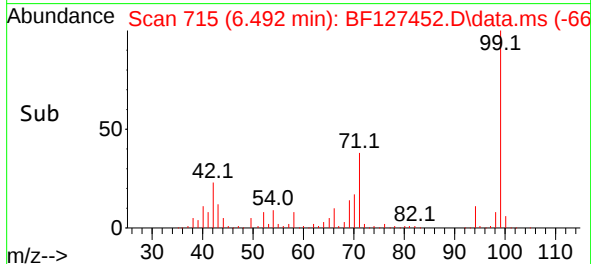
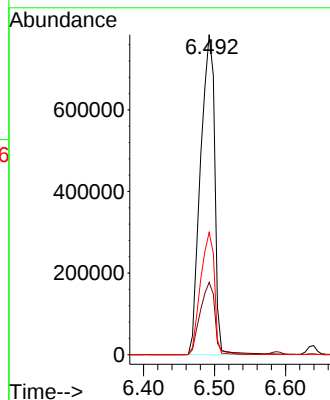
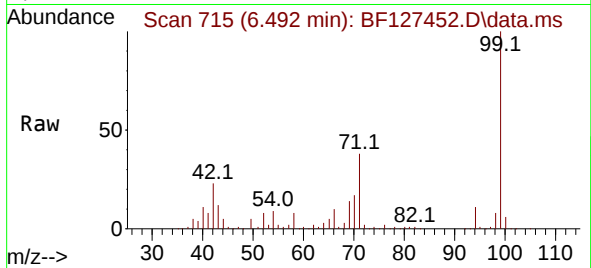




#7  
Phenol-d6  
Concen: 122.003 ng  
RT: 6.492 min Scan# 714  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

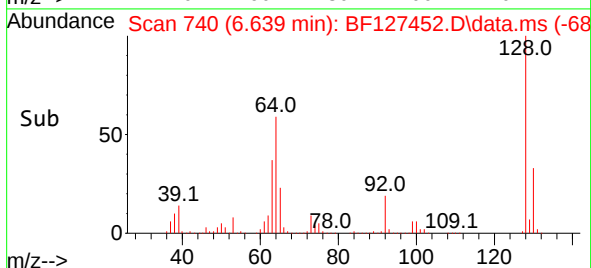
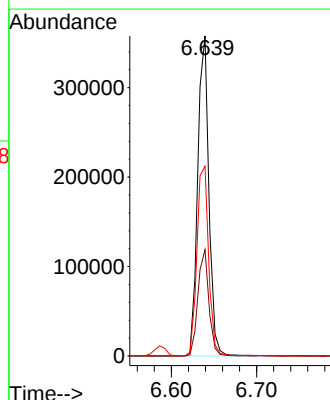
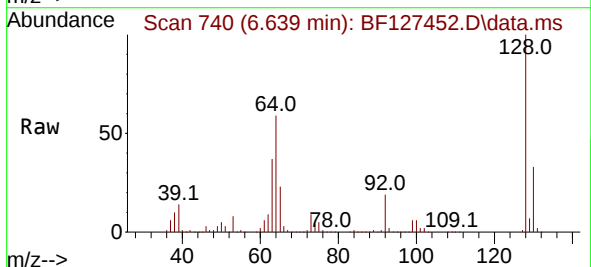
Instrument :  
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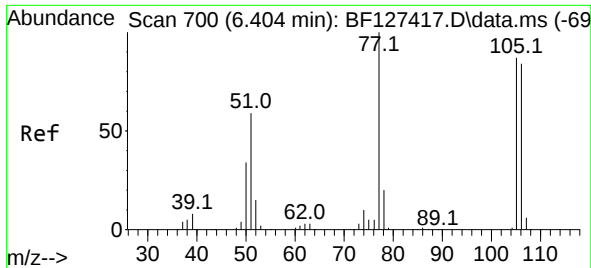
Tgt Ion: 99 Resp: 1095034  
Ion Ratio Lower Upper  
99 100  
42 22.6 17.8 26.6  
71 38.2 29.6 44.4



#8  
2-Chlorophenol  
Concen: 48.638 ng  
RT: 6.639 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
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Tgt Ion:128 Resp: 326365  
Ion Ratio Lower Upper  
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130 33.2 11.3 51.3  
64 59.3 38.4 78.4

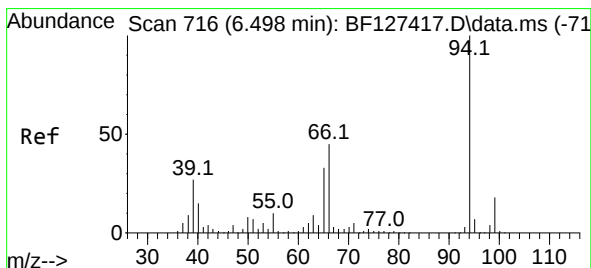
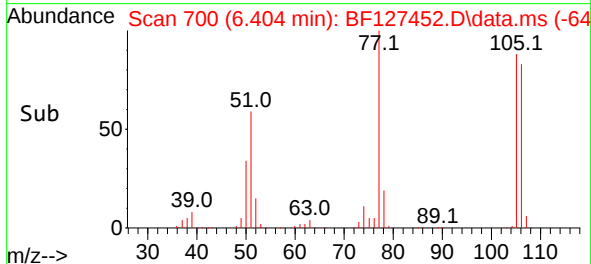
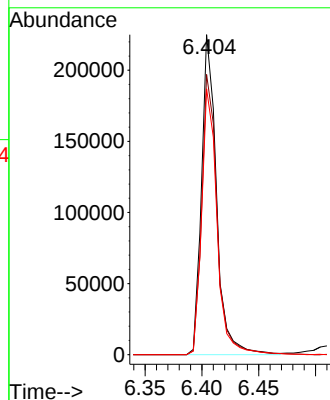
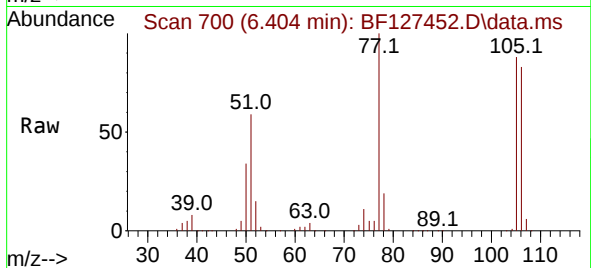




#9  
Benzaldehyde  
Concen: 45.756 ng  
RT: 6.404 min Scan# 700  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

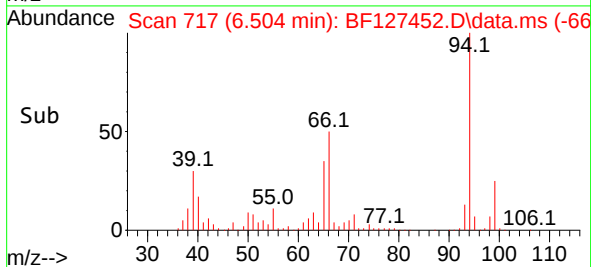
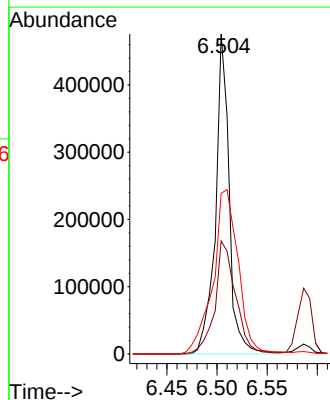
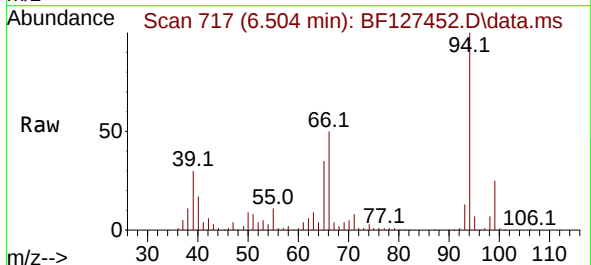
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

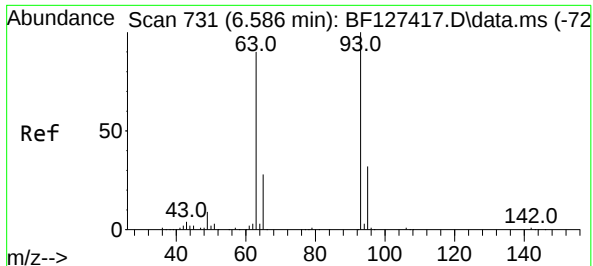
Tgt Ion: 77 Resp: 205952  
Ion Ratio Lower Upper  
77 100  
105 87.6 66.8 106.8  
106 83.1 64.3 104.3



#10  
Phenol  
Concen: 46.206 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion: 94 Resp: 451645  
Ion Ratio Lower Upper  
94 100  
65 35.3 13.1 53.1  
66 50.2 24.9 64.9

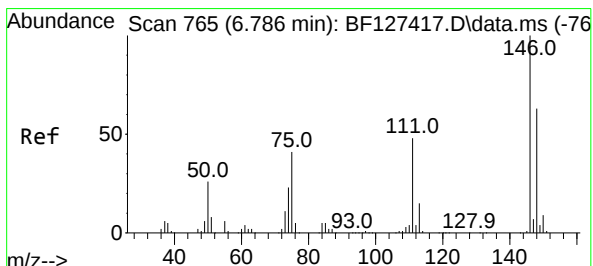
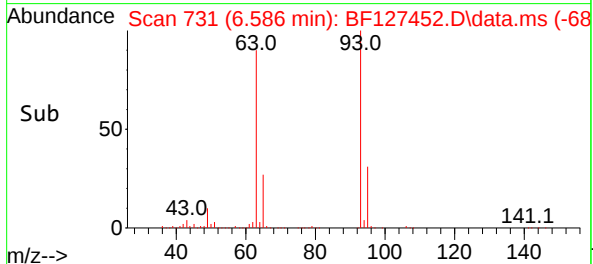
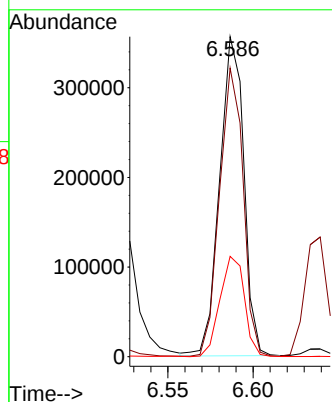
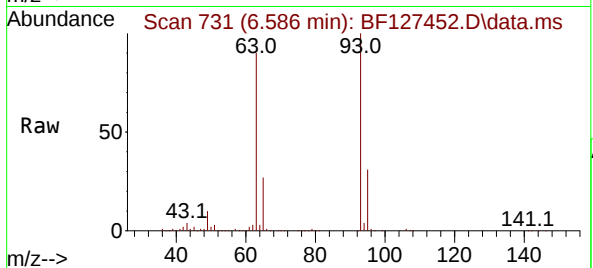




#11  
bis(2-Chloroethyl)ether  
Concen: 49.060 ng  
RT: 6.586 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

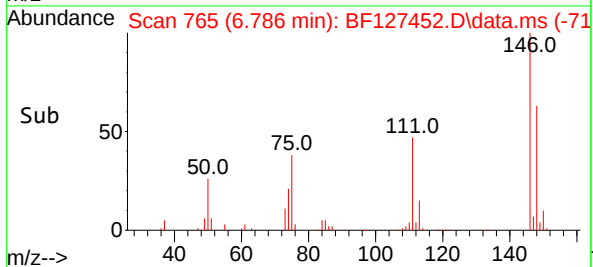
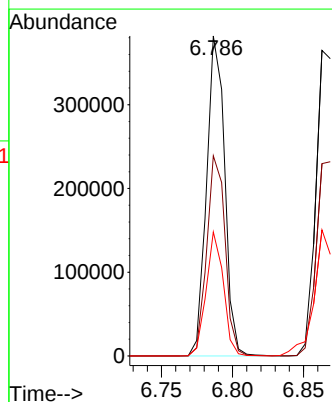
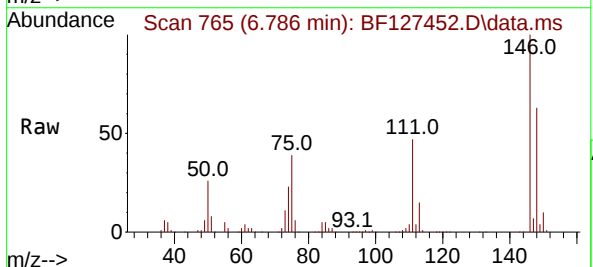
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

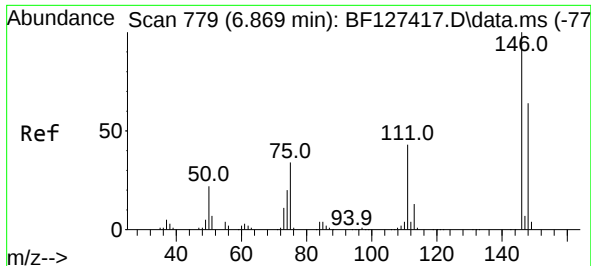
Tgt Ion: 93 Resp: 350893  
Ion Ratio Lower Upper  
93 100  
63 90.2 69.6 109.6  
95 31.3 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 44.976 ng  
RT: 6.786 min Scan# 765  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:146 Resp: 339438  
Ion Ratio Lower Upper  
146 100  
148 62.5 50.6 76.0  
75 38.7 32.4 48.6

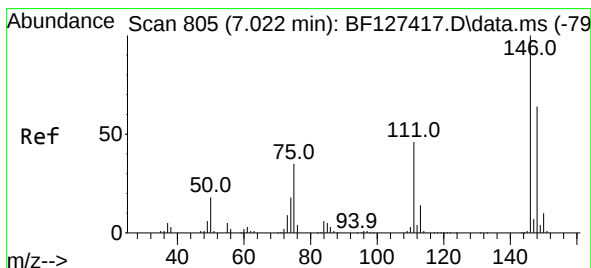
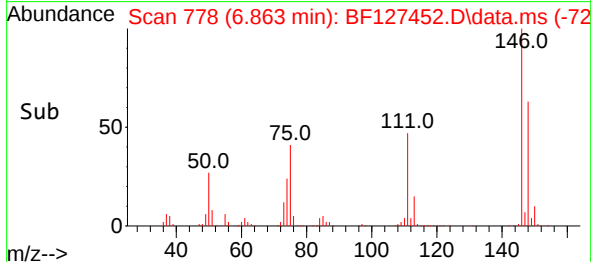
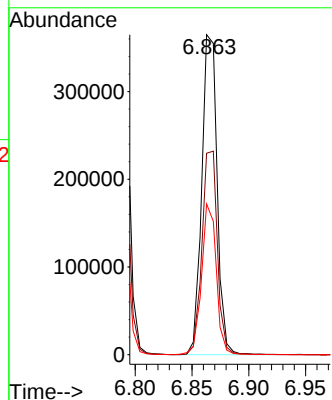
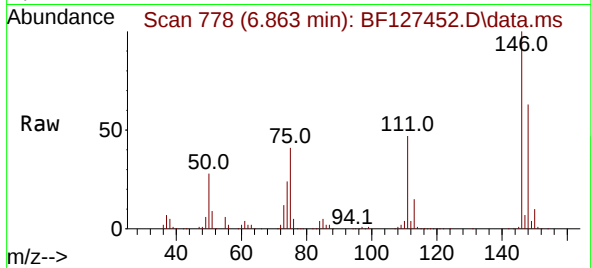




#13  
1,4-Dichlorobenzene  
Concen: 45.350 ng  
RT: 6.863 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

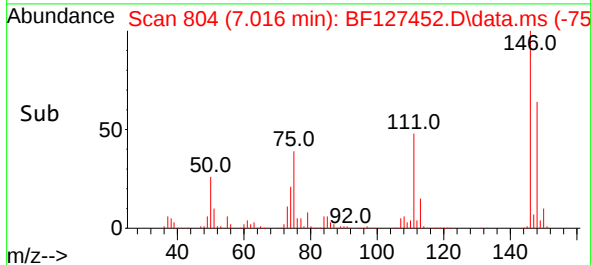
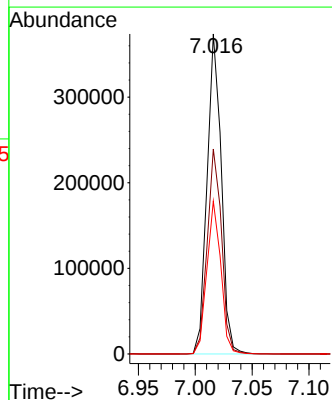
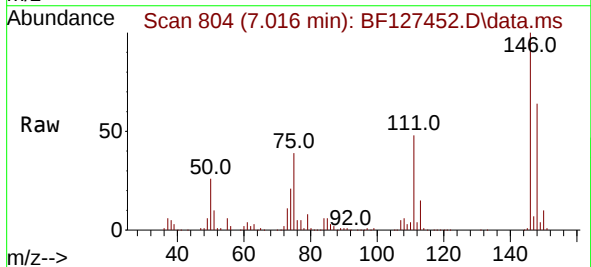
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

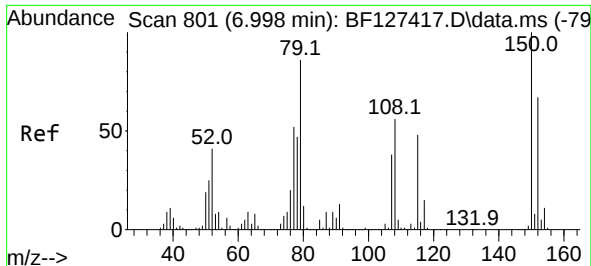
Tgt Ion:146 Resp: 344274  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.3 76.9  
111 47.1 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 43.851 ng  
RT: 7.016 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:146 Resp: 324227  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.4 77.2  
111 47.8 36.4 54.6





#15

Benzyl Alcohol

Concen: 48.540 ng

RT: 6.998 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

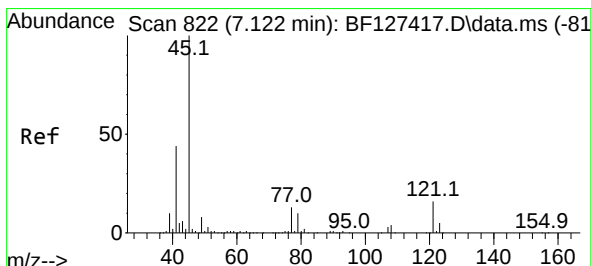
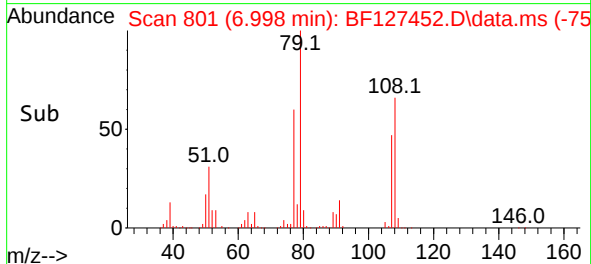
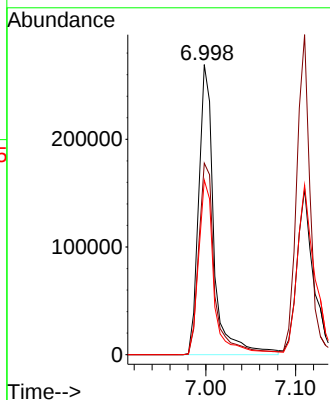
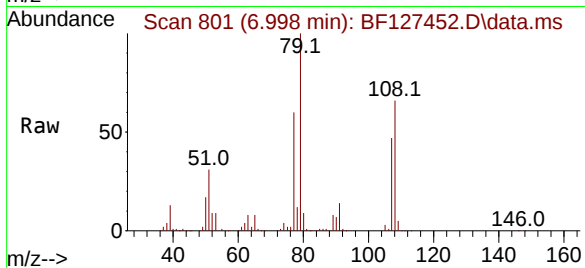
Tgt Ion: 79 Resp: 316618

Ion Ratio Lower Upper

79 100

108 66.0 52.2 78.2

77 60.1 48.3 72.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.980 ng

RT: 7.122 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

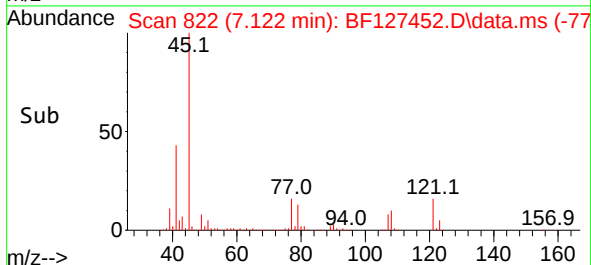
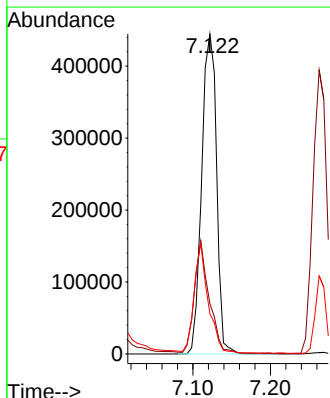
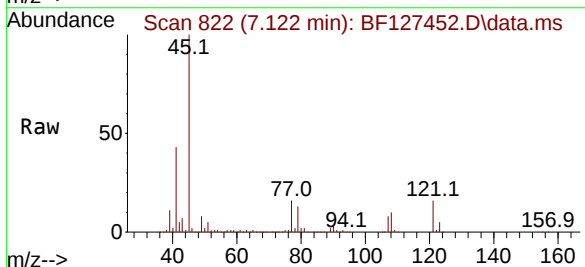
Tgt Ion: 45 Resp: 591781

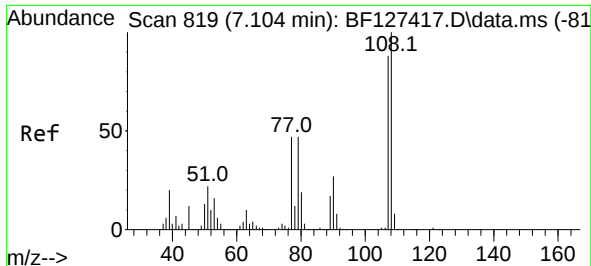
Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.9

79 12.6 0.0 29.9





#17

2-Methylphenol

Concen: 47.800 ng

RT: 7.110 min Scan# 819

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

Tgt Ion:107 Resp: 270684

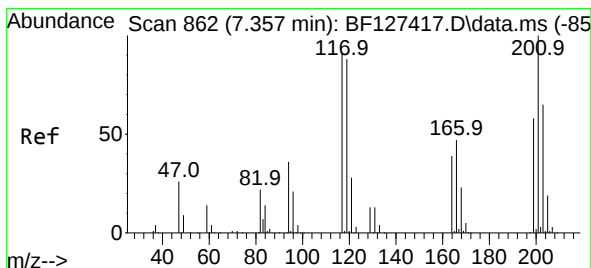
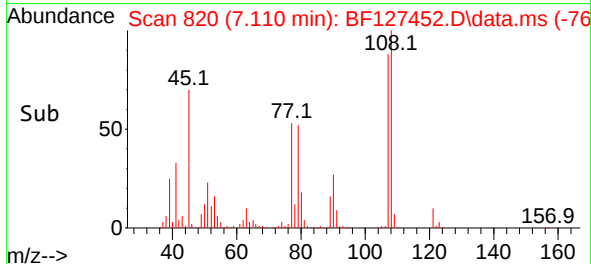
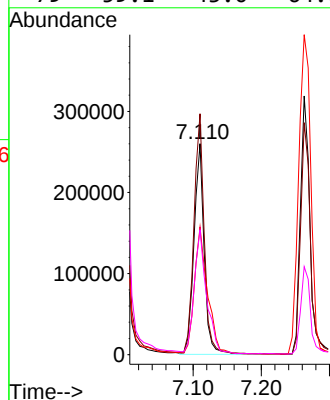
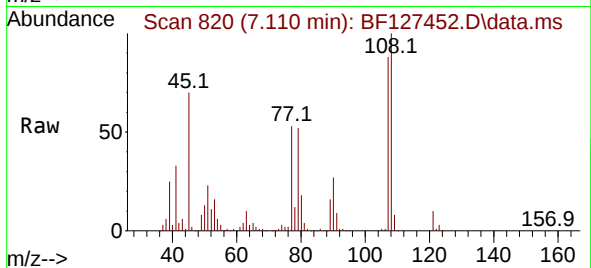
Ion Ratio Lower Upper

107 100

108 114.1 90.7 136.1

77 60.5 42.9 64.3

79 59.1 43.0 64.6



#18

Hexachloroethane

Concen: 46.758 ng

RT: 7.357 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

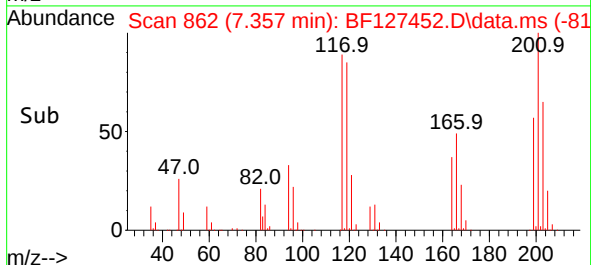
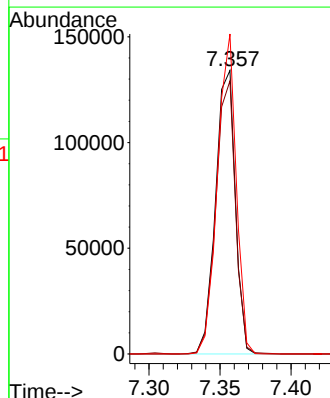
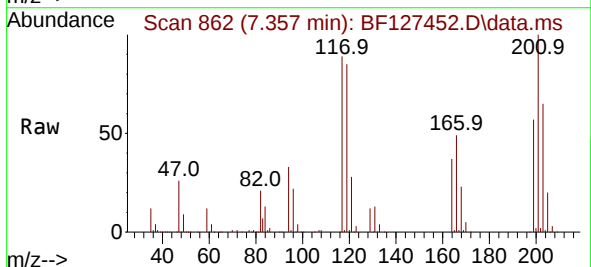
Tgt Ion:117 Resp: 129951

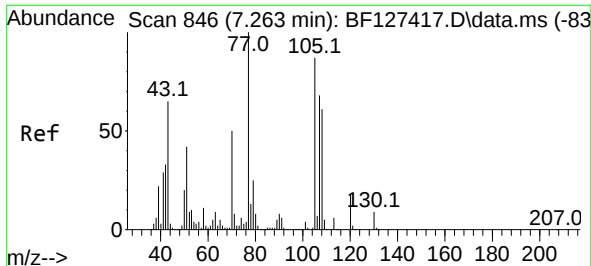
Ion Ratio Lower Upper

117 100

119 96.4 77.6 116.4

201 112.9 88.2 132.2

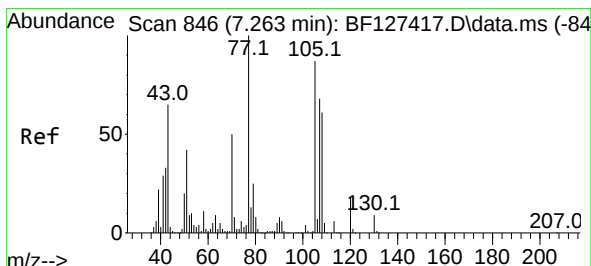
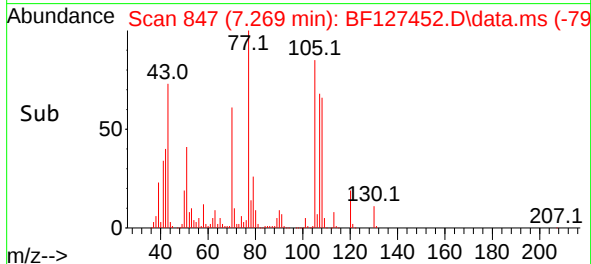
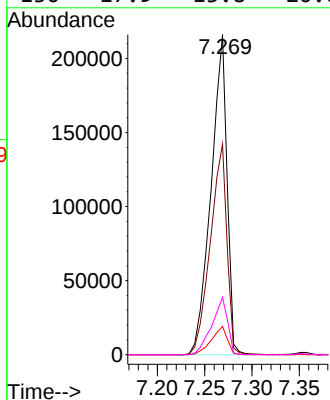
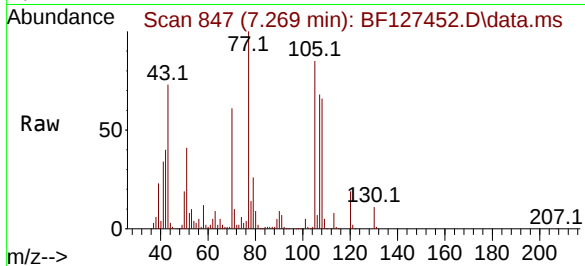




#19  
n-Nitroso-di-n-propylamine  
Concen: 47.084 ng  
RT: 7.269 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

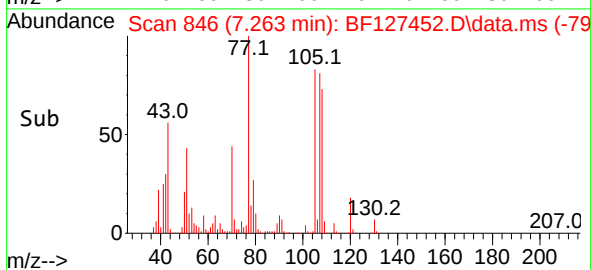
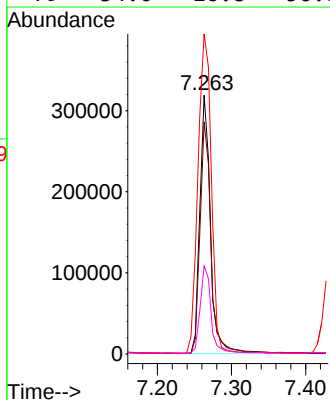
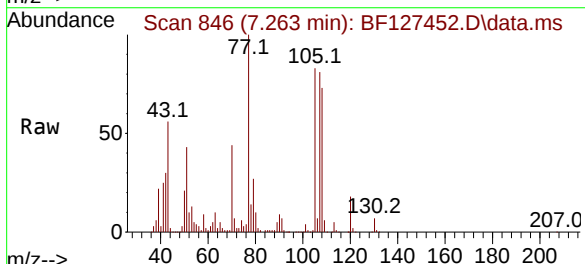
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

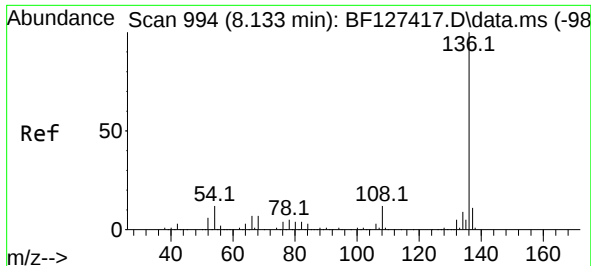
Tgt Ion: 70 Resp: 253313  
Ion Ratio Lower Upper  
70 100  
42 65.8 53.0 79.6  
101 8.8 6.8 10.2  
130 17.9 13.8 20.6



#20  
3+4-Methylphenols  
Concen: 45.644 ng  
RT: 7.263 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:107 Resp: 318810  
Ion Ratio Lower Upper  
107 100  
108 89.7 70.7 110.7  
77 123.7 127.9 167.9#  
79 34.0 16.8 56.8

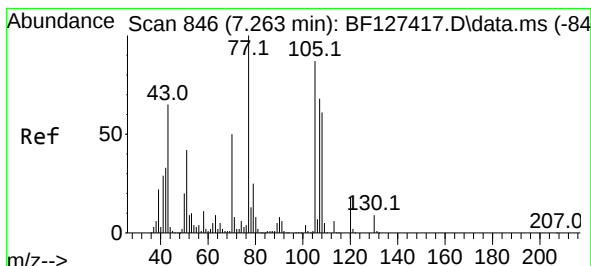
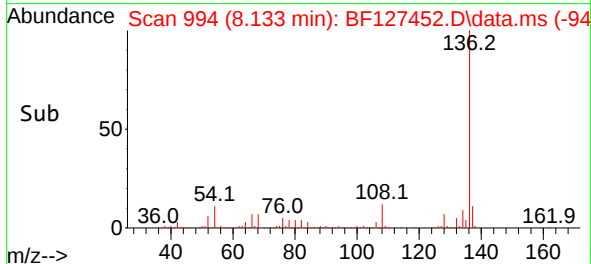
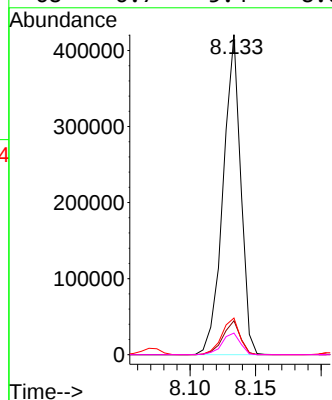
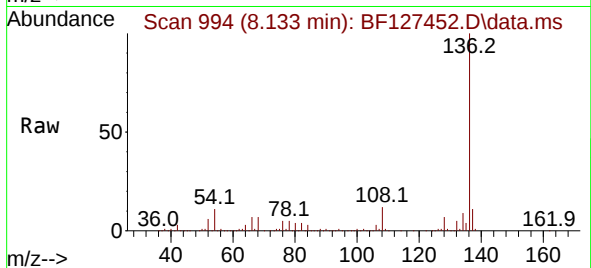




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.133 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

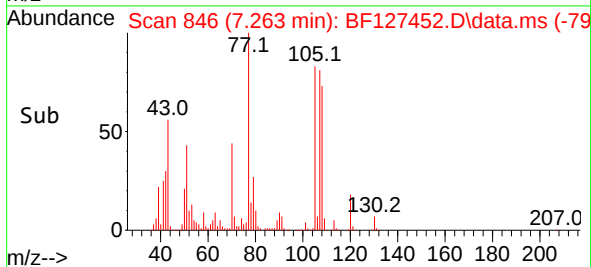
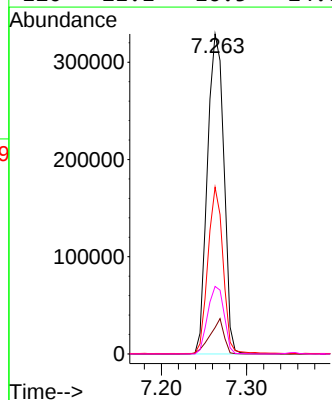
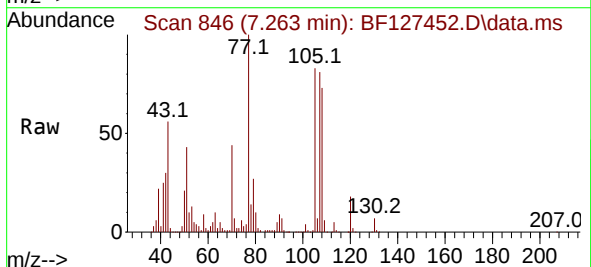
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

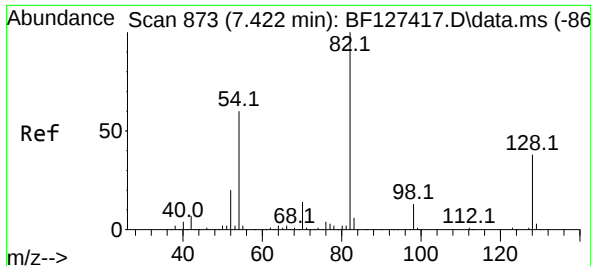
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:136 | Resp: | 391448 |       |
| Ion         | Ratio | Lower  | Upper |
| 136         | 100   |        |       |
| 137         | 10.6  | 8.6    | 13.0  |
| 54          | 11.4  | 9.2    | 13.8  |
| 68          | 6.7   | 5.4    | 8.0   |



#22  
Acetophenone  
Concen: 44.105 ng  
RT: 7.263 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 441329 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 8.3     | 7.3   | 10.9   |
| 51  | 52.1    | 38.8  | 58.2   |
| 120 | 21.1    | 16.5  | 24.7   |





#23

Nitrobenzene-d5

Concen: 82.506 ng

RT: 7.422 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

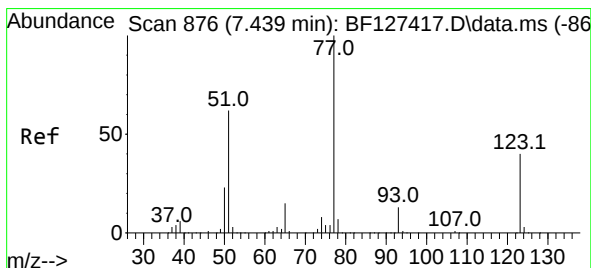
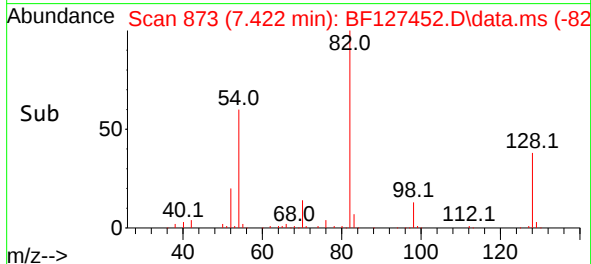
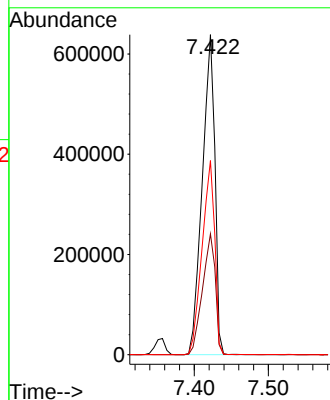
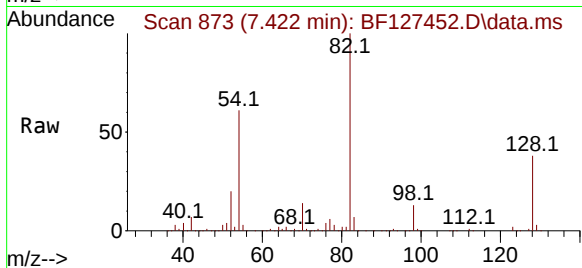
Tgt Ion: 82 Resp: 755555

Ion Ratio Lower Upper

82 100

128 37.7 30.6 45.8

54 60.6 48.2 72.2



#24

Nitrobenzene

Concen: 45.879 ng

RT: 7.439 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

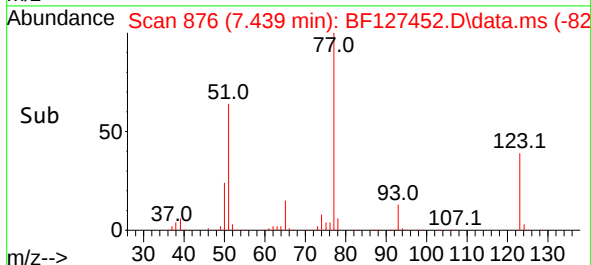
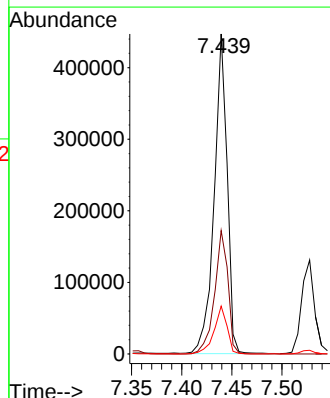
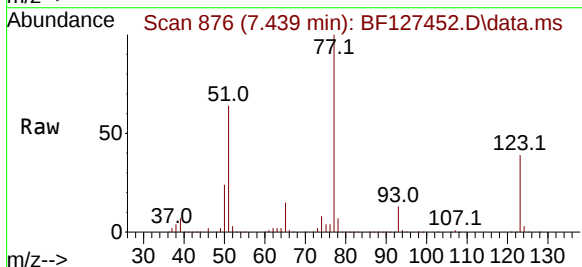
Tgt Ion: 77 Resp: 400675

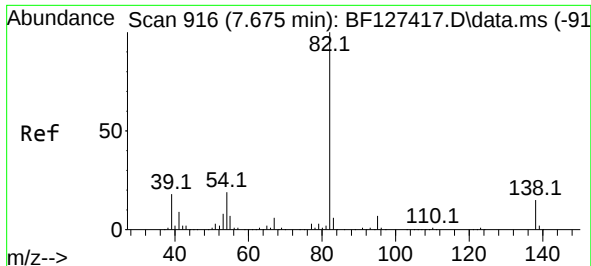
Ion Ratio Lower Upper

77 100

123 38.6 32.0 48.0

65 14.9 12.2 18.2

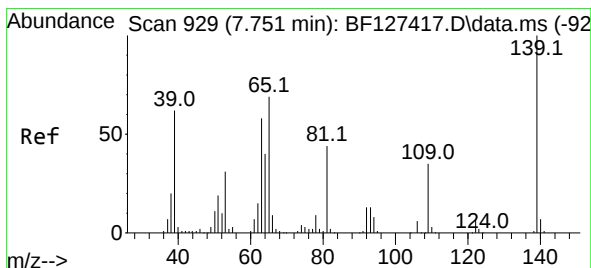
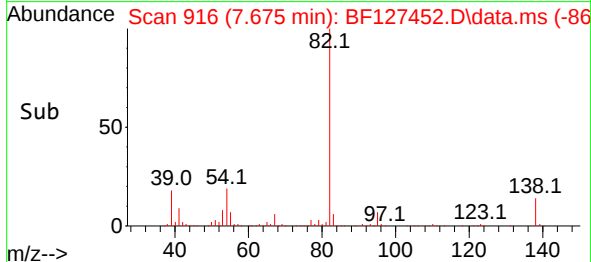
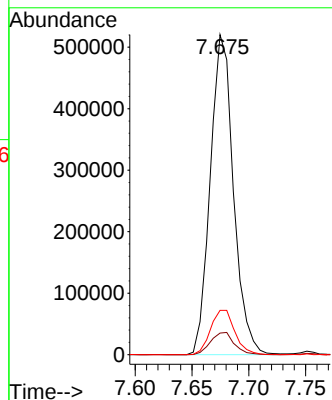
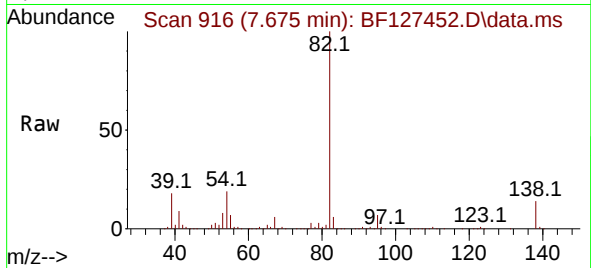




#25  
Isophorone  
Concen: 50.752 ng  
RT: 7.675 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

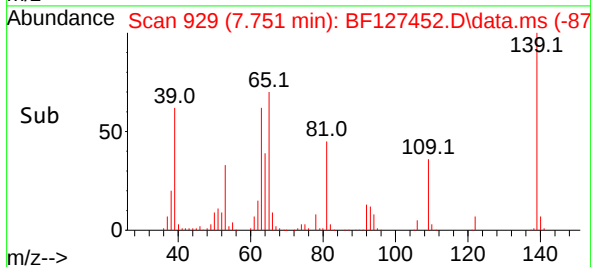
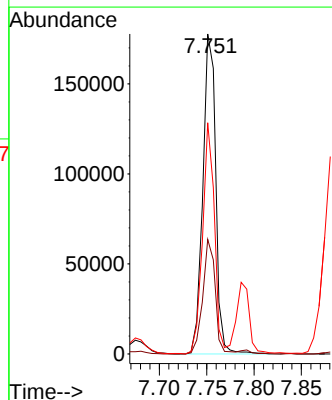
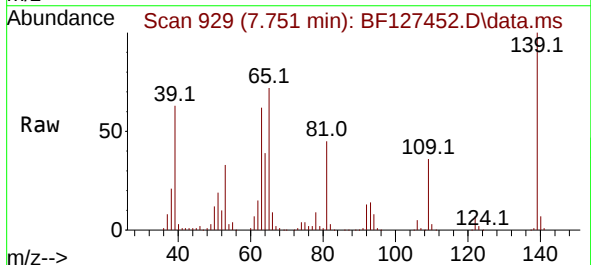
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

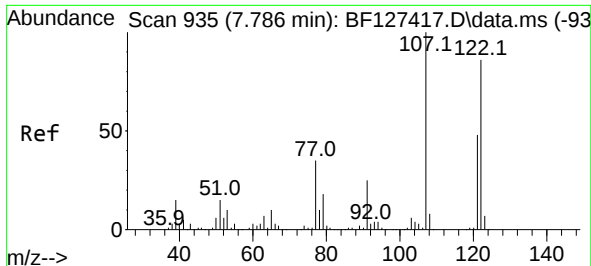
Tgt Ion: 82 Resp: 740244  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.8 8.8  
138 13.8 11.6 17.4



#26  
2-Nitrophenol  
Concen: 46.127 ng  
RT: 7.751 min Scan# 929  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion: 139 Resp: 168954  
Ion Ratio Lower Upper  
139 100  
109 35.8 28.2 42.2  
65 72.3 55.3 82.9

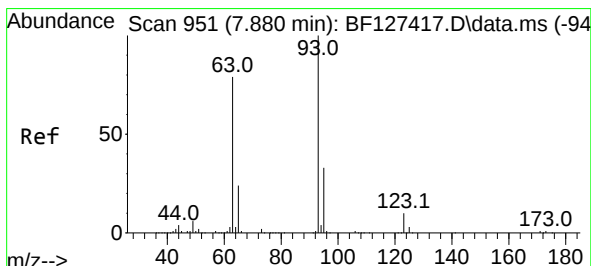
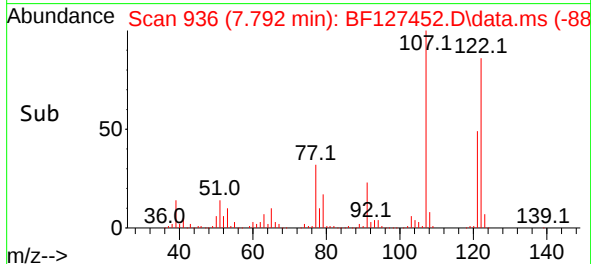
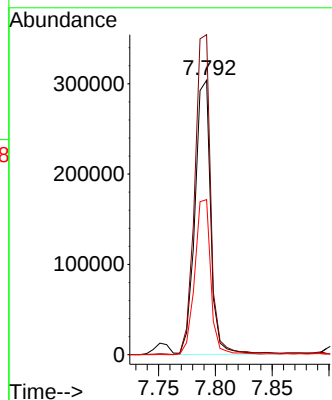
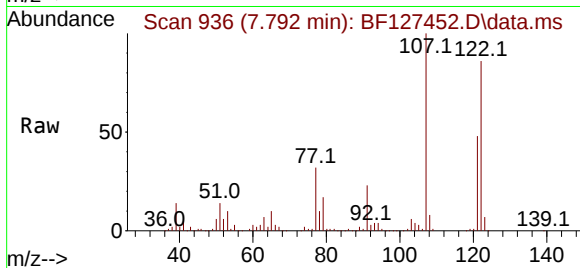




#27  
2,4-Dimethylphenol  
Concen: 53.263 ng  
RT: 7.792 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

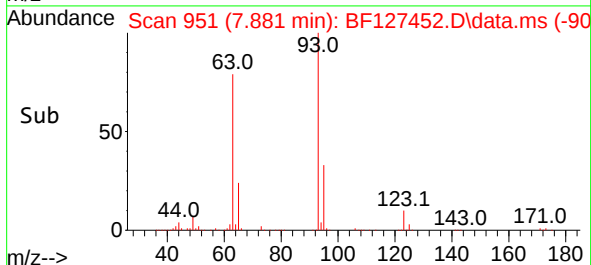
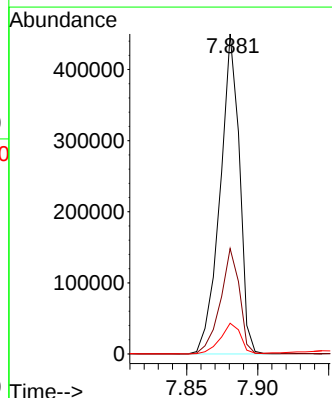
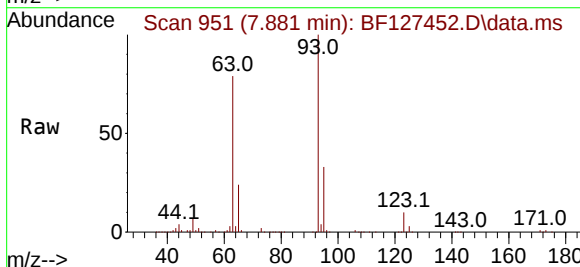
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

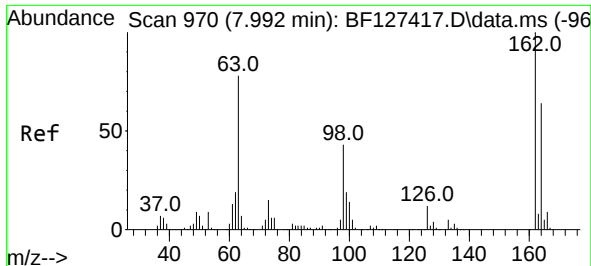
Tgt Ion:122 Resp: 293465  
Ion Ratio Lower Upper  
122 100  
107 116.6 93.0 139.4  
121 56.5 44.9 67.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.144 ng  
RT: 7.881 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion: 93 Resp: 427724  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.3 39.5  
123 9.6 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 45.760 ng

RT: 7.998 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

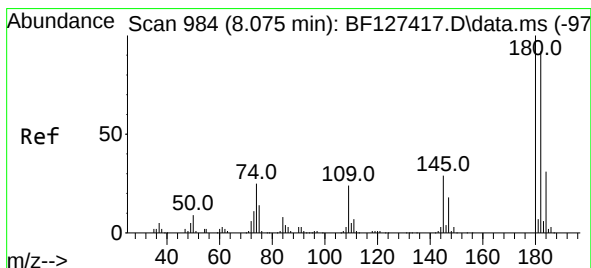
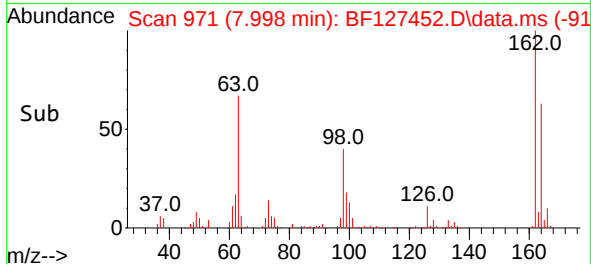
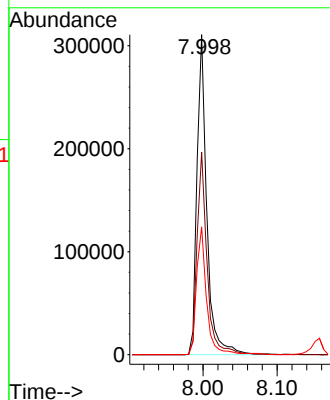
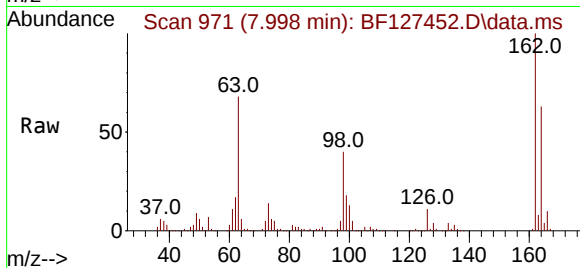
Tgt Ion:162 Resp: 286218

Ion Ratio Lower Upper

162 100

164 63.3 43.7 83.7

98 40.0 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 42.926 ng

RT: 8.075 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

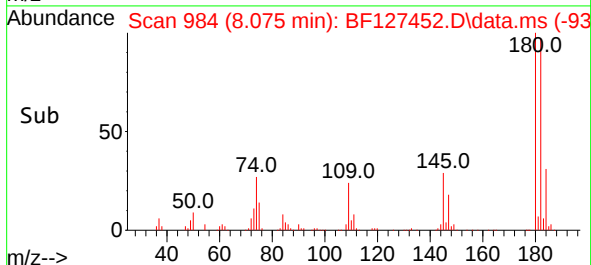
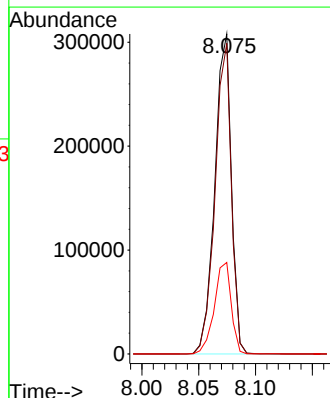
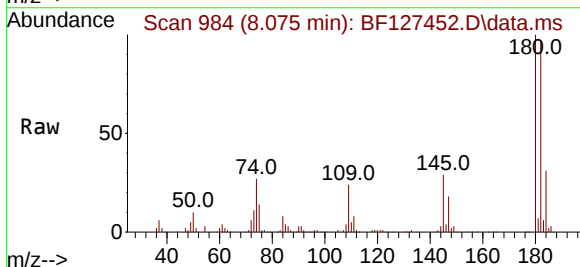
Tgt Ion:180 Resp: 312873

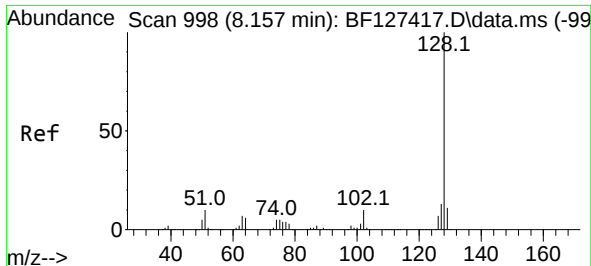
Ion Ratio Lower Upper

180 100

182 97.0 73.8 110.6

145 28.6 23.3 34.9

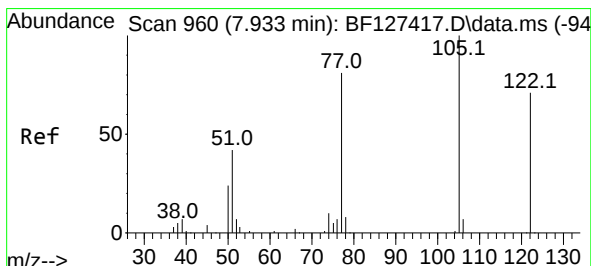
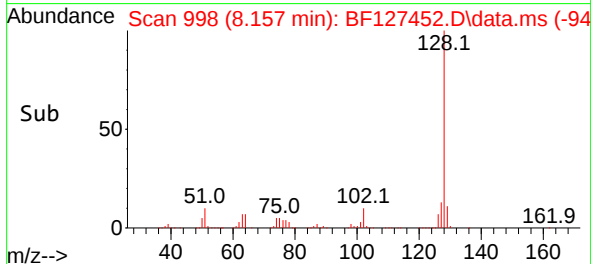
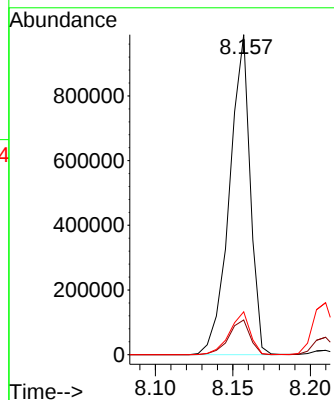
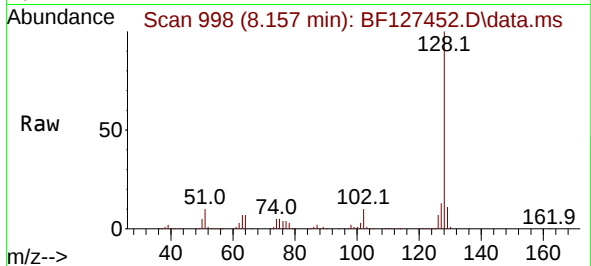




#31  
Naphthalene  
Concen: 44.173 ng  
RT: 8.157 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

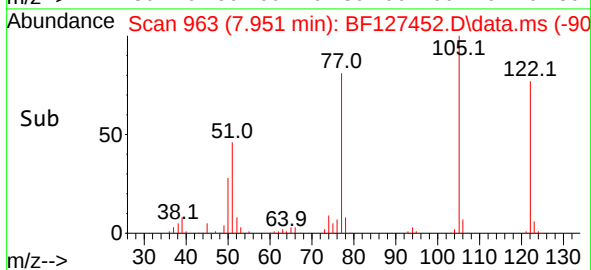
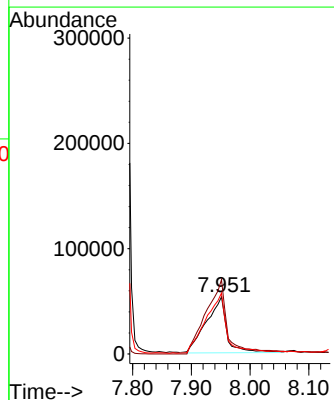
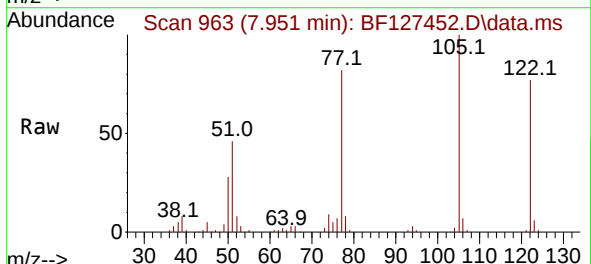
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

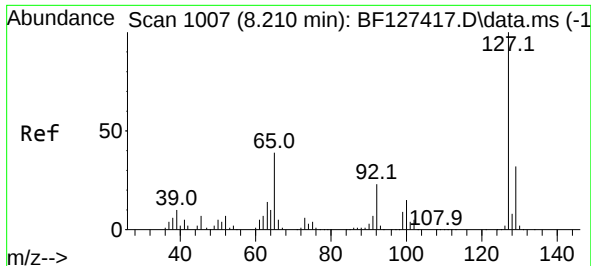
Tgt Ion:128 Resp: 918034  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.4 12.6  
127 13.4 10.2 15.2



#32  
Benzoic acid  
Concen: 41.845 ng  
RT: 7.951 min Scan# 963  
Delta R.T. 0.018 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:122 Resp: 129696  
Ion Ratio Lower Upper  
122 100  
105 130.1 117.1 157.1  
77 106.7 93.0 133.0

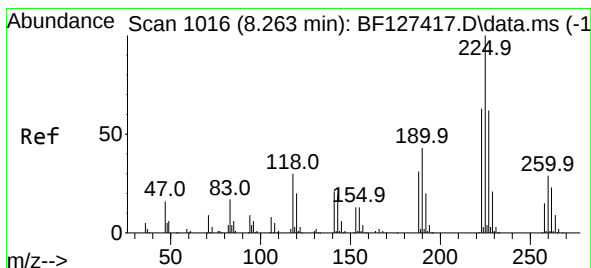
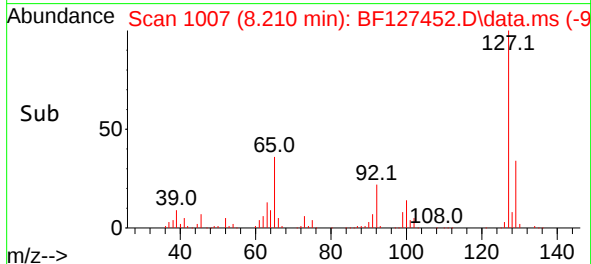
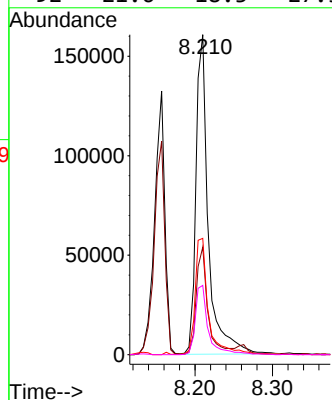
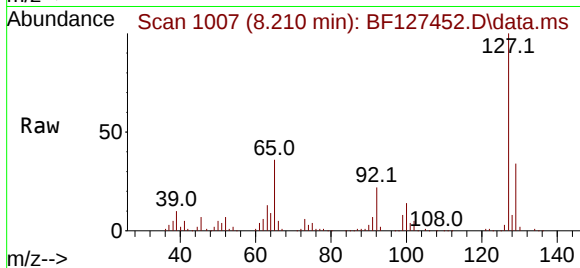




#33  
4-Chloroaniline  
Concen: 22.079 ng  
RT: 8.210 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

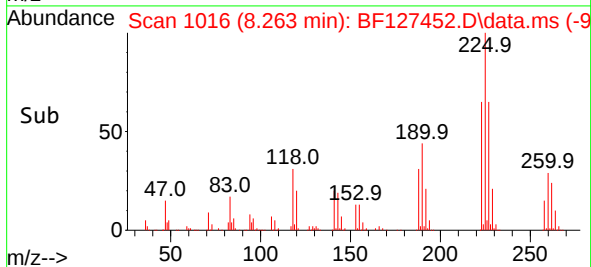
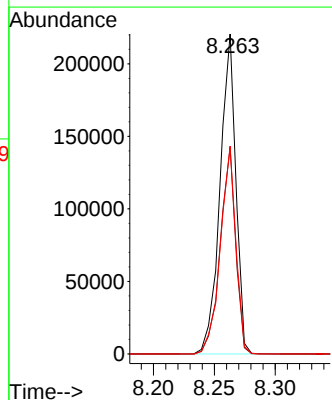
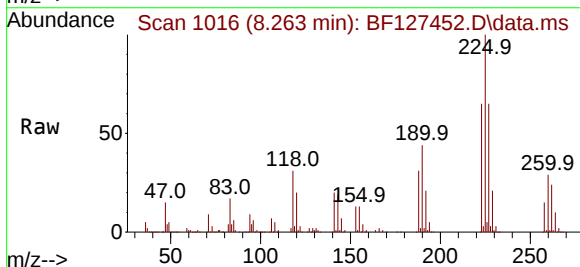
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

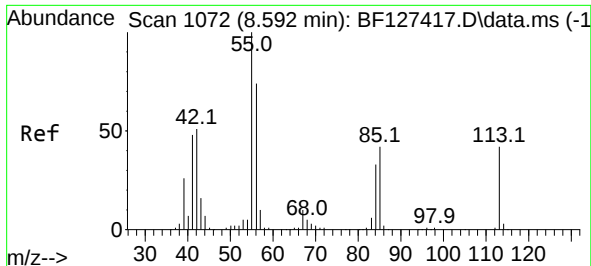
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 177810 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.6  | 25.9  | 38.9   |
| 65       | 36.4  | 31.4  | 47.0   |
| 92       | 21.6  | 18.3  | 27.5   |



#34  
Hexachlorobutadiene  
Concen: 43.091 ng  
RT: 8.263 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 199440 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.6  | 50.6  | 76.0   |
| 227      | 65.0  | 49.6  | 74.4   |

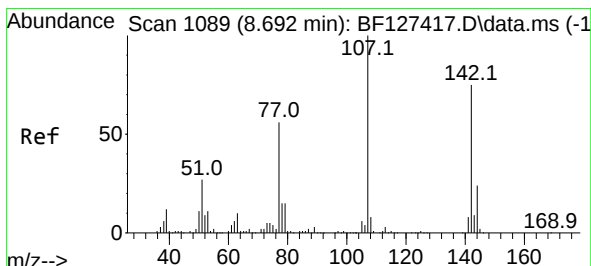
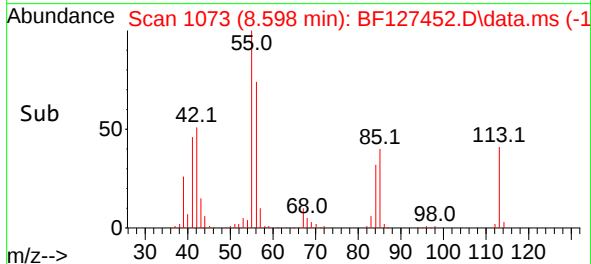
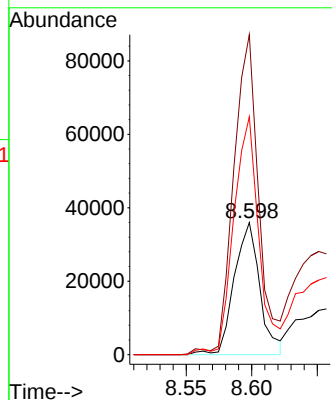
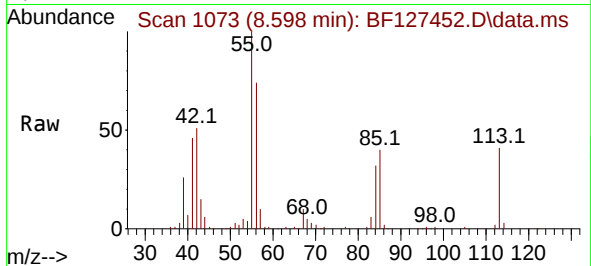




#35  
 Caprolactam  
 Concen: 25.372 ng  
 RT: 8.598 min Scan# 1072  
 Delta R.T. 0.006 min  
 Lab File: BF127452.D  
 Acq: 22 Mar 2022 15:18

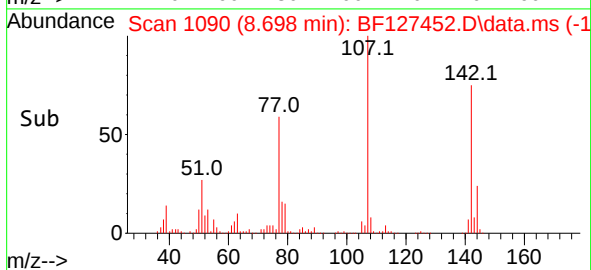
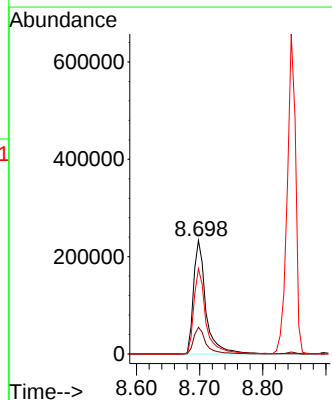
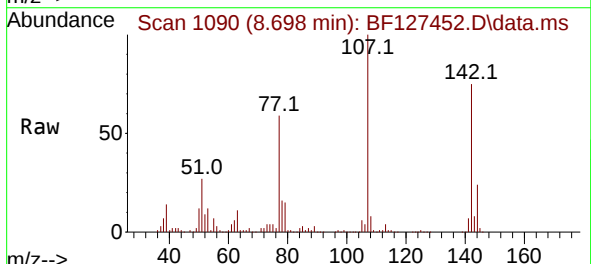
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143505BS

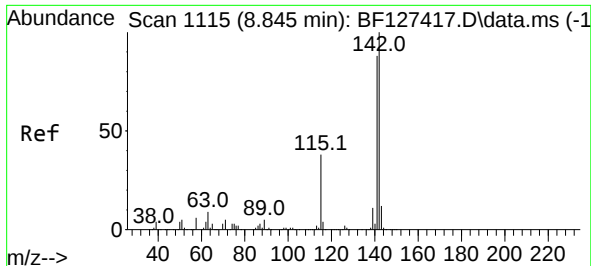
Tgt Ion:113 Resp: 48925  
 Ion Ratio Lower Upper  
 113 100  
 55 242.1 218.7 258.7  
 56 180.0 156.2 196.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.983 ng  
 RT: 8.698 min Scan# 1090  
 Delta R.T. 0.006 min  
 Lab File: BF127452.D  
 Acq: 22 Mar 2022 15:18

Tgt Ion:107 Resp: 318839  
 Ion Ratio Lower Upper  
 107 100  
 144 23.6 19.3 28.9  
 142 75.1 59.8 89.8





#37

2-Methylnaphthalene

Concen: 45.650 ng

RT: 8.845 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

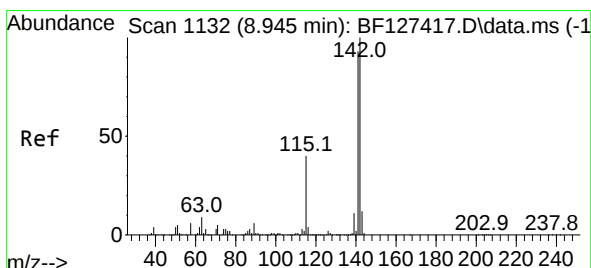
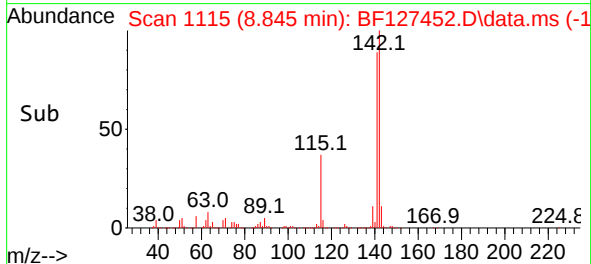
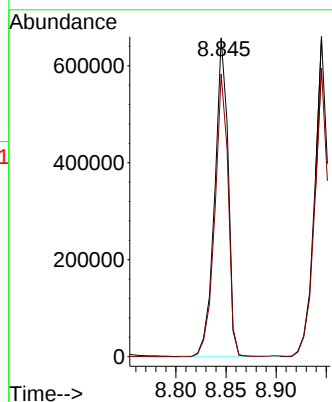
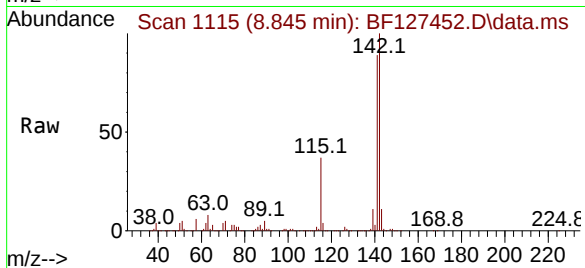
PB143505BS

Tgt Ion:142 Resp: 610043

Ion Ratio Lower Upper

142 100

141 88.6 70.6 106.0



#38

1-Methylnaphthalene

Concen: 44.267 ng

RT: 8.945 min Scan# 1132

Delta R.T. 0.000 min

Lab File: BF127452.D

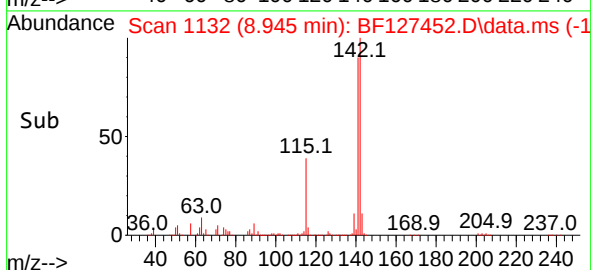
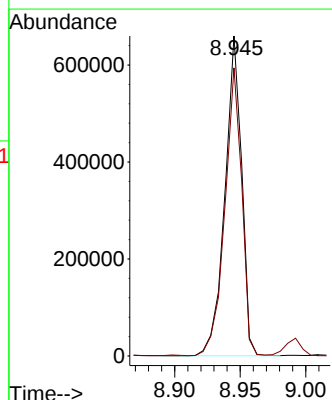
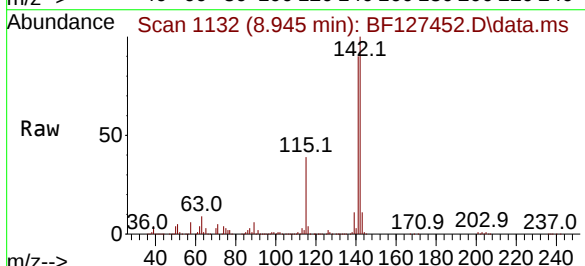
Acq: 22 Mar 2022 15:18

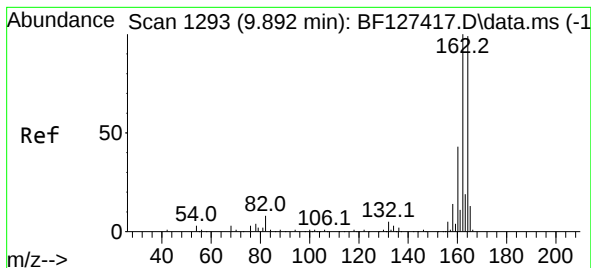
Tgt Ion:142 Resp: 584951

Ion Ratio Lower Upper

142 100

141 90.0 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

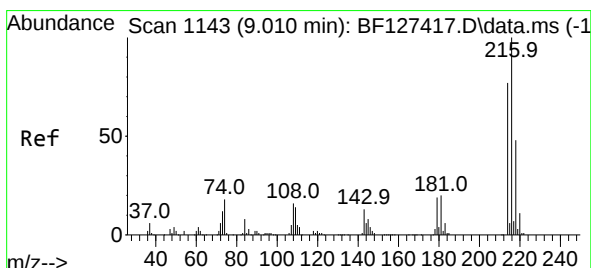
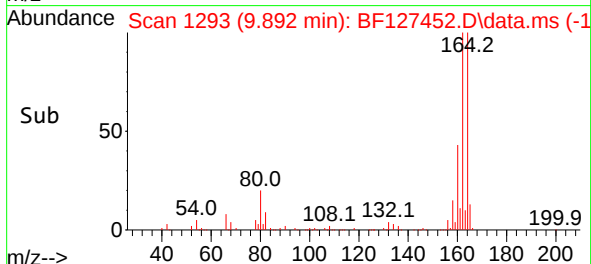
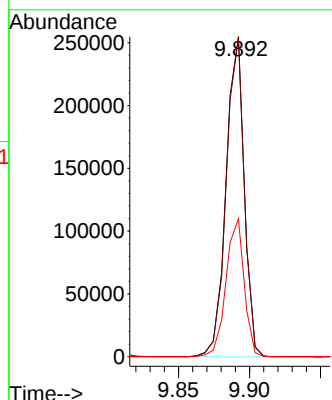
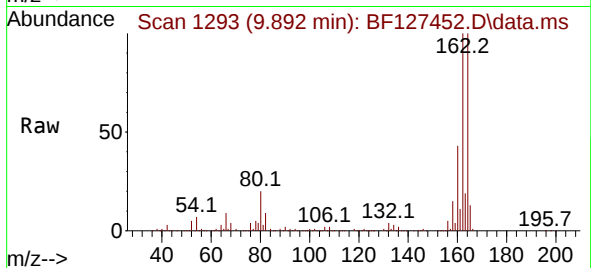
Tgt Ion:164 Resp: 226296

Ion Ratio Lower Upper

164 100

162 99.6 81.2 121.8

160 43.1 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.677 ng

RT: 9.010 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Tgt Ion:216 Resp: 314268

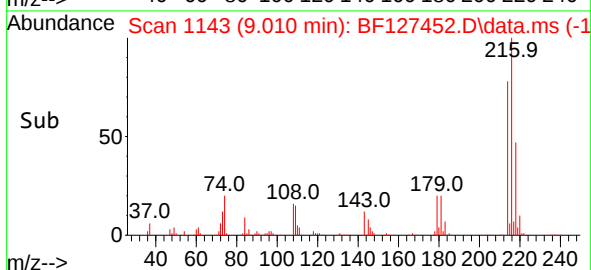
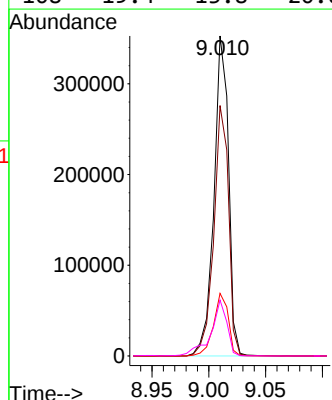
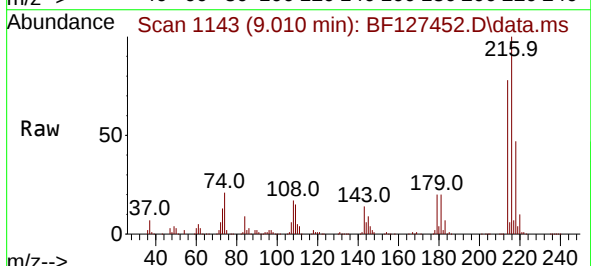
Ion Ratio Lower Upper

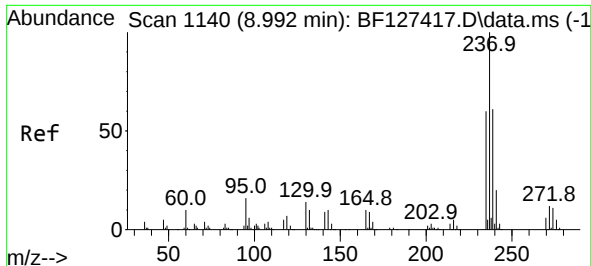
216 100

214 79.4 63.0 94.4

179 19.9 15.5 23.3

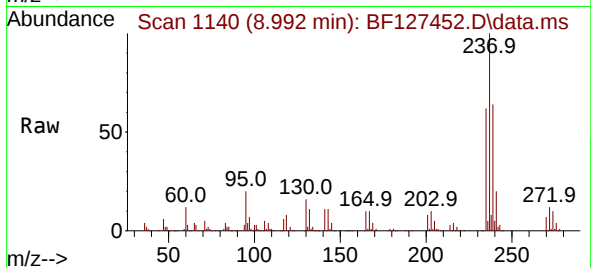
108 19.4 13.8 20.6



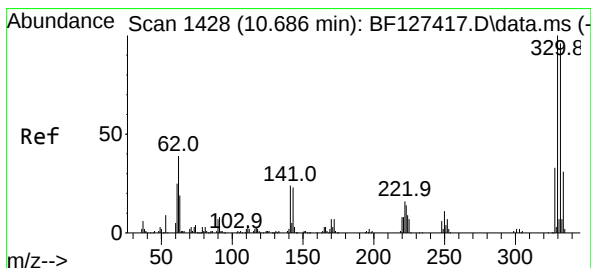
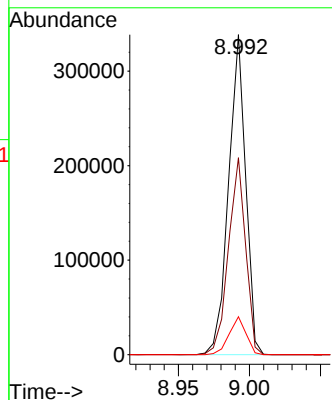
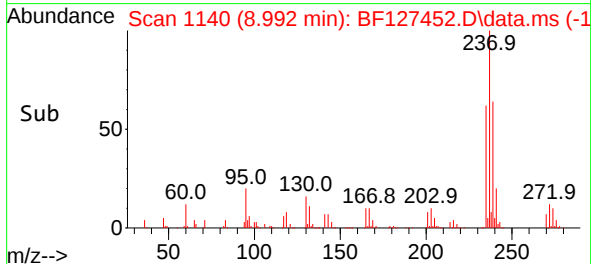


#41  
Hexachlorocyclopentadiene  
Concen: 100.578 ng  
RT: 8.992 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

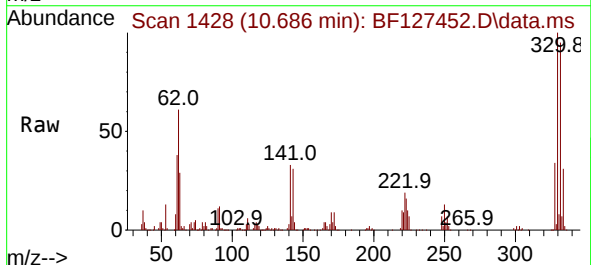
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS



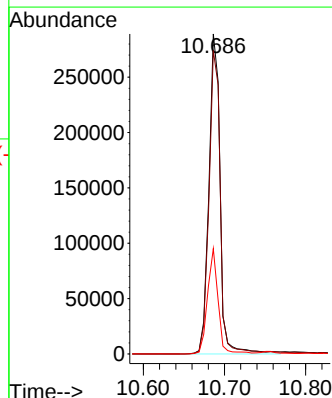
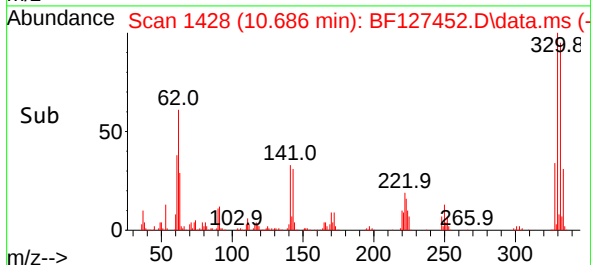
Tgt Ion:237 Resp: 282374  
Ion Ratio Lower Upper  
237 100  
235 61.6 40.4 80.4  
272 11.9 0.0 31.8

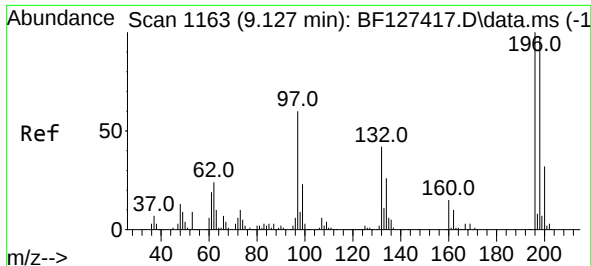


#42  
2,4,6-Tribromophenol  
Concen: 114.659 ng  
RT: 10.686 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18



Tgt Ion:330 Resp: 276401  
Ion Ratio Lower Upper  
330 100  
332 95.1 79.1 118.7  
141 31.2 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 44.082 ng

RT: 9.127 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

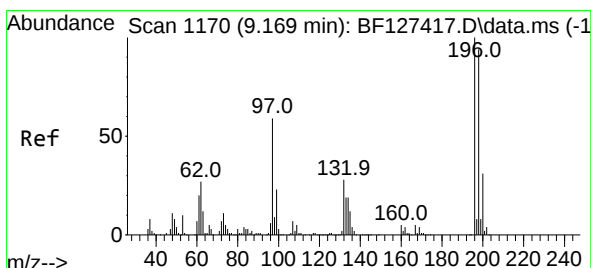
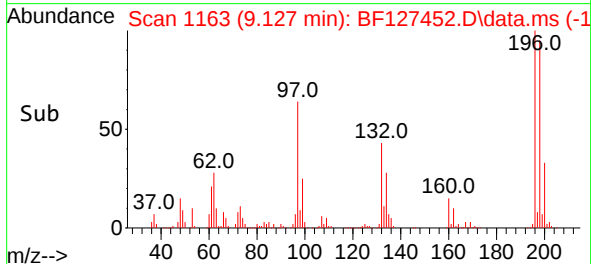
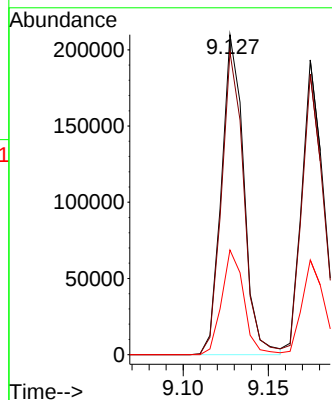
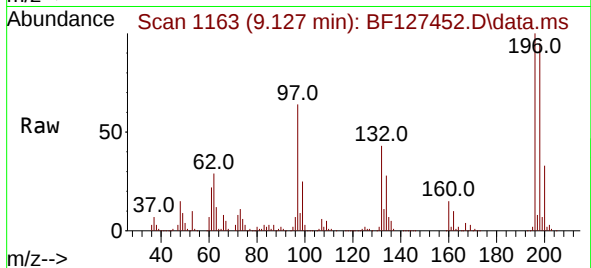
Tgt Ion:196 Resp: 191728

Ion Ratio Lower Upper

196 100

198 94.6 77.8 116.6

200 32.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 45.645 ng

RT: 9.175 min Scan# 1171

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Tgt Ion:196 Resp: 204359

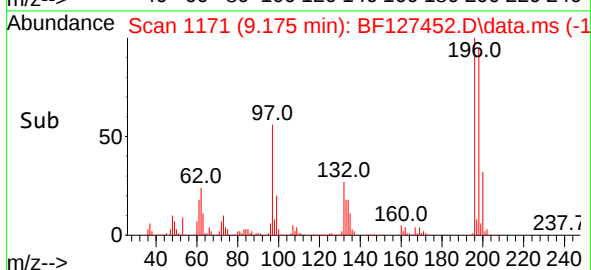
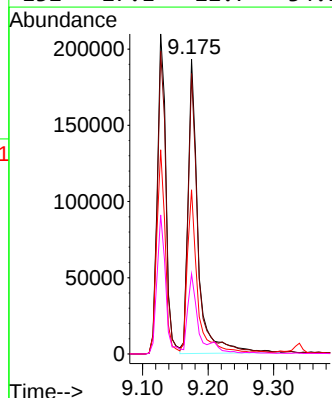
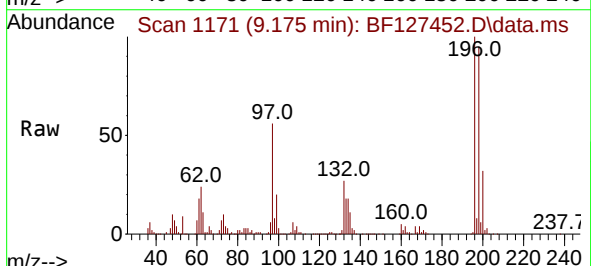
Ion Ratio Lower Upper

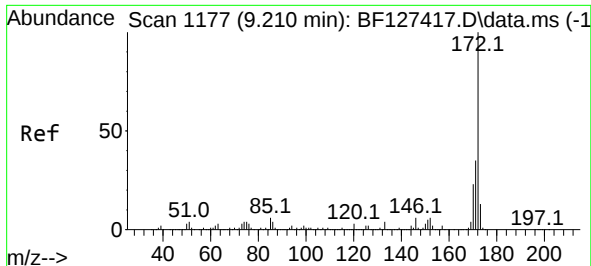
196 100

198 95.1 75.3 112.9

97 55.7 46.8 70.2

132 27.1 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 80.375 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

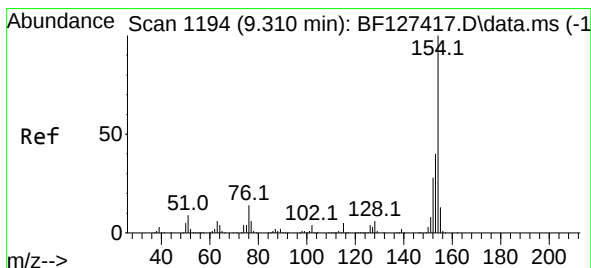
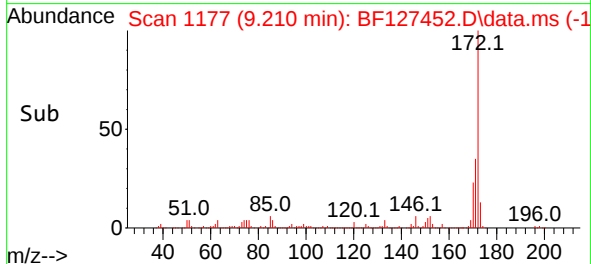
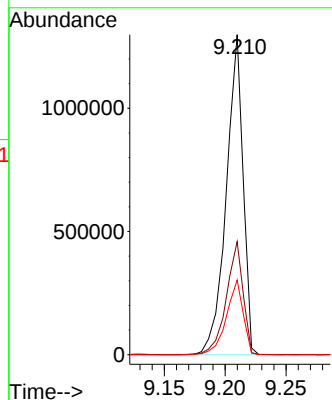
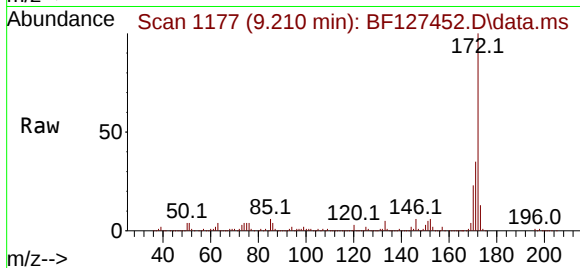
Tgt Ion:172 Resp: 1245595

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 43.598 ng

RT: 9.310 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

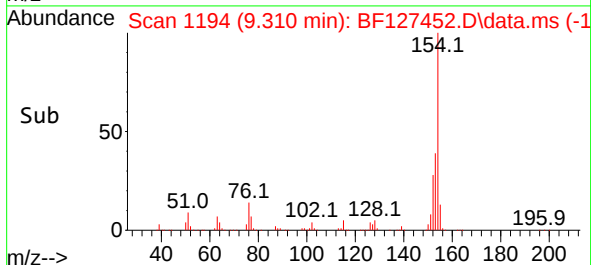
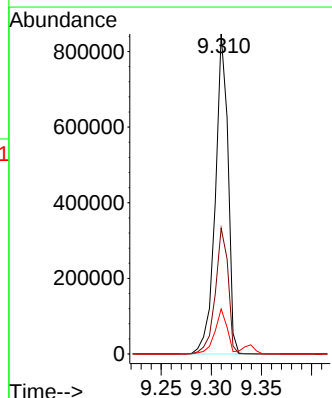
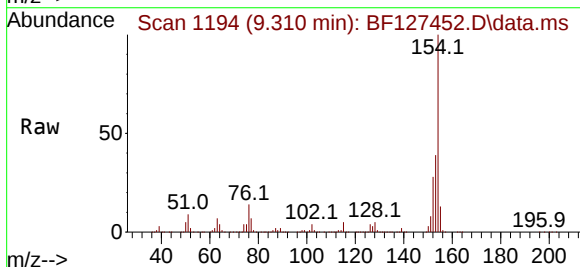
Tgt Ion:154 Resp: 745139

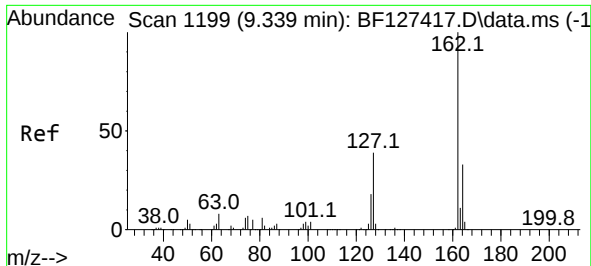
Ion Ratio Lower Upper

154 100

153 39.3 20.3 60.3

76 14.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 43.516 ng

RT: 9.339 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

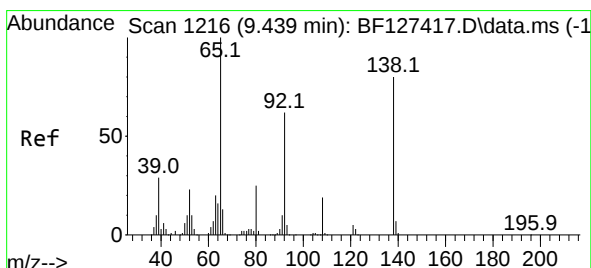
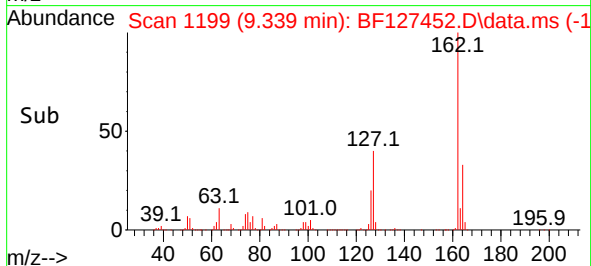
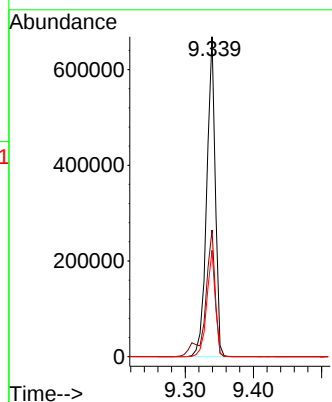
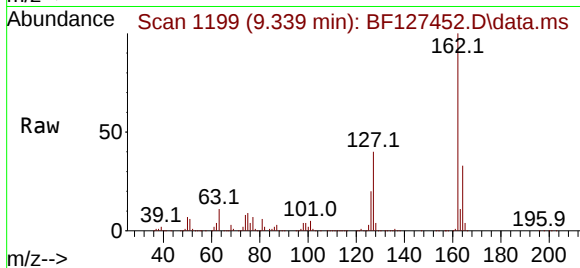
Tgt Ion:162 Resp: 585675

Ion Ratio Lower Upper

162 100

127 39.6 31.8 47.6

164 33.2 26.4 39.6



#48

2-Nitroaniline

Concen: 44.958 ng

RT: 9.445 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

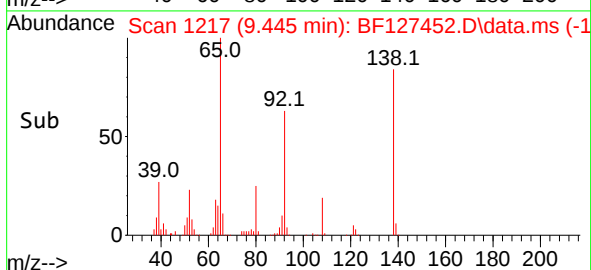
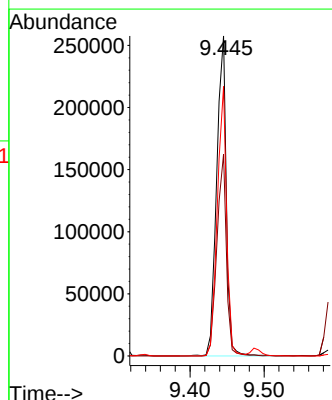
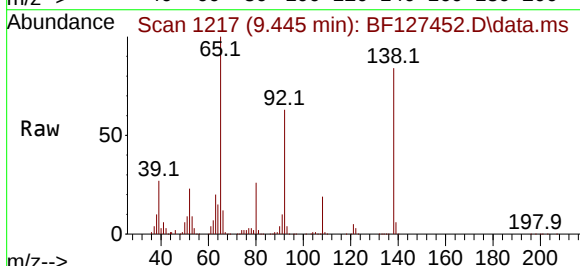
Tgt Ion: 65 Resp: 231902

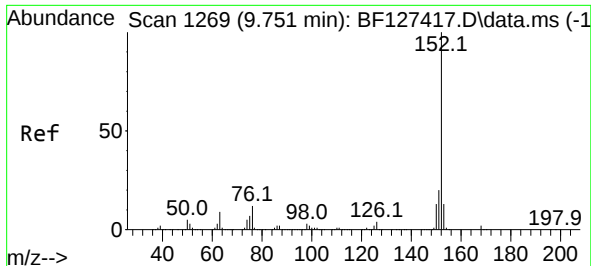
Ion Ratio Lower Upper

65 100

92 63.0 50.0 75.0

138 84.2 64.1 96.1





#49

Acenaphthylene

Concen: 45.866 ng

RT: 9.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

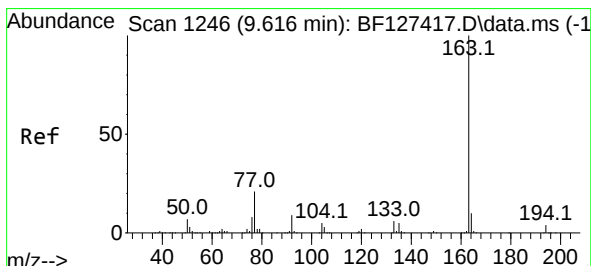
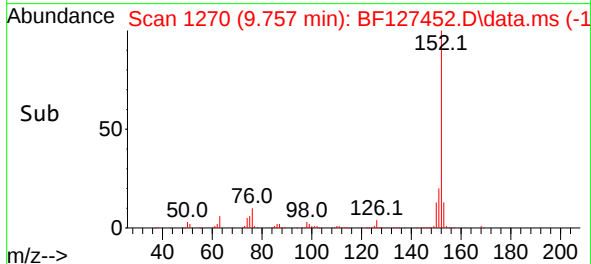
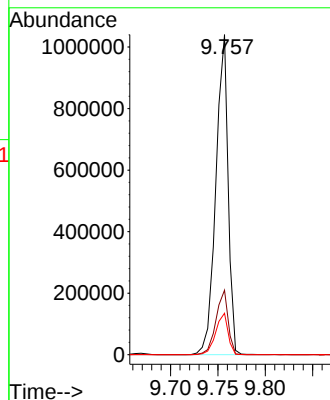
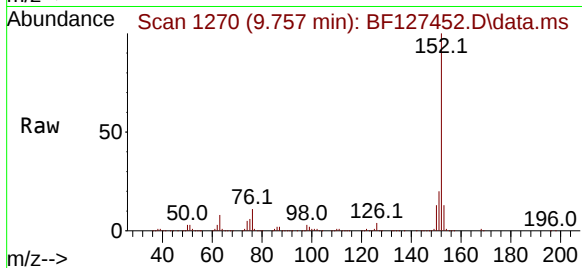
Tgt Ion:152 Resp: 933225

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 44.584 ng

RT: 9.616 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

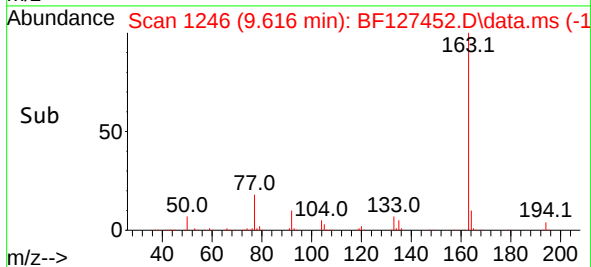
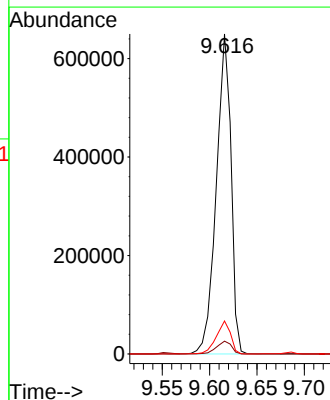
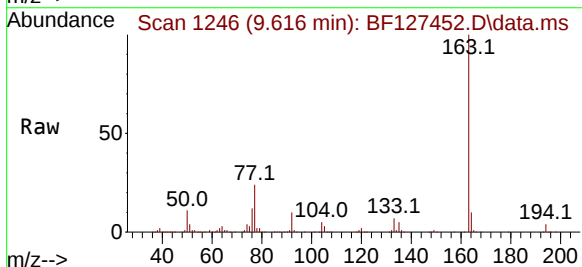
Tgt Ion:163 Resp: 701889

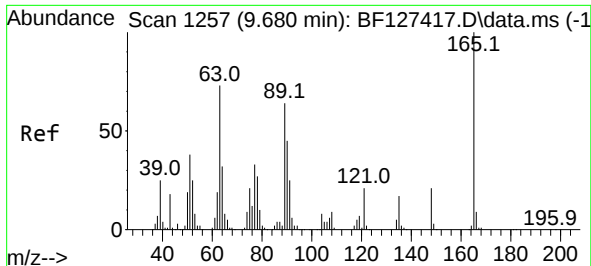
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 7.8 11.8

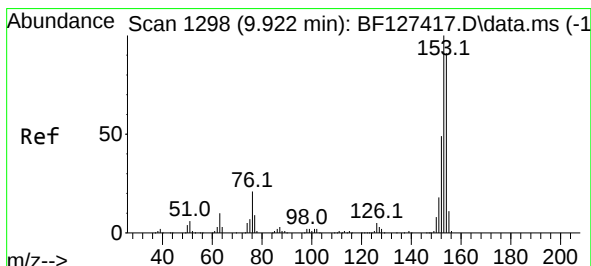
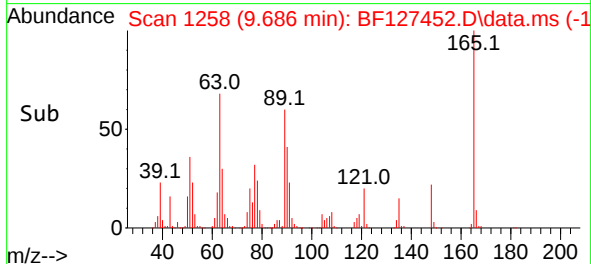
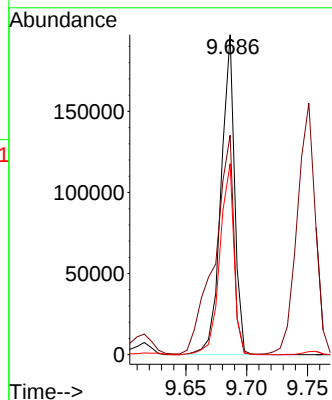
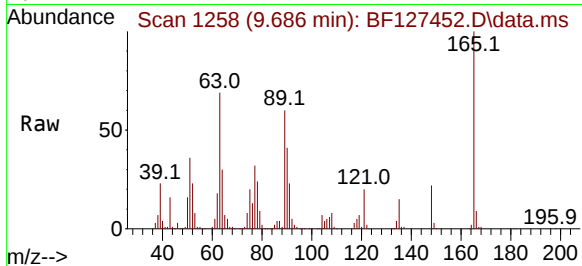




#51  
2,6-Dinitrotoluene  
Concen: 46.351 ng  
RT: 9.686 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

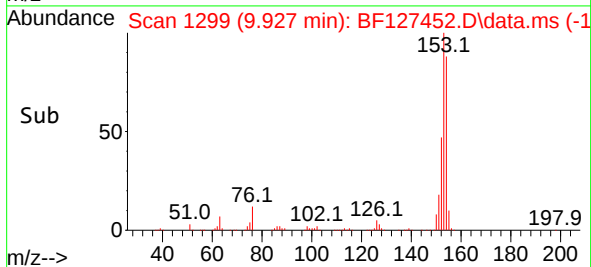
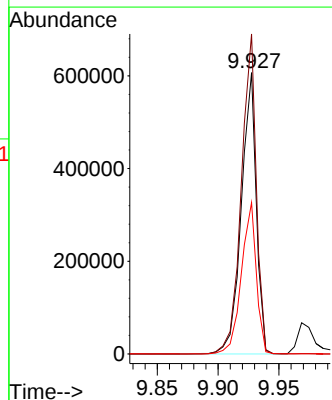
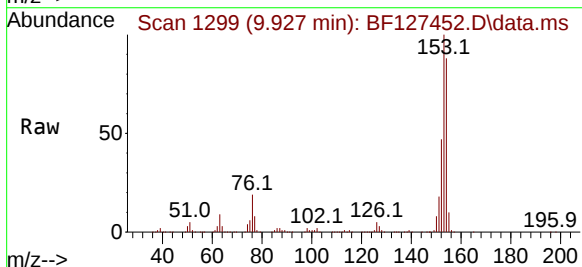
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

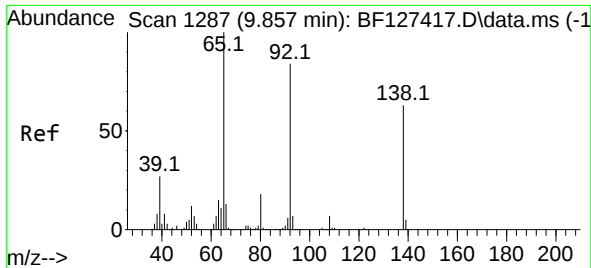
Tgt Ion:165 Resp: 153173  
Ion Ratio Lower Upper  
165 100  
63 68.6 58.3 87.5  
89 59.7 51.5 77.3



#52  
Acenaphthene  
Concen: 43.810 ng  
RT: 9.927 min Scan# 1299  
Delta R.T. 0.005 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:154 Resp: 520087  
Ion Ratio Lower Upper  
154 100  
153 113.7 87.6 131.4  
152 53.8 42.9 64.3

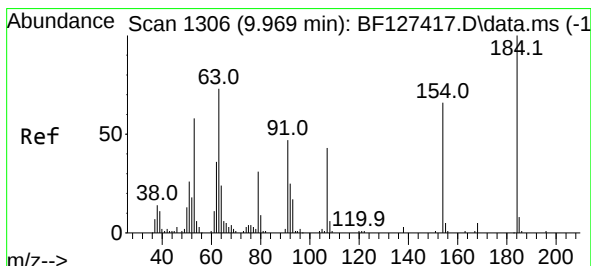
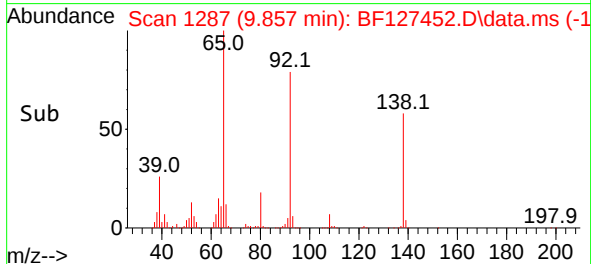
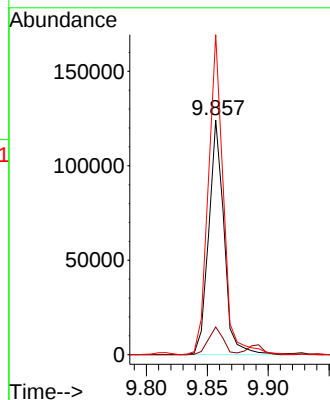
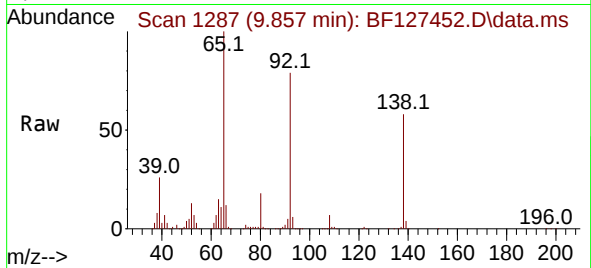




#53  
3-Nitroaniline  
Concen: 29.825 ng  
RT: 9.857 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

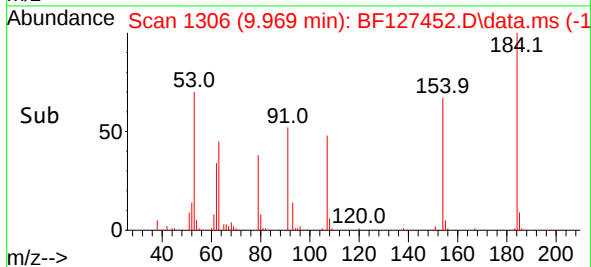
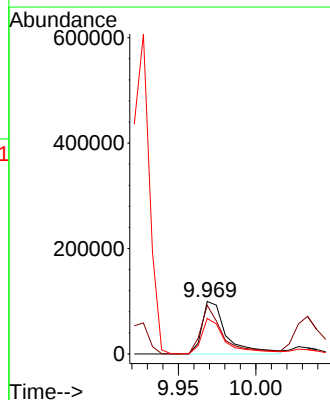
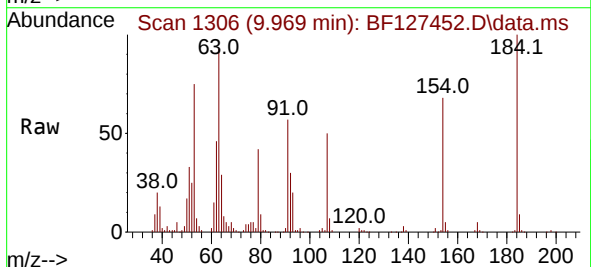
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

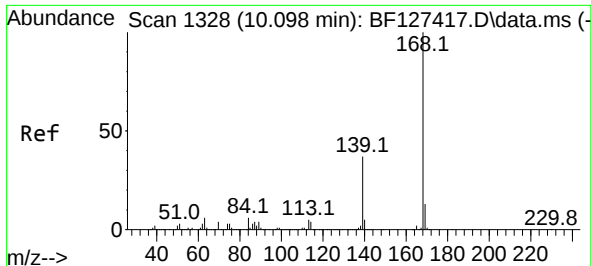
Tgt Ion:138 Resp: 108116  
Ion Ratio Lower Upper  
138 100  
108 11.8 9.4 14.0  
92 136.4 106.1 159.1



#54  
2,4-Dinitrophenol  
Concen: 67.462 ng  
RT: 9.969 min Scan# 1306  
Delta R.T. -0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:184 Resp: 109965  
Ion Ratio Lower Upper  
184 100  
63 92.7 58.1 87.1#  
154 67.6 53.2 79.8

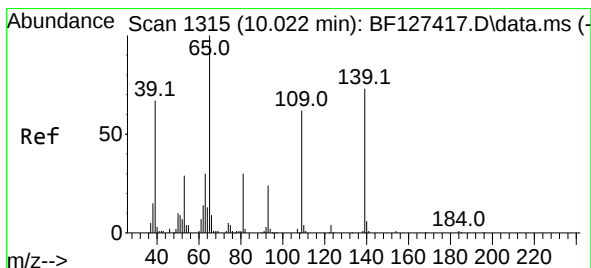
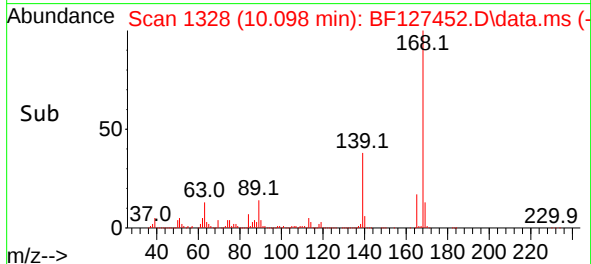
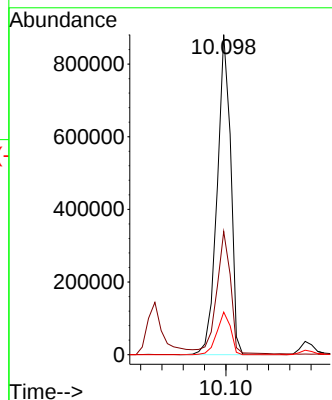
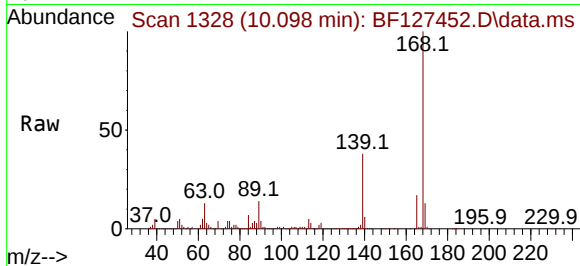




#55  
Dibenzofuran  
Concen: 45.097 ng  
RT: 10.098 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

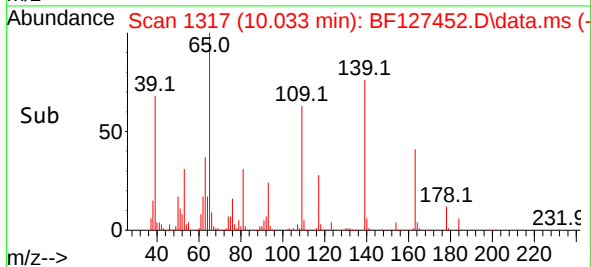
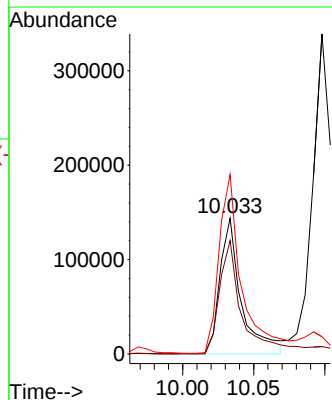
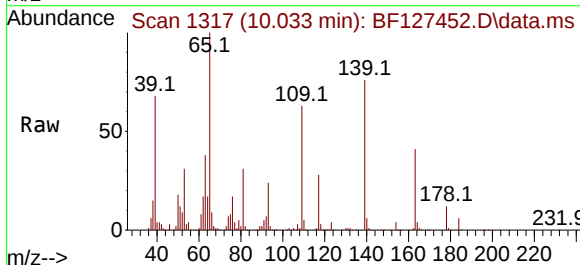
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

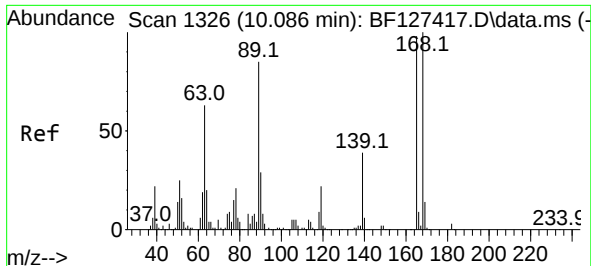
Tgt Ion:168 Resp: 772374  
Ion Ratio Lower Upper  
168 100  
139 38.5 30.3 45.5  
169 13.3 10.8 16.2



#56  
4-Nitrophenol  
Concen: 82.321 ng  
RT: 10.033 min Scan# 1317  
Delta R.T. 0.011 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:139 Resp: 151884  
Ion Ratio Lower Upper  
139 100  
109 83.5 64.3 104.3  
65 132.2 117.5 157.5

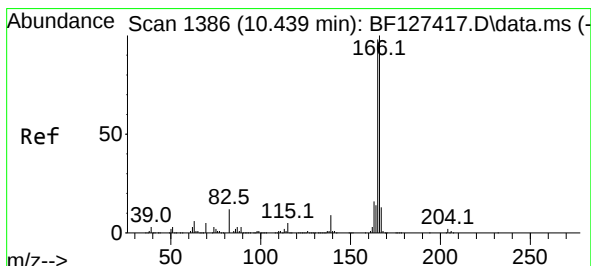
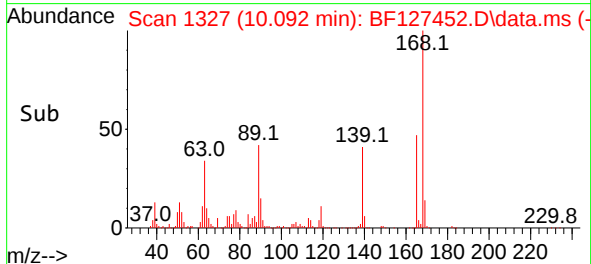
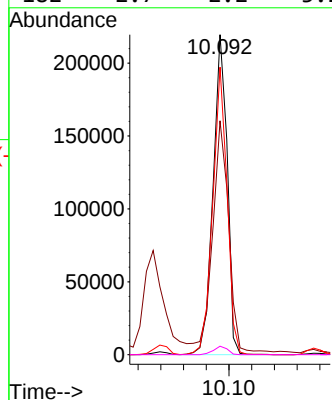
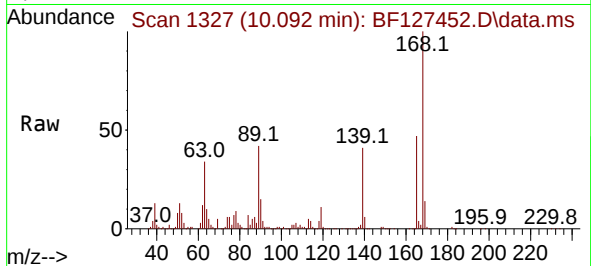




#57  
2,4-Dinitrotoluene  
Concen: 44.407 ng  
RT: 10.092 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

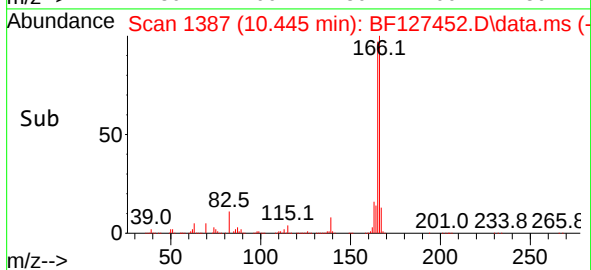
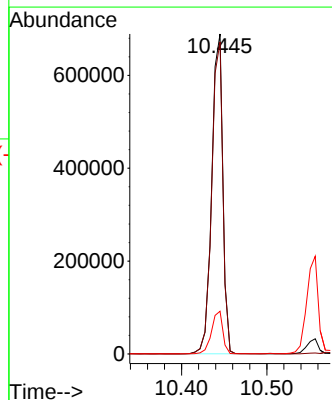
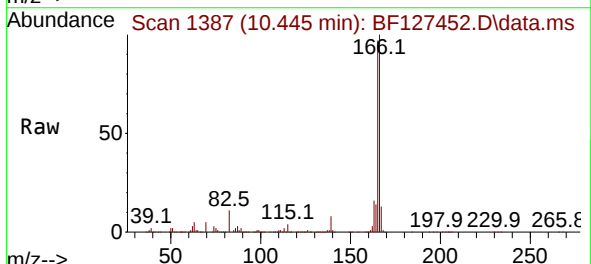
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

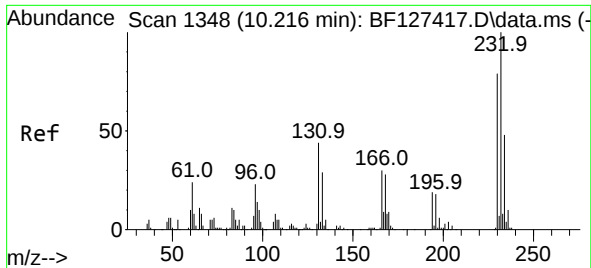
Tgt Ion:165 Resp: 188890  
Ion Ratio Lower Upper  
165 100  
63 73.1 53.1 79.7  
89 89.9 69.2 103.8  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 45.211 ng  
RT: 10.445 min Scan# 1387  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:166 Resp: 621615  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.1 117.1  
167 13.4 10.5 15.7

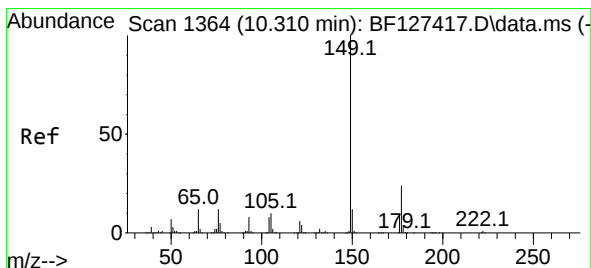
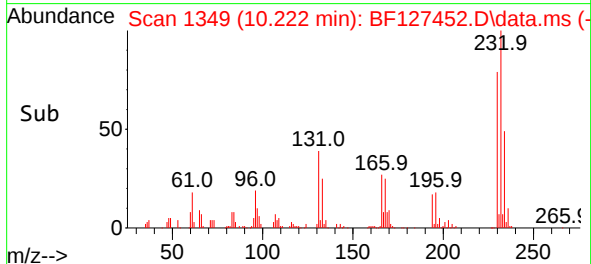
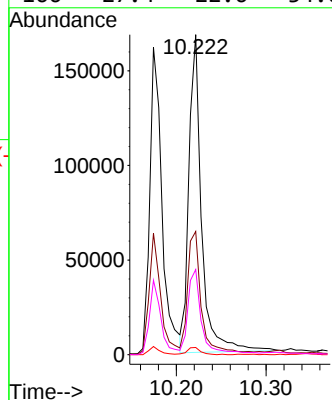
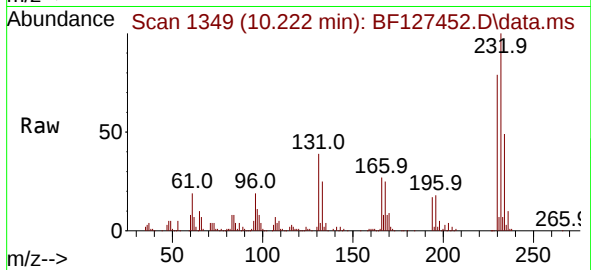




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.530 ng  
RT: 10.222 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

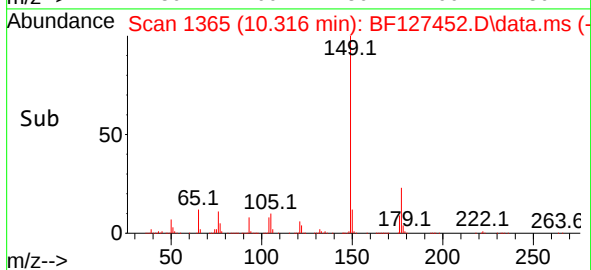
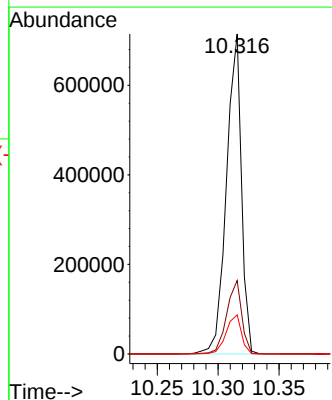
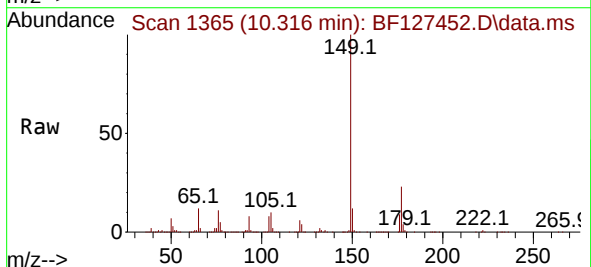
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

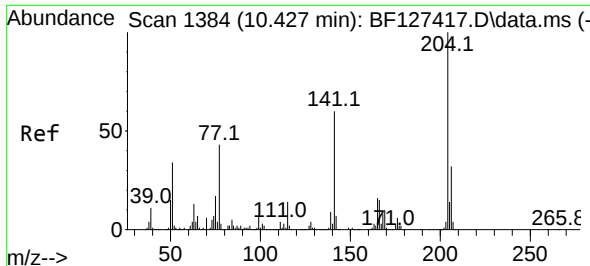
Tgt Ion:232 Resp: 164389  
Ion Ratio Lower Upper  
232 100  
131 39.8 33.4 50.0  
130 2.5 1.8 2.6  
166 27.4 22.6 34.0



#60  
Diethylphthalate  
Concen: 42.621 ng  
RT: 10.316 min Scan# 1365  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:149 Resp: 612859  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.9 28.3  
150 12.2 10.0 15.0

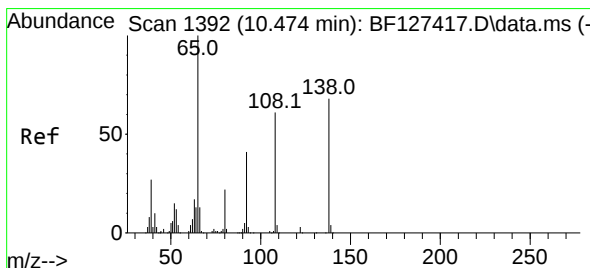
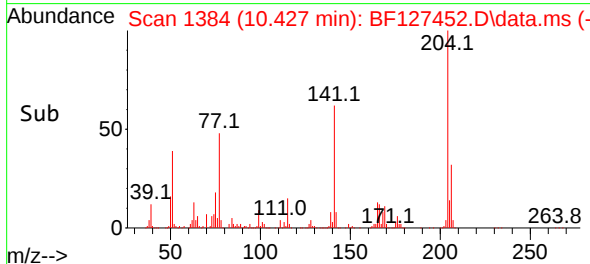
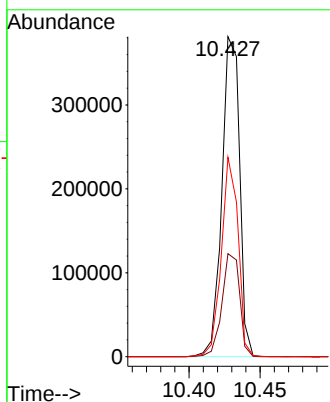
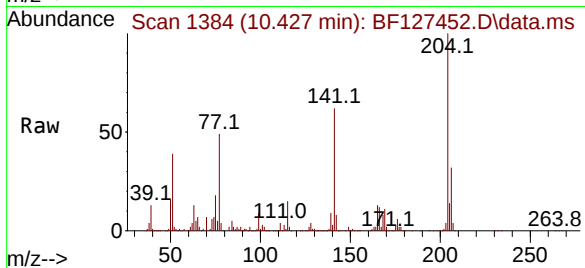




#61  
4-Chlorophenyl-phenylether  
Concen: 40.490 ng  
RT: 10.427 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

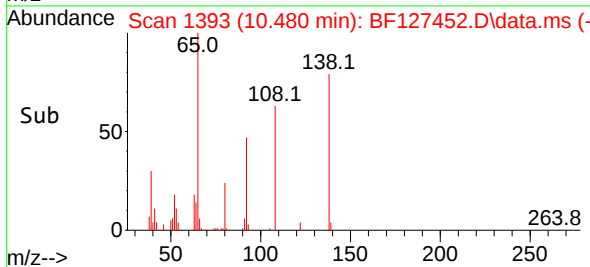
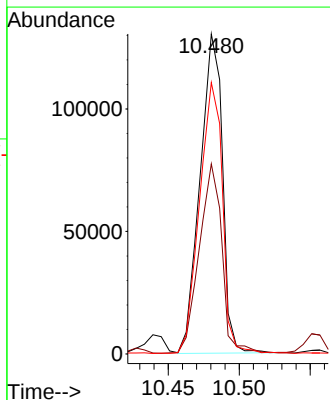
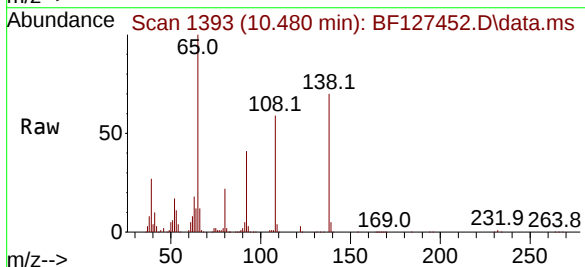
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

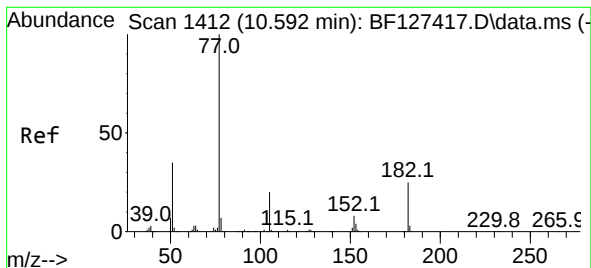
Tgt Ion:204 Resp: 329446  
Ion Ratio Lower Upper  
204 100  
206 32.2 25.9 38.9  
141 62.3 47.8 71.8



#62  
4-Nitroaniline  
Concen: 41.997 ng  
RT: 10.480 min Scan# 1393  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:138 Resp: 142602  
Ion Ratio Lower Upper  
138 100  
92 59.4 40.5 80.5  
108 84.8 69.2 109.2





#63

Azobenzene

Concen: 41.868 ng

RT: 10.592 min Scan# 1412

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

Tgt Ion: 77 Resp: 710361

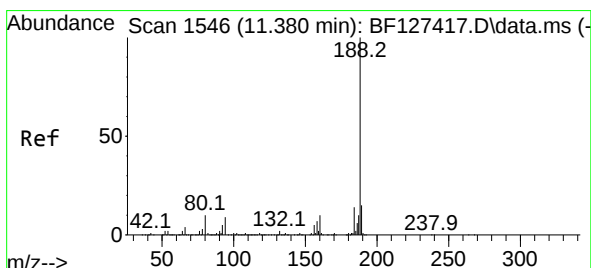
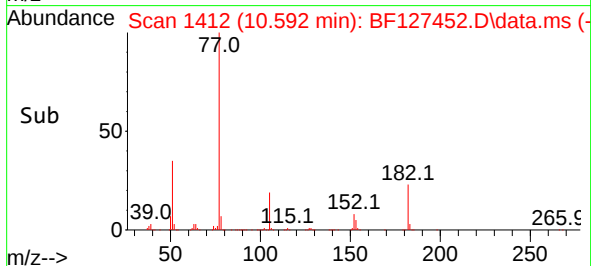
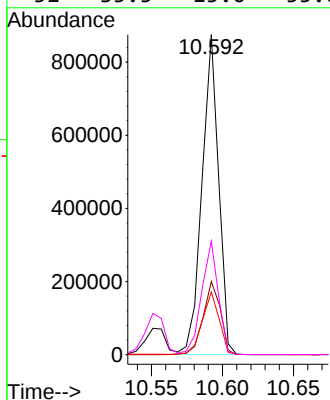
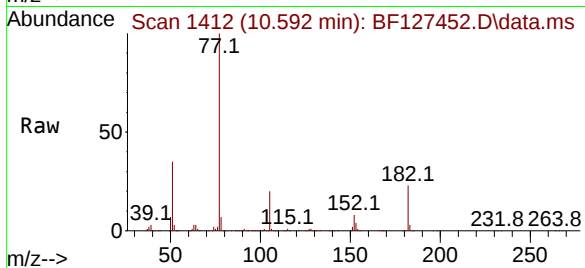
Ion Ratio Lower Upper

77 100

182 22.8 4.5 44.5

105 19.6 0.3 40.3

51 35.5 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

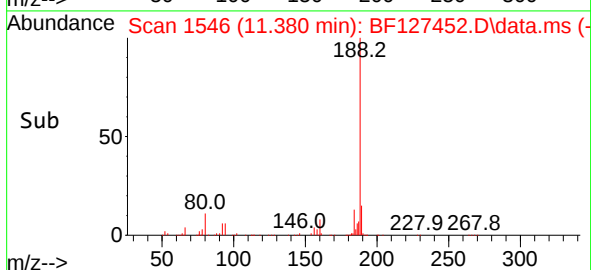
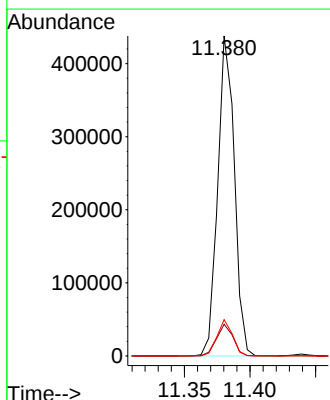
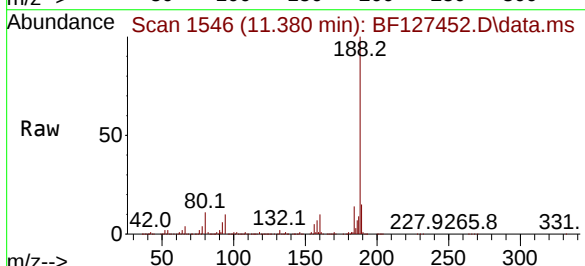
Tgt Ion: 188 Resp: 385791

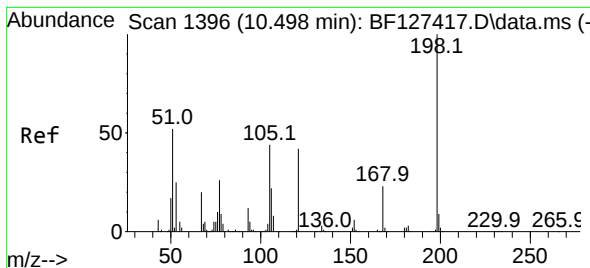
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 11.4 8.0 12.0

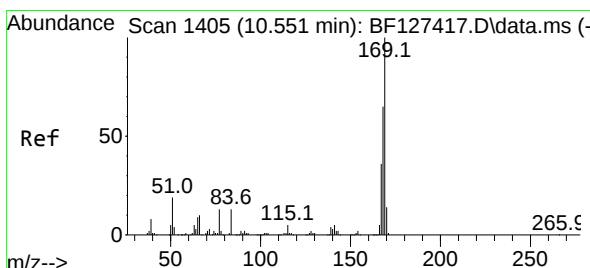
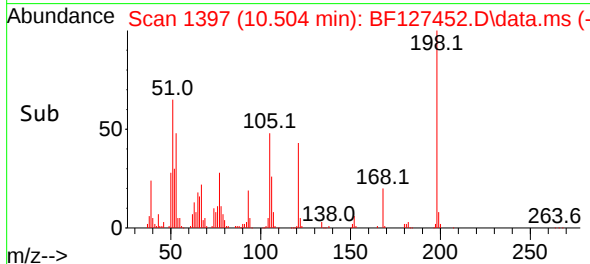
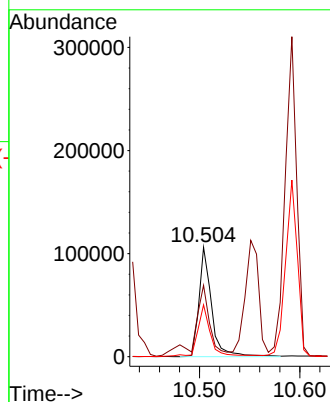
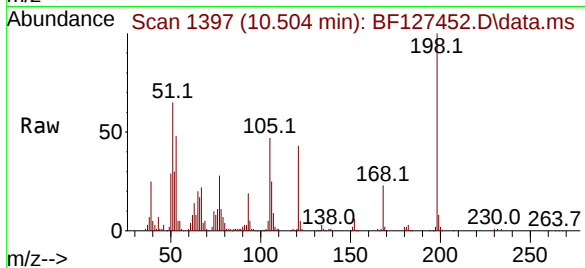




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.058 ng  
RT: 10.504 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

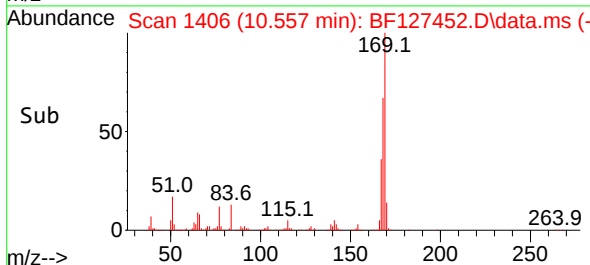
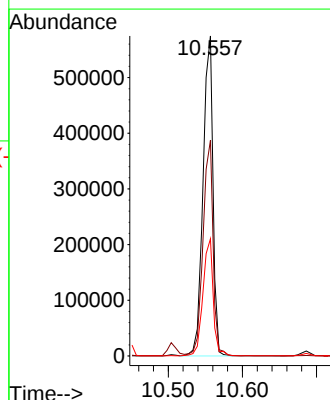
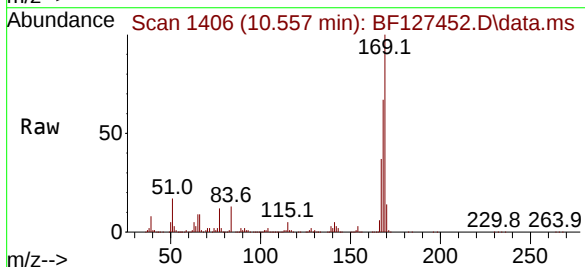
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

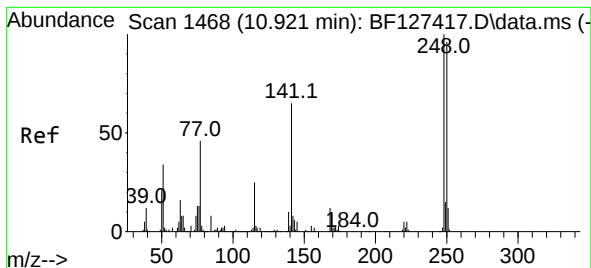
Tgt Ion:198 Resp: 92718  
Ion Ratio Lower Upper  
198 100  
51 65.1 42.7 82.7  
105 47.3 25.4 65.4



#66  
n-Nitrosodiphenylamine  
Concen: 45.611 ng  
RT: 10.557 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:169 Resp: 535646  
Ion Ratio Lower Upper  
169 100  
168 67.4 52.7 79.1  
167 36.6 28.9 43.3

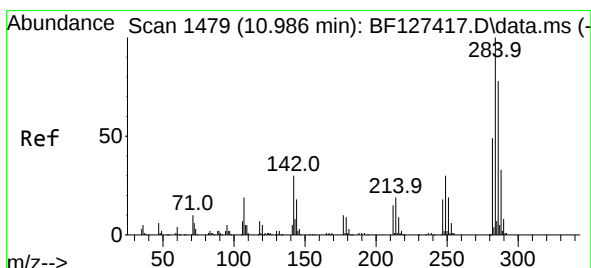
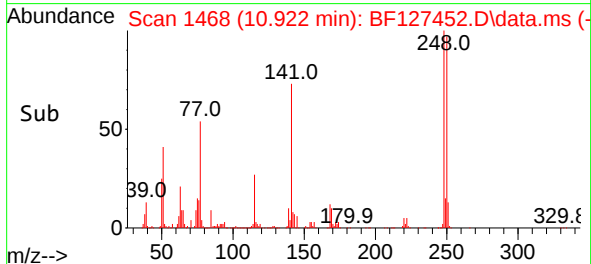
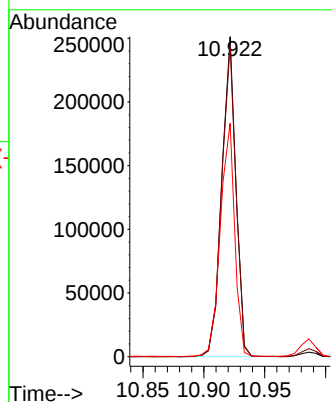
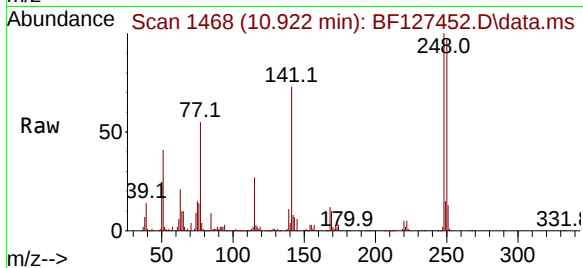




#67  
4-Bromophenyl-phenylether  
Concen: 45.172 ng  
RT: 10.922 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

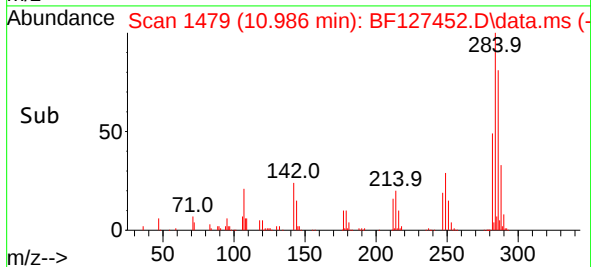
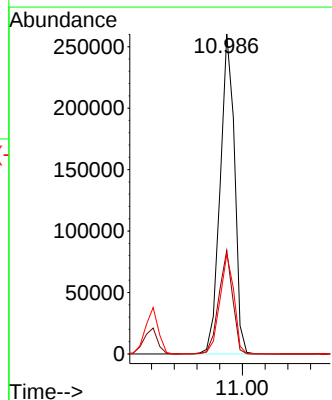
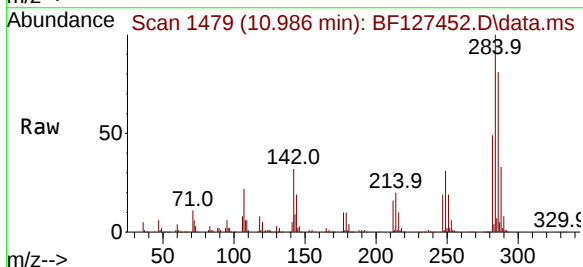
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

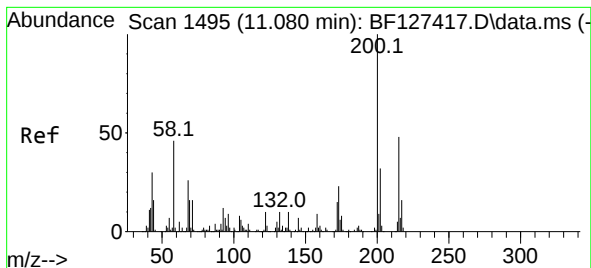
Tgt Ion:248 Resp: 203461  
Ion Ratio Lower Upper  
248 100  
250 97.5 76.6 115.0  
141 73.0 52.2 78.2



#68  
Hexachlorobenzene  
Concen: 46.587 ng  
RT: 10.986 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:284 Resp: 229048  
Ion Ratio Lower Upper  
284 100  
142 32.3 23.8 35.8  
249 31.1 23.9 35.9





#69

Atrazine

Concen: 50.364 ng

RT: 11.080 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

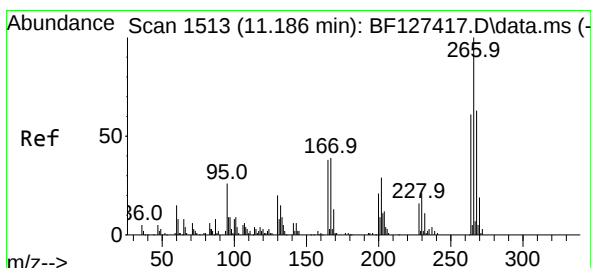
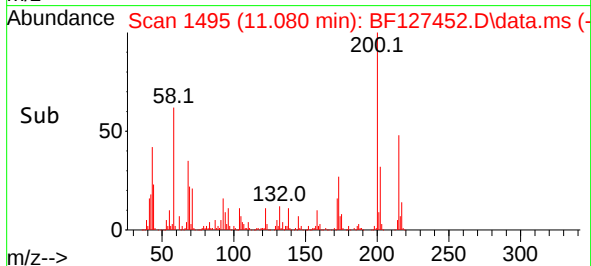
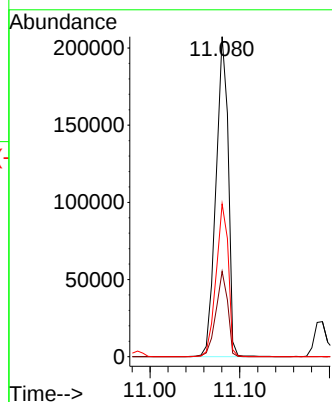
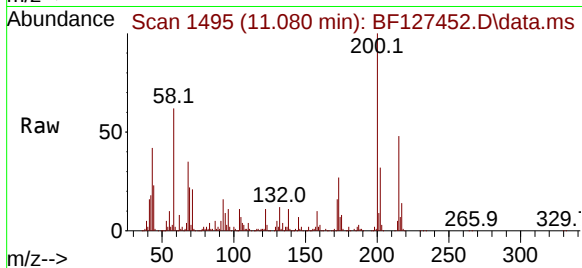
Tgt Ion:200 Resp: 196902

Ion Ratio Lower Upper

200 100

173 26.7 2.9 42.9

215 47.7 28.0 68.0



#70

Pentachlorophenol

Concen: 82.100 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

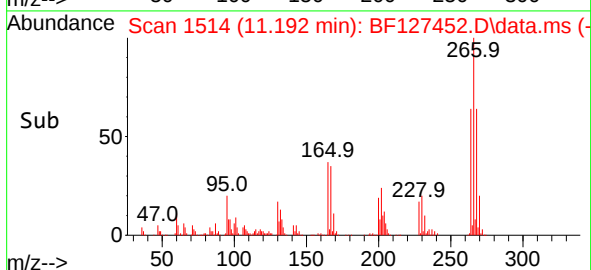
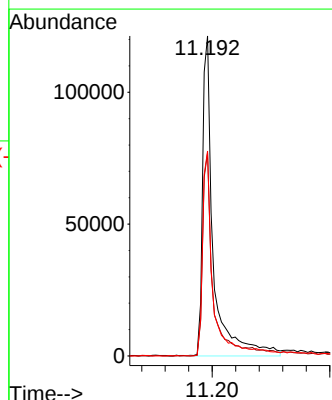
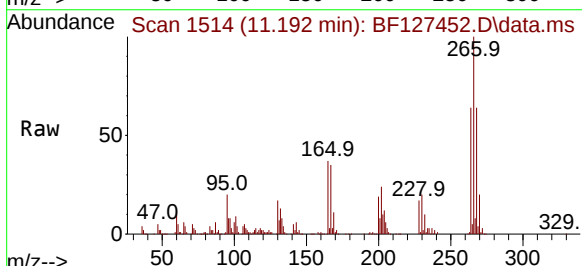
Tgt Ion:266 Resp: 156214

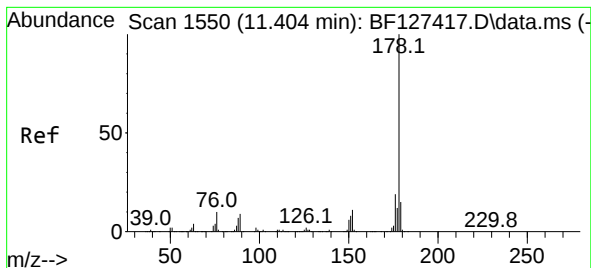
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 64.1 48.5 72.7





#71

Phenanthrene

Concen: 44.453 ng

RT: 11.410 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

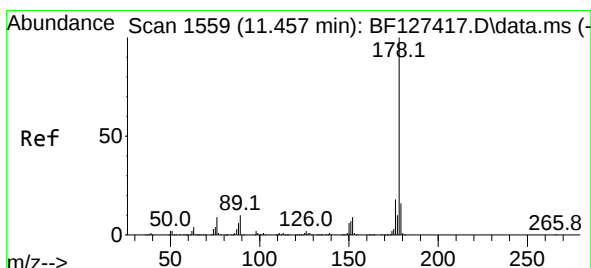
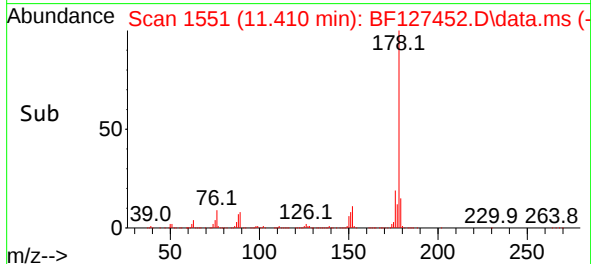
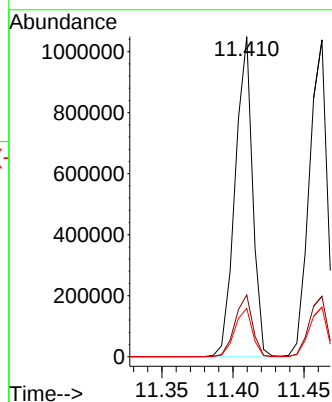
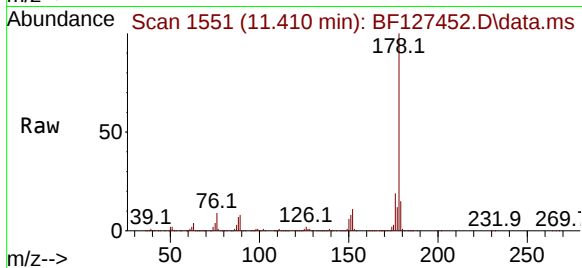
Tgt Ion:178 Resp: 894075

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.1 12.4 18.6



#72

Anthracene

Concen: 45.886 ng

RT: 11.463 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

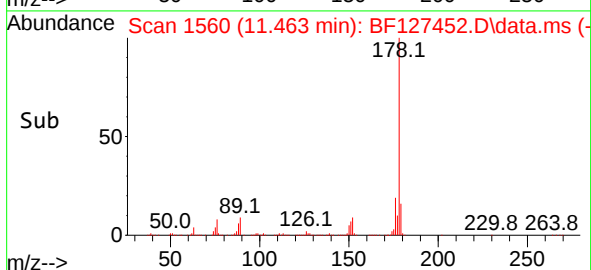
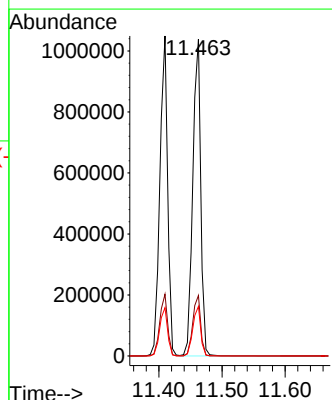
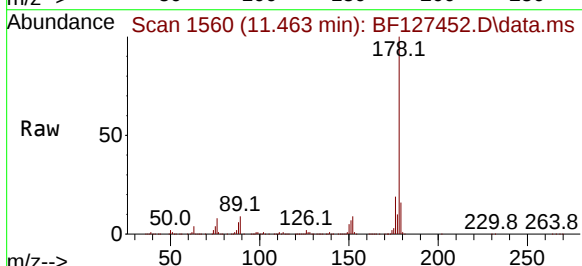
Tgt Ion:178 Resp: 915846

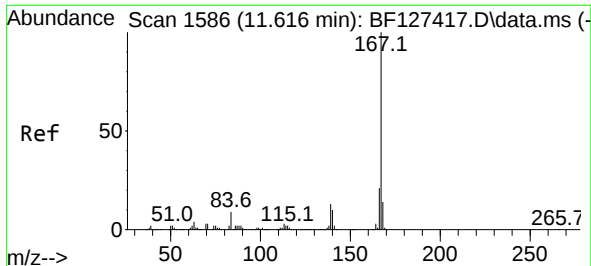
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 15.6 12.4 18.6

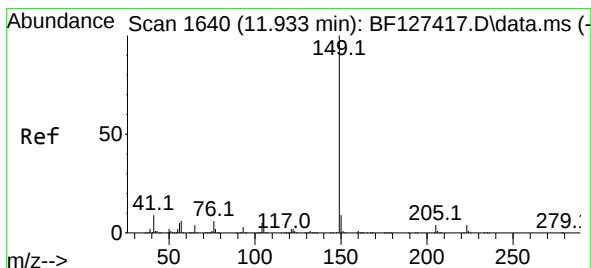
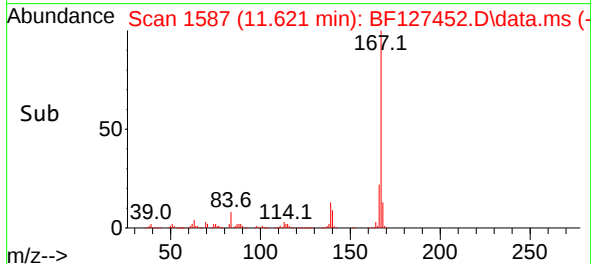
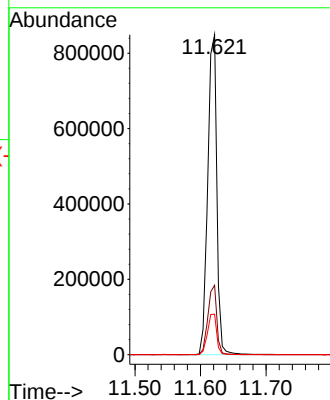
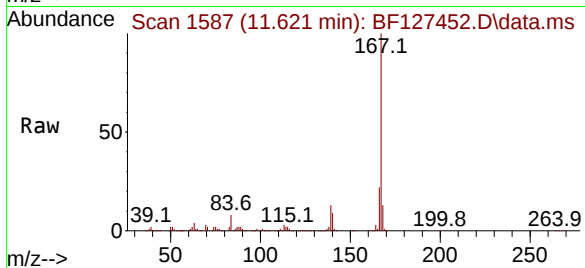




#73  
 Carbazole  
 Concen: 42.909 ng  
 RT: 11.621 min Scan# 1587  
 Delta R.T. 0.006 min  
 Lab File: BF127452.D  
 Acq: 22 Mar 2022 15:18

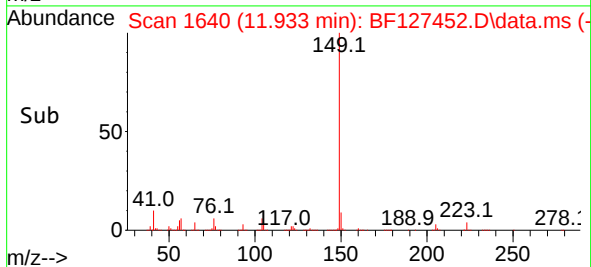
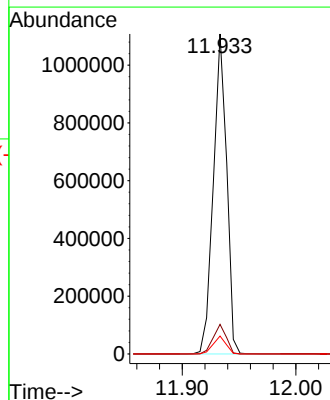
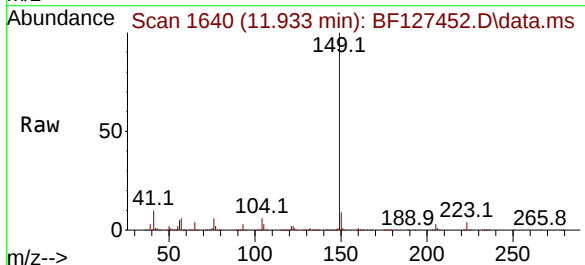
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143505BS

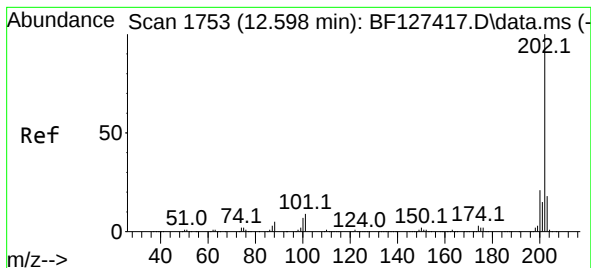
Tgt Ion:167 Resp: 819027  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.0 25.4  
 139 12.7 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 45.560 ng  
 RT: 11.933 min Scan# 1640  
 Delta R.T. 0.000 min  
 Lab File: BF127452.D  
 Acq: 22 Mar 2022 15:18

Tgt Ion:149 Resp: 900171  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 5.6 4.2 6.2





#75

Fluoranthene

Concen: 45.260 ng

RT: 12.598 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

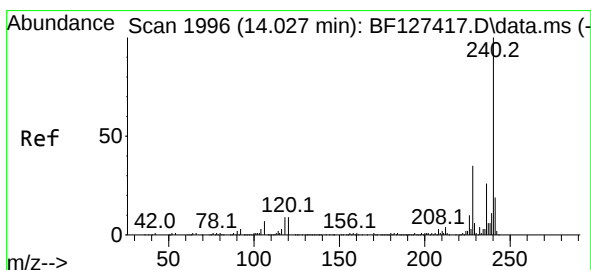
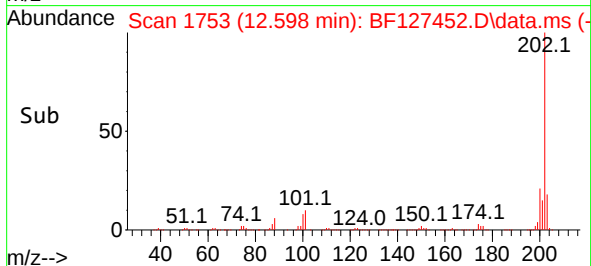
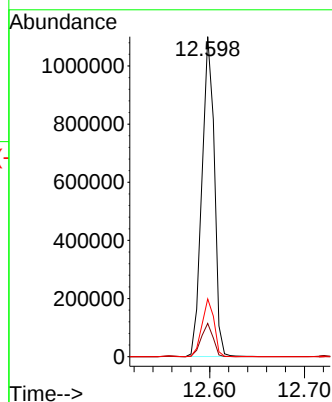
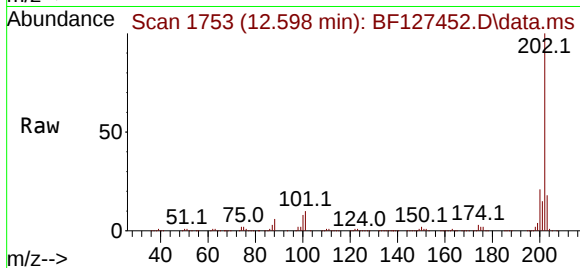
Tgt Ion:202 Resp: 1001253

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.0

203 18.0 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

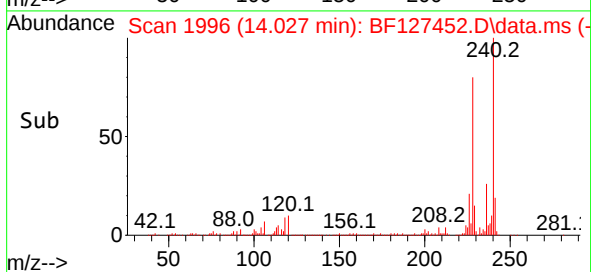
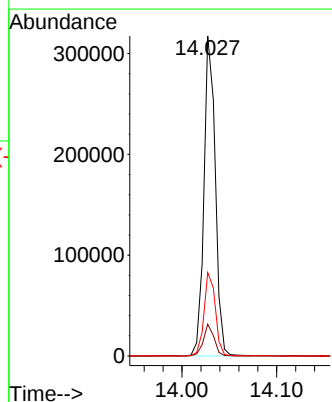
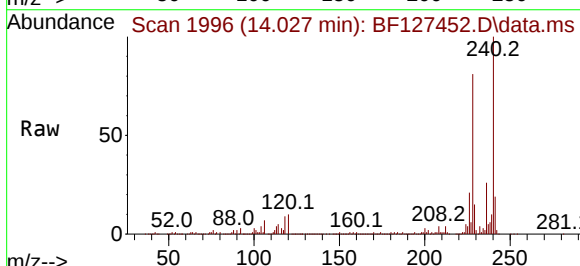
Tgt Ion:240 Resp: 263960

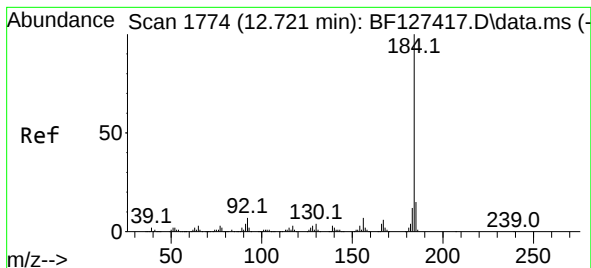
Ion Ratio Lower Upper

240 100

120 10.0 7.1 10.7

236 26.0 20.7 31.1





#77

Benzidine

Concen: 68.638 ng

RT: 12.721 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

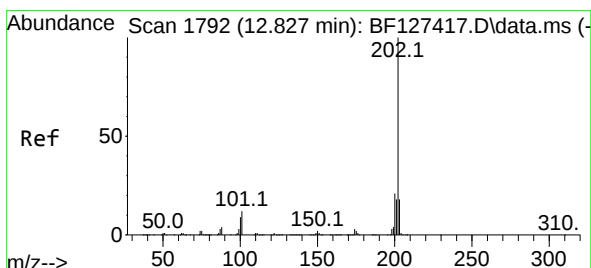
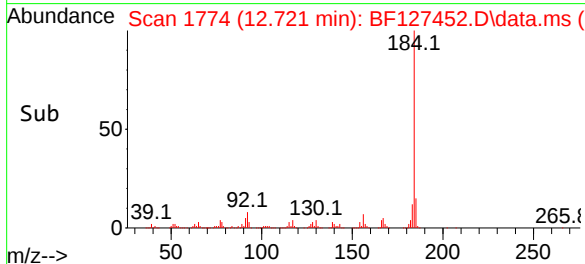
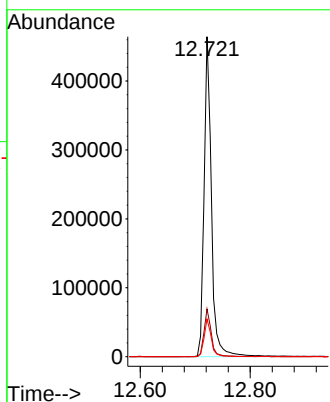
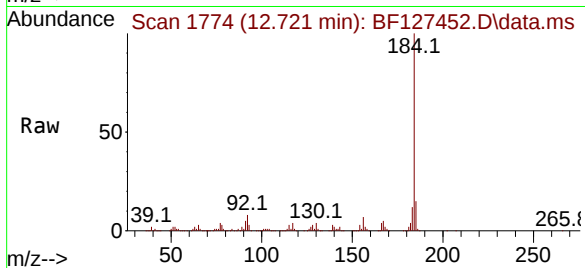
Tgt Ion:184 Resp: 431995

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

183 11.8 9.4 14.0



#78

Pyrene

Concen: 44.192 ng

RT: 12.827 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

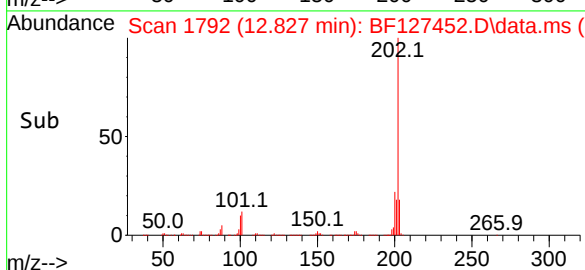
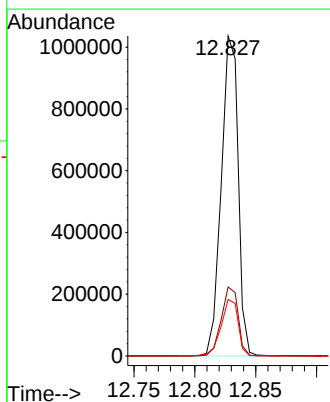
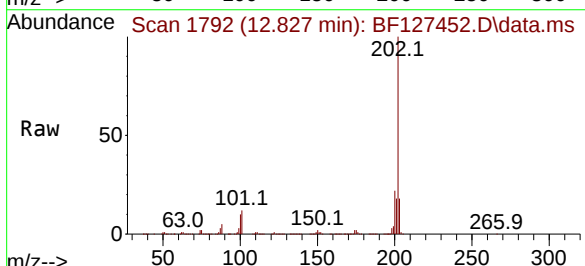
Tgt Ion:202 Resp: 1001117

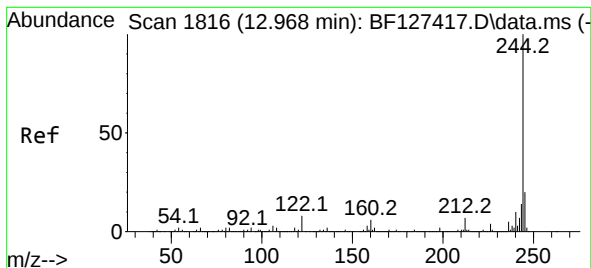
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 84.575 ng

RT: 12.968 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

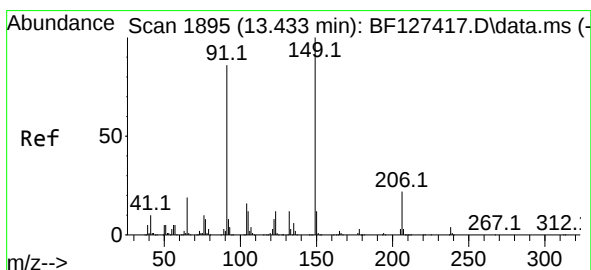
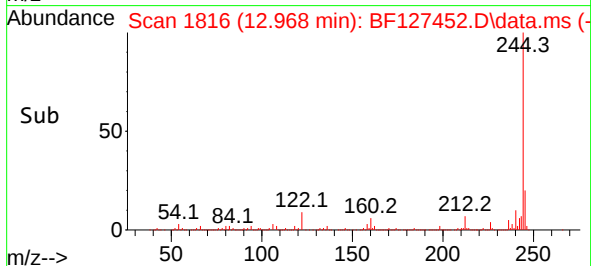
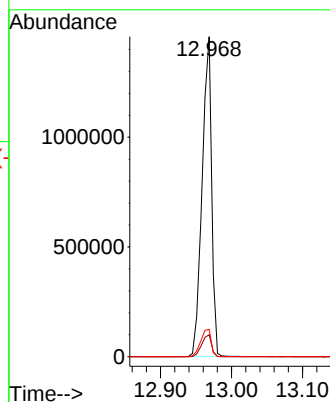
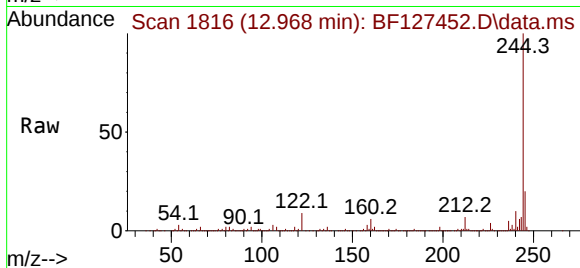
Tgt Ion:244 Resp: 1363723

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 8.5 6.2 9.2



#80

Butylbenzylphthalate

Concen: 48.216 ng

RT: 13.439 min Scan# 1896

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

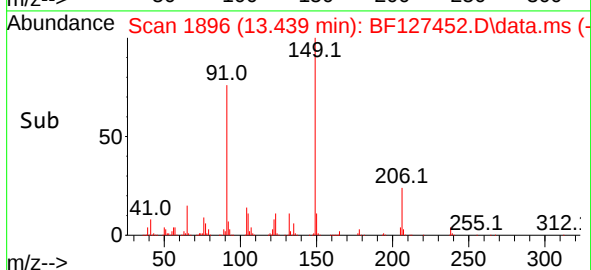
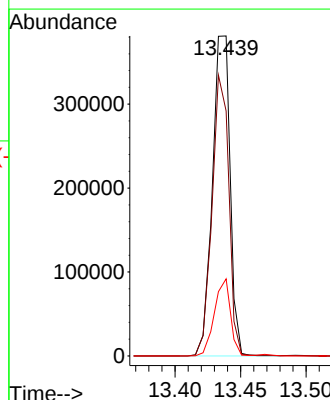
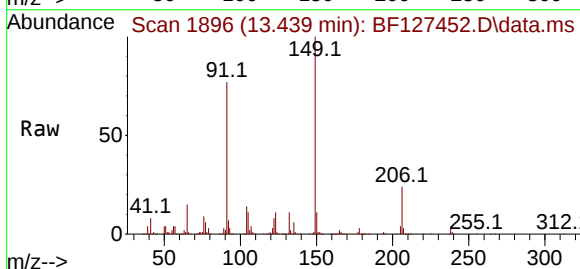
Tgt Ion:149 Resp: 359492

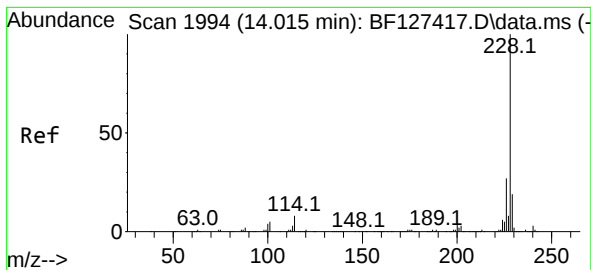
Ion Ratio Lower Upper

149 100

91 76.5 69.1 103.7

206 24.1 17.7 26.5





#81

Benzo(a)anthracene

Concen: 46.125 ng

RT: 14.021 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

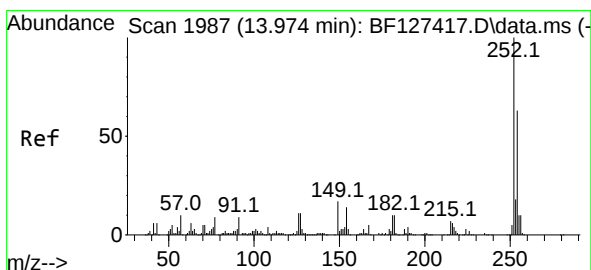
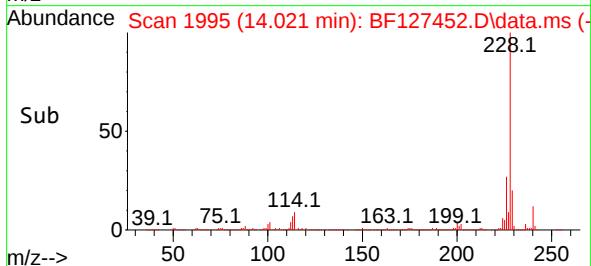
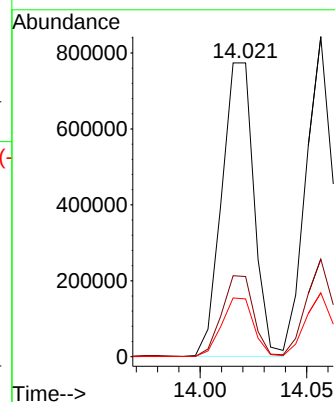
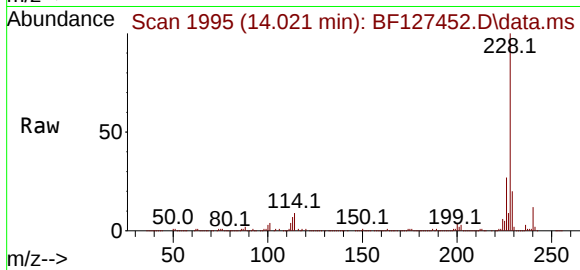
Tgt Ion:228 Resp: 814217

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.7 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 29.788 ng

RT: 13.980 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

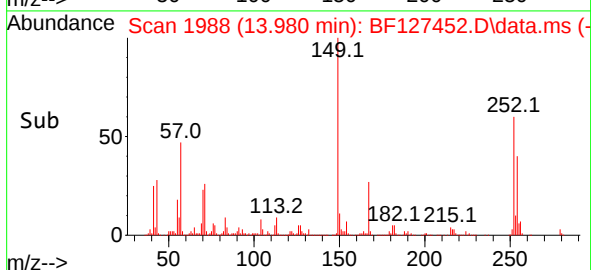
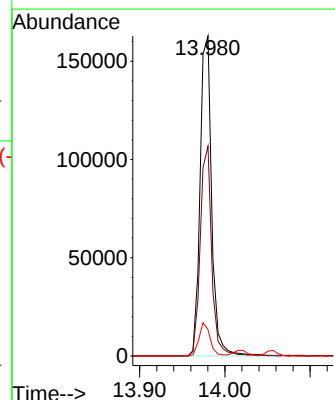
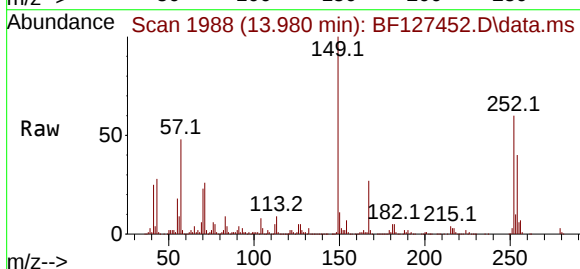
Tgt Ion:252 Resp: 154538

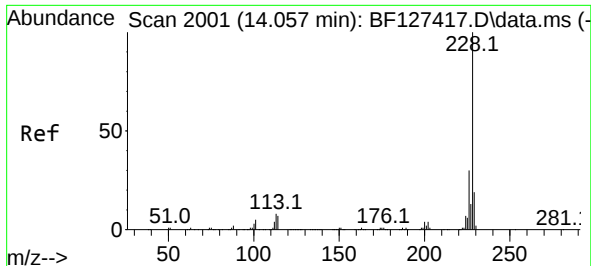
Ion Ratio Lower Upper

252 100

254 65.6 50.2 75.4

126 8.2 8.7 13.1#

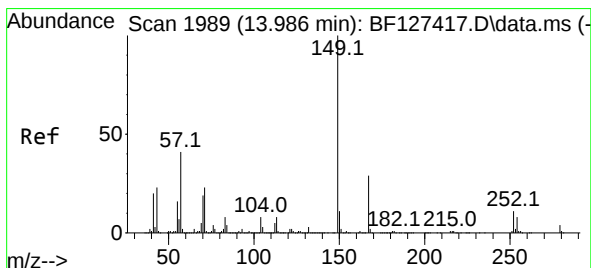
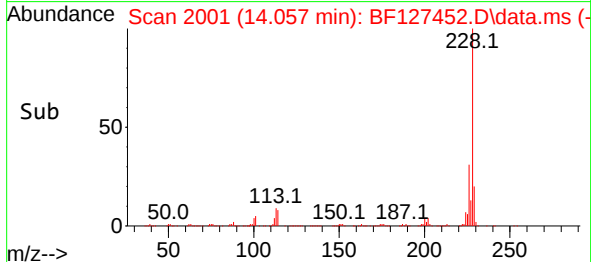
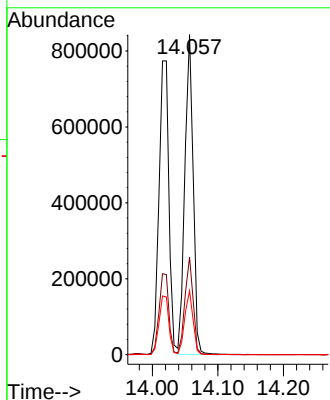
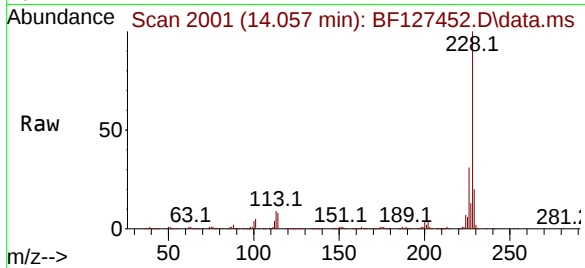




#83  
Chrysene  
Concen: 44.328 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

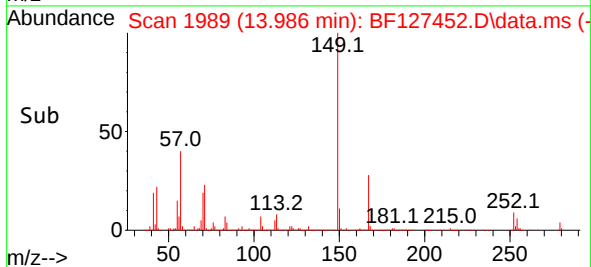
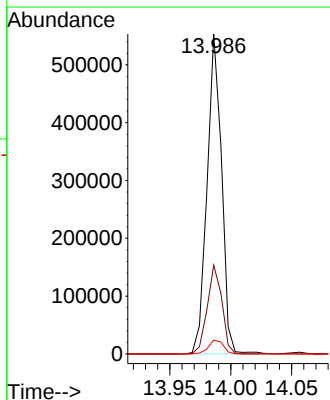
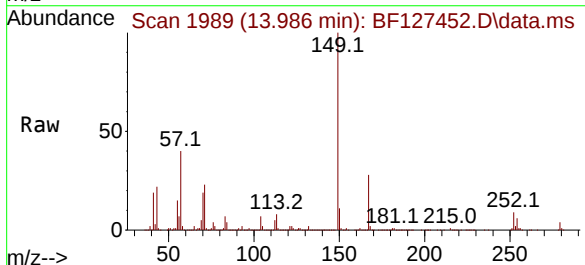
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

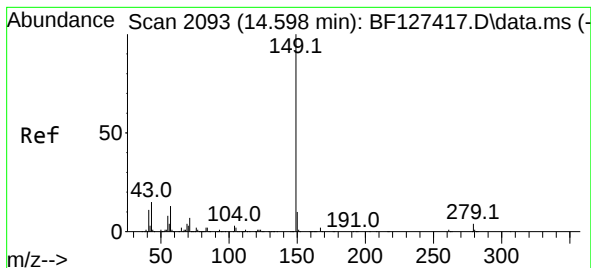
Tgt Ion:228 Resp: 740969  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.2 36.4  
229 19.9 15.4 23.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.084 ng  
RT: 13.986 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:149 Resp: 457517  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.9 34.3  
279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 56.583 ng

RT: 14.598 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

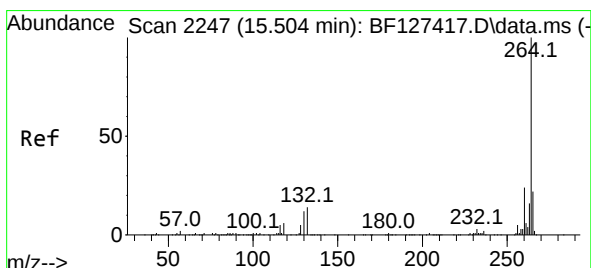
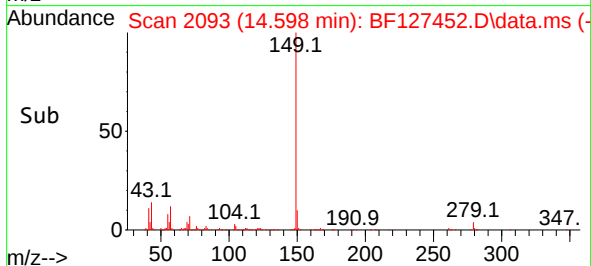
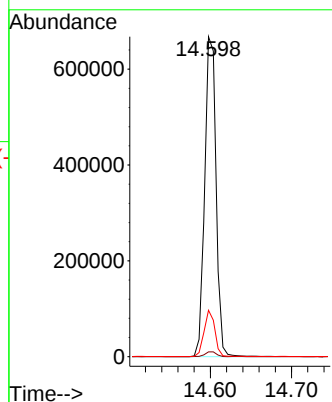
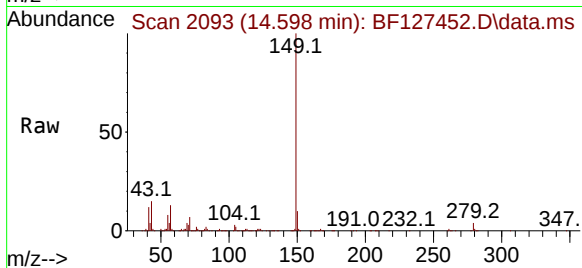
Tgt Ion:149 Resp: 648949

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.7 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

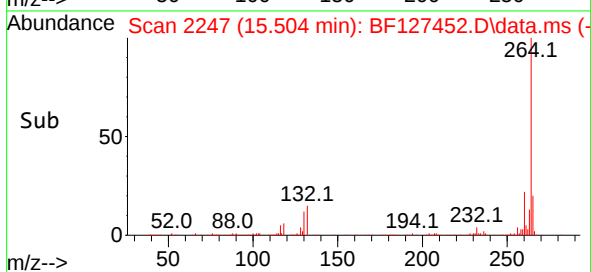
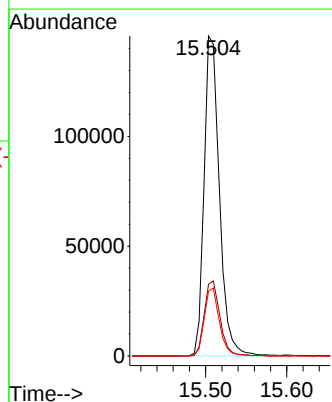
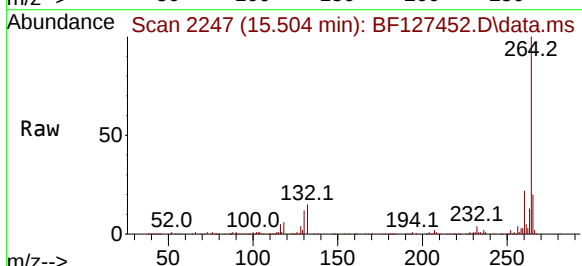
Tgt Ion:264 Resp: 191083

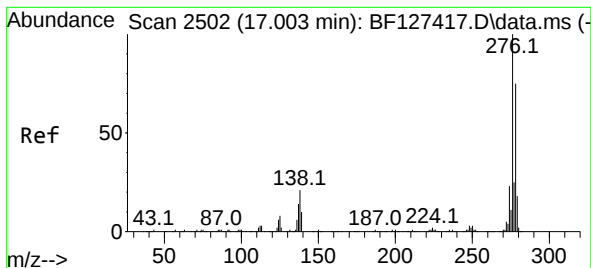
Ion Ratio Lower Upper

264 100

260 22.4 19.1 28.7

265 20.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.672 ng

RT: 17.015 min Scan# 2174

Delta R.T. 0.012 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

PB143505BS

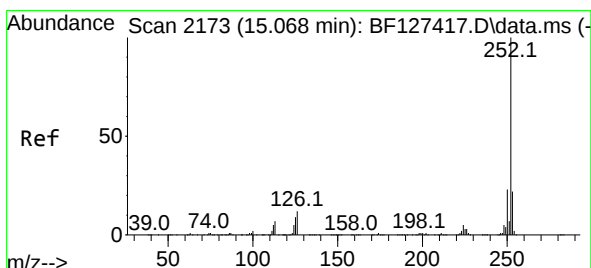
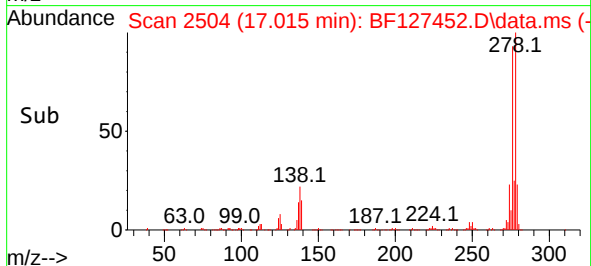
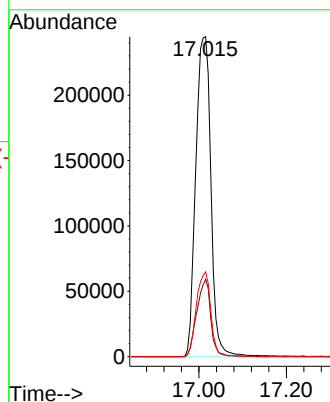
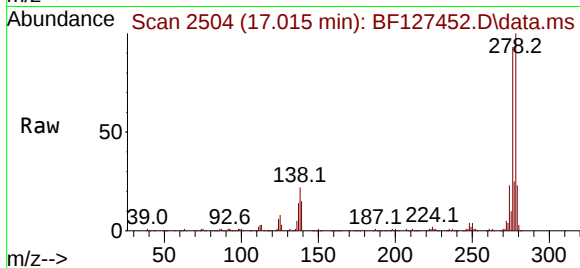
Tgt Ion:276 Resp: 590532

Ion Ratio Lower Upper

276 100

138 22.2 17.1 25.7

277 25.3 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 47.467 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF127452.D

Acq: 22 Mar 2022 15:18

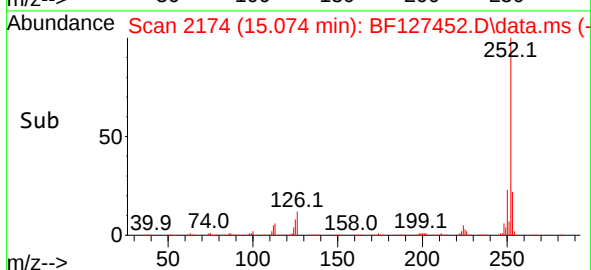
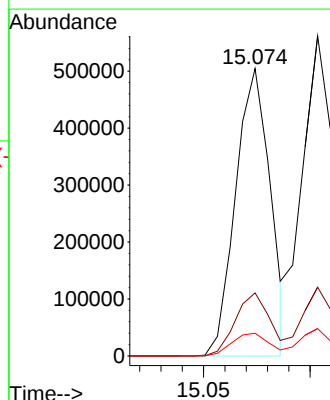
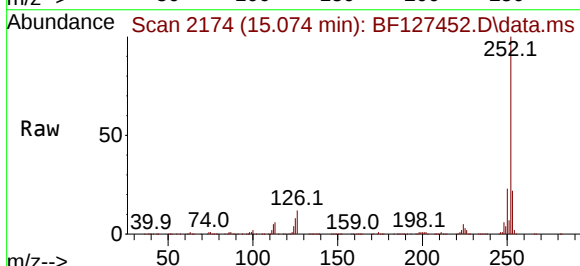
Tgt Ion:252 Resp: 571895

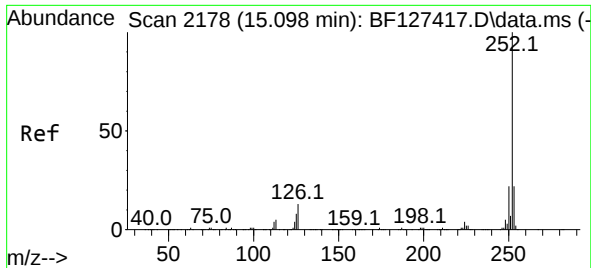
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 7.9 7.0 10.4

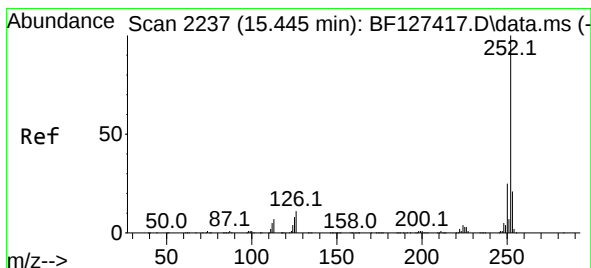
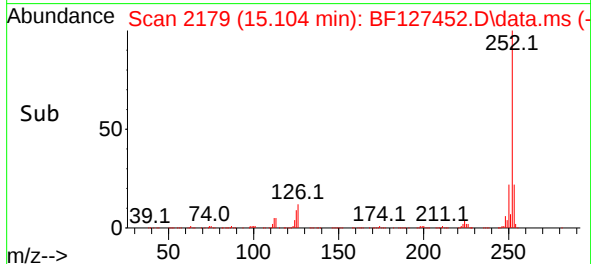
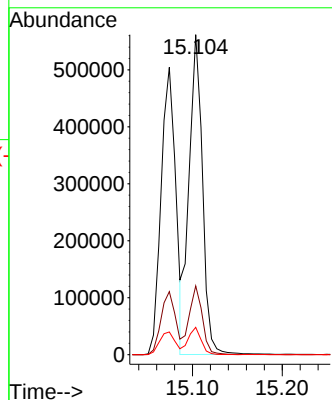
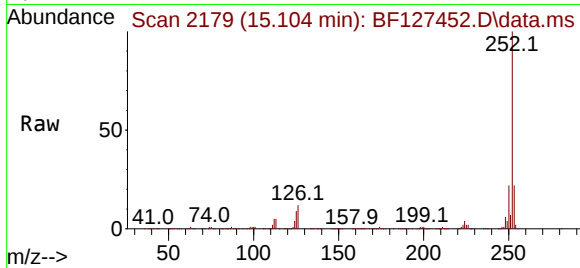




#89  
Benzo(k)fluoranthene  
Concen: 46.789 ng  
RT: 15.104 min Scan# 2178  
Delta R.T. 0.006 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

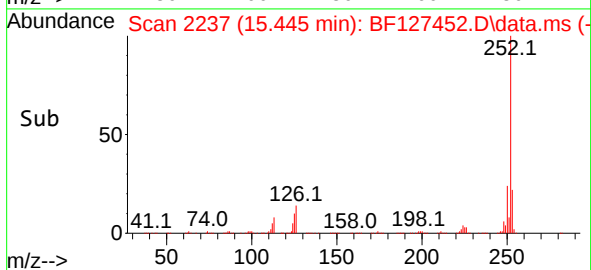
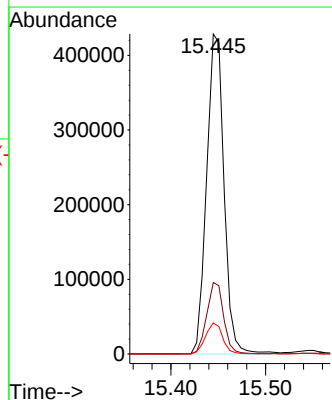
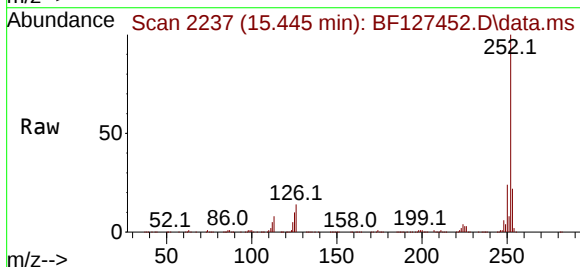
Instrument :  
BNA\_F  
ClientSampleId :  
PB143505BS

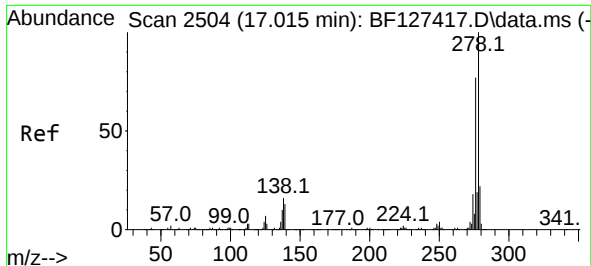
Tgt Ion:252 Resp: 584398  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.3 25.9  
125 8.6 6.9 10.3



#90  
Benzo(a)pyrene  
Concen: 55.388 ng  
RT: 15.445 min Scan# 2237  
Delta R.T. 0.000 min  
Lab File: BF127452.D  
Acq: 22 Mar 2022 15:18

Tgt Ion:252 Resp: 547665  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.0 25.6  
125 9.7 6.7 10.1

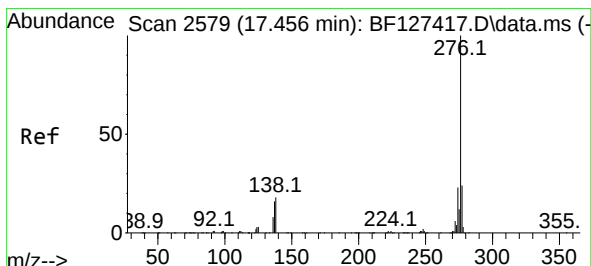
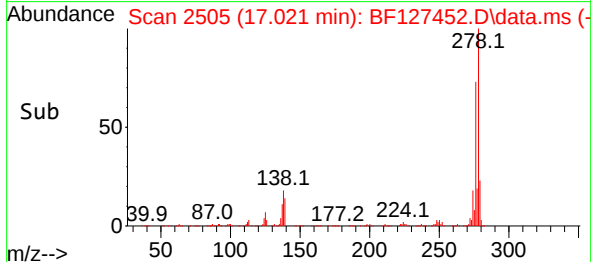
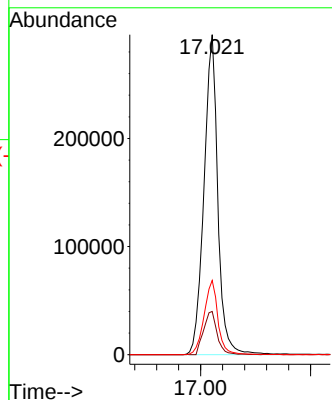
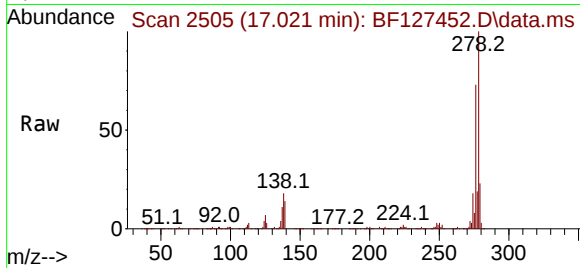




#91  
 Dibenzo(a,h)anthracene  
 Concen: 48.338 ng  
 RT: 17.021 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF127452.D  
 Acq: 22 Mar 2022 15:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143505BS

Tgt Ion:278 Resp: 516009  
 Ion Ratio Lower Upper  
 278 100  
 139 13.5 10.8 16.2  
 279 23.2 17.7 26.5



#92  
 Benzo(g,h,i)perylene  
 Concen: 47.453 ng  
 RT: 17.468 min Scan# 2581  
 Delta R.T. 0.012 min  
 Lab File: BF127452.D  
 Acq: 22 Mar 2022 15:18

Tgt Ion:276 Resp: 523585  
 Ion Ratio Lower Upper  
 276 100  
 277 24.0 19.0 28.4  
 138 17.8 14.6 22.0

