

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061521\  
 Data File : BF124324.D  
 Acq On : 15 Jun 2021 15:50  
 Operator : JU/CG  
 Sample : M2673-04MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-B6(88-92)MSD

Quant Time: Jun 15 16:18:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 15:00:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.786  | 152  | 33540    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 133197   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.827  | 164  | 77507    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 143535   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.962 | 240  | 72800    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.415 | 264  | 82301    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.439  | 112  | 282125   | 126.623 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.445  | 99   | 311426   | 103.987 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 286031   | 85.170  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.627 | 330  | 127901   | 116.476 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 532240   | 86.412  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.904 | 244  | 485786   | 91.616  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 37720    | 38.685  | ng    | # 76     |
| 3) Pyridine                   | 3.463  | 79   | 23883    | 9.564   | ng    | # 63     |
| 4) n-Nitrosodimethylamine     | 3.287  | 42   | 57123    | 38.497  | ng    | 100      |
| 6) Aniline                    | 6.522  | 93   | 108510   | 31.721  | ng    | # 53     |
| 8) 2-Chlorophenol             | 6.586  | 128  | 112187   | 45.251  | ng    | 95       |
| 9) Benzaldehyde               | 6.339  | 77   | 73182    | 54.974  | ng    | 89       |
| 10) Phenol                    | 6.457  | 94   | 114067   | 35.243  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 108510   | 45.989  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.957  | 146  | 113067   | 39.012  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 117834   | 40.532  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 6.957  | 146  | 113067   | 40.656  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.939  | 79   | 79040    | 29.276  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 154315   | 41.924  | ng    | # 1      |
| 17) 2-Methylphenol            | 7.063  | 107  | 91281    | 45.292  | ng    | # 80     |
| 18) Hexachloroethane          | 7.292  | 117  | 47488    | 41.480  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 97078    | 45.918  | ng    | # 81     |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 117989   | 44.184  | ng    | # 66     |
| 22) Acetophenone              | 7.198  | 105  | 172789   | 45.506  | ng    | # 90     |
| 24) Nitrobenzene              | 7.375  | 77   | 146102   | 43.366  | ng    | 95       |
| 25) Isophorone                | 7.616  | 82   | 241992   | 39.987  | ng    | 95       |
| 26) 2-Nitrophenol             | 7.692  | 139  | 64304    | 42.728  | ng    | # 85     |
| 27) 2,4-Dimethylphenol        | 7.739  | 122  | 101327   | 47.747  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 138217   | 46.069  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.951  | 162  | 107360   | 43.721  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 8.010  | 180  | 109334   | 39.730  | ng    | 95       |
| 31) Naphthalene               | 8.092  | 128  | 323643   | 40.641  | ng    | 98       |
| 32) Benzoic acid              | 7.863  | 122  | 21283    | 16.344  | ng    | 83       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 13391    | 4.521   | ng    | # 85     |
| 34) Hexachlorobutadiene       | 8.210  | 225  | 73203    | 37.659  | ng    | 95       |
| 35) Caprolactam               | 8.533  | 113  | 13616    | 20.184  | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 107702   | 40.088  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.786  | 142  | 236871   | 42.416  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.886  | 142  | 219319   | 42.026  | ng    | 92       |
| 40) 1,2,4,5-Tetrachloroben... | 8.951  | 216  | 126050   | 45.901  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 8.939  | 237  | 120526   | 80.831  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.075  | 196  | 78686    | 43.934  | ng    | 97       |

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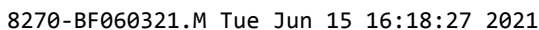
Instrument :  
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 17-B6(88-92)MSD

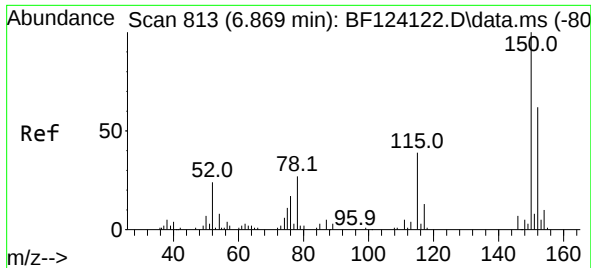
Quant Time: Jun 15 16:18:18 2021  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 15:00:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.127  | 196  | 83529    | 43.445 | ng    | # 88     |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 294343   | 44.987 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.274  | 162  | 230838   | 43.345 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.380  | 65   | 83961    | 43.687 | ng    | 95       |
| 49) Acenaphthylene            | 9.692  | 152  | 335871   | 43.388 | ng    | 96       |
| 50) Dimethylphthalate         | 9.557  | 163  | 306041   | 47.725 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.622  | 165  | 62808    | 42.718 | ng    | # 82     |
| 52) Acenaphthene              | 9.863  | 154  | 214299   | 42.385 | ng    | 96       |
| 53) 3-Nitroaniline            | 9.792  | 138  | 23779    | 17.280 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 47910    | 64.447 | ng    | # 82     |
| 55) Dibenzofuran              | 10.033 | 168  | 344099   | 43.484 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.980  | 139  | 55874    | 56.815 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.027 | 165  | 86942    | 44.836 | ng    | # 88     |
| 58) Fluorene                  | 10.380 | 166  | 260173   | 42.832 | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232  | 62822    | 40.321 | ng    | 95       |
| 60) Diethylphthalate          | 10.257 | 149  | 278985   | 43.109 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204  | 133399   | 42.951 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.416 | 138  | 49838    | 36.020 | ng    | 90       |
| 63) Azobenzene                | 10.533 | 77   | 278953   | 41.351 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198  | 36982    | 32.061 | ng    | # 75     |
| 66) n-Nitrosodiphenylamine    | 10.492 | 169  | 227918   | 41.791 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 81745    | 41.492 | ng    | # 81     |
| 68) Hexachlorobenzene         | 10.927 | 284  | 92805    | 41.590 | ng    | 95       |
| 69) Atrazine                  | 11.027 | 200  | 73574    | 47.657 | ng    | 92       |
| 70) Pentachlorophenol         | 11.127 | 266  | 50500    | 45.107 | ng    | 96       |
| 71) Phenanthrene              | 11.345 | 178  | 385961   | 43.045 | ng    | 98       |
| 72) Anthracene                | 11.392 | 178  | 389878   | 43.176 | ng    | 99       |
| 73) Carbazole                 | 11.551 | 167  | 308140   | 39.158 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 420748   | 41.604 | ng    | 99       |
| 75) Fluoranthene              | 12.533 | 202  | 352946   | 37.500 | ng    | 98       |
| 77) Benzidine                 | 12.651 | 184  | 38042    | 24.585 | ng    | # 91     |
| 78) Pyrene                    | 12.762 | 202  | 338807   | 48.466 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 119681   | 42.203 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.951 | 228  | 225734   | 42.564 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.909 | 252  | 35617    | 22.892 | ng    | # 99     |
| 83) Chrysene                  | 13.986 | 228  | 218978   | 42.796 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 158505   | 46.987 | ng    | 93       |
| 85) Di-n-octyl phthalate      | 14.551 | 149  | 244992   | 54.418 | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.880 | 276  | 272701   | 40.551 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.998 | 252  | 240569   | 37.629 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.027 | 252  | 230460   | 38.078 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.362 | 252  | 236205   | 42.537 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 16.886 | 278  | 225822   | 39.446 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.309 | 276  | 210493   | 37.400 | ng    | 93       |

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

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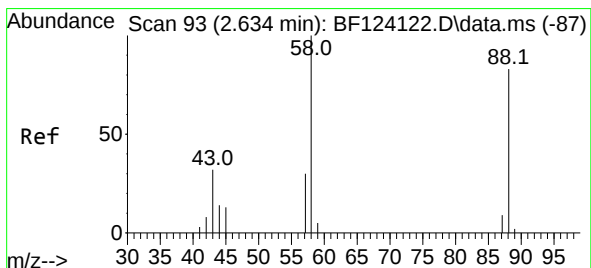
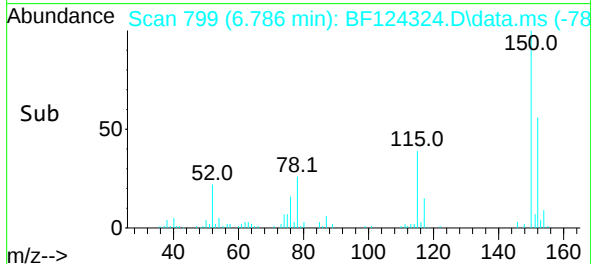
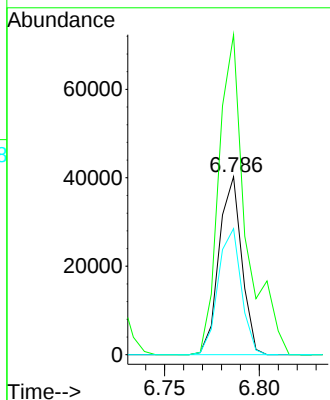
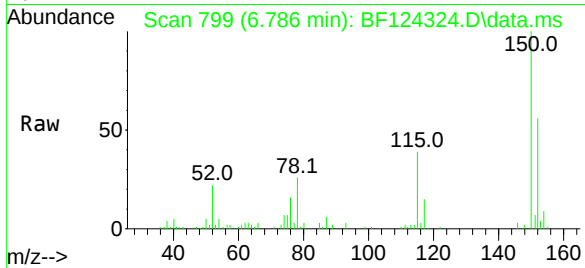




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.786 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: BF124324.D  
 Acq: 15 Jun 2021 15:50

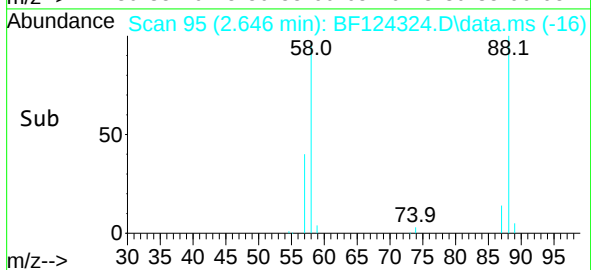
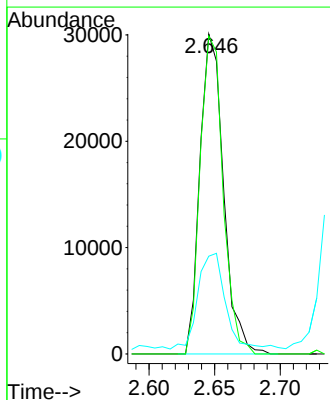
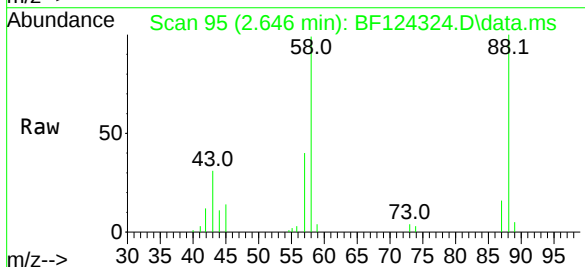
Instrument :  
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 17-B6(88-92)MSD

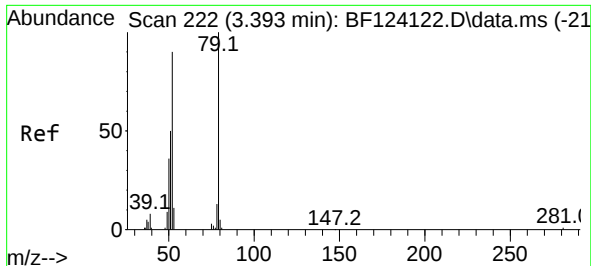
Tgt Ion:152 Resp: 33540  
 Ion Ratio Lower Upper  
 152 100  
 150 179.8 127.0 190.6  
 115 70.8 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 38.685 ng  
 RT: 2.646 min Scan# 95  
 Delta R.T. 0.165 min  
 Lab File: BF124324.D  
 Acq: 15 Jun 2021 15:50

Tgt Ion: 88 Resp: 37720  
 Ion Ratio Lower Upper  
 88 100  
 58 96.3 83.8 125.8  
 43 0.0 32.2 48.4#

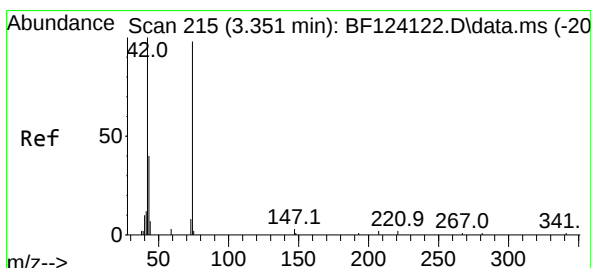
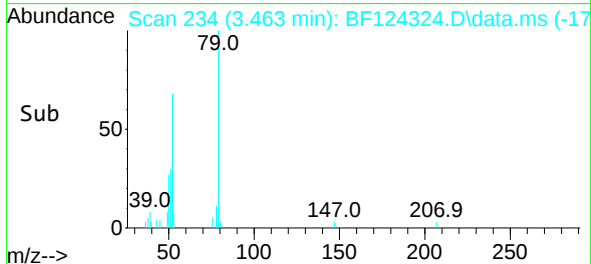
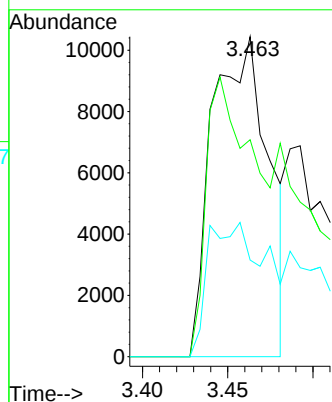
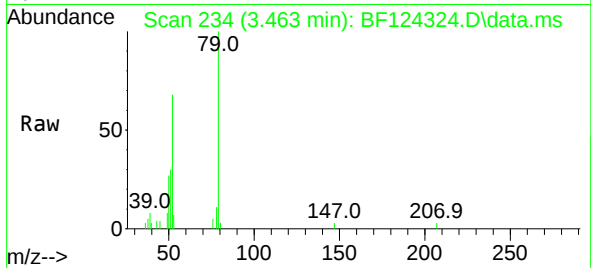




#3  
Pyridine  
Concen: 9.564 ng  
RT: 3.463 min Scan# 234  
Delta R.T. 0.235 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

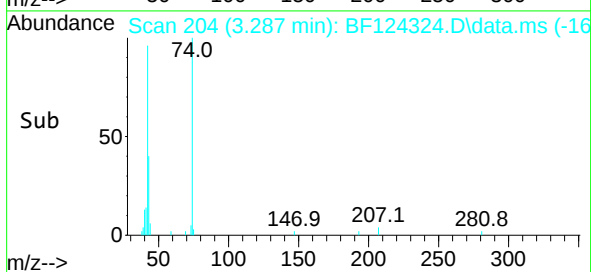
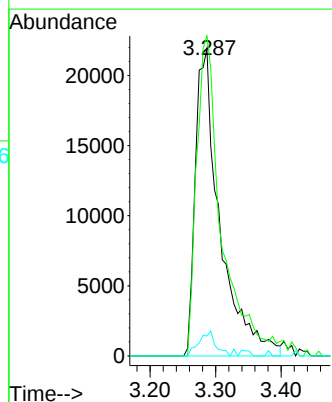
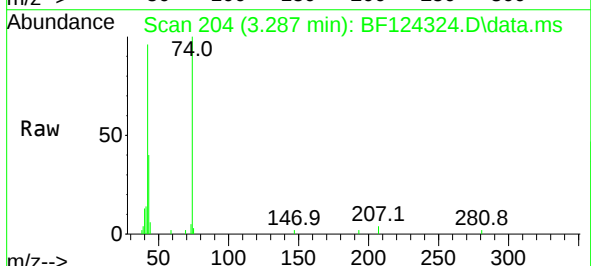
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17-B6(88-92)MSD

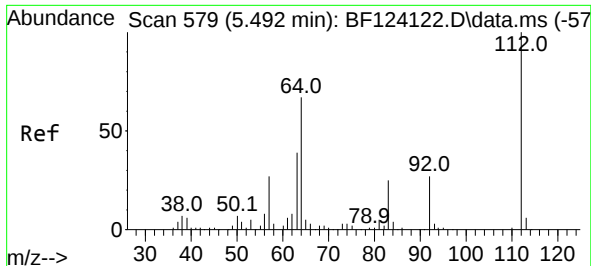
Tgt Ion: 79 Resp: 23883  
Ion Ratio Lower Upper  
79 100  
52 67.8 87.4 131.0#  
51 30.2 41.4 62.0#



#4  
n-Nitrosodimethylamine  
Concen: 38.497 ng  
RT: 3.287 min Scan# 204  
Delta R.T. 0.106 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion: 42 Resp: 57123  
Ion Ratio Lower Upper  
42 100  
74 104.2 83.5 125.3  
44 6.5 5.7 8.5

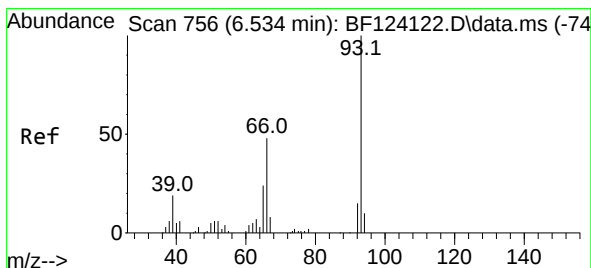
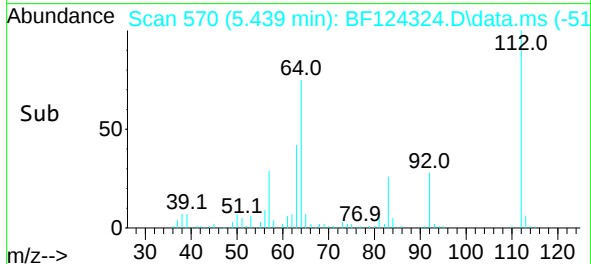
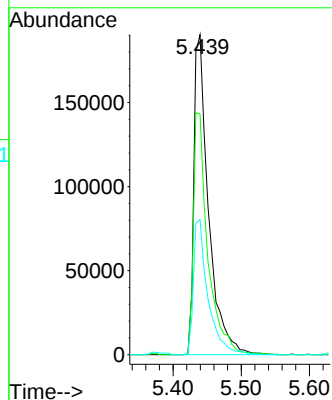
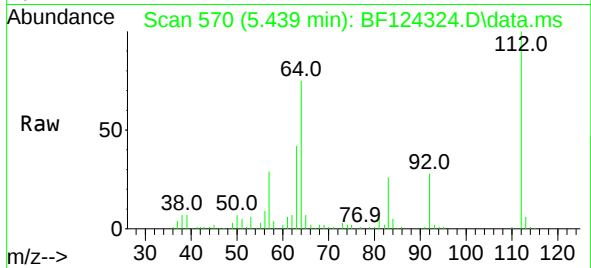




#5  
2-Fluorophenol  
Concen: 126.623 ng  
RT: 5.439 min Scan# 570  
Delta R.T. 0.023 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

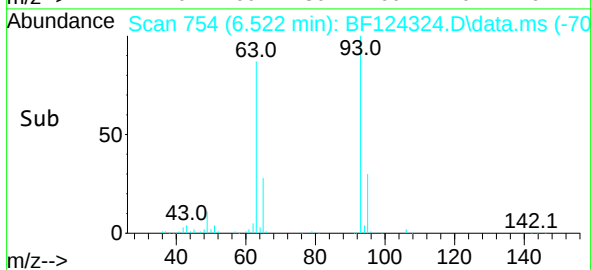
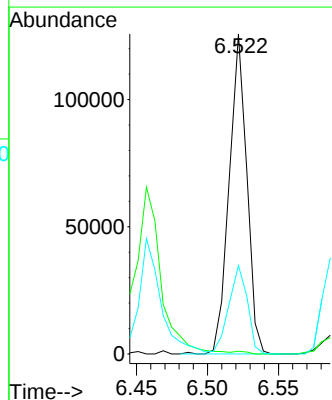
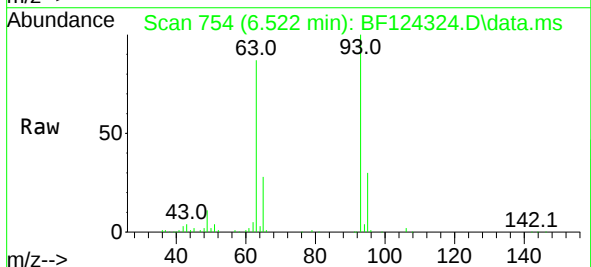
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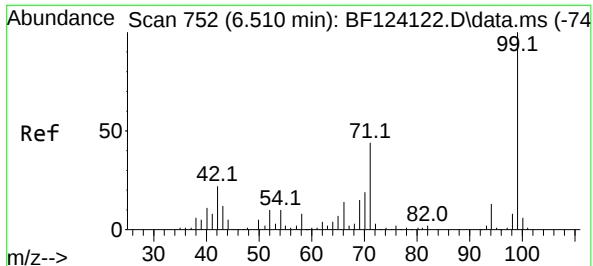
Tgt Ion:112 Resp: 282125  
Ion Ratio Lower Upper  
112 100  
64 75.2 61.4 92.0  
63 42.2 33.0 49.4



#6  
Aniline  
Concen: 31.721 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion: 93 Resp: 108510  
Ion Ratio Lower Upper  
93 100  
66 0.9 36.4 54.6#  
65 27.7 19.4 29.0

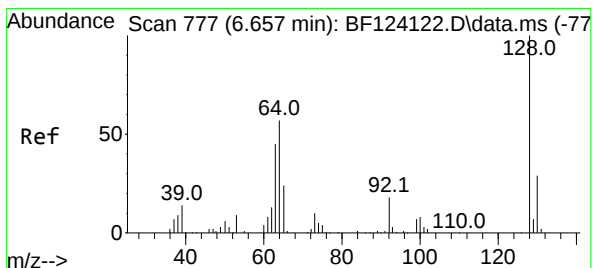
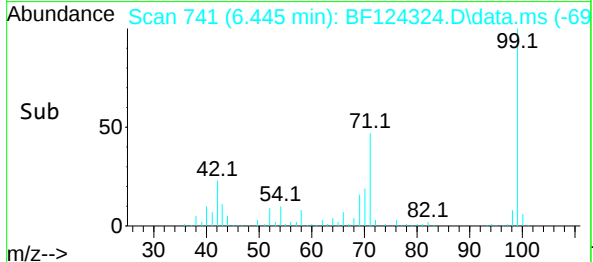
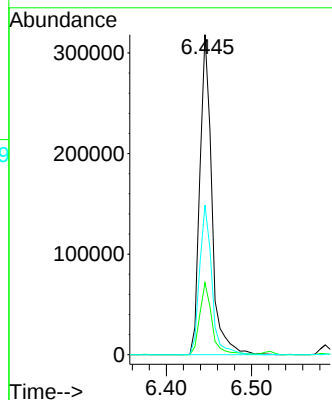
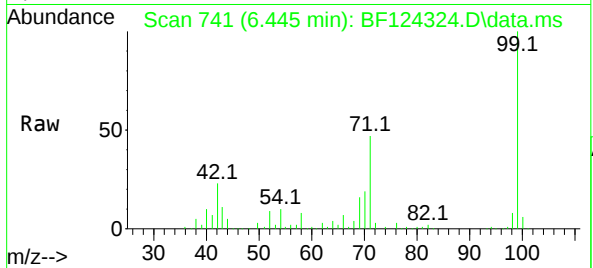




#7  
Phenol-d6  
Concen: 103.987 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

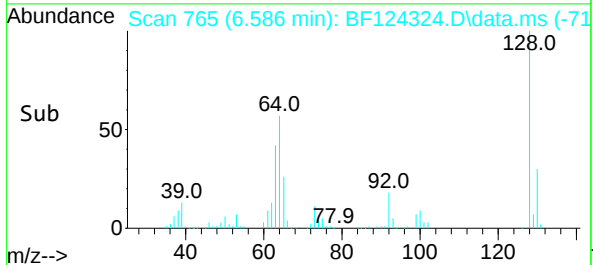
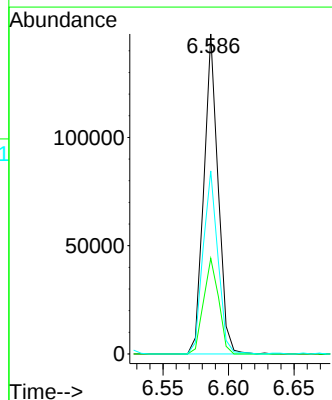
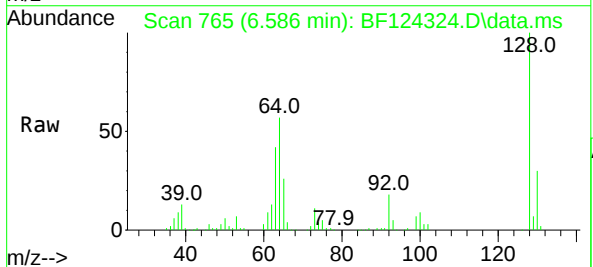
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BNA\_F  
ClientSampleId :  
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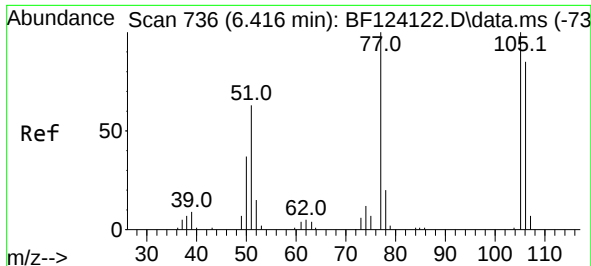
Tgt Ion: 99 Resp: 311426  
Ion Ratio Lower Upper  
99 100  
42 22.5 19.8 29.8  
71 46.7 31.1 46.7#



#8  
2-Chlorophenol  
Concen: 45.251 ng  
RT: 6.586 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:128 Resp: 112187  
Ion Ratio Lower Upper  
128 100  
130 29.9 12.6 52.6  
64 57.2 41.5 81.5

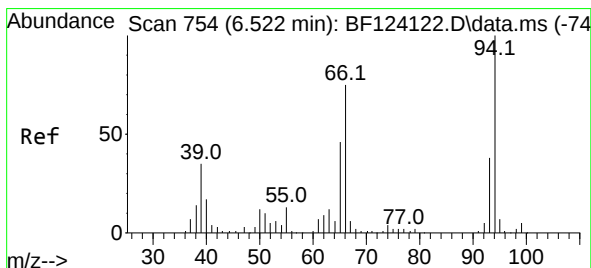
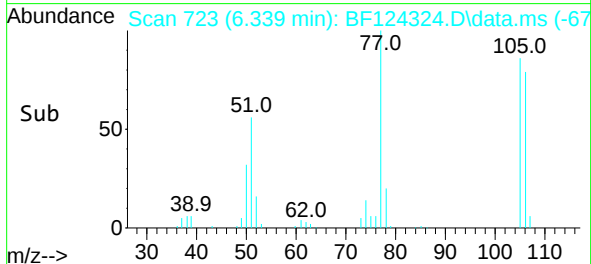
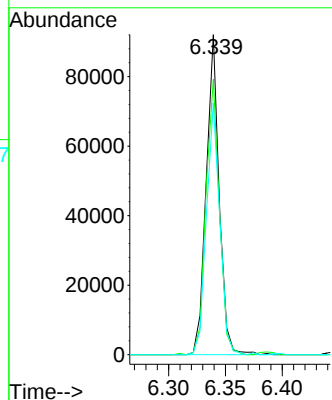
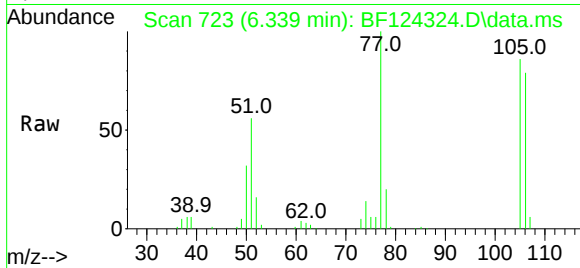




#9  
Benzaldehyde  
Concen: 54.974 ng  
RT: 6.339 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

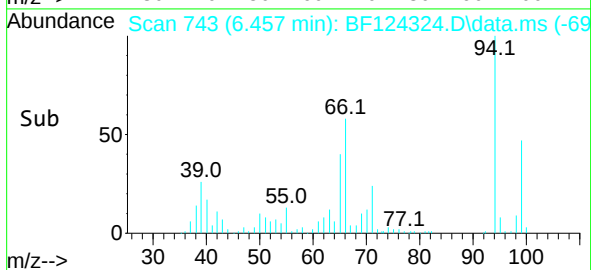
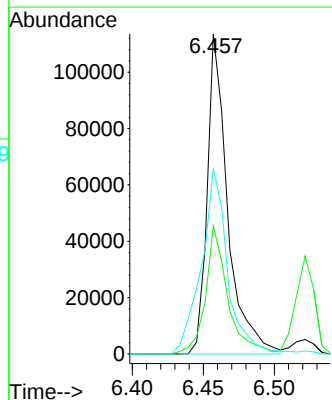
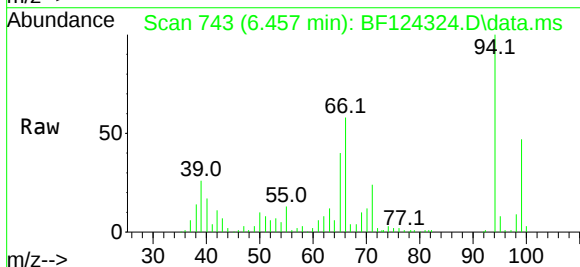
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

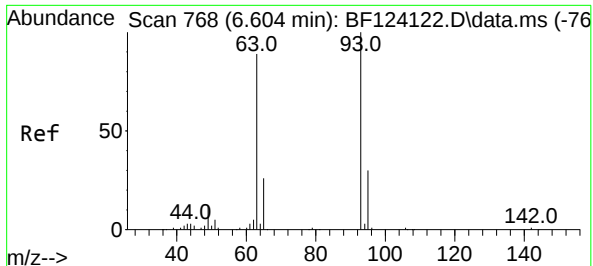
|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion: 77 | Resp: 73182 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 77 100      |             |       |  |
| 105 86.0    | 75.2        | 115.2 |  |
| 106 78.7    | 71.6        | 111.6 |  |



#10  
Phenol  
Concen: 35.243 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

|             |              |
|-------------|--------------|
| Tgt Ion: 94 | Resp: 114067 |
| Ion Ratio   | Lower Upper  |
| 94 100      |              |
| 65 40.0     | 18.1 58.1    |
| 66 57.8     | 29.0 69.0    |



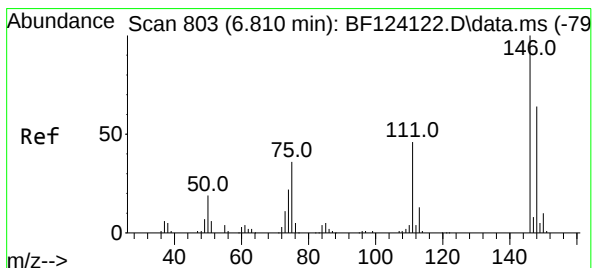
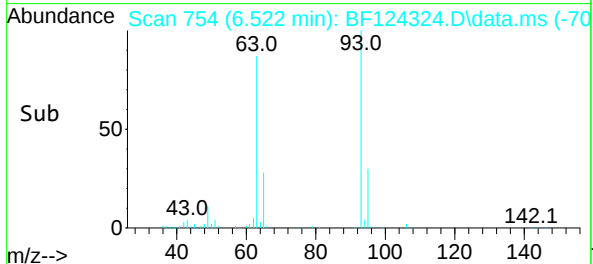
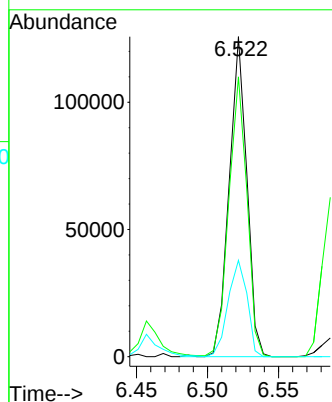
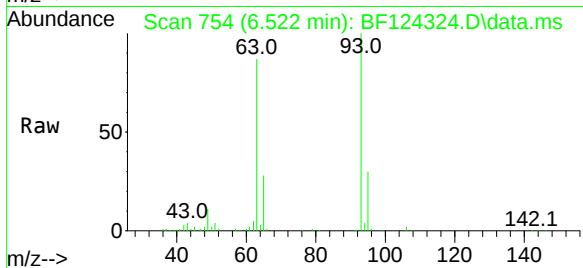


#11

bis(2-Chloroethyl)ether  
Concen: 45.989 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

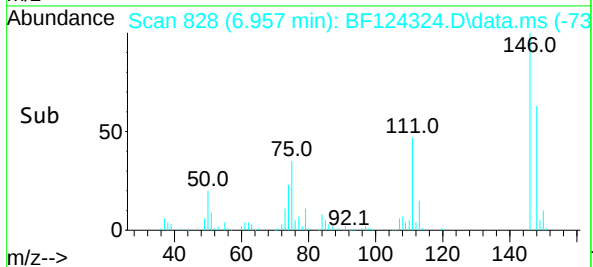
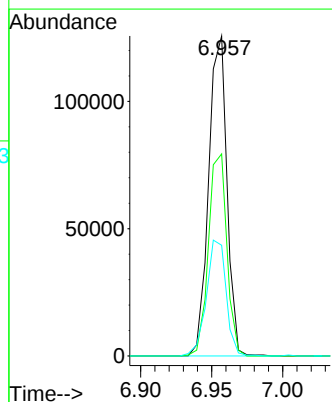
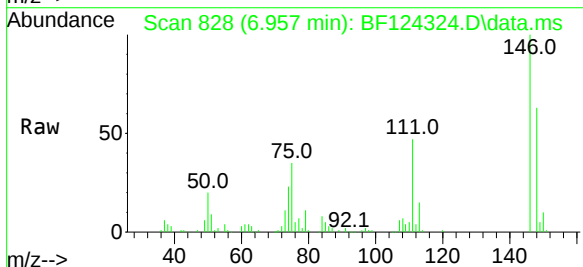
Tgt Ion: 93 Resp: 108510  
Ion Ratio Lower Upper  
93 100  
63 87.5 76.1 116.1  
95 30.1 11.5 51.5

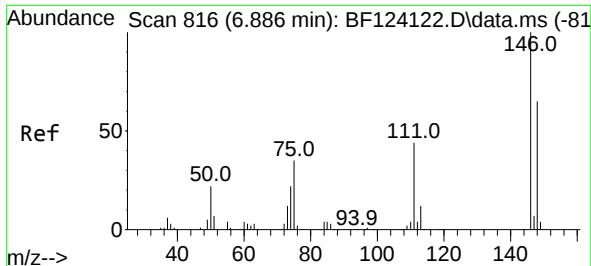


#12

1,3-Dichlorobenzene  
Concen: 39.012 ng  
RT: 6.957 min Scan# 828  
Delta R.T. 0.229 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion: 146 Resp: 113067  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.9 76.3  
75 34.6 34.2 51.4

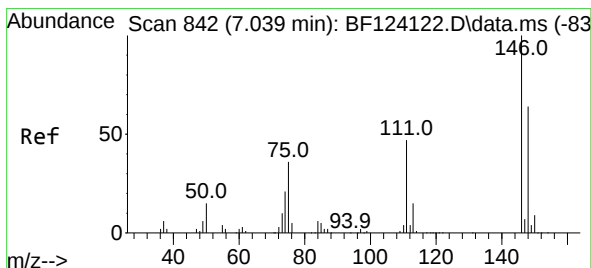
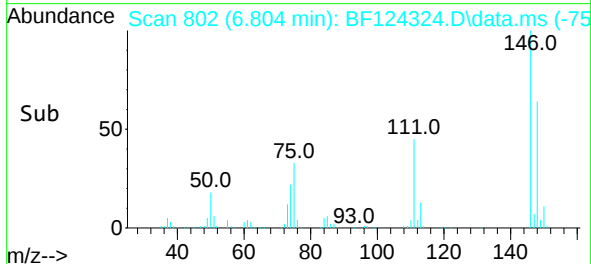
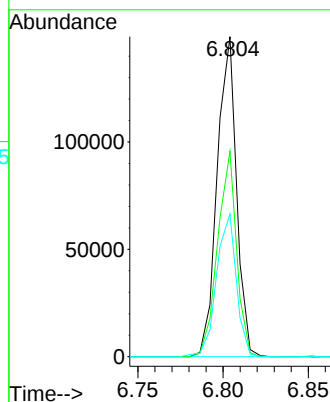
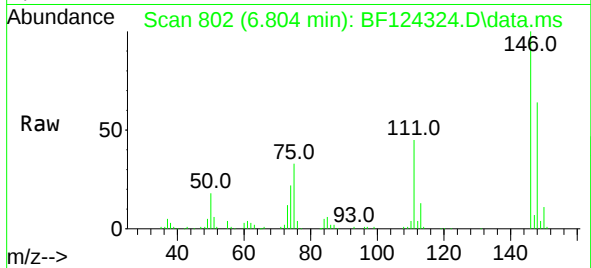




#13  
1,4-Dichlorobenzene  
Concen: 40.532 ng  
RT: 6.804 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

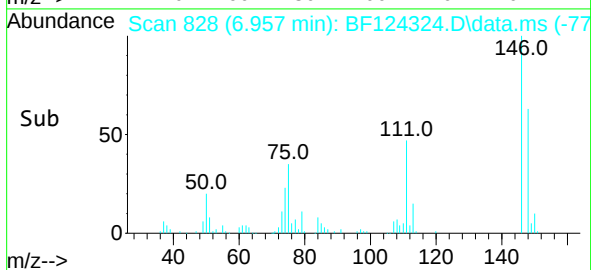
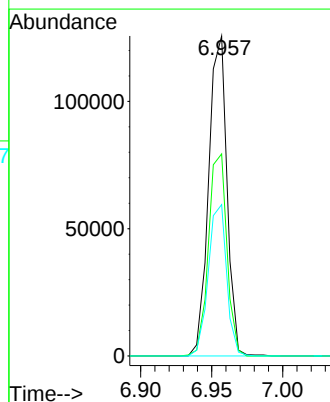
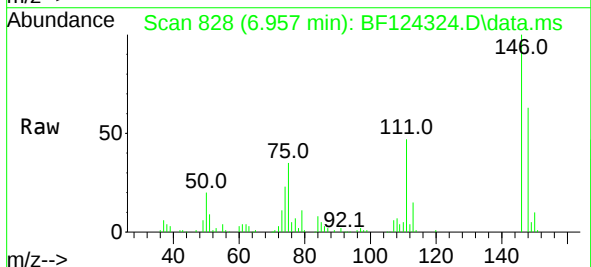
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

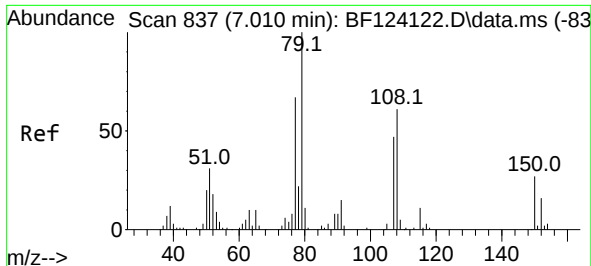
Tgt Ion:146 Resp: 117834  
Ion Ratio Lower Upper  
146 100  
148 64.2 49.9 74.9  
111 44.6 39.5 59.3



#14  
1,2-Dichlorobenzene  
Concen: 40.656 ng  
RT: 6.957 min Scan# 828  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:146 Resp: 113067  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.6 77.4  
111 47.3 38.4 57.6

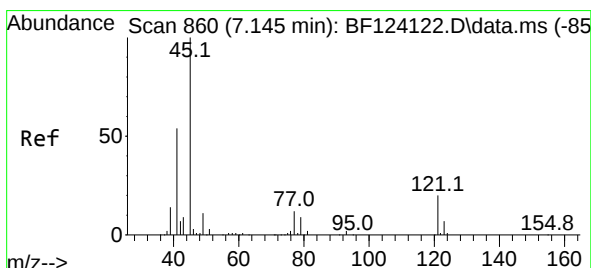
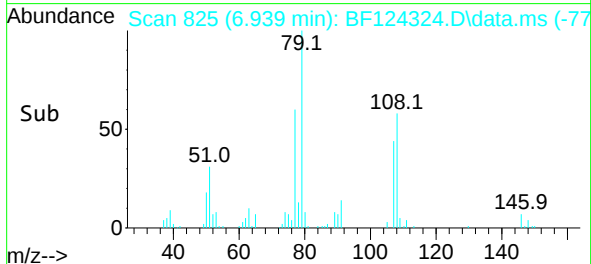
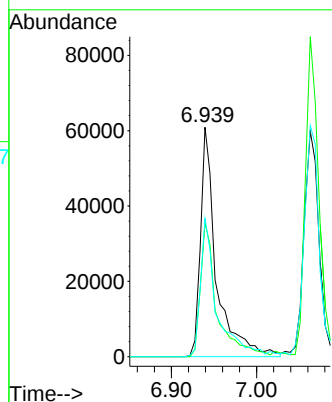
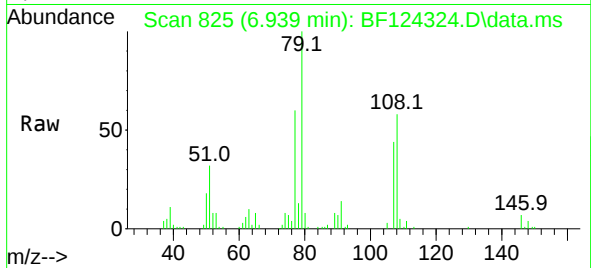




#15  
Benzyl Alcohol  
Concen: 29.276 ng  
RT: 6.939 min Scan# 825  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

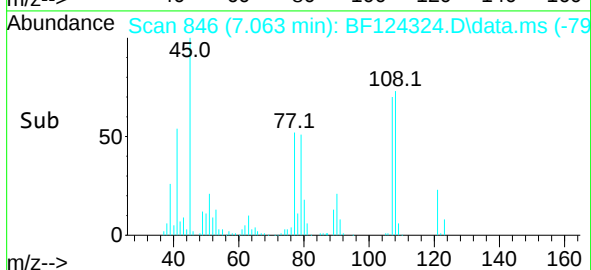
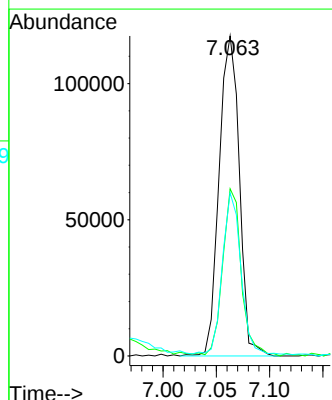
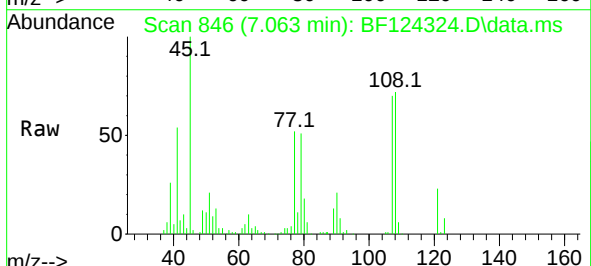
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

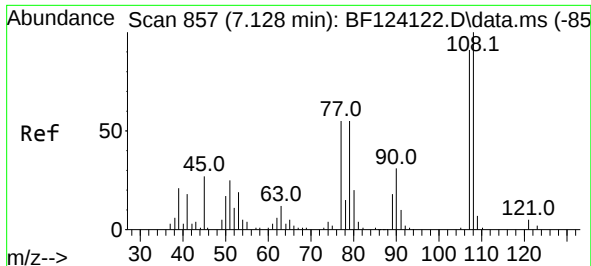
Tgt Ion: 79 Resp: 79040  
Ion Ratio Lower Upper  
79 100  
108 58.4 55.8 83.8  
77 60.2 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.924 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion: 45 Resp: 154315  
Ion Ratio Lower Upper  
45 100  
77 52.2 0.0 30.0#  
79 50.9 0.0 27.3#

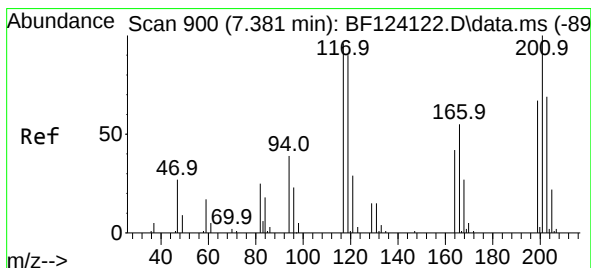
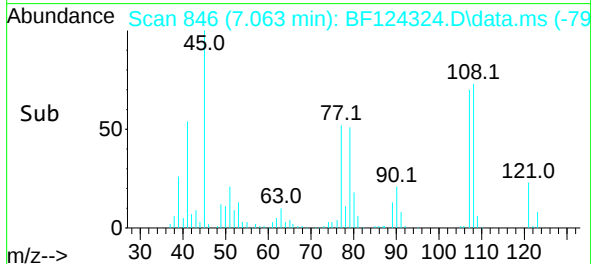
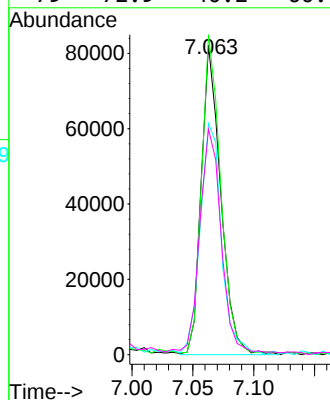
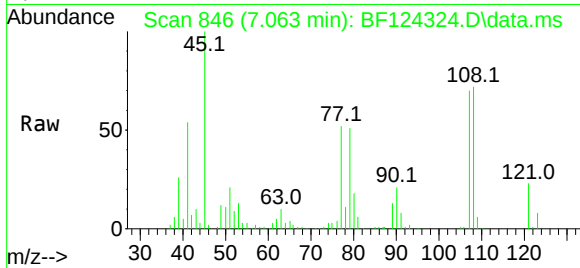




#17  
2-Methylphenol  
Concen: 45.292 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

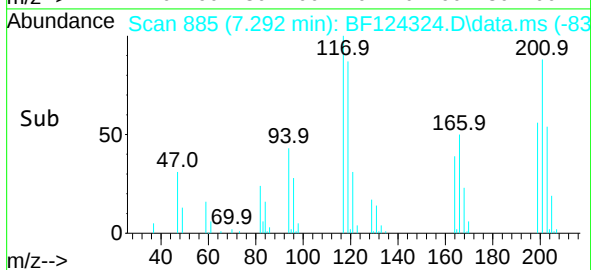
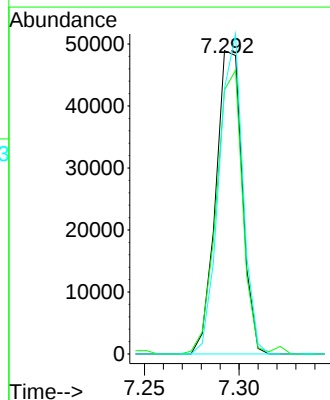
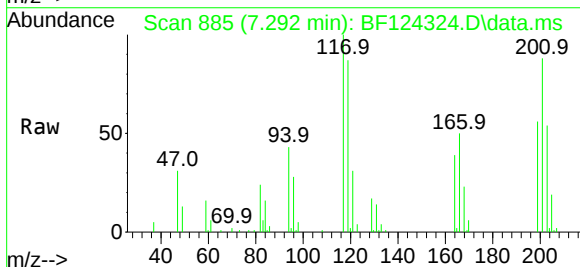
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

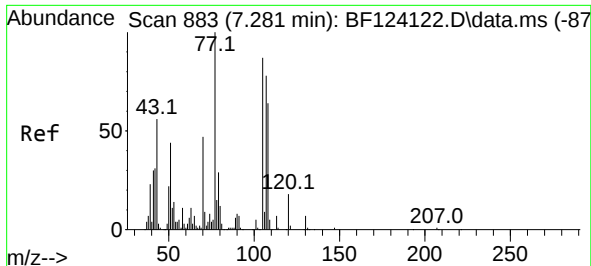
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:107 | Resp: | 91281      |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 108         | 103.4 | 89.8 134.8 |
| 77          | 74.7  | 40.9 61.3# |
| 79          | 72.9  | 40.2 60.4# |



#18  
Hexachloroethane  
Concen: 41.480 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:117 | Resp: | 47488      |
| Ion Ratio   | Lower | Upper      |
| 117         | 100   |            |
| 119         | 87.1  | 77.8 116.8 |
| 201         | 87.6  | 67.8 101.8 |

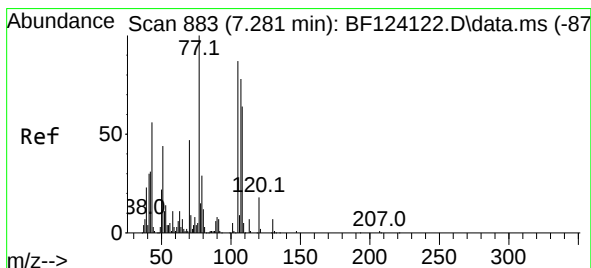
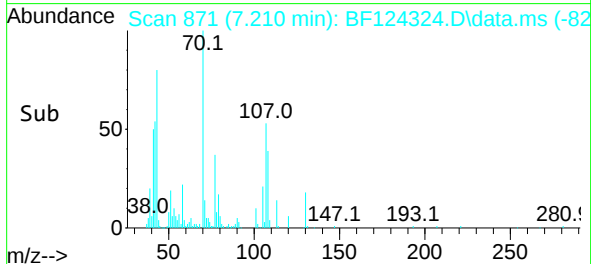
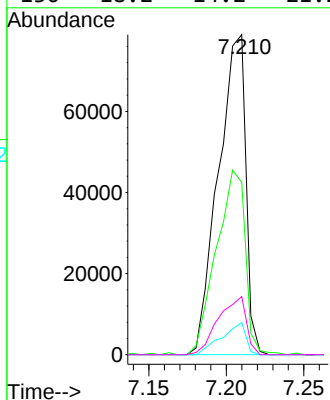
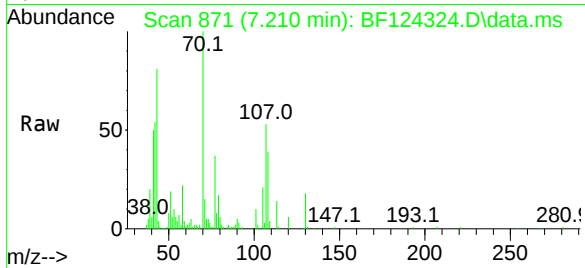




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.918 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

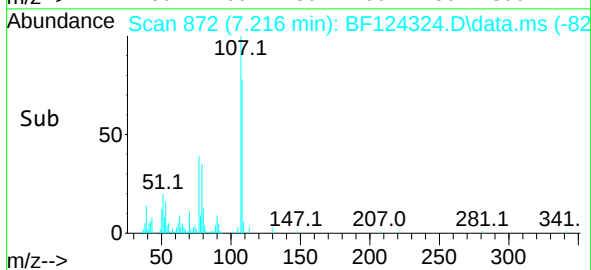
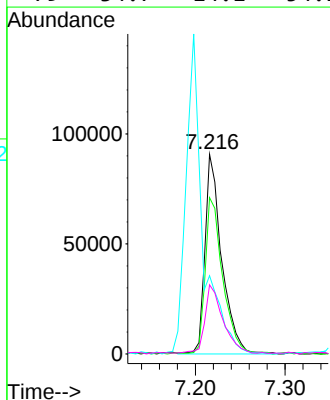
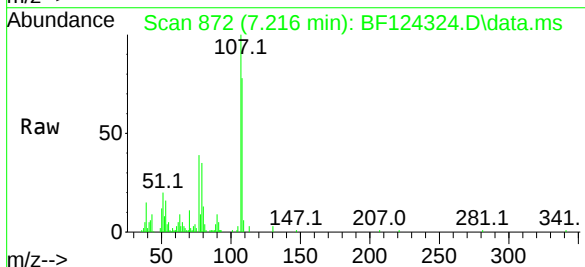
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

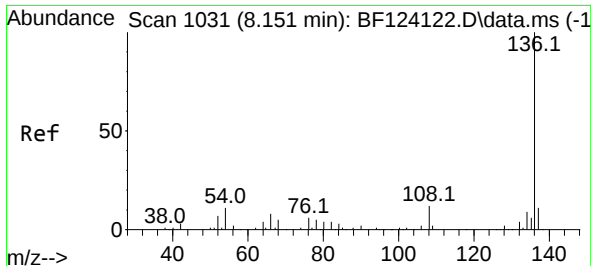
Tgt Ion: 70 Resp: 97078  
Ion Ratio Lower Upper  
70 100  
42 53.9 60.1 90.1#  
101 10.0 7.4 11.2  
130 18.2 14.2 21.2



#20  
3+4-Methylphenols  
Concen: 44.184 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

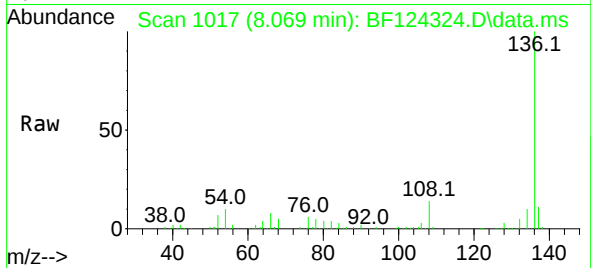
Tgt Ion: 107 Resp: 117989  
Ion Ratio Lower Upper  
107 100  
108 78.3 71.5 111.5  
77 39.2 82.0 122.0#  
79 34.7 14.1 54.1



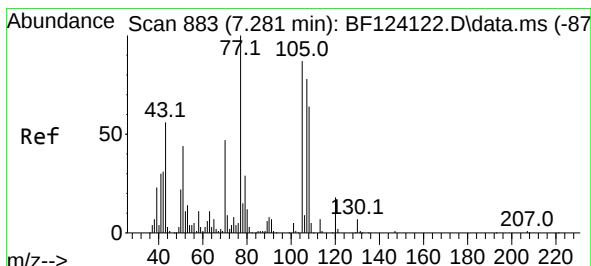
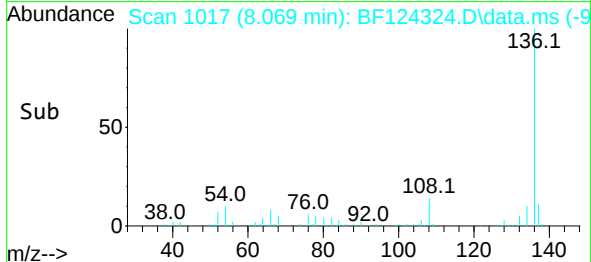
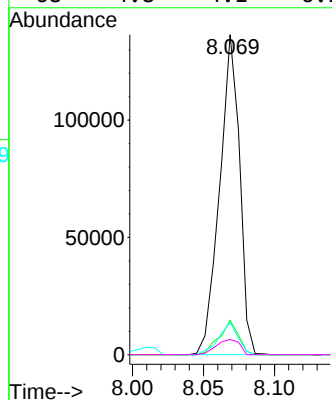


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

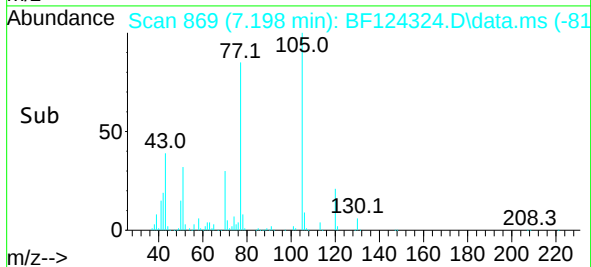
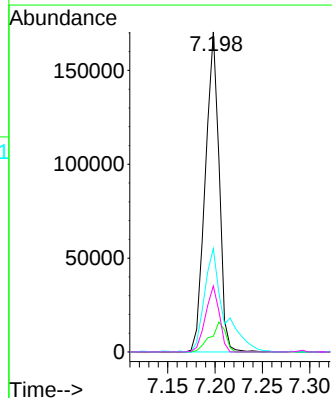
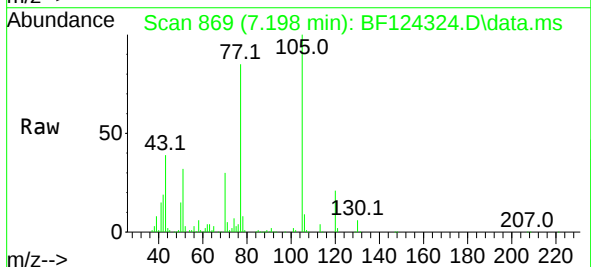


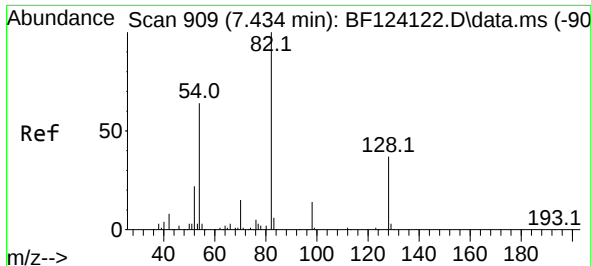
Tgt Ion:136 Resp: 133197  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 10.2 9.8 14.6  
68 4.8 4.1 6.1



#22  
Acetophenone  
Concen: 45.506 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:105 Resp: 172789  
Ion Ratio Lower Upper  
105 100  
71 4.9 4.2 6.4  
51 32.3 33.6 50.4#  
120 20.6 16.3 24.5





#23

Nitrobenzene-d5

Concen: 85.170 ng

RT: 7.357 min Scan# 896

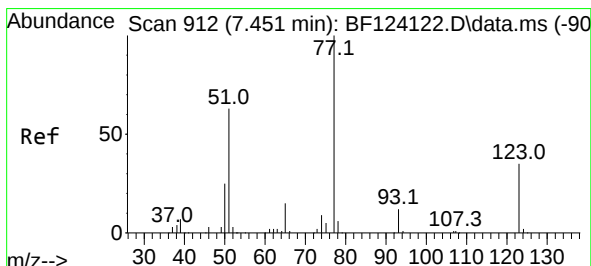
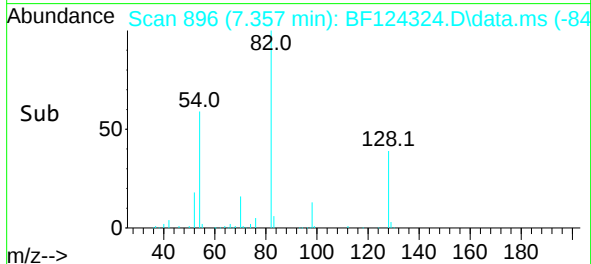
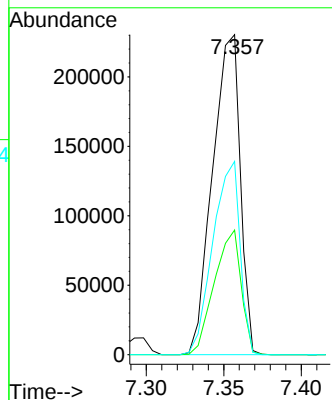
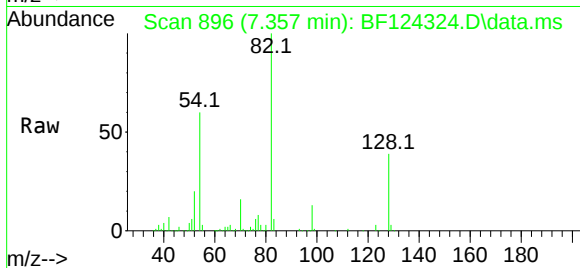
Delta R.T. -0.000 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

Tgt Ion: 82 Resp: 286031

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.9  | 29.4  | 44.2  |
| 54  | 60.4  | 54.1  | 81.1  |



#24

Nitrobenzene

Concen: 43.366 ng

RT: 7.375 min Scan# 899

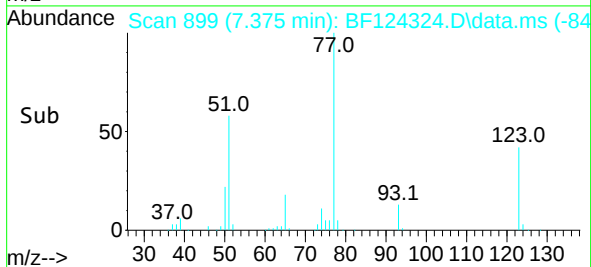
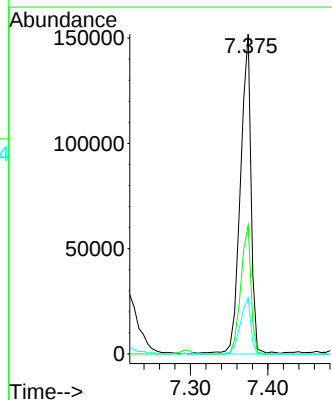
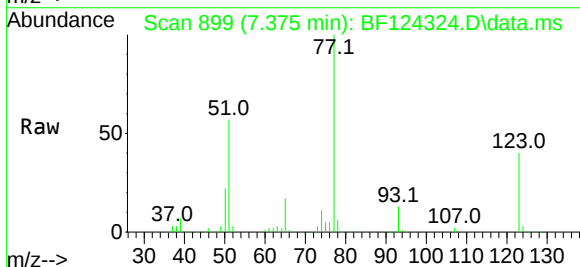
Delta R.T. -0.006 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

Tgt Ion: 77 Resp: 146102

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 40.2  | 34.5  | 51.7  |
| 65  | 17.4  | 12.2  | 18.2  |

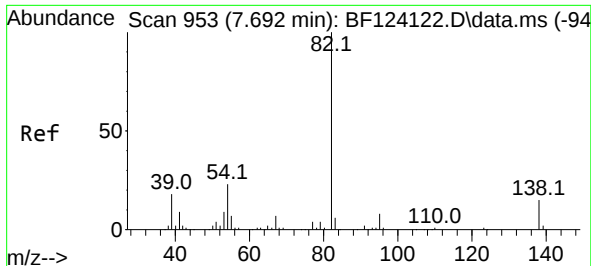


Instrument :

BNA\_F

ClientSampleId :

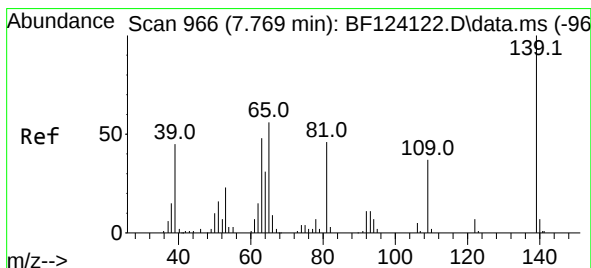
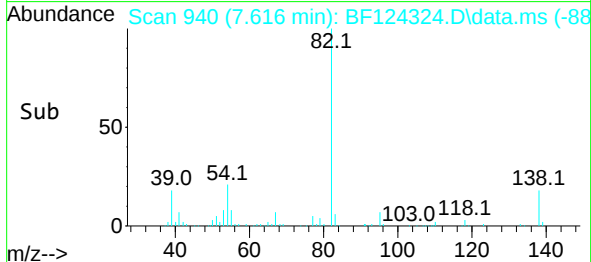
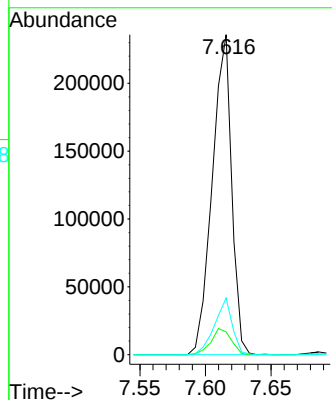
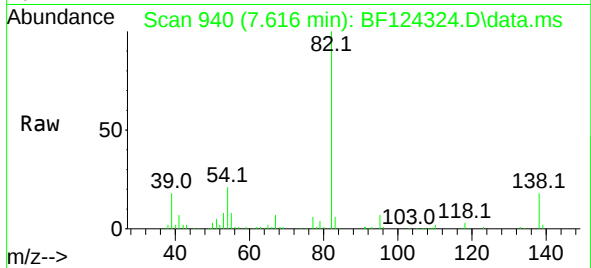
17-B6(88-92)MSD



#25  
Isophorone  
Concen: 39.987 ng  
RT: 7.616 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

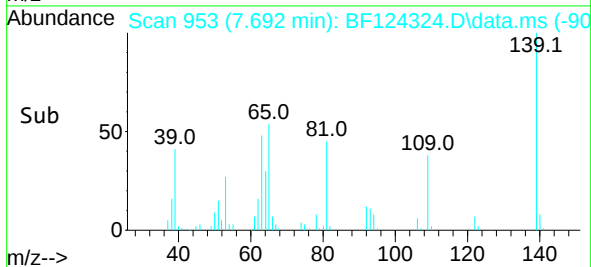
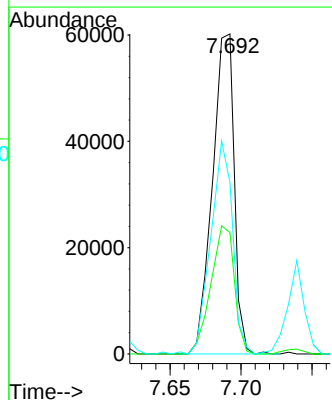
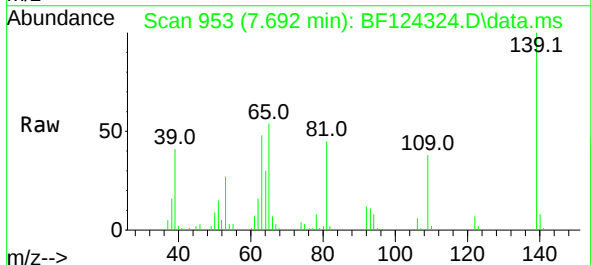
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

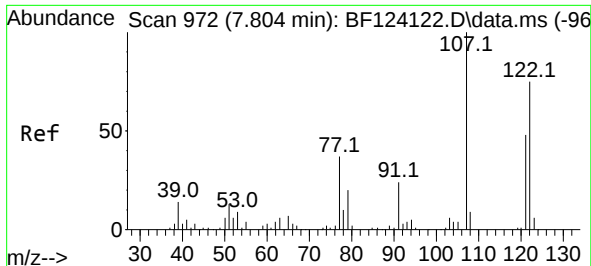
Tgt Ion: 82 Resp: 241992  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.6  
138 17.7 11.8 17.8



#26  
2-Nitrophenol  
Concen: 42.728 ng  
RT: 7.692 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion: 139 Resp: 64304  
Ion Ratio Lower Upper  
139 100  
109 37.9 28.6 43.0  
65 53.5 56.8 85.2#

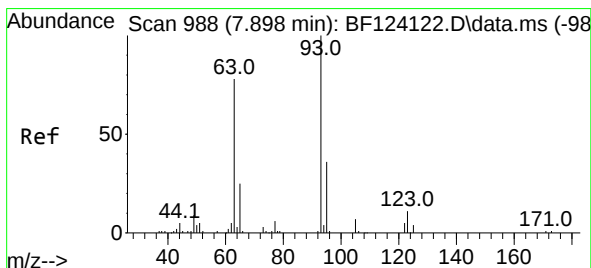
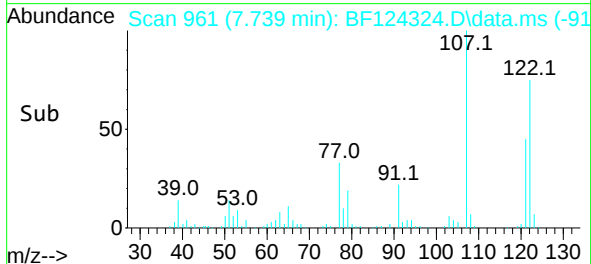
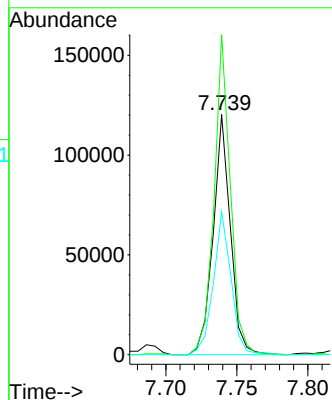
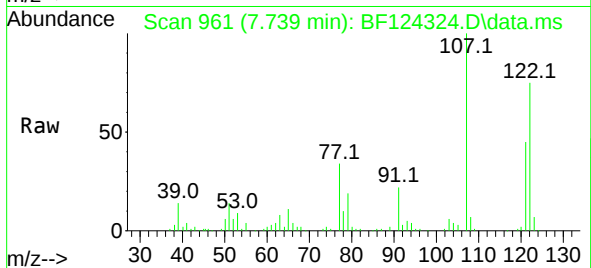




#27  
2,4-Dimethylphenol  
Concen: 47.747 ng  
RT: 7.739 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

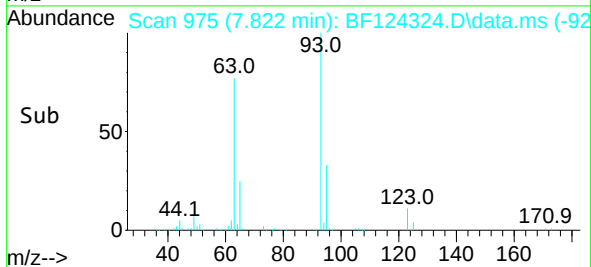
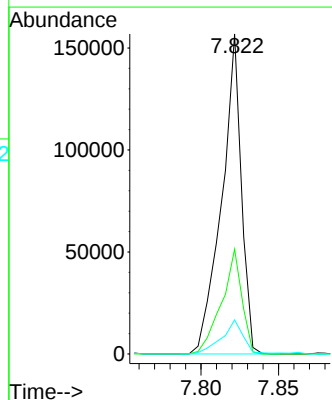
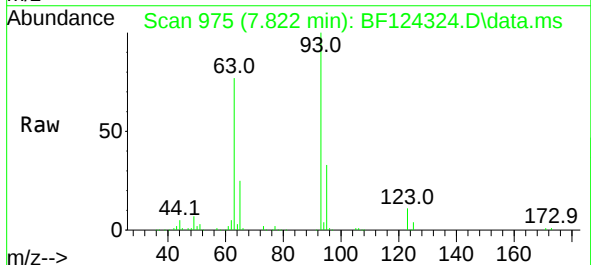
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

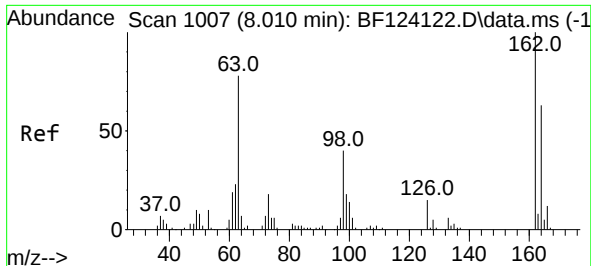
Tgt Ion:122 Resp: 101327  
Ion Ratio Lower Upper  
122 100  
107 133.2 106.3 159.5  
121 59.6 45.4 68.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.069 ng  
RT: 7.822 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion: 93 Resp: 138217  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 10.6 8.4 12.6

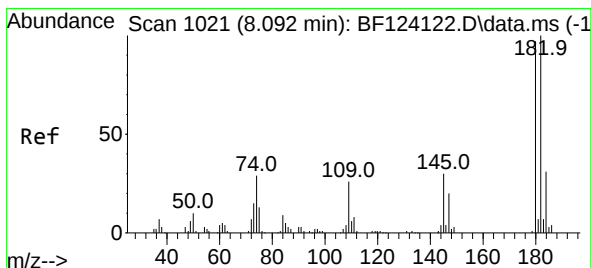
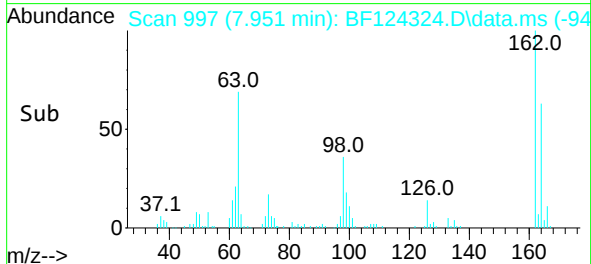
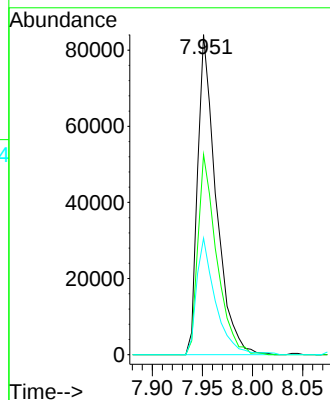
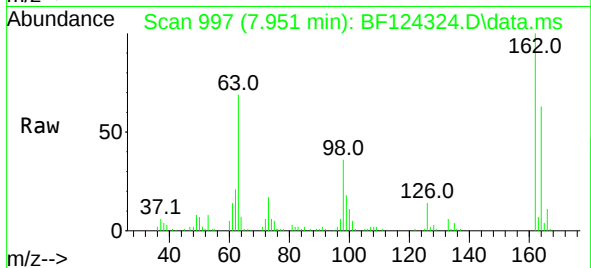




#29  
2,4-Dichlorophenol  
Concen: 43.721 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

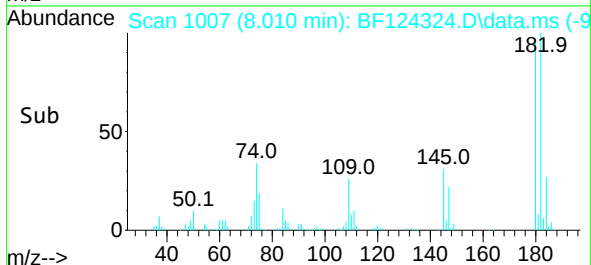
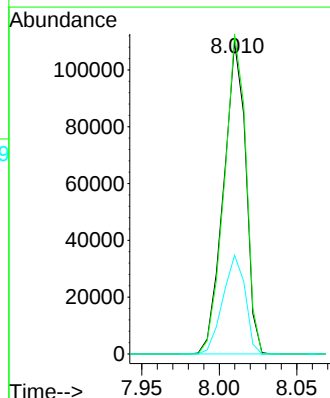
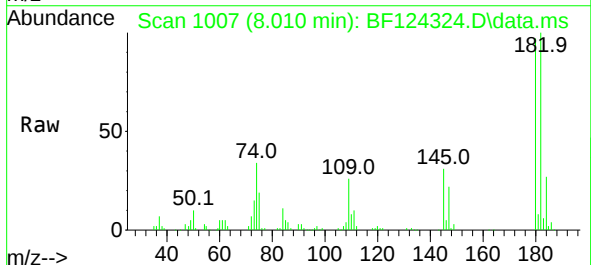
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

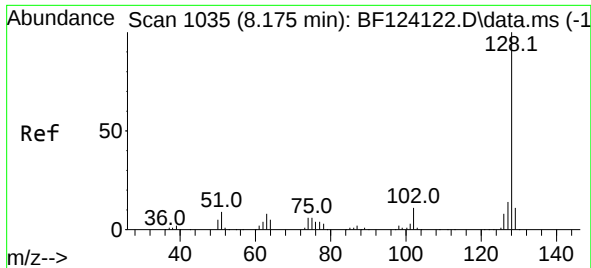
Tgt Ion:162 Resp: 107360  
Ion Ratio Lower Upper  
162 100  
164 62.6 44.1 84.1  
98 36.4 27.3 67.3



#30  
1,2,4-Trichlorobenzene  
Concen: 39.730 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:180 Resp: 109334  
Ion Ratio Lower Upper  
180 100  
182 102.6 77.2 115.8  
145 31.7 26.0 39.0

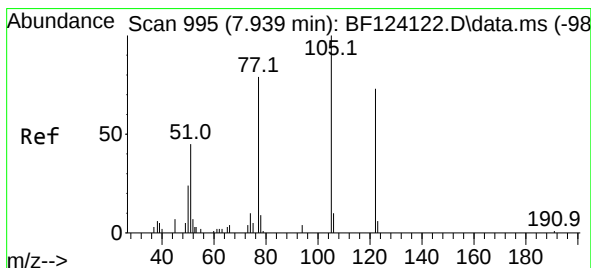
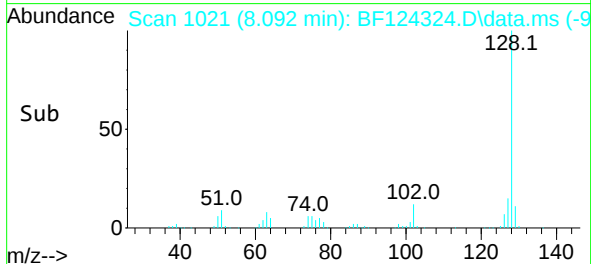
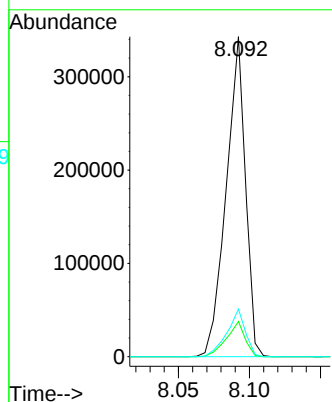
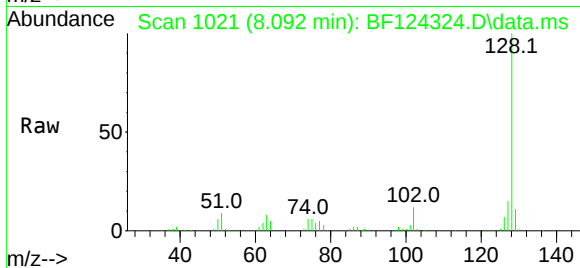




#31  
Naphthalene  
Concen: 40.641 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

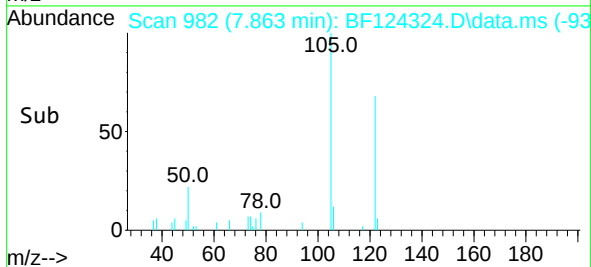
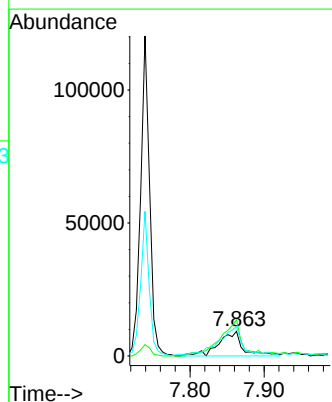
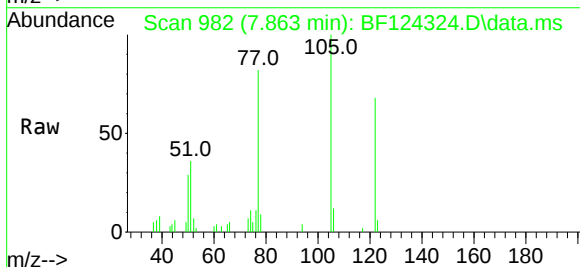
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

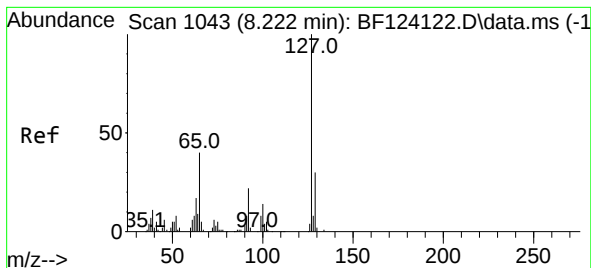
Tgt Ion:128 Resp: 323643  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 14.9 10.8 16.2



#32  
Benzoic acid  
Concen: 16.344 ng  
RT: 7.863 min Scan# 982  
Delta R.T. -0.018 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:122 Resp: 21283  
Ion Ratio Lower Upper  
122 100  
105 146.5 107.8 147.8  
77 120.7 81.6 121.6

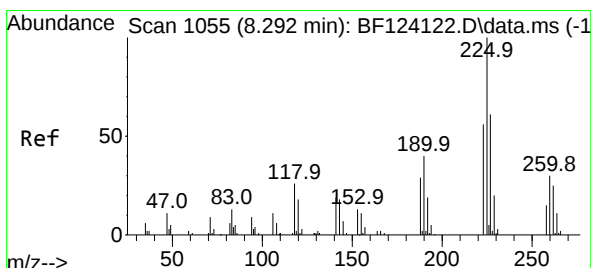
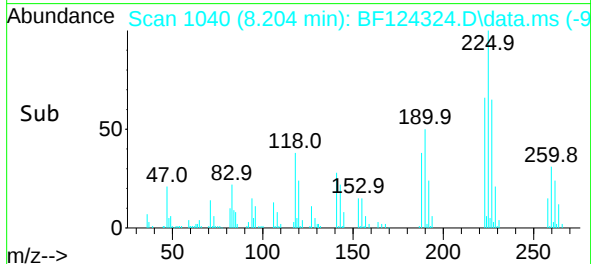
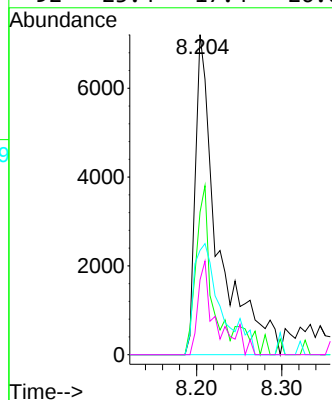
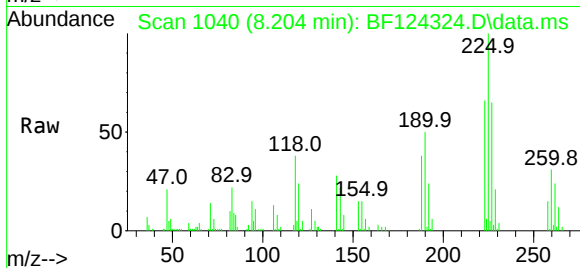




#33  
4-Chloroaniline  
Concen: 4.521 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.029 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

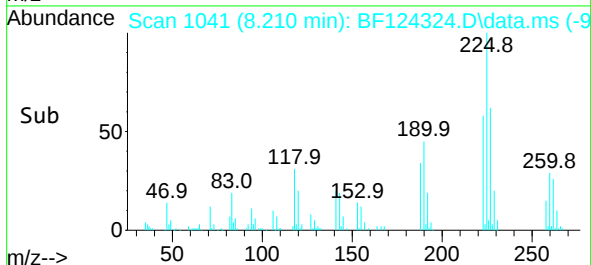
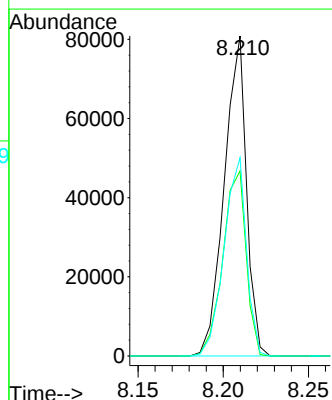
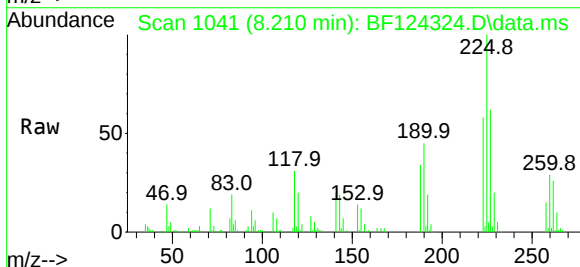
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

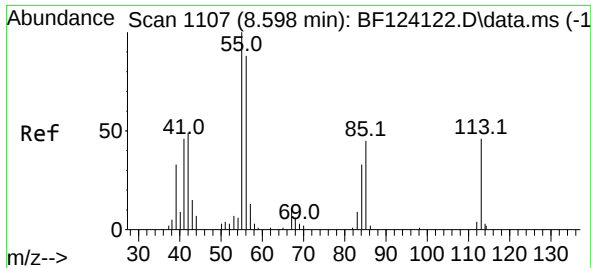
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:127 | Resp: | 13391      |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 44.6  | 25.7 38.5# |
| 65          | 32.6  | 34.5 51.7# |
| 92          | 23.4  | 17.4 26.0  |



#34  
Hexachlorobutadiene  
Concen: 37.659 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 73203     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 57.8  | 50.4 75.6 |
| 227         | 62.0  | 51.4 77.0 |

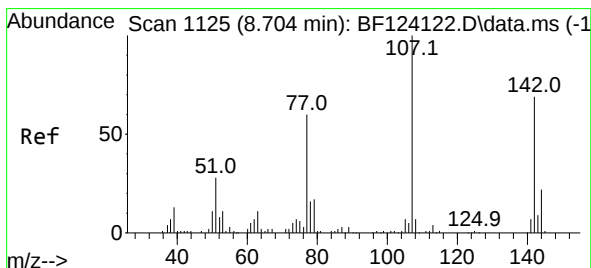
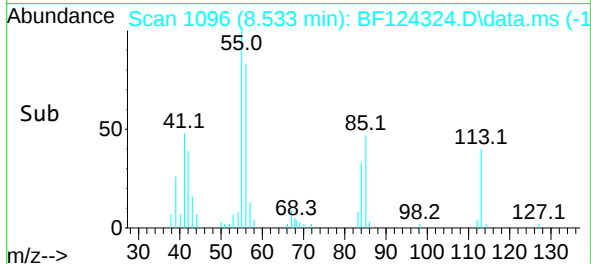
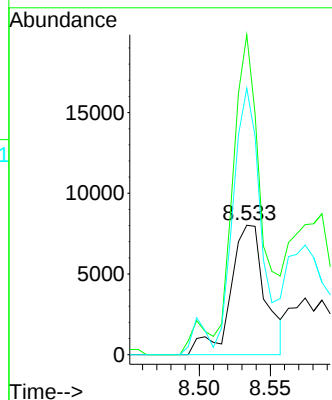
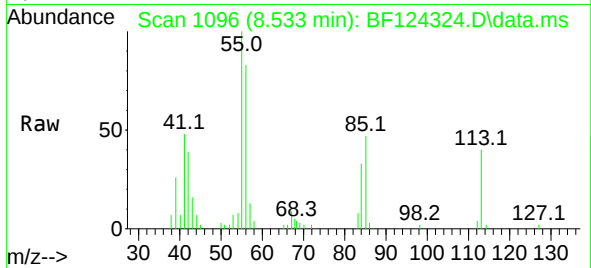




#35  
 Caprolactam  
 Concen: 20.184 ng  
 RT: 8.533 min Scan# 1096  
 Delta R.T. -0.006 min  
 Lab File: BF124324.D  
 Acq: 15 Jun 2021 15:50

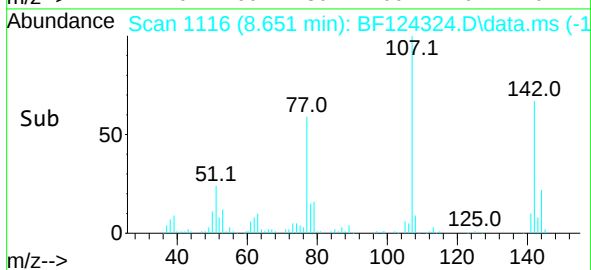
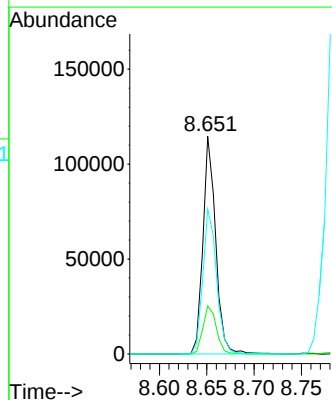
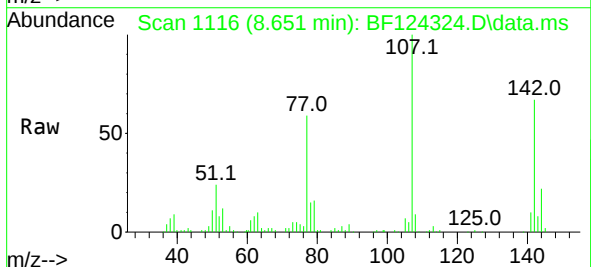
Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-B6(88-92)MSD

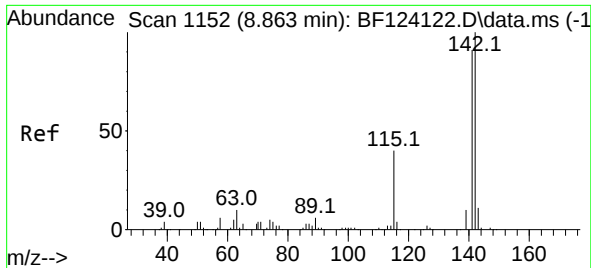
Tgt Ion:113 Resp: 13616  
 Ion Ratio Lower Upper  
 113 100  
 55 247.3 254.9 294.9#  
 56 206.0 179.4 219.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.088 ng  
 RT: 8.651 min Scan# 1116  
 Delta R.T. -0.000 min  
 Lab File: BF124324.D  
 Acq: 15 Jun 2021 15:50

Tgt Ion:107 Resp: 107702  
 Ion Ratio Lower Upper  
 107 100  
 144 22.1 16.3 24.5  
 142 66.5 50.1 75.1

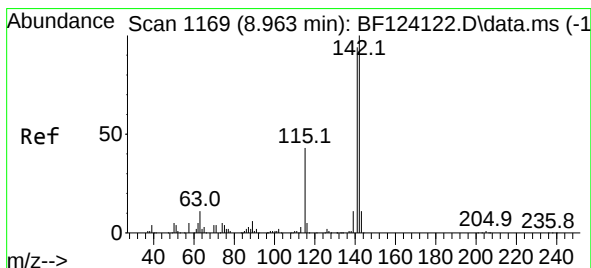
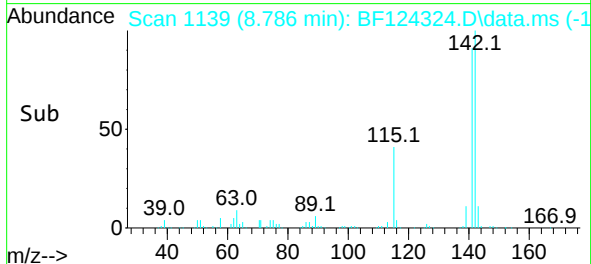
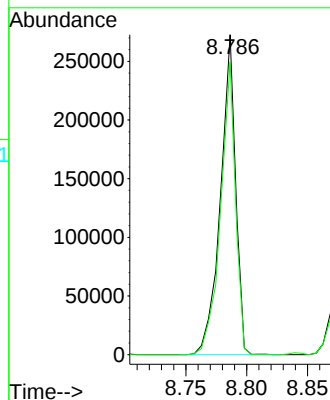
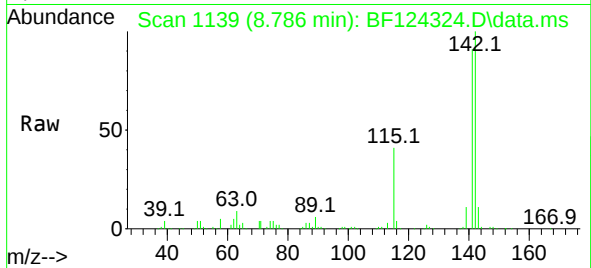




#37  
2-Methylnaphthalene  
Concen: 42.416 ng  
RT: 8.786 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

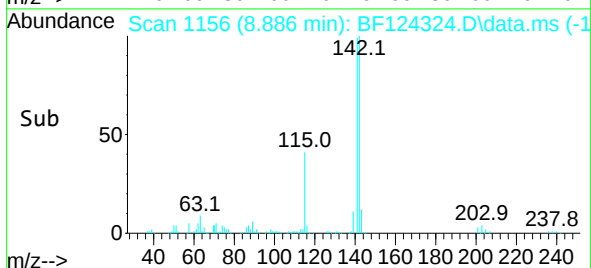
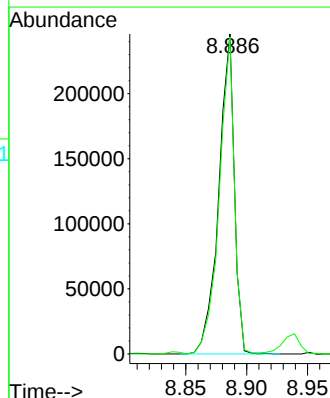
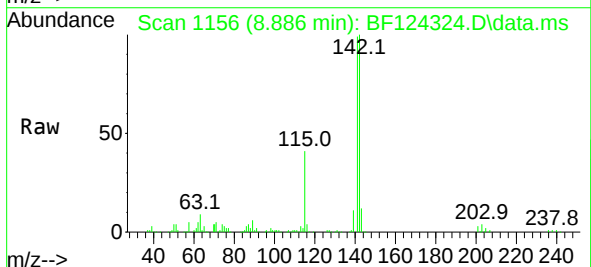
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

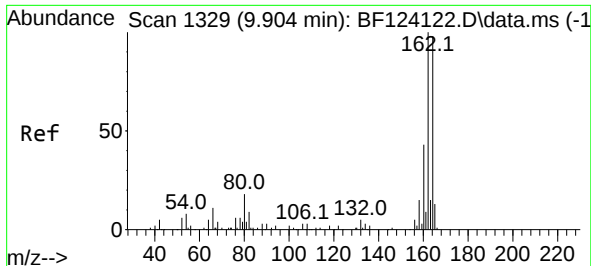
Tgt Ion:142 Resp: 236871  
Ion Ratio Lower Upper  
142 100  
141 91.5 71.8 107.6



#38  
1-Methylnaphthalene  
Concen: 42.026 ng  
RT: 8.886 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:142 Resp: 219319  
Ion Ratio Lower Upper  
142 100  
141 99.0 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

Instrument :

BNA\_F

ClientSampleId :

17-B6(88-92)MSD

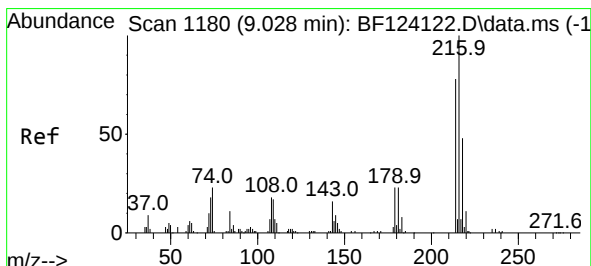
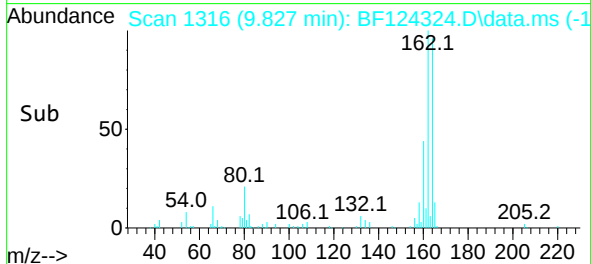
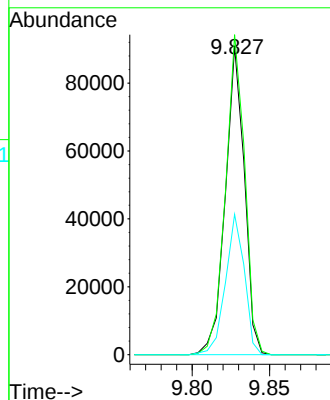
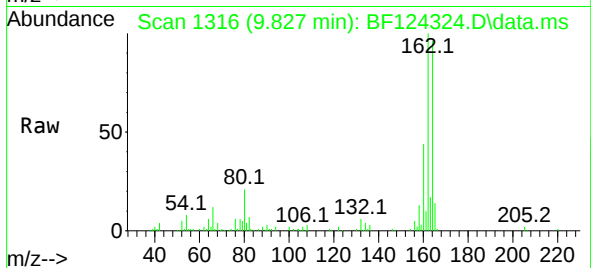
Tgt Ion:164 Resp: 77507

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

160 45.5 37.3 55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.901 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

Tgt Ion:216 Resp: 126050

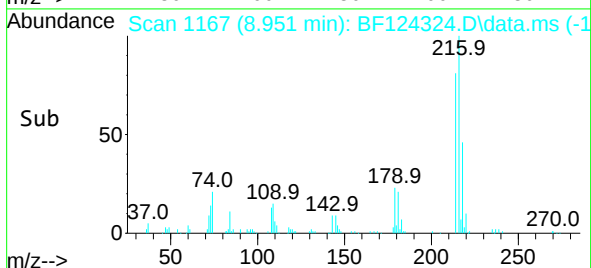
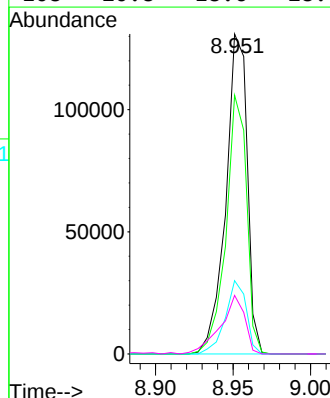
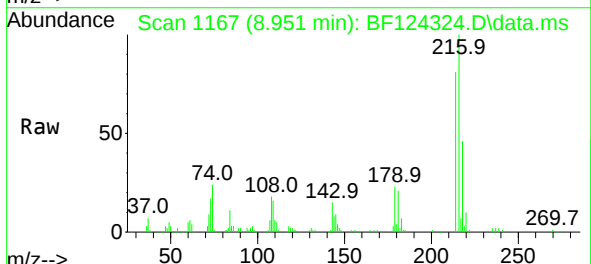
Ion Ratio Lower Upper

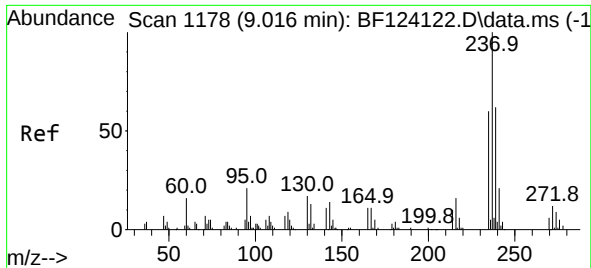
216 100

214 77.5 63.8 95.8

179 22.4 17.9 26.9

108 20.8 18.6 28.0

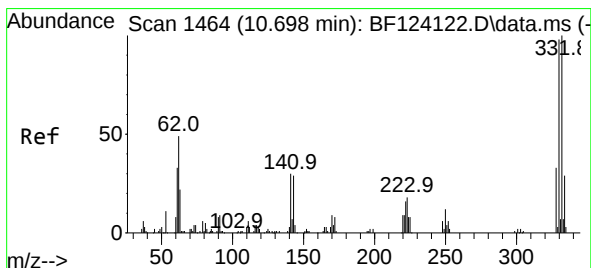
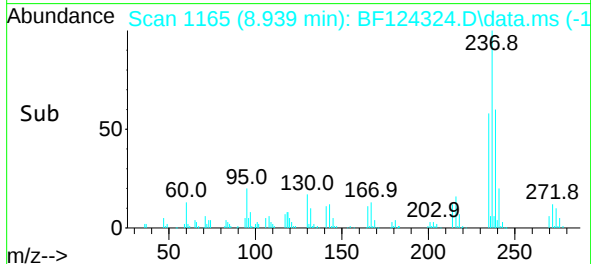
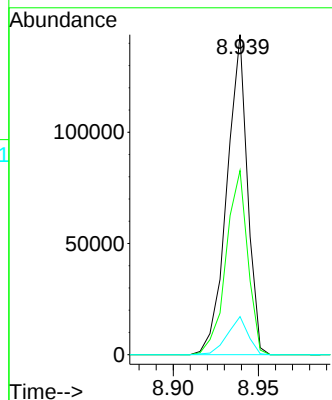
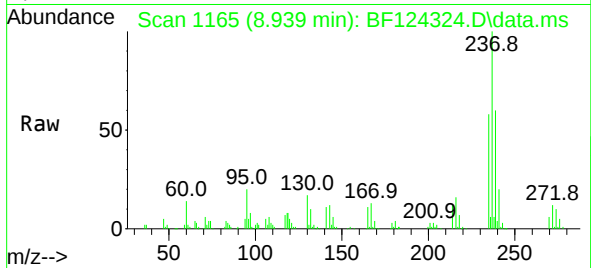




#41  
Hexachlorocyclopentadiene  
Concen: 80.831 ng  
RT: 8.939 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

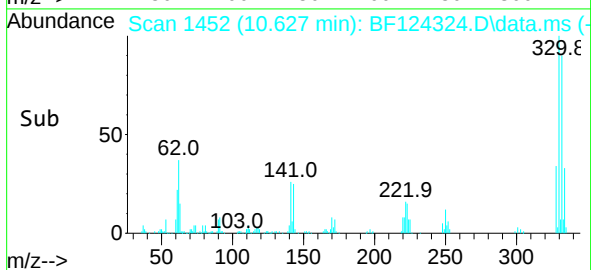
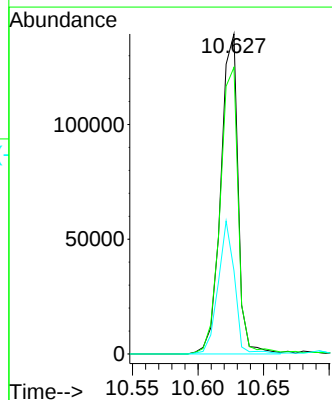
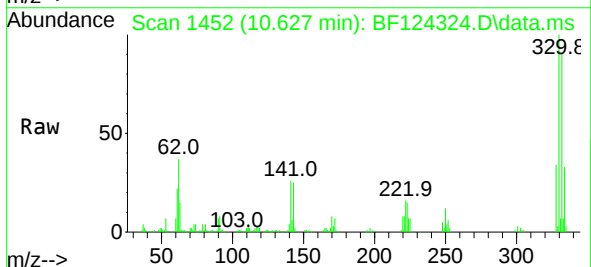
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

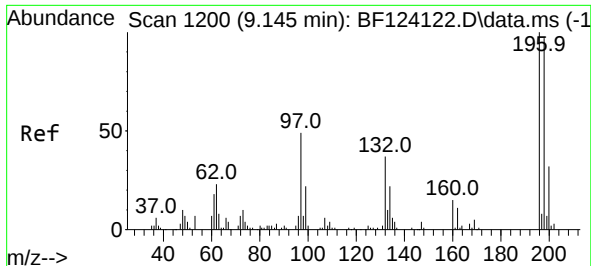
Tgt Ion:237 Resp: 120526  
Ion Ratio Lower Upper  
237 100  
235 57.6 38.8 78.8  
272 11.9 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 116.476 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. 0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:330 Resp: 127901  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.1 115.7  
141 39.5 27.9 41.9

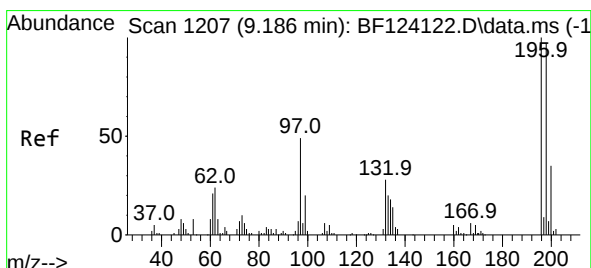
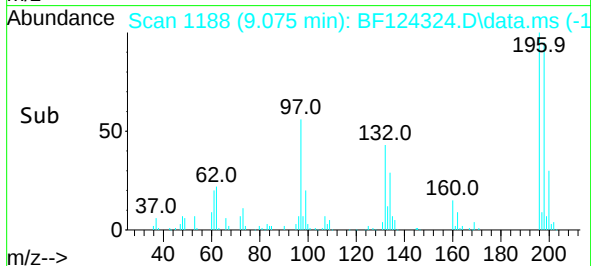
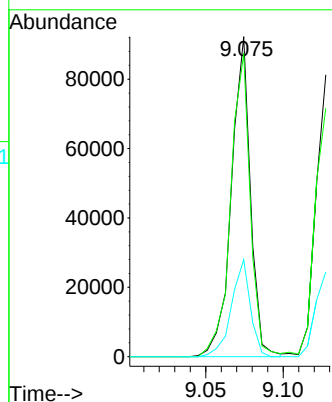
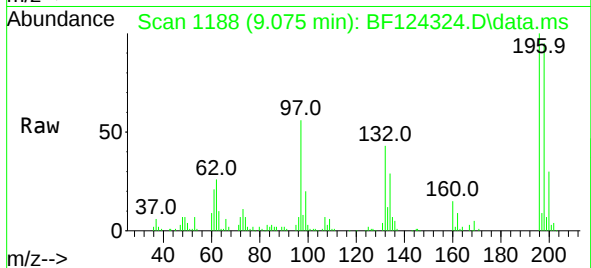




#43  
2,4,6-Trichlorophenol  
Concen: 43.934 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

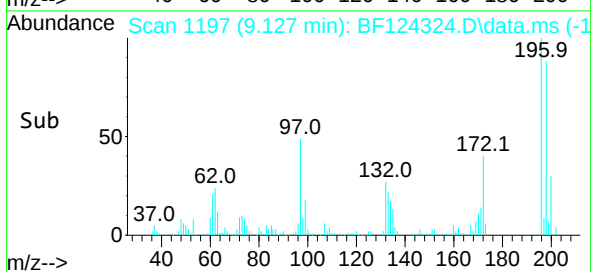
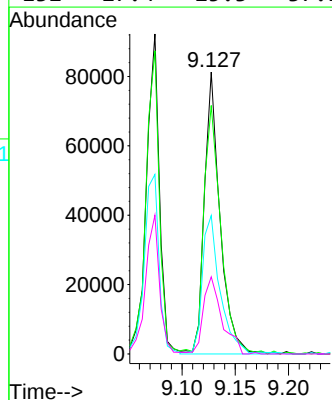
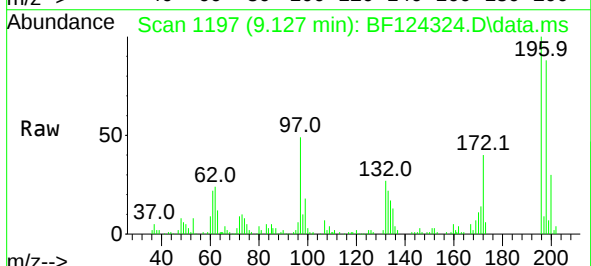
Instrument :  
BNA\_F  
ClientSampleId :  
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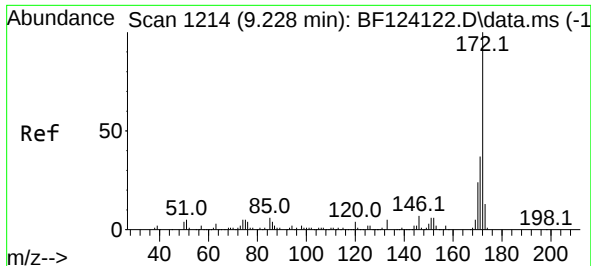
Tgt Ion:196 Resp: 78686  
Ion Ratio Lower Upper  
196 100  
198 94.7 78.2 117.2  
200 30.3 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 43.445 ng  
RT: 9.127 min Scan# 1197  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:196 Resp: 83529  
Ion Ratio Lower Upper  
196 100  
198 88.1 76.5 114.7  
97 49.1 52.9 79.3#  
132 27.4 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 86.412 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

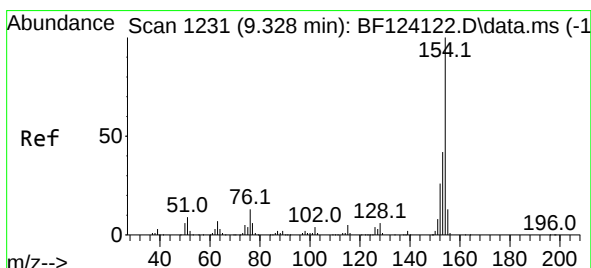
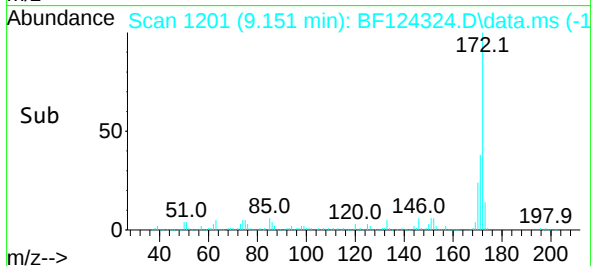
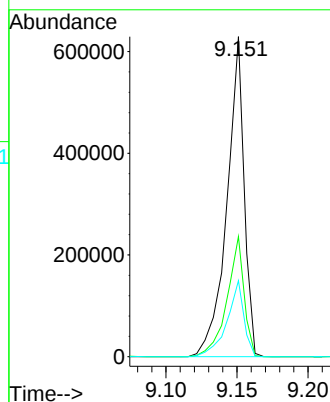
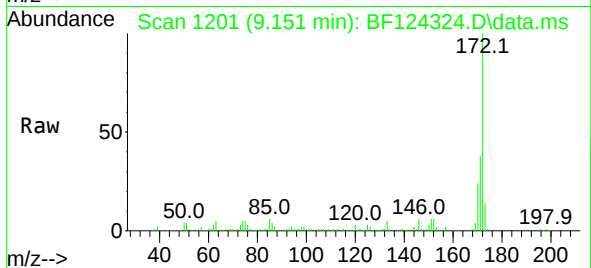
Instrument :

BNA\_F

ClientSampleId :

17-B6(88-92)MSD

|             |                |
|-------------|----------------|
| Tgt Ion:172 | Resp: 532240   |
| Ion Ratio   | Lower Upper    |
| 172         | 100            |
| 171         | 37.6 28.1 42.1 |
| 170         | 23.8 19.2 28.8 |



#46

1,1'-Biphenyl

Concen: 44.987 ng

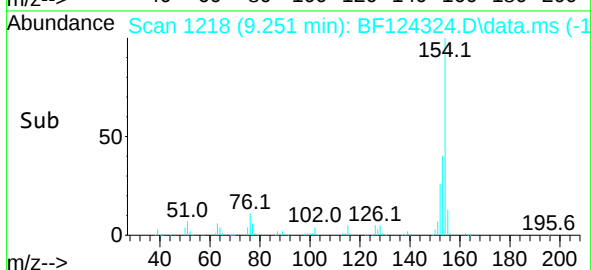
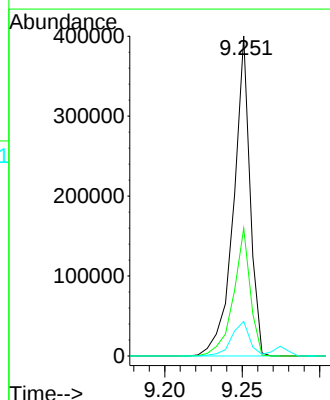
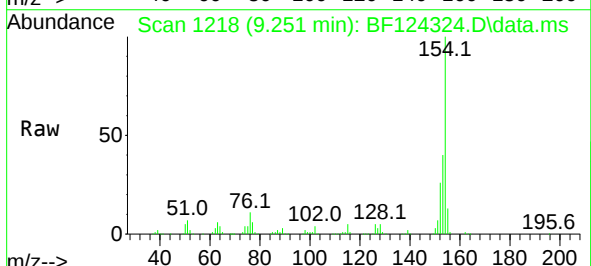
RT: 9.251 min Scan# 1218

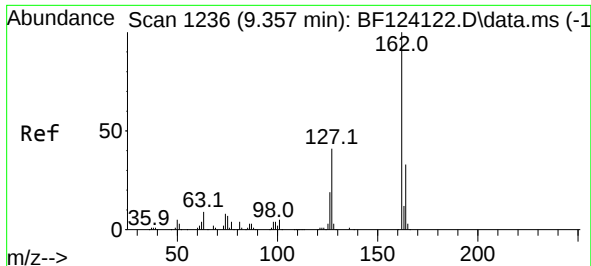
Delta R.T. -0.000 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

|             |                |
|-------------|----------------|
| Tgt Ion:154 | Resp: 294343   |
| Ion Ratio   | Lower Upper    |
| 154         | 100            |
| 153         | 39.9 20.7 60.7 |
| 76          | 10.8 0.0 31.7  |

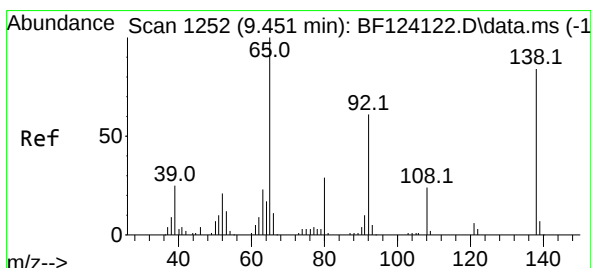
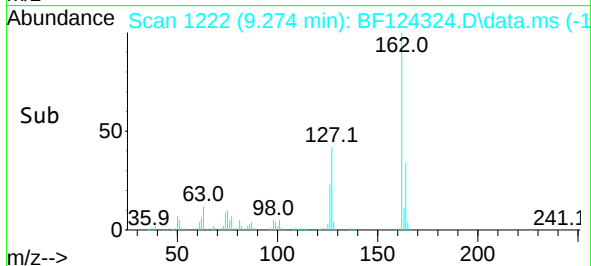
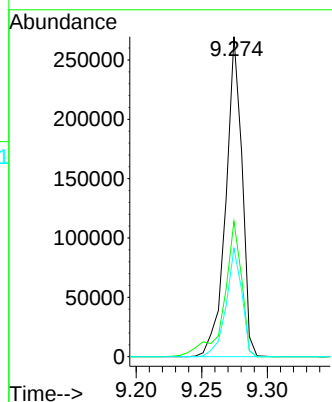
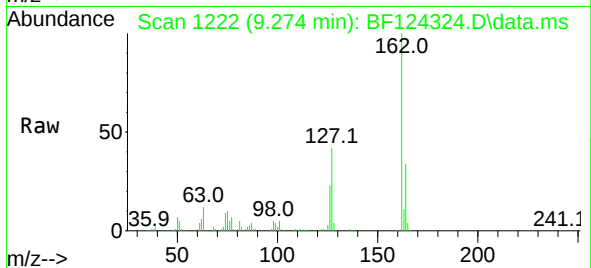




#47  
2-Chloronaphthalene  
Concen: 43.345 ng  
RT: 9.274 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

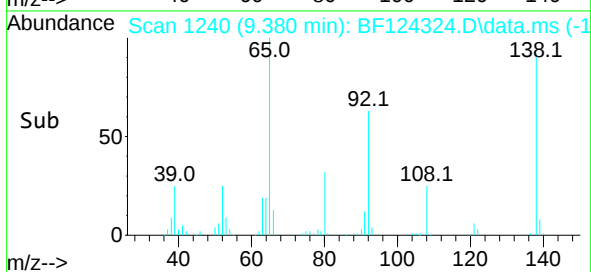
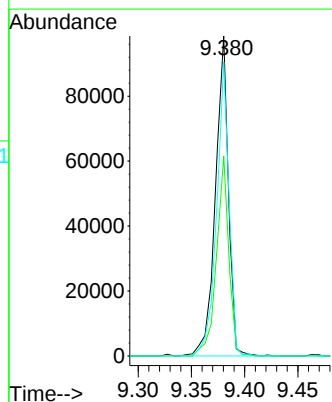
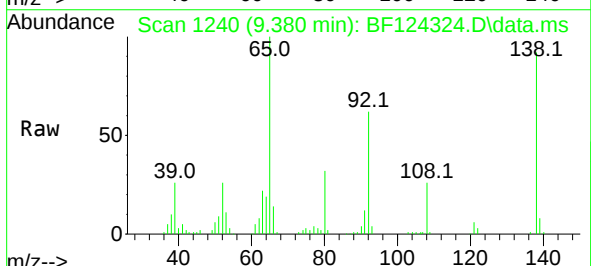
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

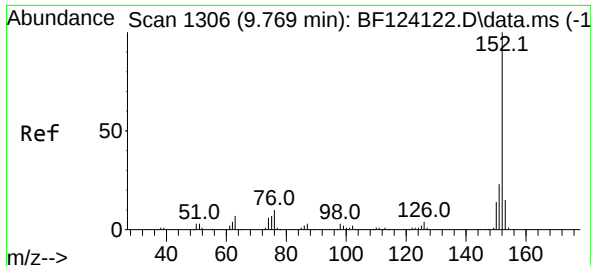
Tgt Ion:162 Resp: 230838  
Ion Ratio Lower Upper  
162 100  
127 42.3 36.2 54.2  
164 33.9 25.4 38.2



#48  
2-Nitroaniline  
Concen: 43.687 ng  
RT: 9.380 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion: 65 Resp: 83961  
Ion Ratio Lower Upper  
65 100  
92 62.5 47.1 70.7  
138 91.9 70.2 105.2

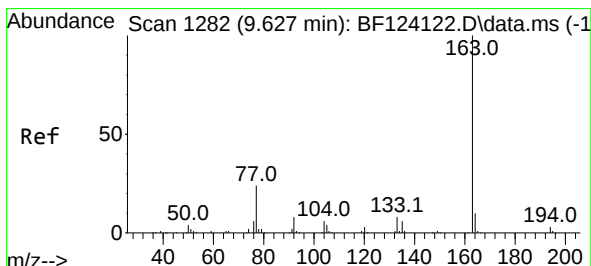
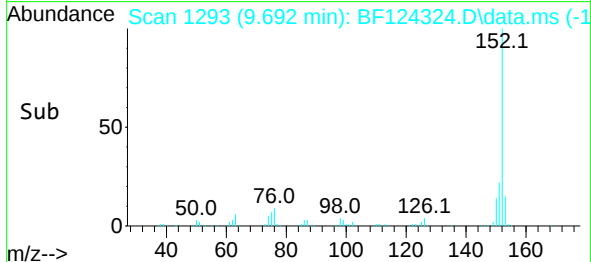
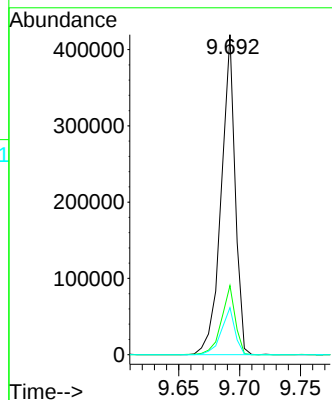
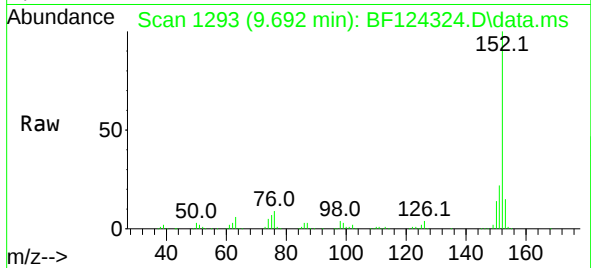




#49  
Acenaphthylene  
Concen: 43.388 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

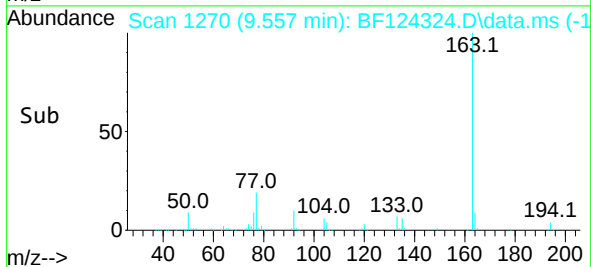
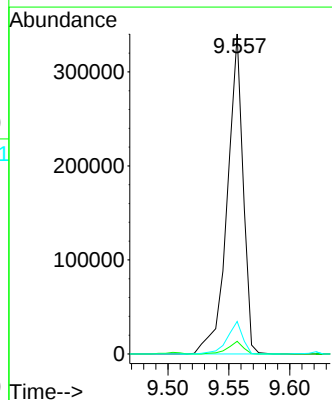
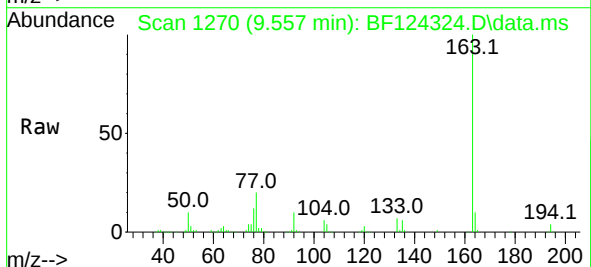
Instrument :  
BNA\_F  
ClientSampleId :  
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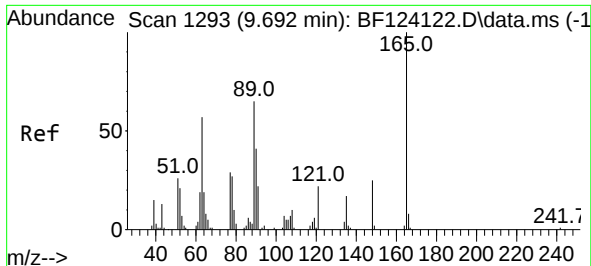
Tgt Ion:152 Resp: 335871  
Ion Ratio Lower Upper  
152 100  
151 21.6 16.0 24.0  
153 14.7 10.4 15.6



#50  
Dimethylphthalate  
Concen: 47.725 ng  
RT: 9.557 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:163 Resp: 306041  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.1 8.2 12.2

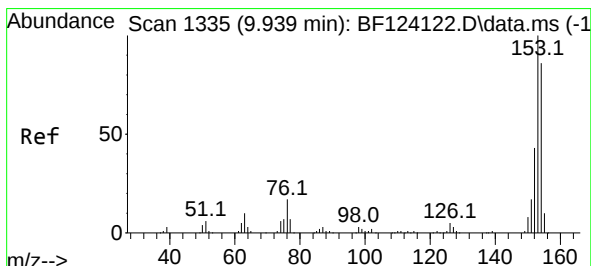
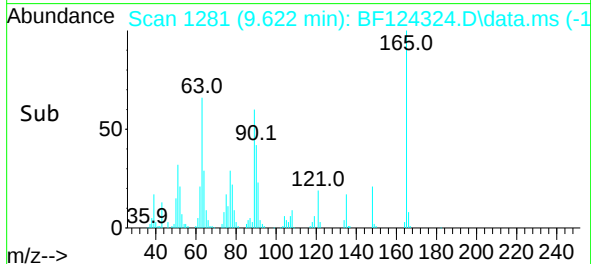
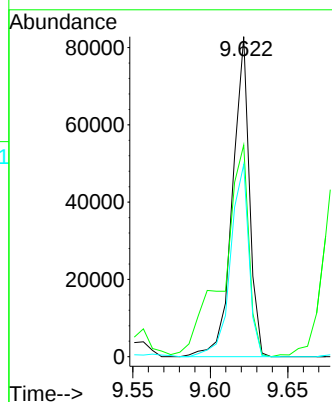
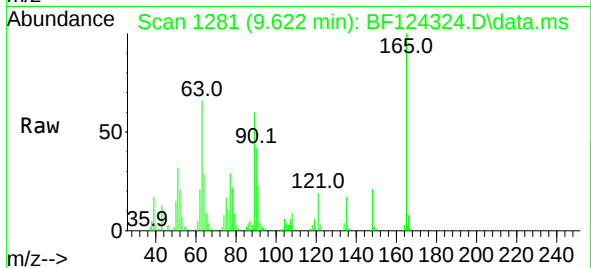




#51  
2,6-Dinitrotoluene  
Concen: 42.718 ng  
RT: 9.622 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

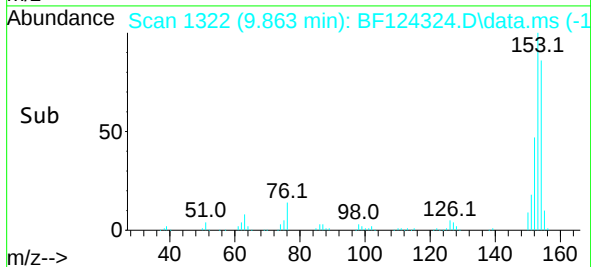
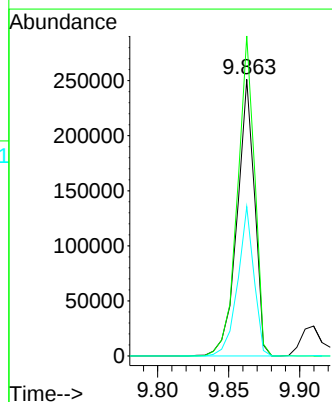
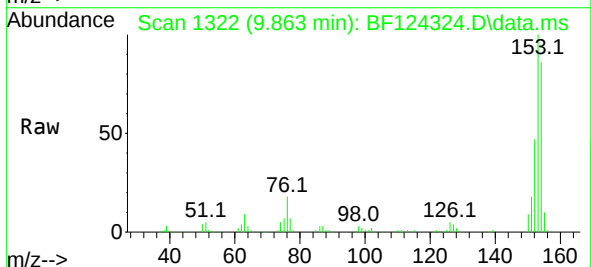
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

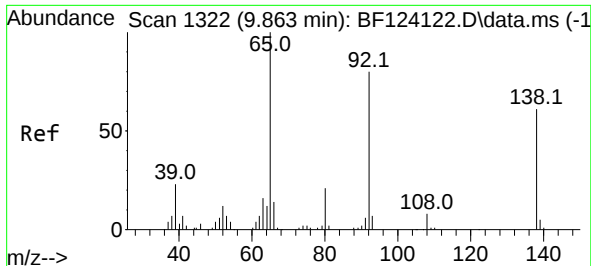
Tgt Ion:165 Resp: 62808  
Ion Ratio Lower Upper  
165 100  
63 66.1 67.7 101.5#  
89 60.1 58.8 88.2



#52  
Acenaphthene  
Concen: 42.385 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:154 Resp: 214299  
Ion Ratio Lower Upper  
154 100  
153 115.6 88.1 132.1  
152 54.0 43.4 65.0

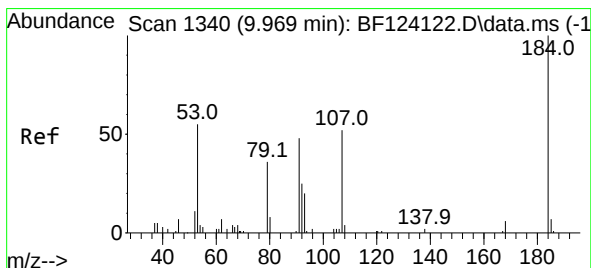
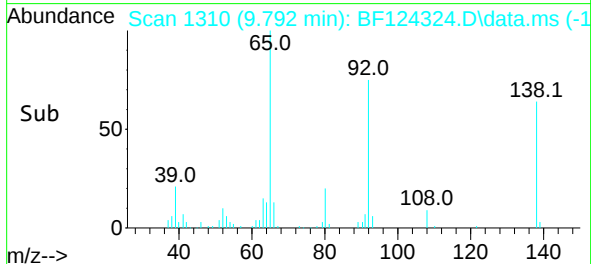
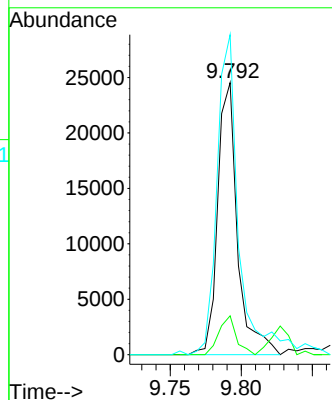
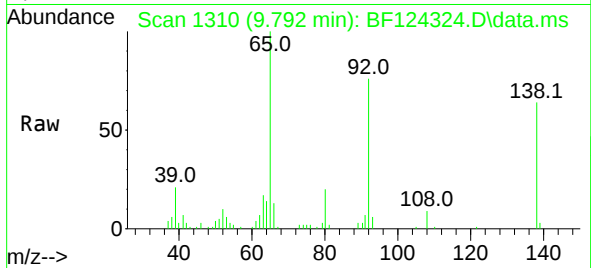




#53  
3-Nitroaniline  
Concen: 17.280 ng  
RT: 9.792 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

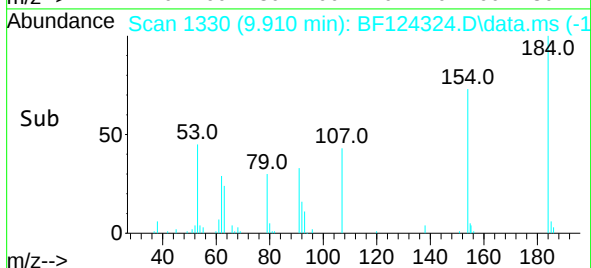
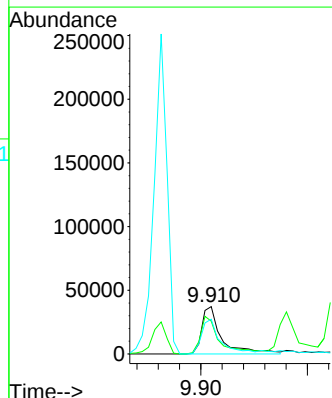
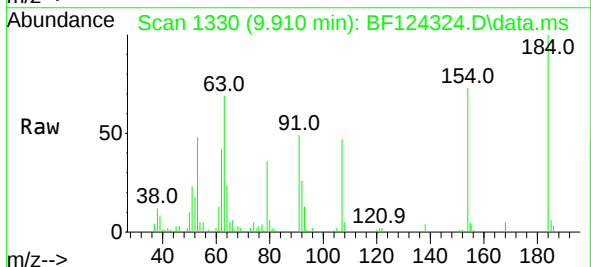
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

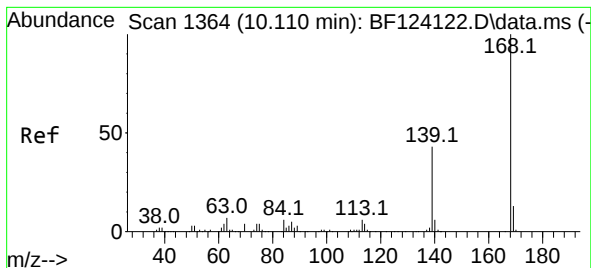
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 23779 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 108      | 14.3  | 10.2  | 15.4  |
| 92       | 117.6 | 103.3 | 154.9 |



#54  
2,4-Dinitrophenol  
Concen: 64.447 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 184   | Resp: | 47910  |
| Ion      | Ratio | Lower | Upper  |
| 184      | 100   |       |        |
| 63       | 69.4  | 73.5  | 110.3# |
| 154      | 73.3  | 52.5  | 78.7   |

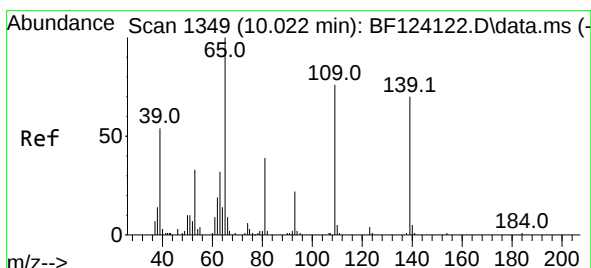
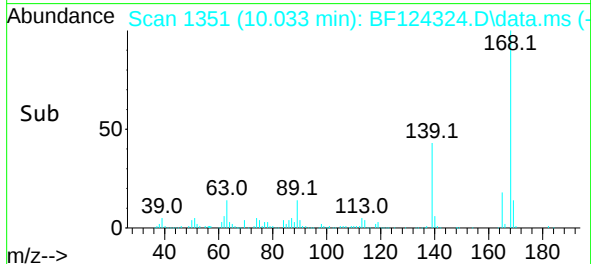
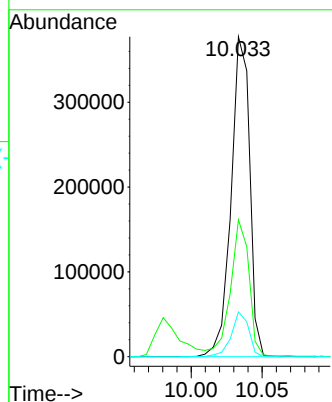
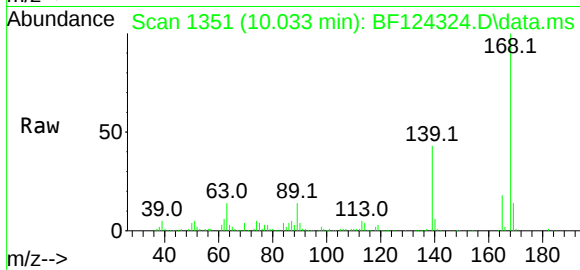




#55  
Dibenzenofuran  
Concen: 43.484 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

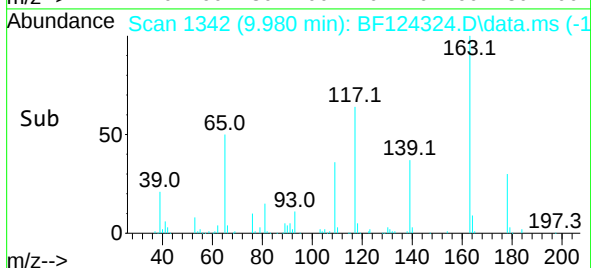
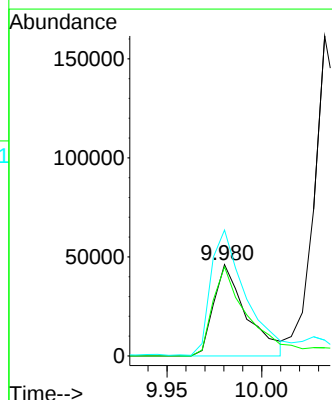
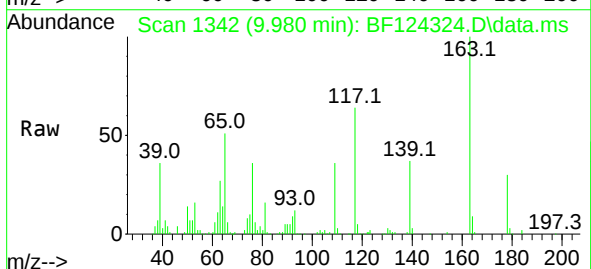
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

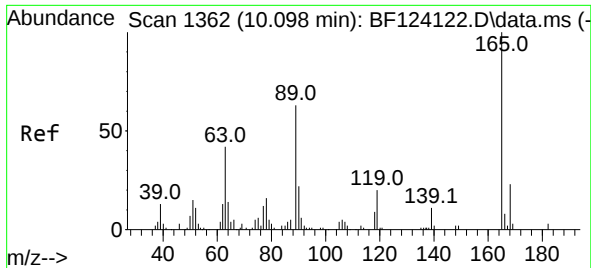
Tgt Ion:168 Resp: 344099  
Ion Ratio Lower Upper  
168 100  
139 42.8 33.2 49.8  
169 14.0 10.8 16.2



#56  
4-Nitrophenol  
Concen: 56.815 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

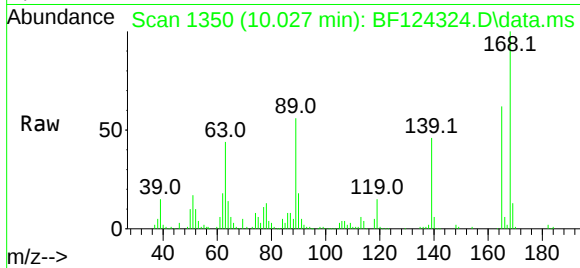
Tgt Ion:139 Resp: 55874  
Ion Ratio Lower Upper  
139 100  
109 97.5 63.2 103.2  
65 138.0 110.0 150.0



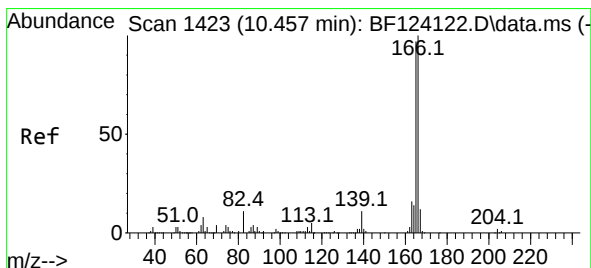
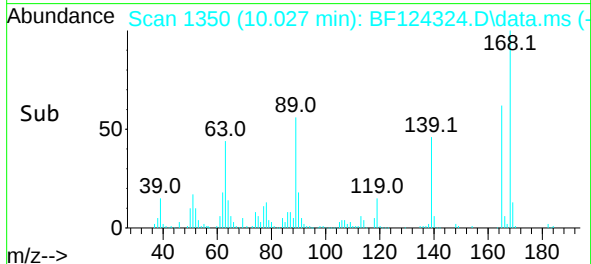
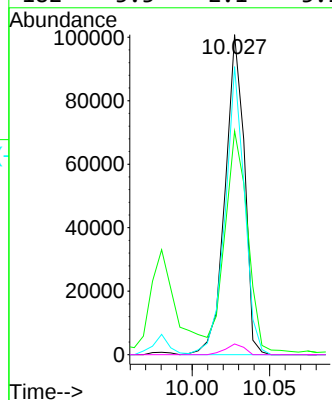


#57  
2,4-Dinitrotoluene  
Concen: 44.836 ng  
RT: 10.027 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

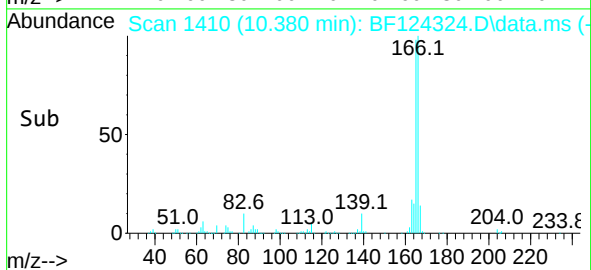
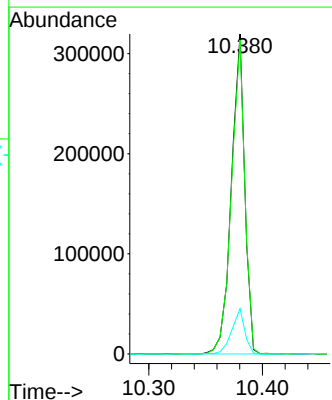
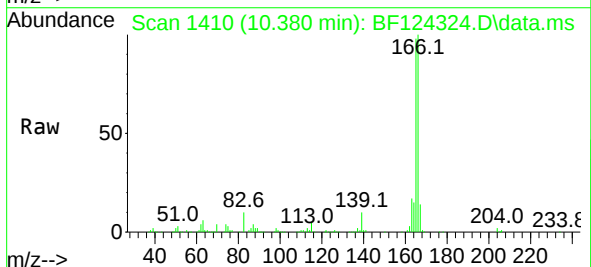


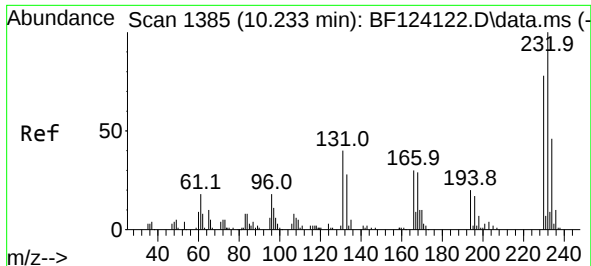
Tgt Ion:165 Resp: 86942  
Ion Ratio Lower Upper  
165 100  
63 69.9 43.5 65.3#  
89 90.0 67.7 101.5  
182 3.3 2.1 3.1#



#58  
Fluorene  
Concen: 42.832 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:166 Resp: 260173  
Ion Ratio Lower Upper  
166 100  
165 98.1 73.5 110.3  
167 14.2 10.7 16.1

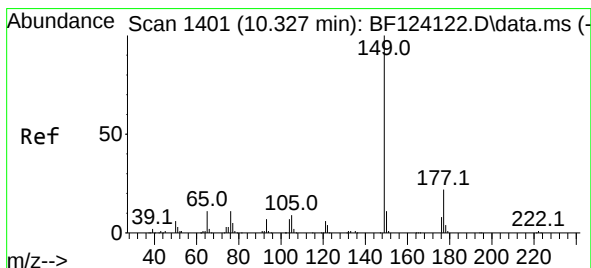
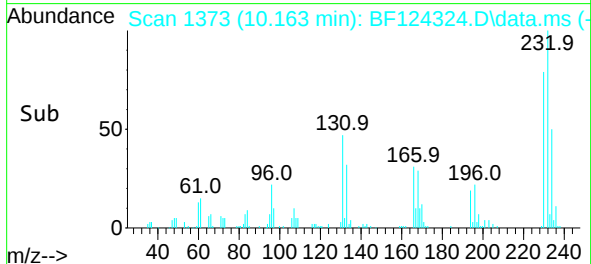
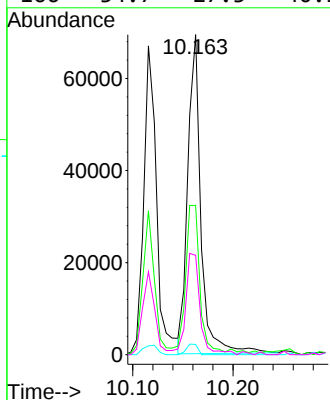
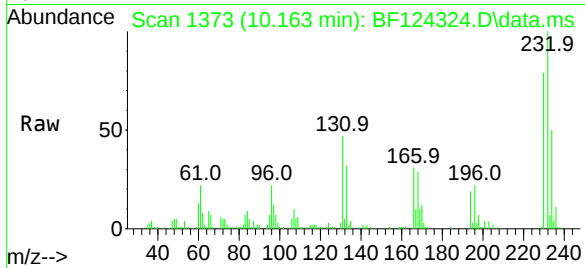




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.321 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

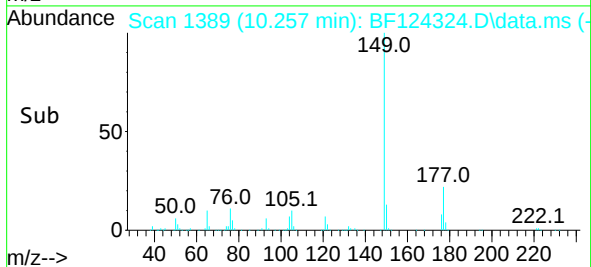
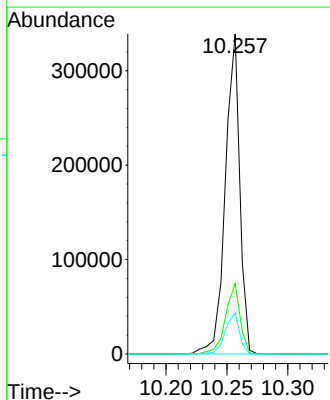
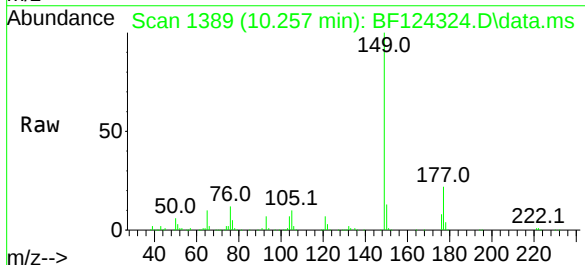
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

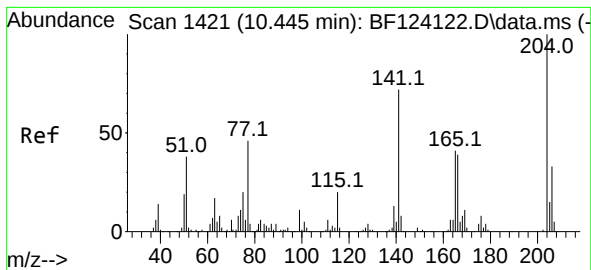
Tgt Ion:232 Resp: 62822  
Ion Ratio Lower Upper  
232 100  
131 48.8 43.2 64.8  
130 2.9 2.2 3.2  
166 34.7 27.3 40.9



#60  
Diethylphthalate  
Concen: 43.109 ng  
RT: 10.257 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:149 Resp: 278985  
Ion Ratio Lower Upper  
149 100  
177 22.0 15.4 23.2  
150 12.9 9.9 14.9

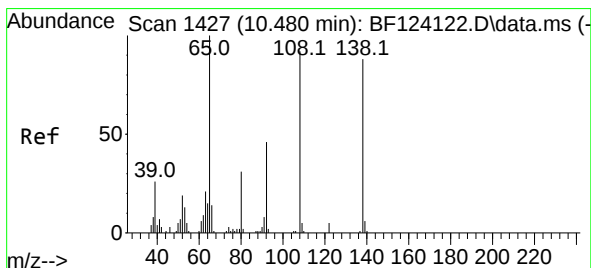
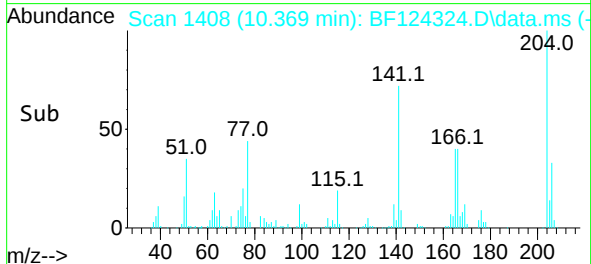
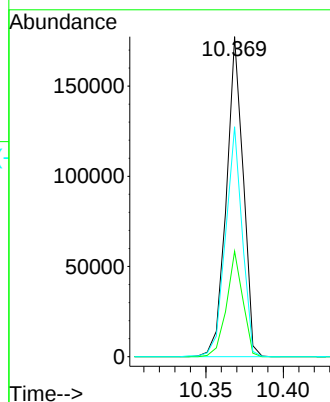
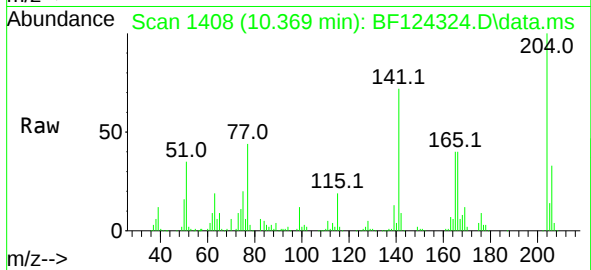




#61  
4-Chlorophenyl-phenylether  
Concen: 42.951 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

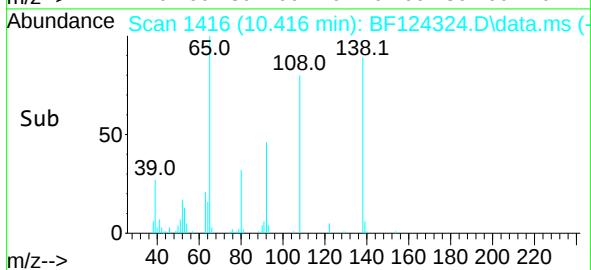
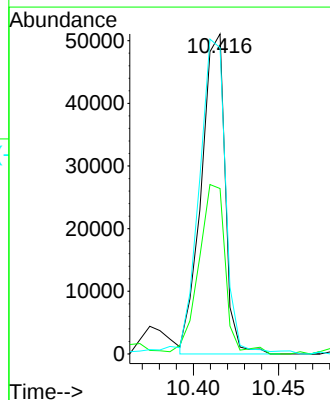
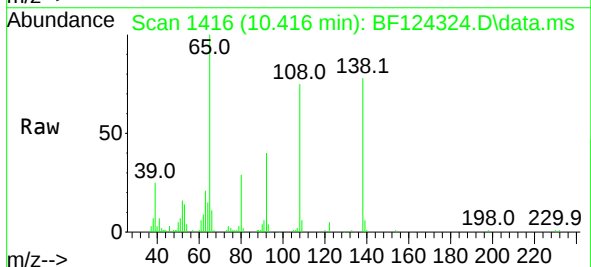
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

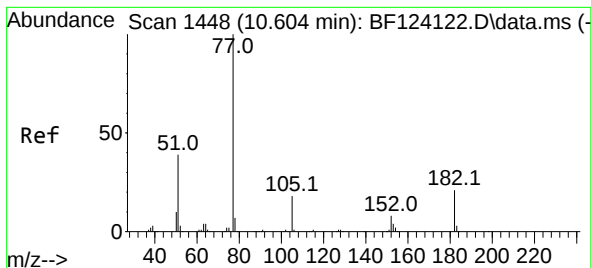
Tgt Ion:204 Resp: 133399  
Ion Ratio Lower Upper  
204 100  
206 32.9 25.7 38.5  
141 71.8 55.5 83.3



#62  
4-Nitroaniline  
Concen: 36.020 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:138 Resp: 49838  
Ion Ratio Lower Upper  
138 100  
92 51.7 35.8 75.8  
108 95.7 63.6 103.6

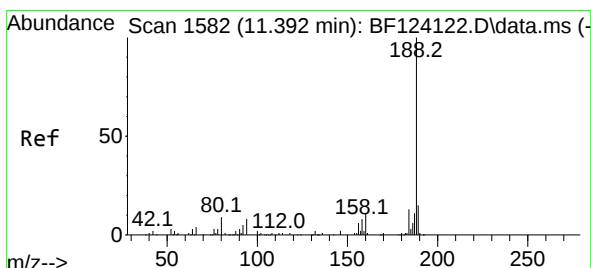
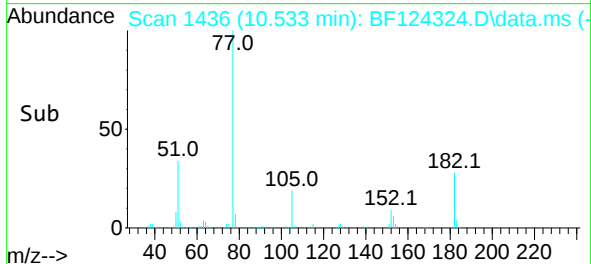
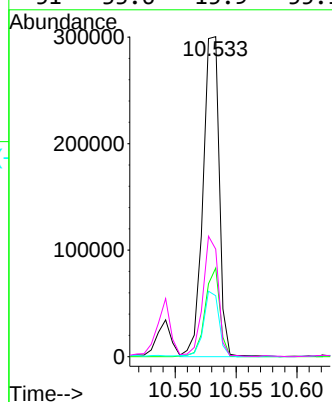
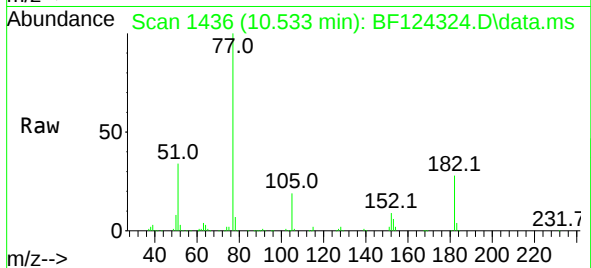




#63  
Azobenzene  
Concen: 41.351 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

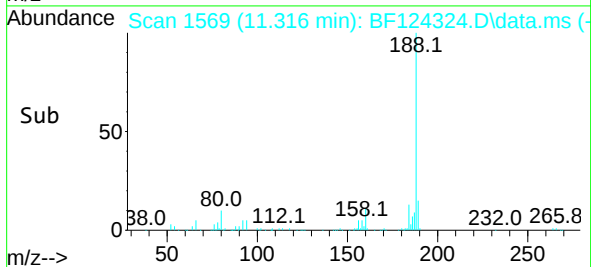
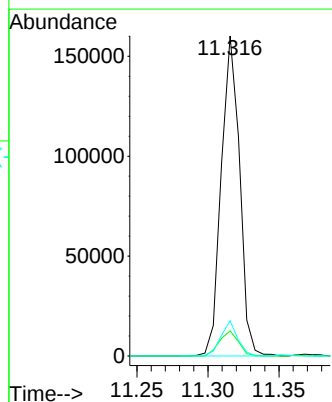
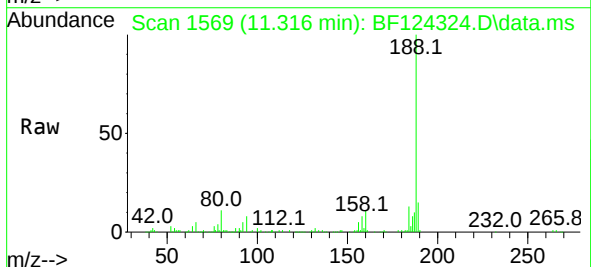
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

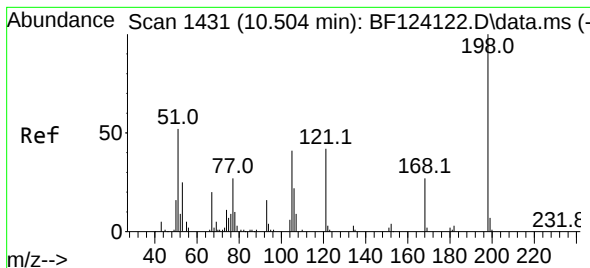
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 278953 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.7    | 1.7 41.7     |
| 105 19.0    | 1.7 41.7     |
| 51 33.6     | 15.9 55.9    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 143535 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 7.8      | 6.9          | 10.3  |  |
| 80 11.0     | 8.2          | 12.2  |  |

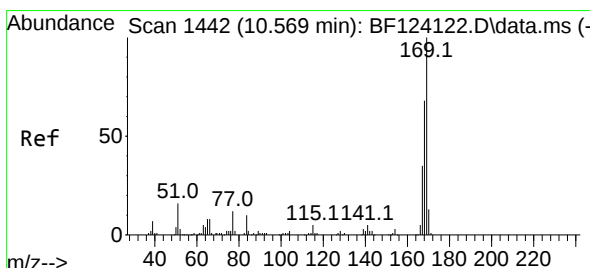
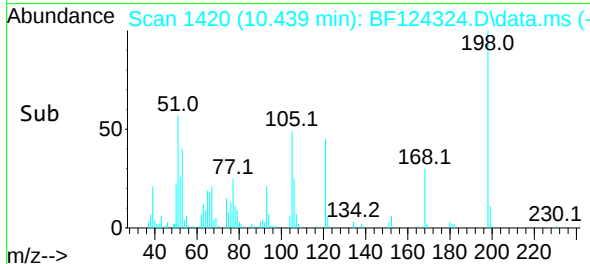
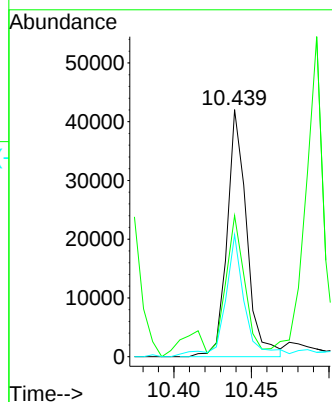
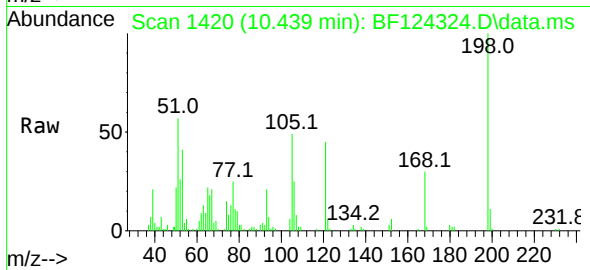




#65  
4,6-Dinitro-2-methylphenol  
Concen: 32.061 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

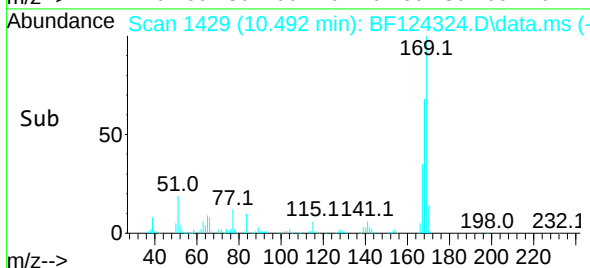
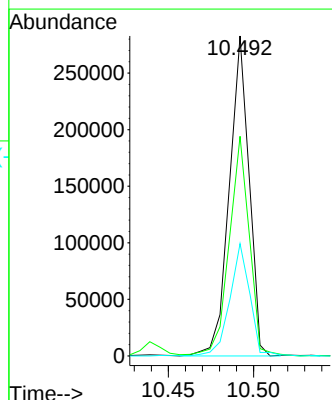
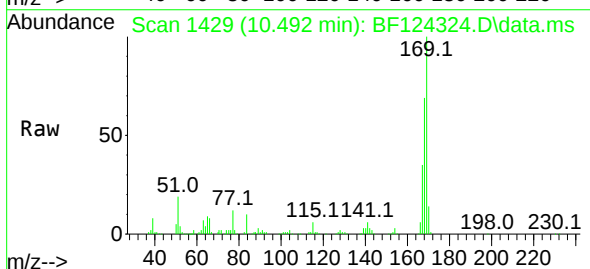
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

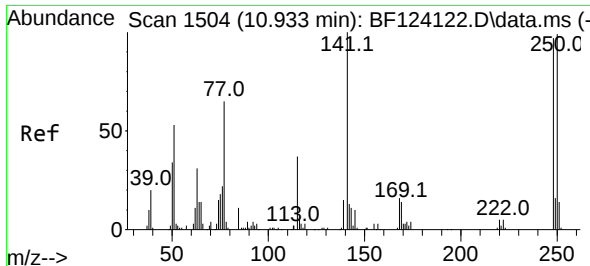
Tgt Ion:198 Resp: 36982  
Ion Ratio Lower Upper  
198 100  
51 57.1 64.8 104.8#  
105 49.4 42.6 82.6



#66  
n-Nitrosodiphenylamine  
Concen: 41.791 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:169 Resp: 227918  
Ion Ratio Lower Upper  
169 100  
168 68.6 53.3 79.9  
167 35.1 29.9 44.9

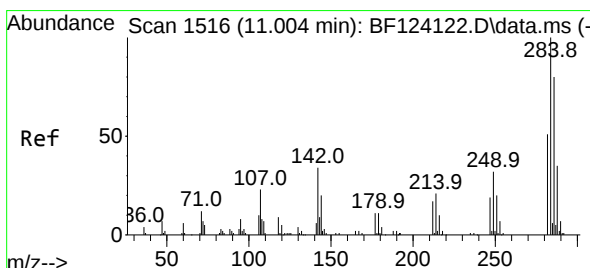
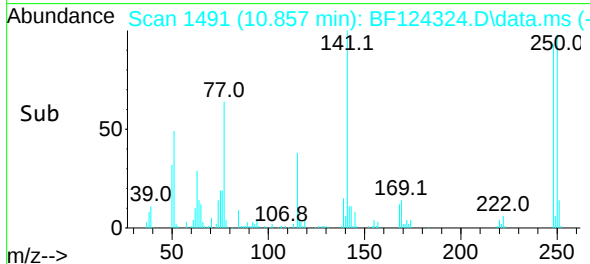
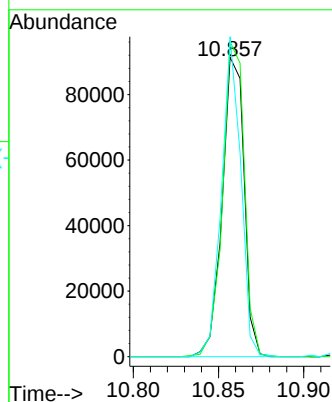
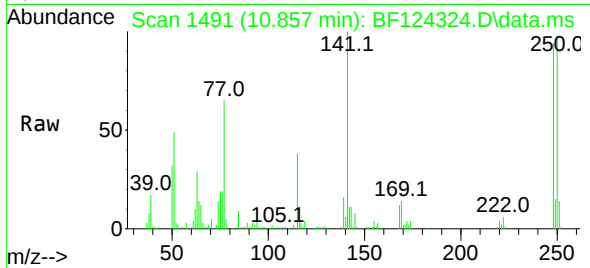




#67  
4-Bromophenyl-phenylether  
Concen: 41.492 ng  
RT: 10.857 min Scan# 1491  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

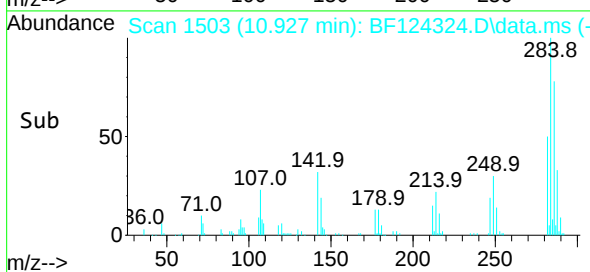
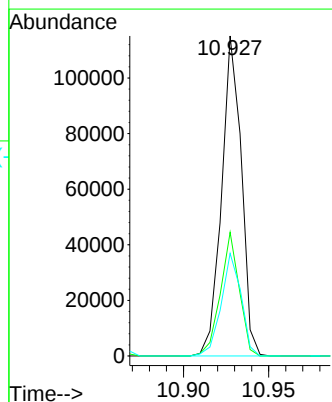
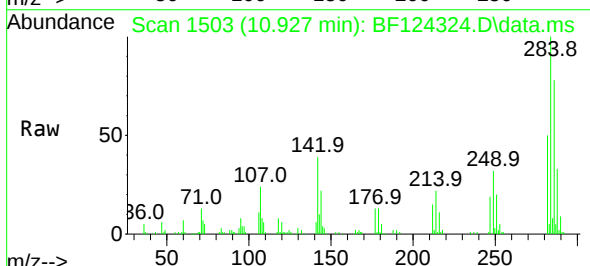
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

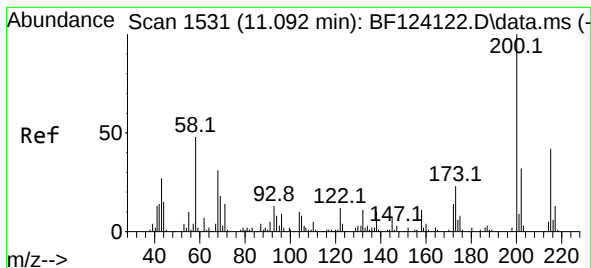
Tgt Ion:248 Resp: 81745  
Ion Ratio Lower Upper  
248 100  
250 105.1 77.4 116.2  
141 106.9 63.7 95.5#



#68  
Hexachlorobenzene  
Concen: 41.590 ng  
RT: 10.927 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:284 Resp: 92805  
Ion Ratio Lower Upper  
284 100  
142 38.6 28.3 42.5  
249 32.1 23.5 35.3





#69

Atrazine

Concen: 47.657 ng

RT: 11.027 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

Tgt Ion:200 Resp: 73574

Ion Ratio Lower Upper

200 100

173 22.4 6.9 46.9

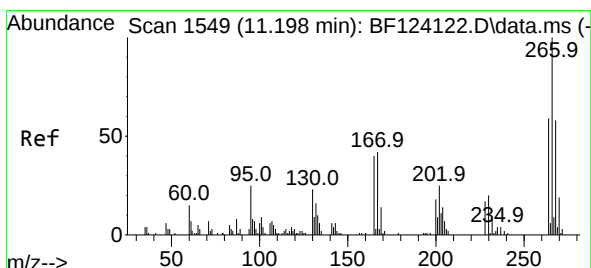
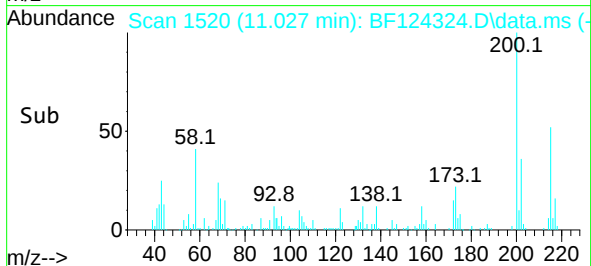
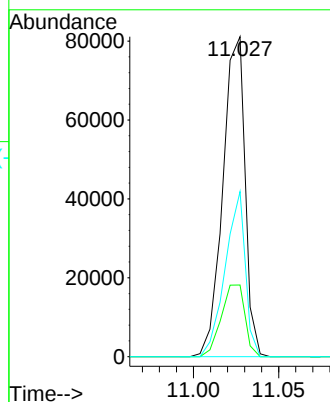
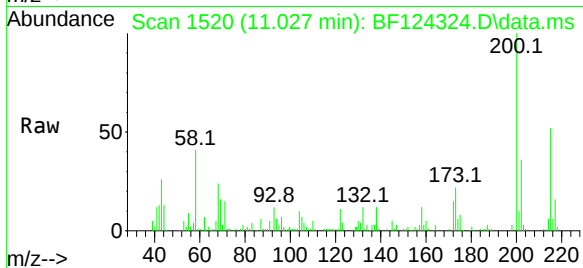
215 51.6 26.5 66.5

Instrument :

BNA\_F

ClientSampleId :

17-B6(88-92)MSD



#70

Pentachlorophenol

Concen: 45.107 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

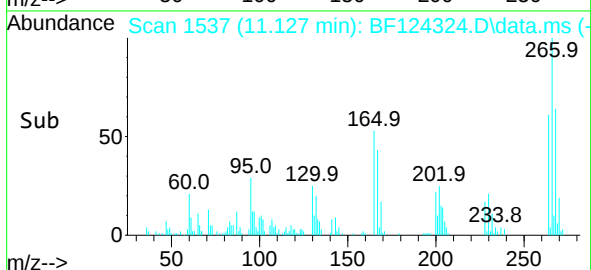
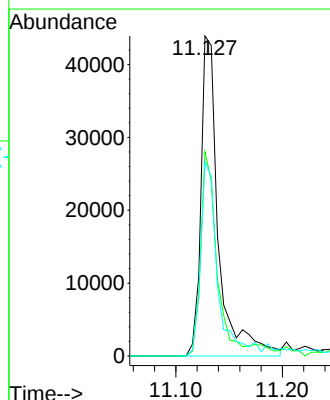
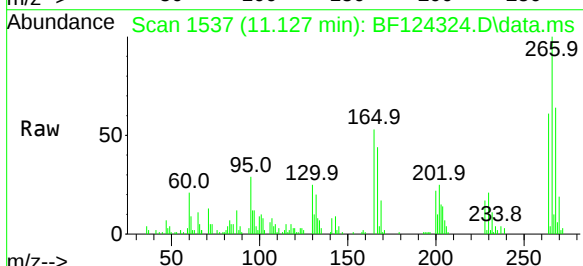
Tgt Ion:266 Resp: 50500

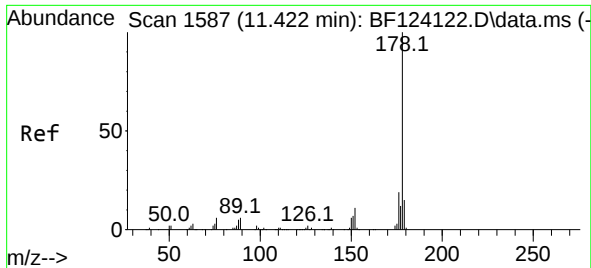
Ion Ratio Lower Upper

266 100

268 63.8 51.6 77.4

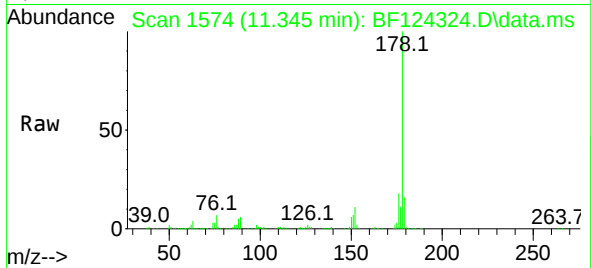
264 60.6 52.6 78.8



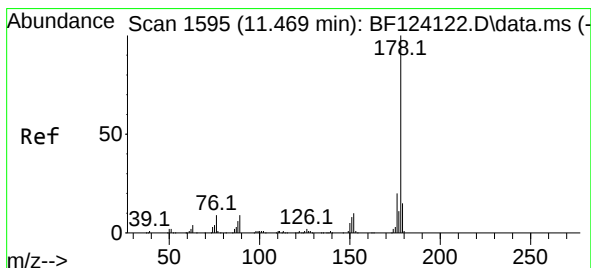
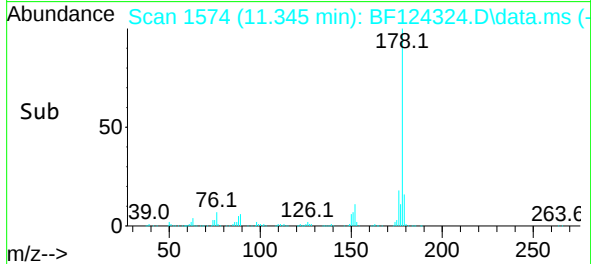
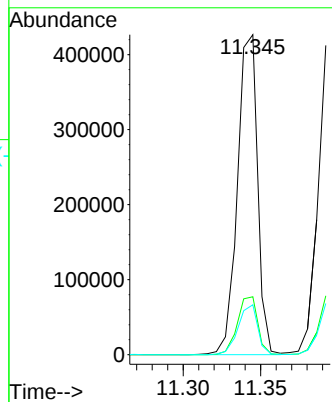


#71  
Phenanthrene  
Concen: 43.045 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

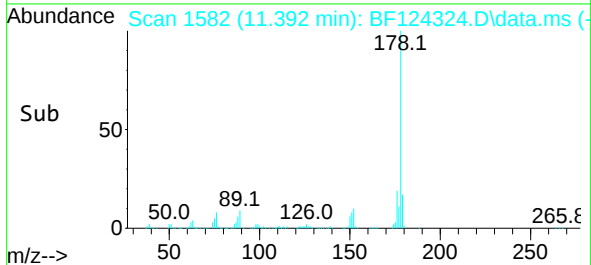
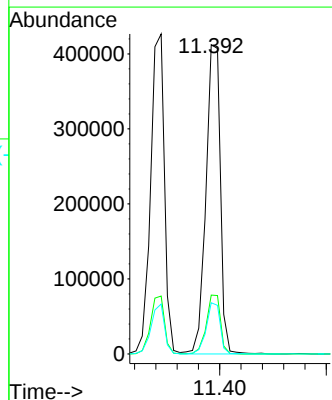
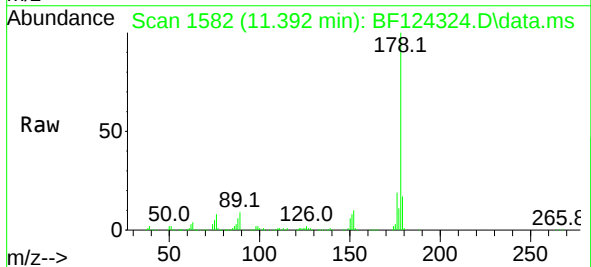


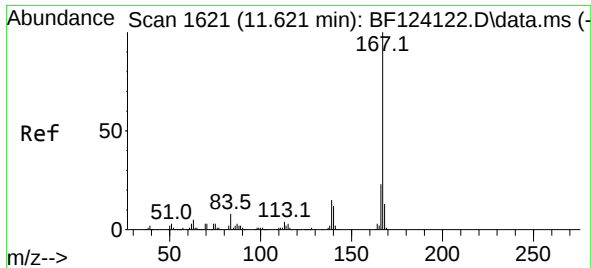
Tgt Ion:178 Resp: 385961  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.6 23.4  
179 15.6 12.5 18.7



#72  
Anthracene  
Concen: 43.176 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:178 Resp: 389878  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 16.5 12.6 18.8

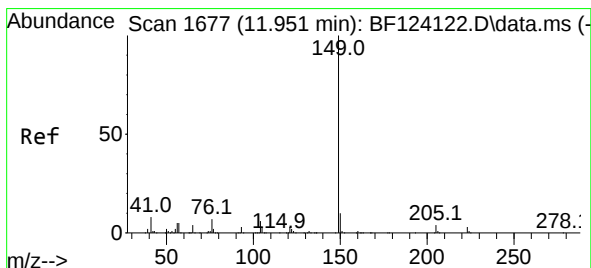
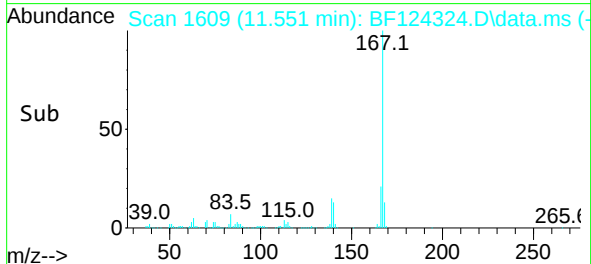
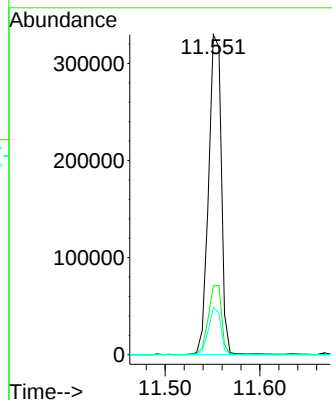
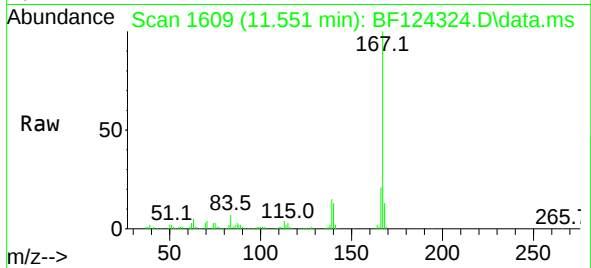




#73  
 Carbazole  
 Concen: 39.158 ng  
 RT: 11.551 min Scan# 1609  
 Delta R.T. -0.006 min  
 Lab File: BF124324.D  
 Acq: 15 Jun 2021 15:50

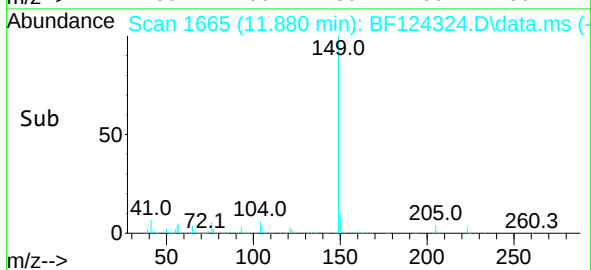
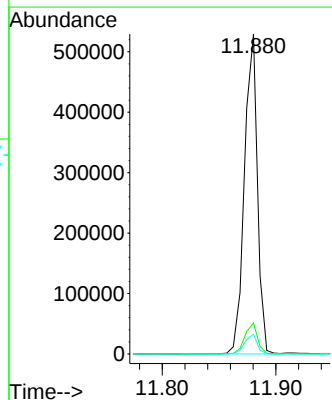
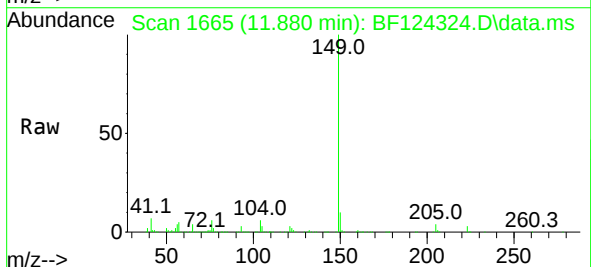
Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-B6(88-92)MSD

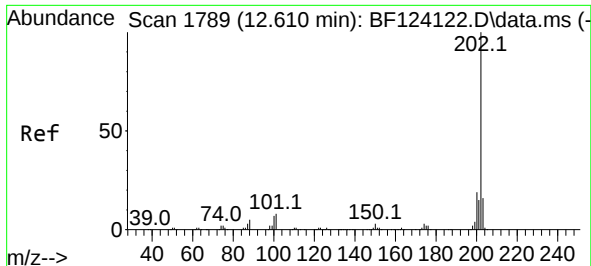
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 308140 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 21.5  | 17.0  | 25.6   |
| 139      | 14.7  | 10.4  | 15.6   |



#74  
 Di-n-butylphthalate  
 Concen: 41.604 ng  
 RT: 11.880 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: BF124324.D  
 Acq: 15 Jun 2021 15:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 420748 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 9.7   | 7.8   | 11.8   |
| 104      | 6.1   | 4.6   | 6.8    |

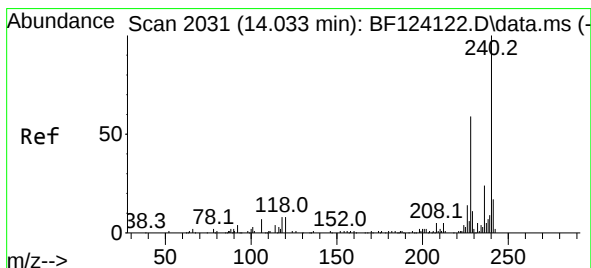
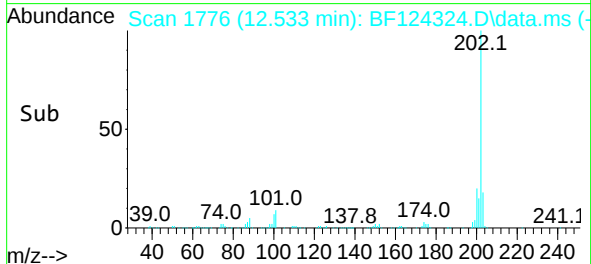
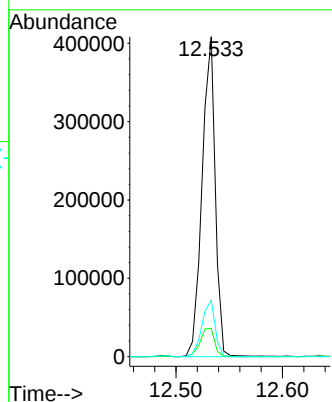
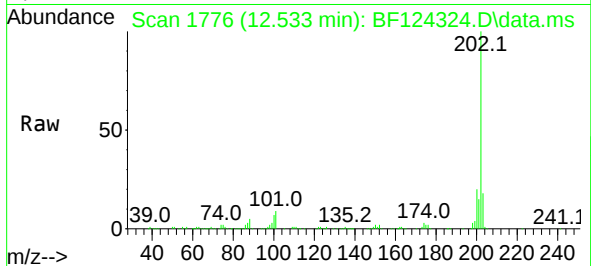




#75  
Fluoranthene  
Concen: 37.500 ng  
RT: 12.533 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

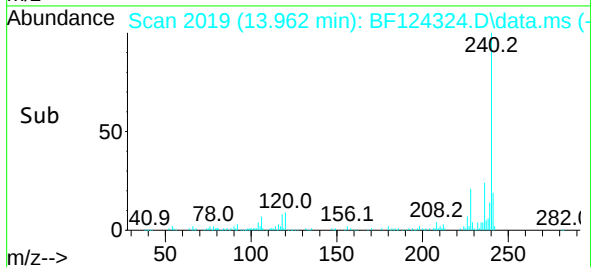
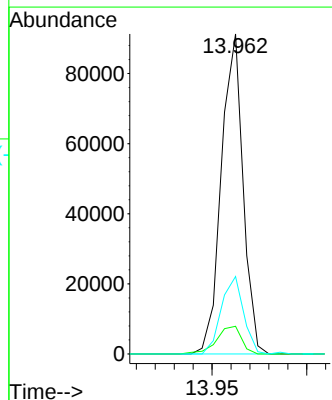
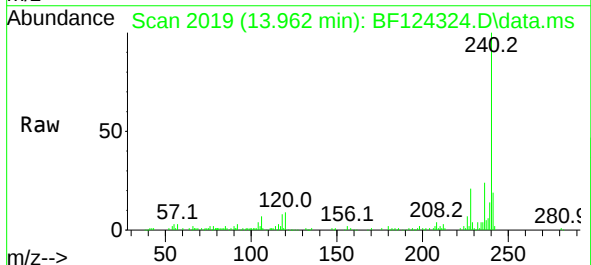
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

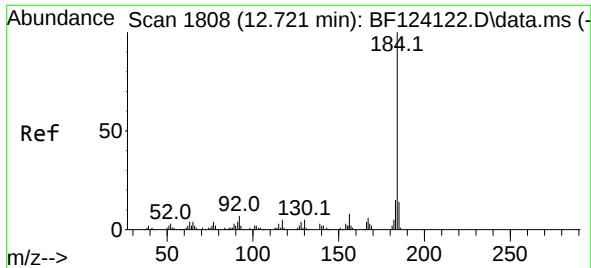
Tgt Ion:202 Resp: 352946  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 30.9  
203 17.6 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:240 Resp: 72800  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.2 10.8  
236 24.2 19.0 28.4

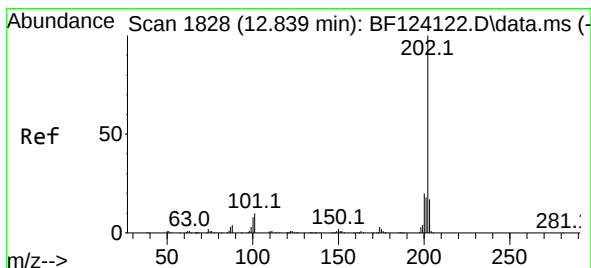
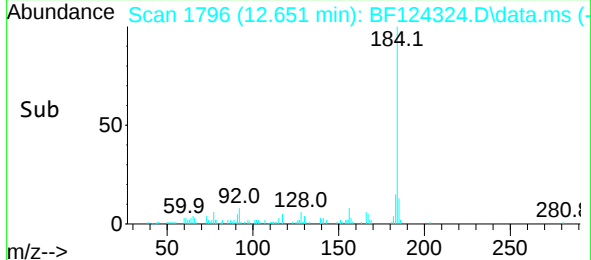
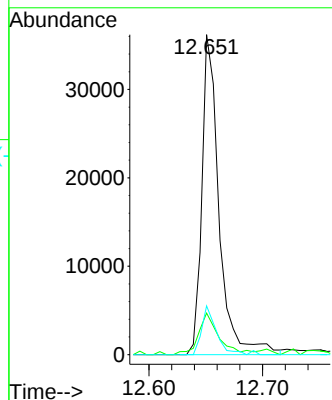
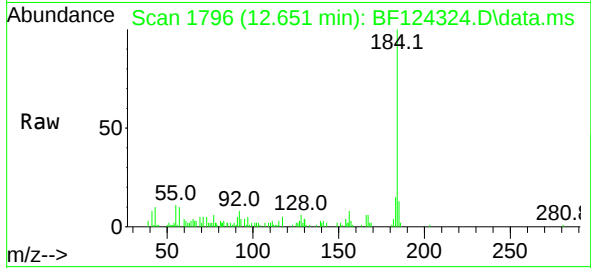




#77  
Benzidine  
Concen: 24.585 ng  
RT: 12.651 min Scan# 1796  
Delta R.T. -0.047 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

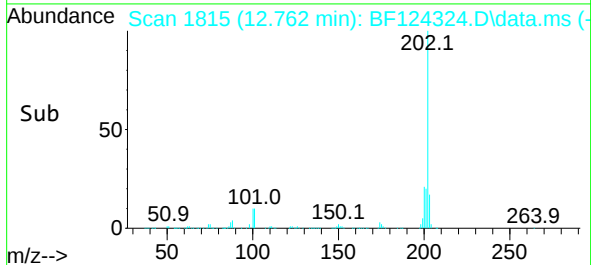
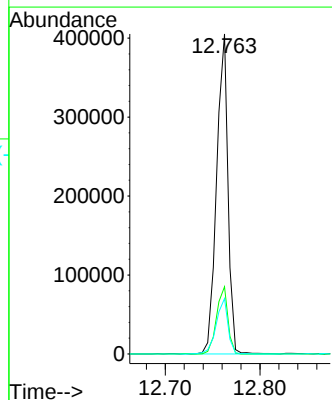
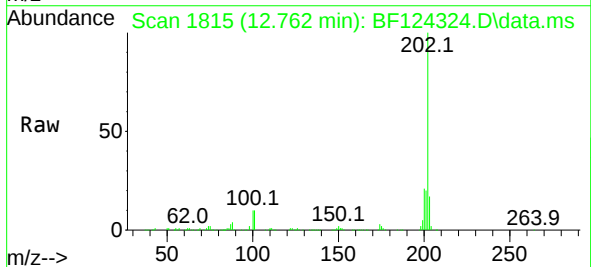
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

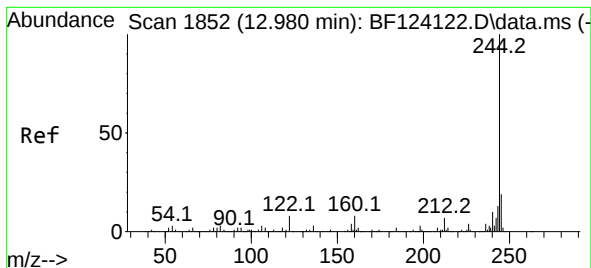
Tgt Ion:184 Resp: 38042  
Ion Ratio Lower Upper  
184 100  
185 13.0 12.1 18.1  
183 15.2 7.8 11.8#



#78  
Pyrene  
Concen: 48.466 ng  
RT: 12.762 min Scan# 1815  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:202 Resp: 338807  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.1 24.1  
203 17.3 14.8 22.2





#79

Terphenyl-d14

Concen: 91.616 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

Tgt Ion:244 Resp: 485786

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

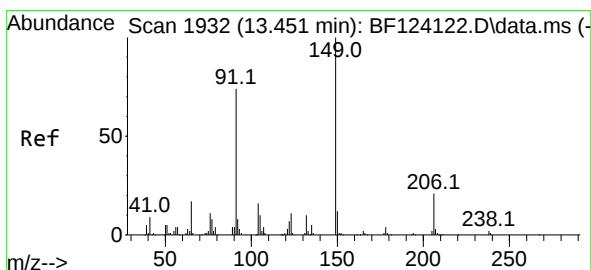
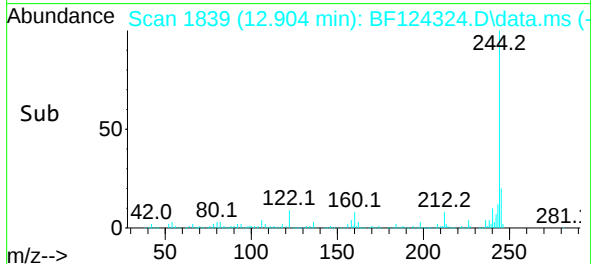
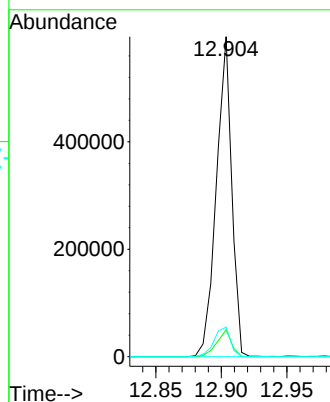
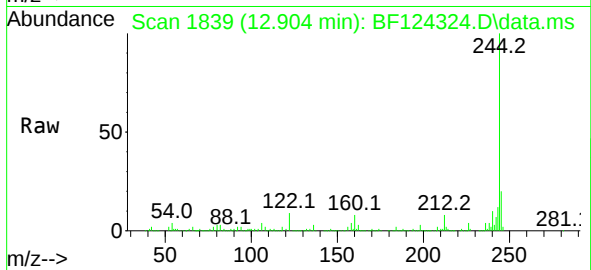
122 9.3 9.7 14.5#

Instrument :

BNA\_F

ClientSampleId :

17-B6(88-92)MSD



#80

Butylbenzylphthalate

Concen: 42.203 ng

RT: 13.374 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

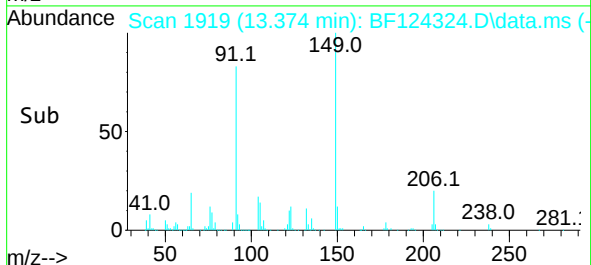
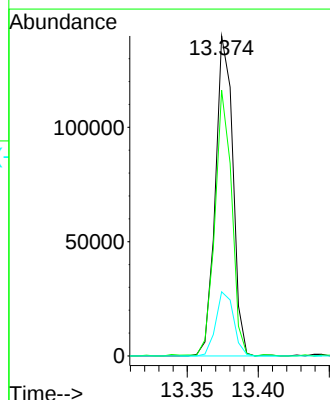
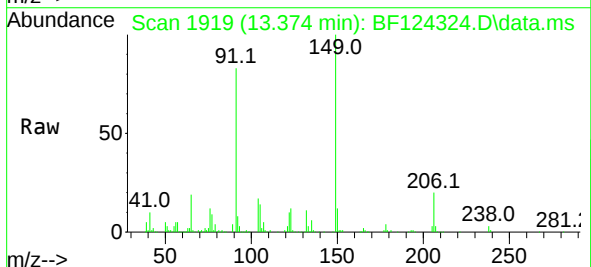
Tgt Ion:149 Resp: 119681

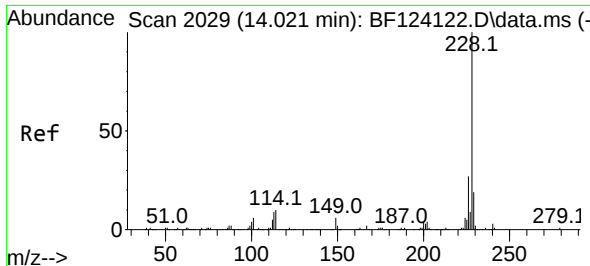
Ion Ratio Lower Upper

149 100

91 83.1 63.6 95.4

206 20.0 14.5 21.7

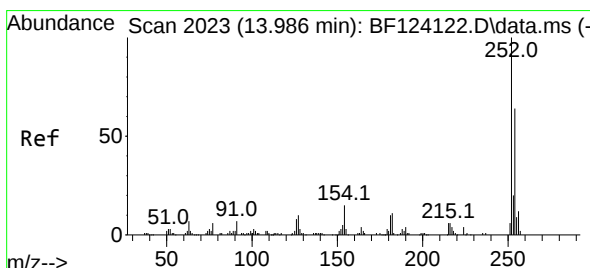
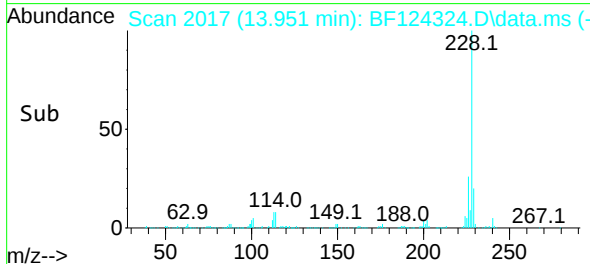
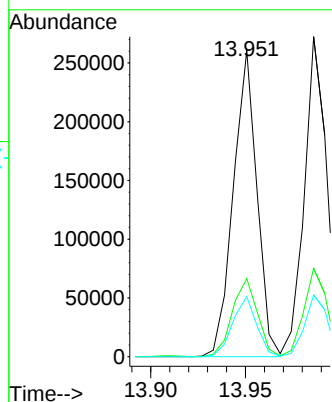
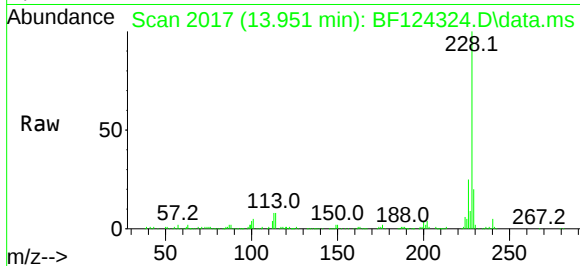




#81  
Benzo(a)anthracene  
Concen: 42.564 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

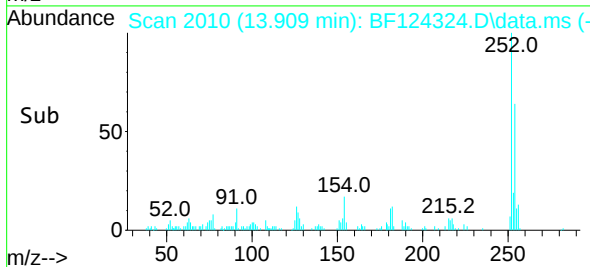
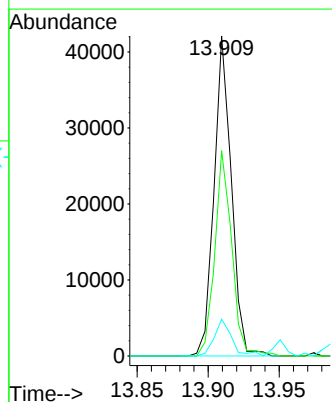
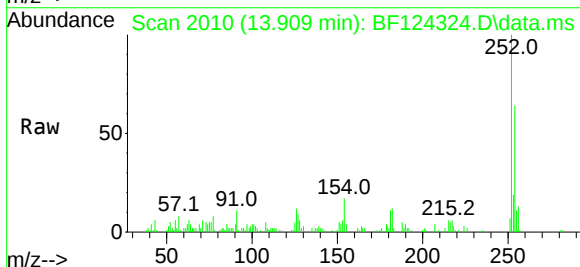
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

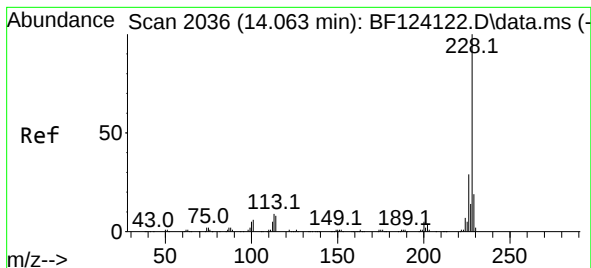
Tgt Ion:228 Resp: 225734  
Ion Ratio Lower Upper  
228 100  
226 25.5 22.4 33.6  
229 19.6 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 22.892 ng  
RT: 13.909 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:252 Resp: 35617  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.1 76.7  
126 11.5 7.7 11.5#





#83

Chrysene

Concen: 42.796 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

Tgt Ion:228 Resp: 218978

Ion Ratio Lower Upper

228 100

226 27.6 24.3 36.5

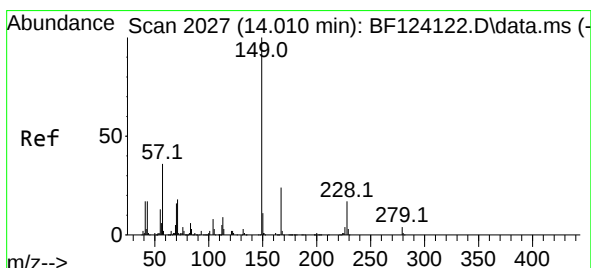
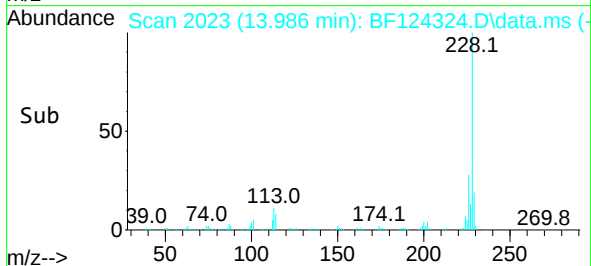
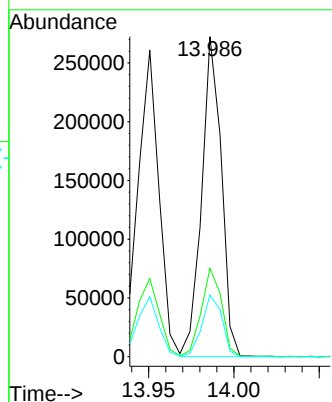
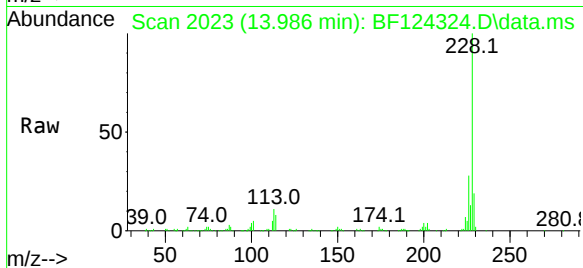
229 19.3 16.2 24.2

Instrument :

BNA\_F

ClientSampleId :

17-B6(88-92)MSD



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.987 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

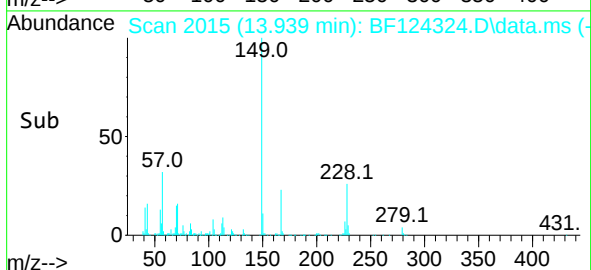
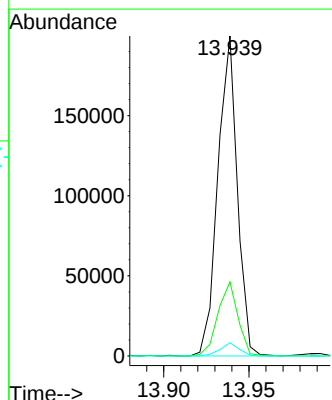
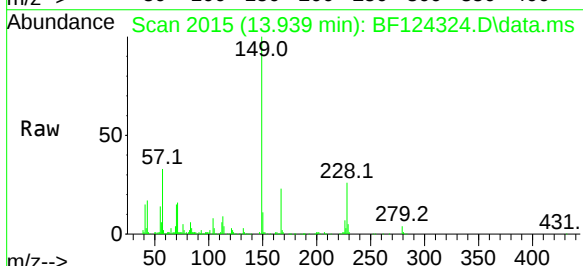
Tgt Ion:149 Resp: 158505

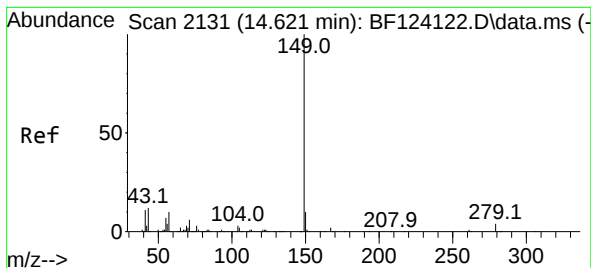
Ion Ratio Lower Upper

149 100

167 23.1 21.8 32.6

279 4.1 3.3 4.9

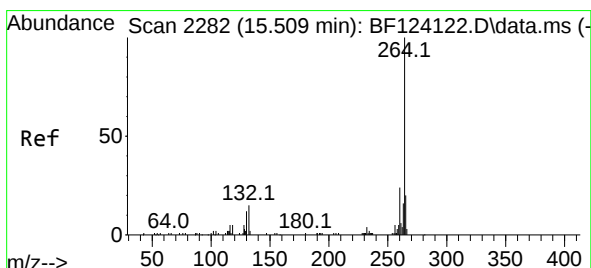
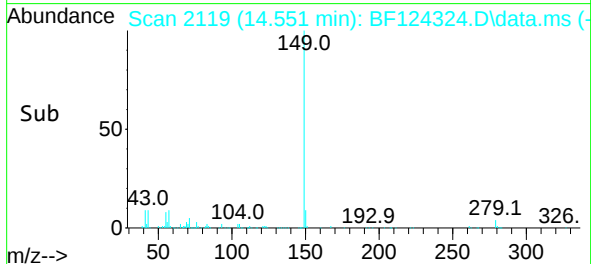
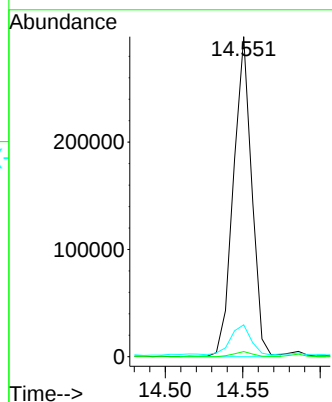
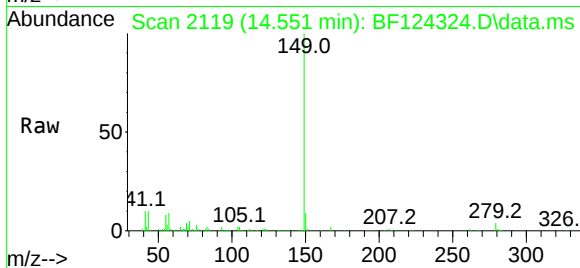




#85  
Di-n-octyl phthalate  
Concen: 54.418 ng  
RT: 14.551 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

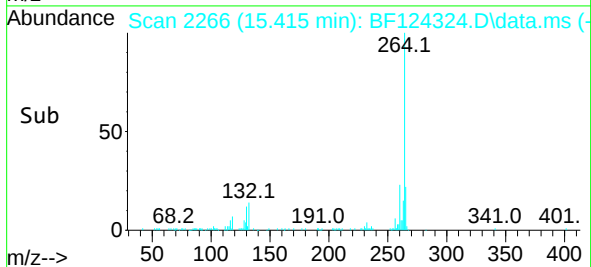
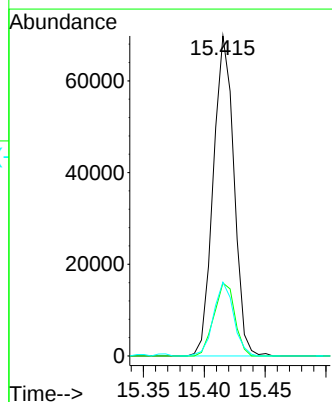
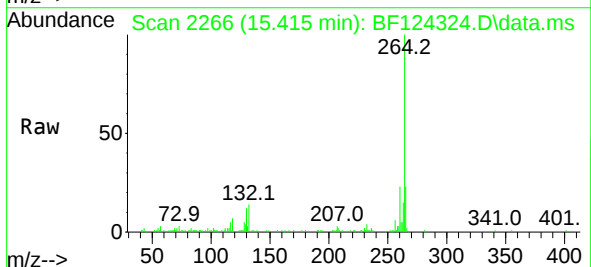
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

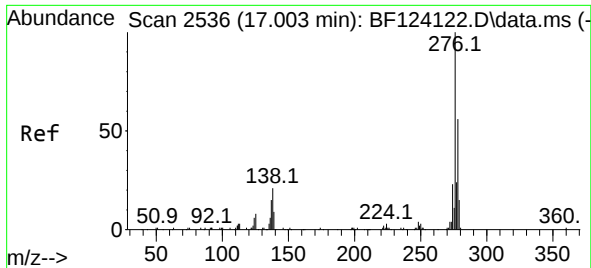
Tgt Ion:149 Resp: 244992  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 11.5 11.8 17.6#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.415 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:264 Resp: 82301  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.7 28.1  
265 23.1 17.8 26.8

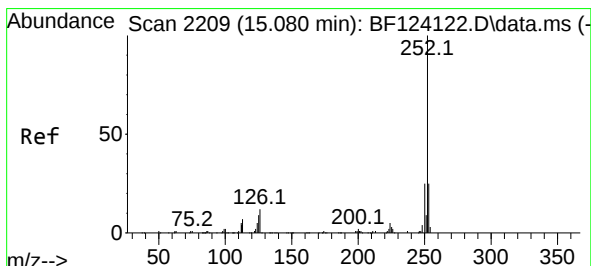
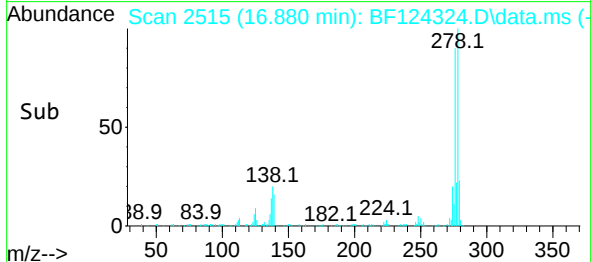
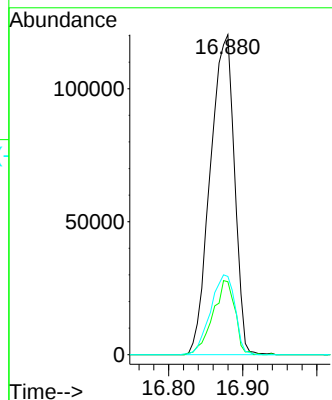
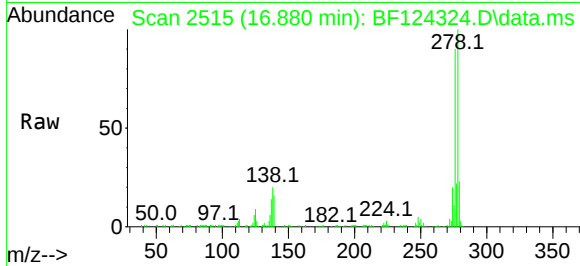




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.551 ng  
RT: 16.880 min Scan# 2515  
Delta R.T. 0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

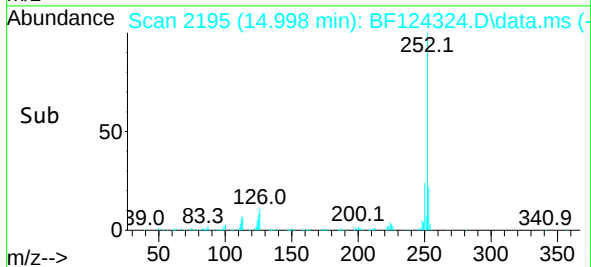
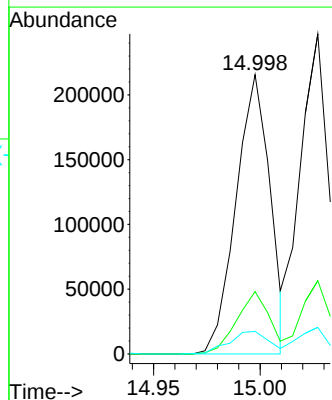
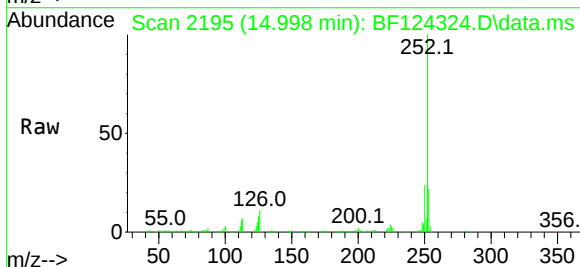
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

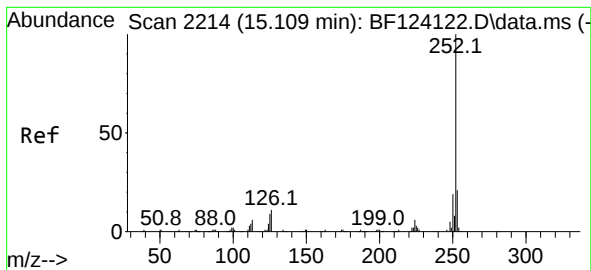
Tgt Ion:276 Resp: 272701  
Ion Ratio Lower Upper  
276 100  
138 21.3 16.2 24.2  
277 25.3 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 37.629 ng  
RT: 14.998 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:252 Resp: 240569  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.1 27.1  
125 8.1 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 38.078 ng

RT: 15.027 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

Tgt Ion:252 Resp: 230460

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

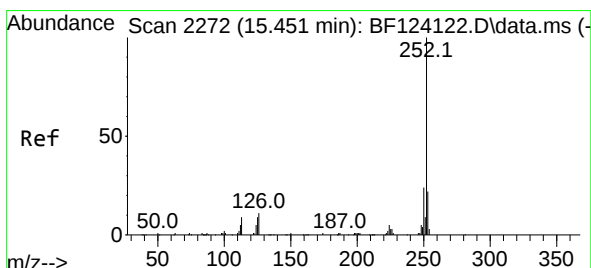
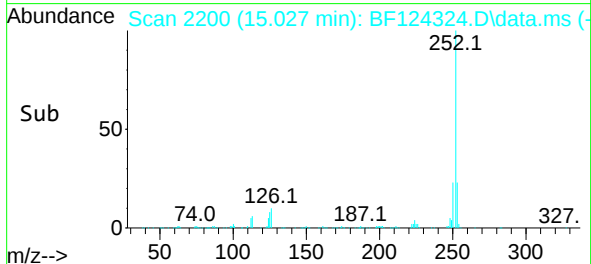
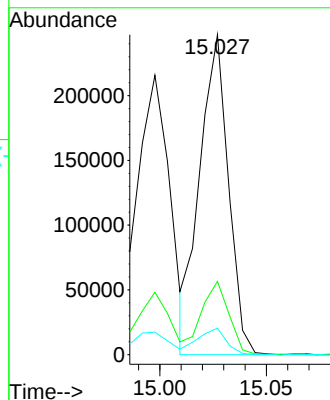
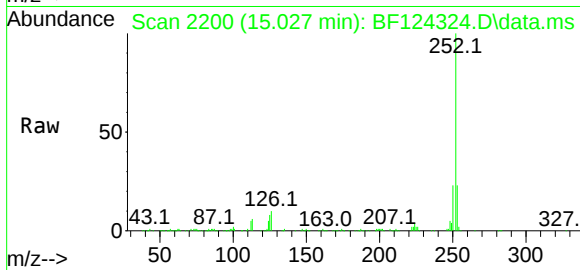
125 8.3 7.0 10.6

Instrument :

BNA\_F

ClientSampleId :

17-B6(88-92)MSD



#90

Benzo(a)pyrene

Concen: 42.537 ng

RT: 15.362 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF124324.D

Acq: 15 Jun 2021 15:50

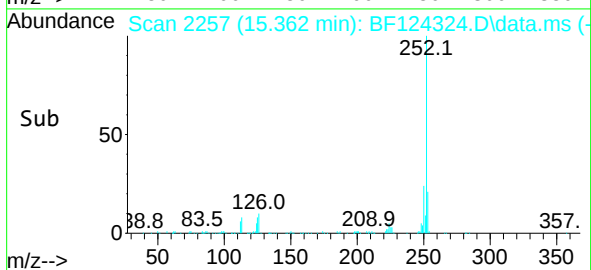
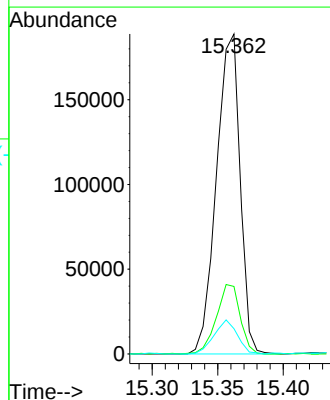
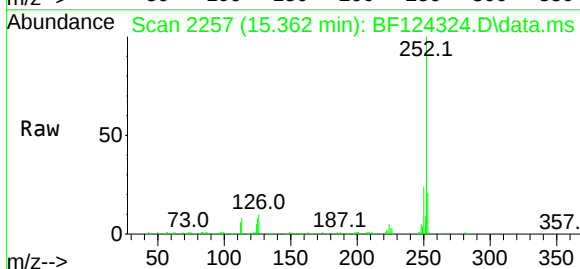
Tgt Ion:252 Resp: 236205

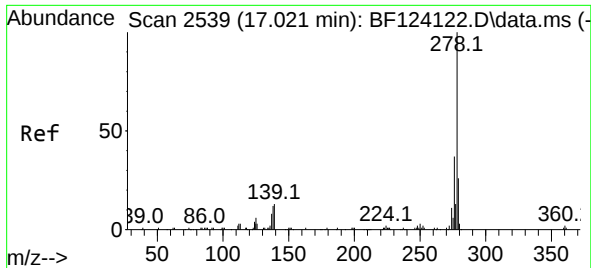
Ion Ratio Lower Upper

252 100

253 21.1 18.4 27.6

125 7.9 8.0 12.0#

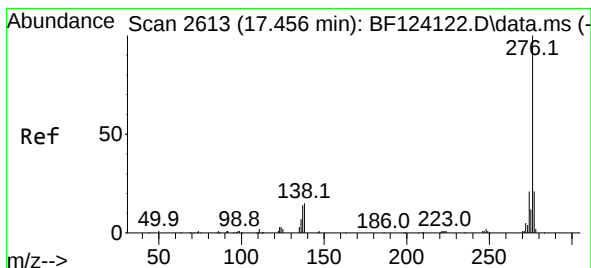
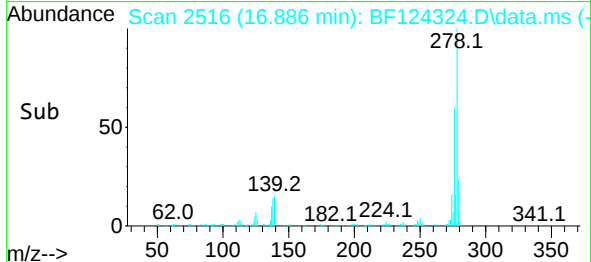
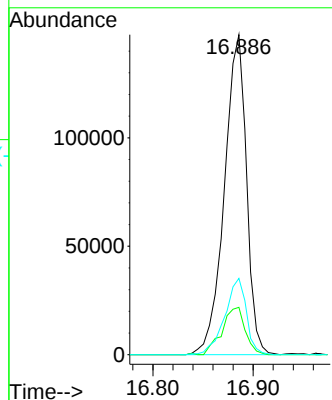
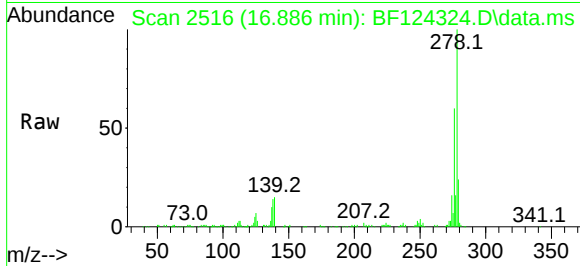




#91  
Dibenzo(a,h)anthracene  
Concen: 39.446 ng  
RT: 16.886 min Scan# 2516  
Delta R.T. -0.000 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(88-92)MSD

Tgt Ion:278 Resp: 225822  
Ion Ratio Lower Upper  
278 100  
139 14.8 10.2 15.2  
279 23.9 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 37.400 ng  
RT: 17.309 min Scan# 2588  
Delta R.T. -0.006 min  
Lab File: BF124324.D  
Acq: 15 Jun 2021 15:50

Tgt Ion:276 Resp: 210493  
Ion Ratio Lower Upper  
276 100  
277 26.0 18.2 27.2  
138 20.3 13.8 20.6

