

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF073121\  
 Data File : BF124894.D  
 Acq On : 31 Jul 2021 15:57  
 Operator : JU/CG  
 Sample : M3235-03MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-462-COMPMS

Quant Time: Aug 02 02:34:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 02 02:31:45 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 5604     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 21262    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 11437    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.380 | 188  | 19324    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.015 | 240  | 10391    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.480 | 264  | 11333    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 38012    | 114.847 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 46984    | 113.233 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 30177    | 84.473  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 11624    | 118.373 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 57243    | 73.512  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 49379    | 81.458  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.657  | 88   | 5291     | 45.733  | ng    | # 100    |
| 3) Pyridine                   | 3.416  | 79   | 11004    | 40.178  | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 10118    | 46.715  | ng    | 87       |
| 6) Aniline                    | 6.522  | 93   | 17707    | 41.524  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.639  | 128  | 16957    | 45.423  | ng    | 89       |
| 9) Benzaldehyde               | 6.410  | 77   | 10355    | 46.352  | ng    | 91       |
| 10) Phenol                    | 6.504  | 94   | 20826    | 52.412  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.592  | 93   | 15537    | 49.316  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 17878    | 44.063  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 18754    | 46.203  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 17385    | 44.328  | ng    | 96       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 13989    | 51.268  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 24304    | 45.834  | ng    | 92       |
| 17) 2-Methylphenol            | 7.110  | 107  | 13354    | 49.103  | ng    | 94       |
| 18) Hexachloroethane          | 7.369  | 117  | 7581     | 49.275  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 11495    | 51.880  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 16929    | 47.114  | ng    | # 83     |
| 22) Acetophenone              | 7.269  | 105  | 23707    | 48.115  | ng    | 93       |
| 24) Nitrobenzene              | 7.439  | 77   | 17203    | 49.118  | ng    | 94       |
| 25) Isophorone                | 7.681  | 82   | 30107    | 47.662  | ng    | 93       |
| 26) 2-Nitrophenol             | 7.757  | 139  | 8835     | 45.545  | ng    | # 79     |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 14199    | 47.569  | ng    | 86       |
| 28) bis(2-Chloroethoxy)met... | 7.886  | 93   | 19182    | 52.256  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 13847    | 43.802  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.081  | 180  | 16219    | 46.811  | ng    | 99       |
| 31) Naphthalene               | 8.163  | 128  | 48161    | 43.404  | ng    | 100      |
| 32) Benzoic acid              | 7.910  | 122  | 5673     | 24.554  | ng    | 93       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 8071     | 19.344  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 8.275  | 225  | 9197     | 44.406  | ng    | 95       |
| 35) Caprolactam               | 8.616  | 113  | 1577     | 19.193  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 15214    | 50.456  | ng    | 89       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 32141    | 43.352  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.951  | 142  | 29574    | 42.107  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.016  | 216  | 14999    | 47.003  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.004  | 237  | 15864    | 84.027  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.127  | 196  | 9938     | 43.870  | ng    | 96       |

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 Response via : Initial Calibration

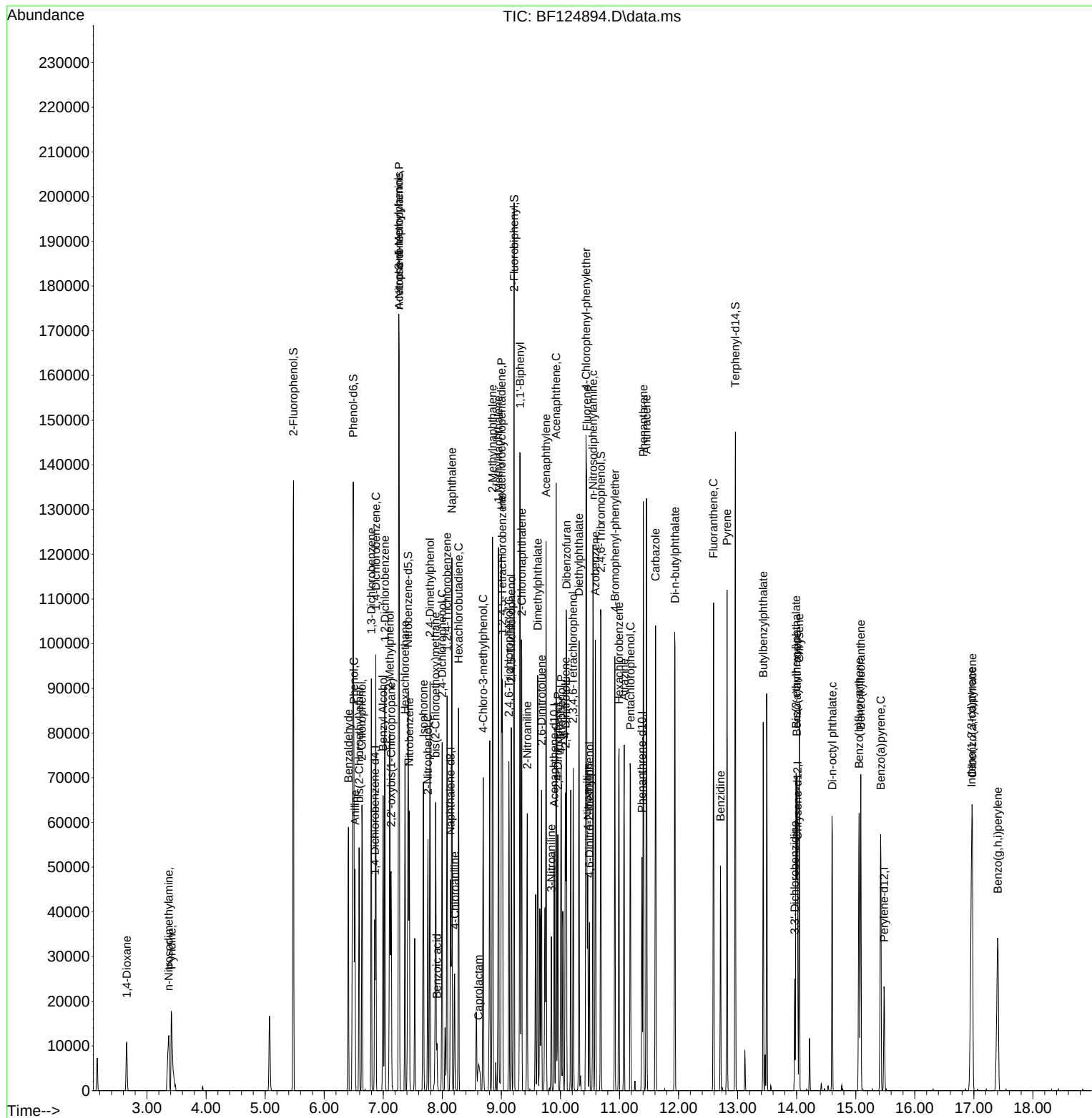
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 10202    | 43.861 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 37127    | 43.489 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.345  | 162  | 30558    | 45.216 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 9402     | 53.130 | ng    | 97       |
| 49) Acenaphthylene            | 9.757  | 152  | 47954    | 46.011 | ng    | 99       |
| 50) Dimethylphthalate         | 9.616  | 163  | 35222    | 44.726 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 9.680  | 165  | 8093     | 46.517 | ng    | 99       |
| 52) Acenaphthene              | 9.927  | 154  | 27513    | 39.822 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 4805     | 26.252 | ng    | # 67     |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 6283     | 62.453 | ng    | 92       |
| 55) Dibenzofuran              | 10.104 | 168  | 43342    | 43.901 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 11880    | 82.191 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 10320    | 43.711 | ng    | # 95     |
| 58) Fluorene                  | 10.445 | 166  | 32951    | 43.508 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 7860     | 42.788 | ng    | # 94     |
| 60) Diethylphthalate          | 10.316 | 149  | 36352    | 44.391 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.433 | 204  | 15775    | 43.087 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.463 | 138  | 7981     | 44.067 | ng    | 95       |
| 63) Azobenzene                | 10.592 | 77   | 33740    | 46.571 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 4501     | 35.966 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 28315    | 45.216 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248  | 9812     | 47.877 | ng    | # 84     |
| 68) Hexachlorobenzene         | 10.992 | 284  | 10296    | 48.373 | ng    | # 87     |
| 69) Atrazine                  | 11.080 | 200  | 9040     | 47.481 | ng    | 98       |
| 70) Pentachlorophenol         | 11.186 | 266  | 9232     | 69.753 | ng    | 91       |
| 71) Phenanthrene              | 11.404 | 178  | 47215    | 45.428 | ng    | 96       |
| 72) Anthracene                | 11.457 | 178  | 48340    | 46.524 | ng    | 98       |
| 73) Carbazole                 | 11.610 | 167  | 40923    | 42.017 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.939 | 149  | 52623    | 40.564 | ng    | 99       |
| 75) Fluoranthene              | 12.592 | 202  | 42510    | 40.081 | ng    | 99       |
| 77) Benzidine                 | 12.710 | 184  | 19499    | 66.546 | ng    | 98       |
| 78) Pyrene                    | 12.821 | 202  | 41686    | 50.674 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 16566    | 42.045 | ng    | 92       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 29786    | 43.853 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.968 | 252  | 5963     | 31.634 | ng    | 97       |
| 83) Chrysene                  | 14.045 | 228  | 29176    | 44.586 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 20089    | 34.615 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.604 | 149  | 30419    | 32.300 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.962 | 276  | 38171    | 58.340 | ng    | 94       |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 32306    | 40.488 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 30620    | 41.998 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.421 | 252  | 32365    | 48.556 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 31402    | 54.824 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.403 | 276  | 32572    | 59.968 | ng    | 92       |

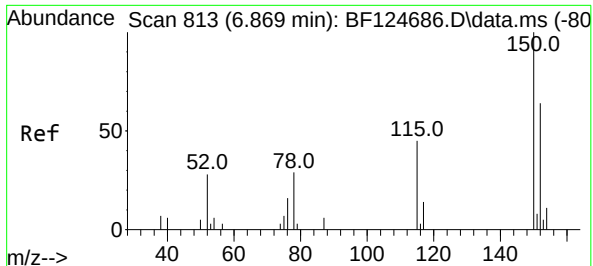
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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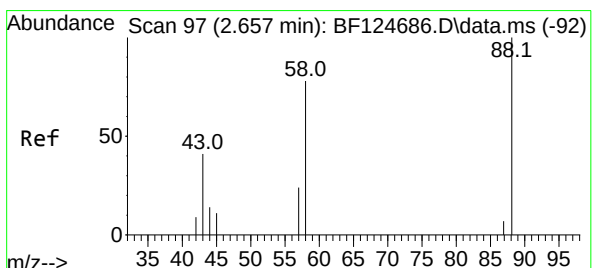
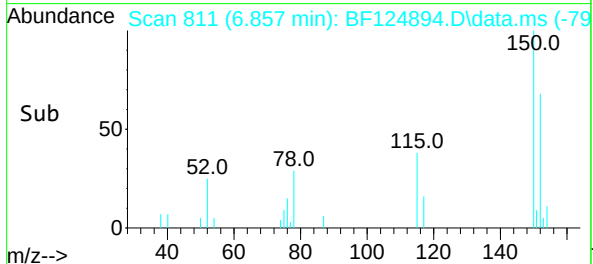
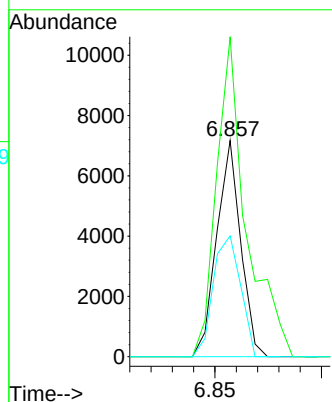
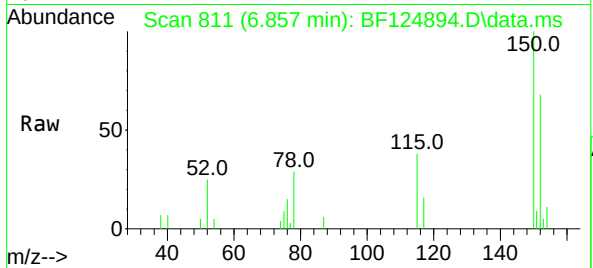




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 811  
 Delta R.T. 0.000 min  
 Lab File: BF124894.D  
 Acq: 31 Jul 2021 15:57

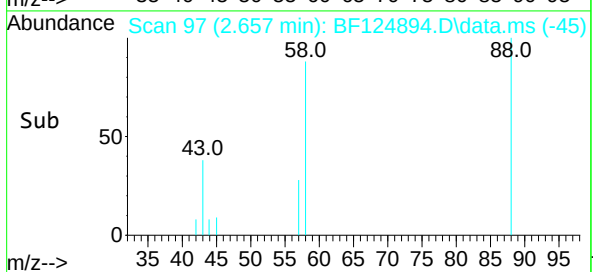
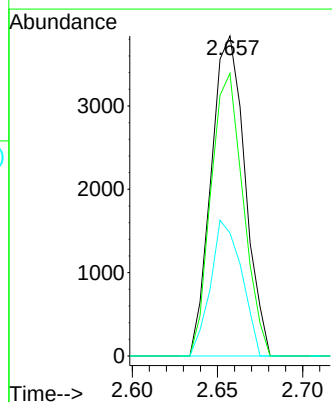
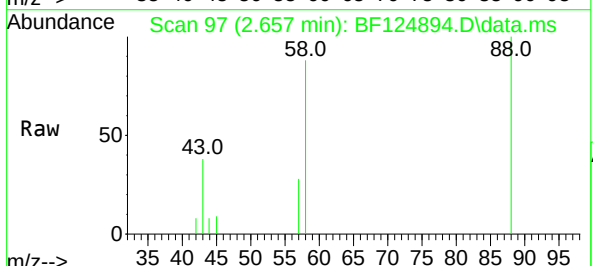
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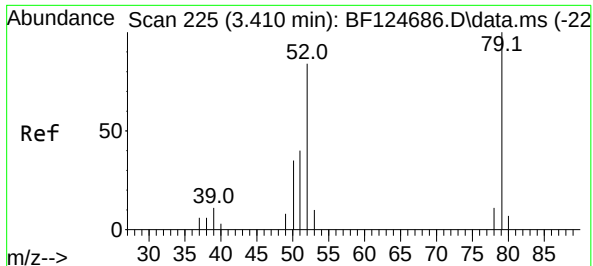
Tgt Ion:152 Resp: 5604  
 Ion Ratio Lower Upper  
 152 100  
 150 148.0 117.6 176.4  
 115 55.9 47.1 70.7



#2  
 1,4-Dioxane  
 Concen: 45.733 ng  
 RT: 2.657 min Scan# 97  
 Delta R.T. 0.006 min  
 Lab File: BF124894.D  
 Acq: 31 Jul 2021 15:57

Tgt Ion: 88 Resp: 5291  
 Ion Ratio Lower Upper  
 88 100  
 58 84.1 0.0 0.0#  
 43 39.0 0.0 0.0#

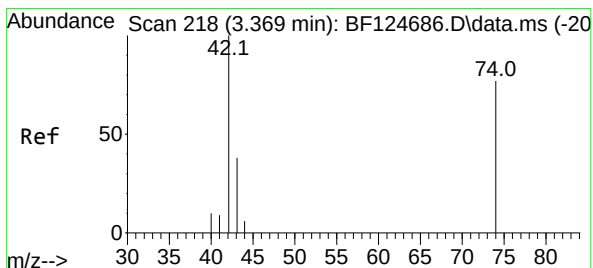
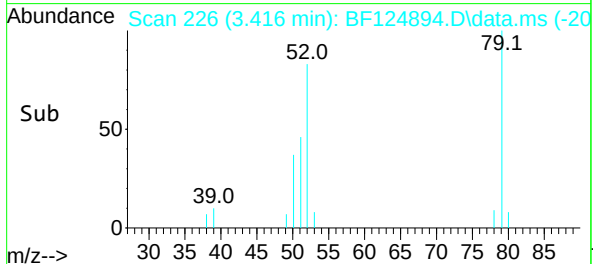
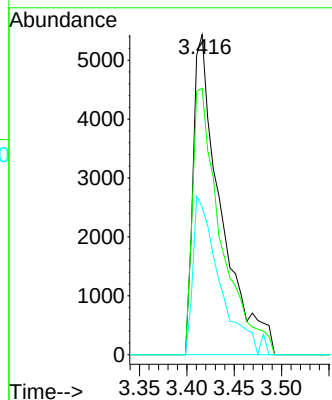
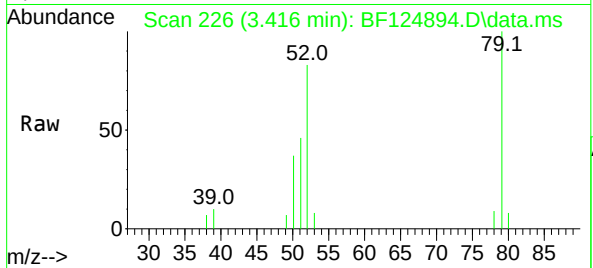




#3  
Pyridine  
Concen: 40.178 ng  
RT: 3.416 min Scan# 226  
Delta R.T. 0.012 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

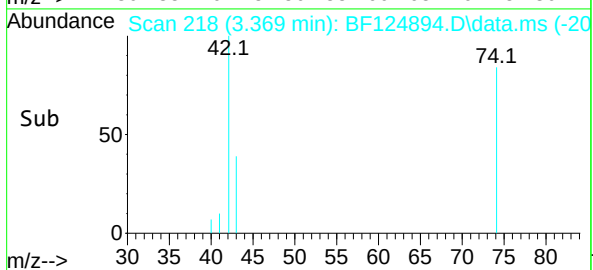
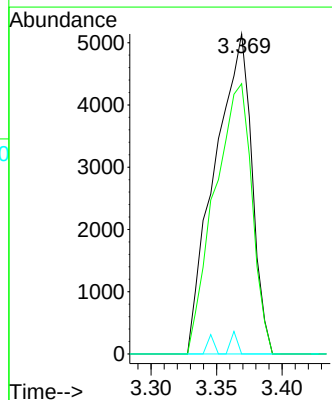
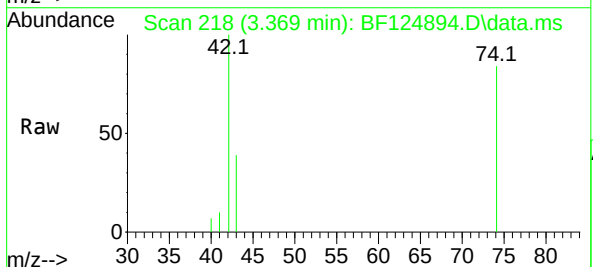
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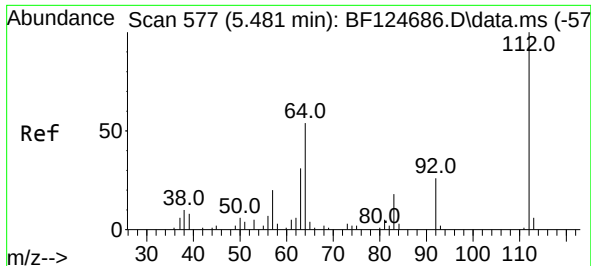
Tgt Ion: 79 Resp: 11004  
Ion Ratio Lower Upper  
79 100  
52 83.2 70.3 105.5  
51 46.2 44.1 66.1



#4  
n-Nitrosodimethylamine  
Concen: 46.715 ng  
RT: 3.369 min Scan# 218  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion: 42 Resp: 10118  
Ion Ratio Lower Upper  
42 100  
74 84.5 59.0 88.6  
44 0.0 0.0 0.0

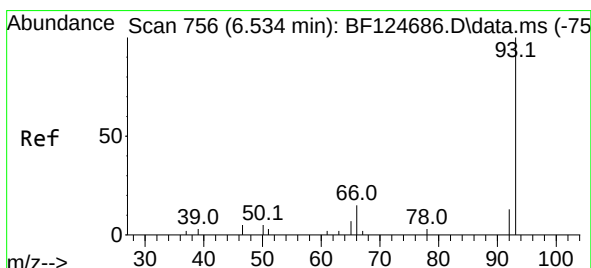
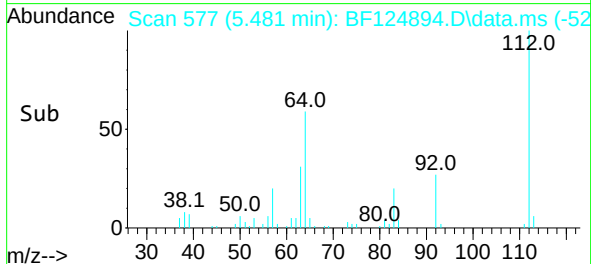
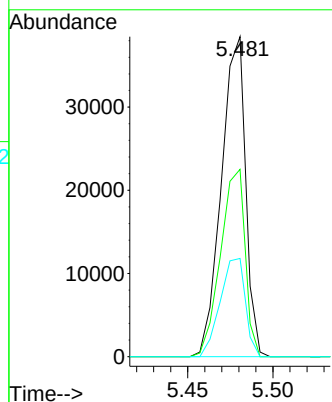
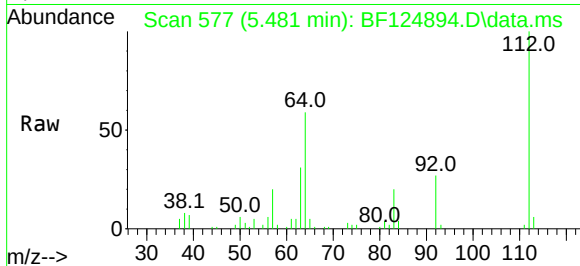




#5  
2-Fluorophenol  
Concen: 114.847 ng  
RT: 5.481 min Scan# 577  
Delta R.T. 0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

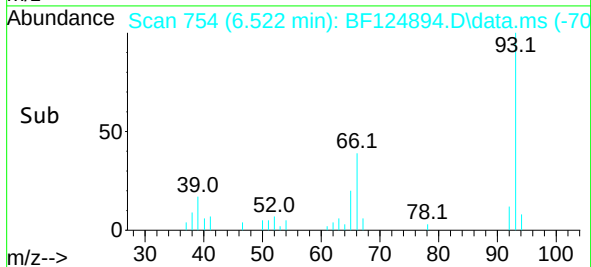
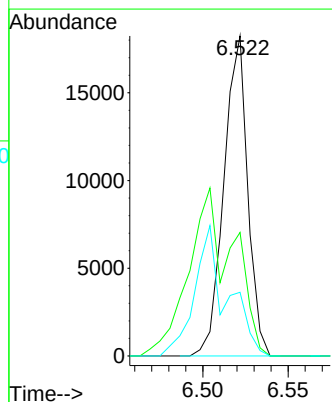
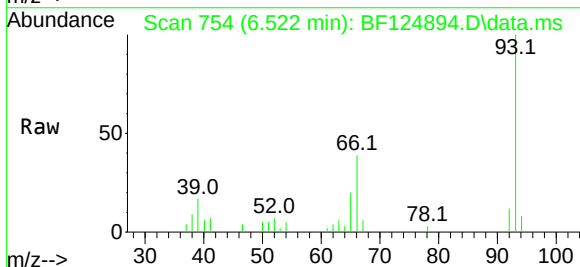
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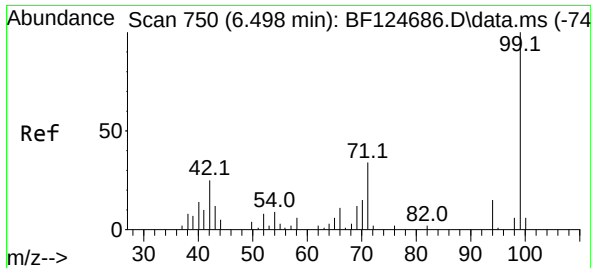
Tgt Ion:112 Resp: 38012  
Ion Ratio Lower Upper  
112 100  
64 58.6 44.2 66.2  
63 30.7 26.2 39.2



#6  
Aniline  
Concen: 41.524 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion: 93 Resp: 17707  
Ion Ratio Lower Upper  
93 100  
66 38.6 32.7 49.1  
65 19.9 14.2 21.4

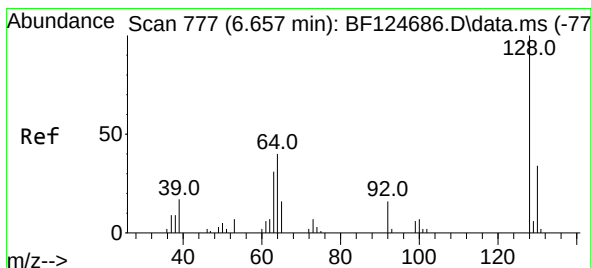
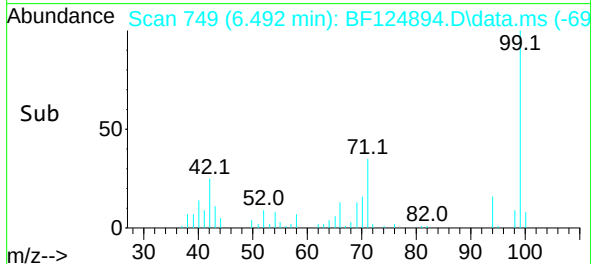
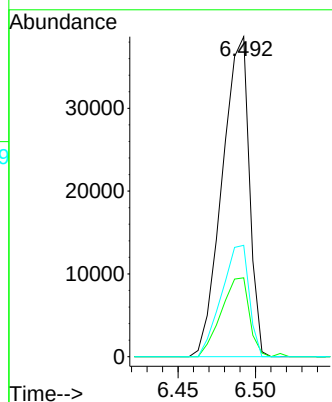
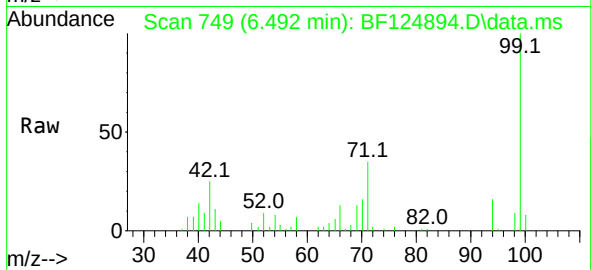




#7  
Phenol-d6  
Concen: 113.233 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

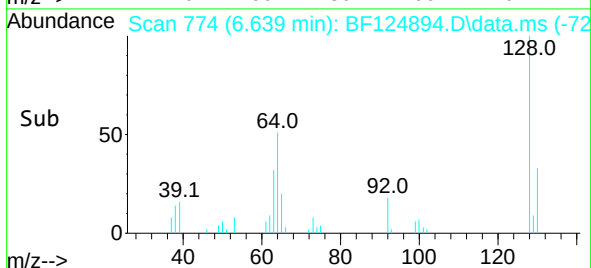
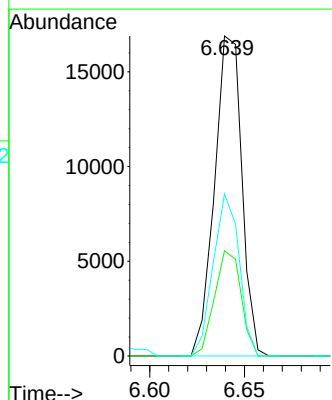
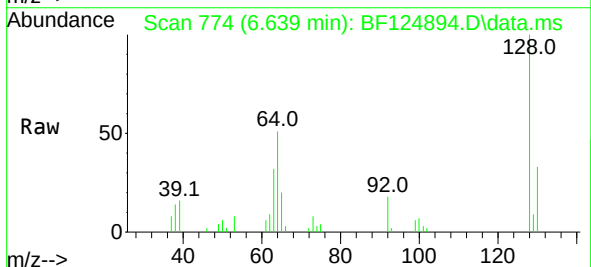
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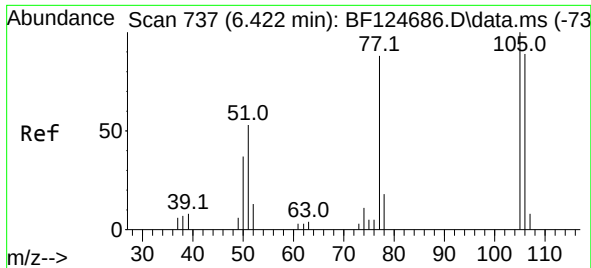
|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 46984 |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 24.6     | 23.5 35.3   |
| 71 34.8     | 25.6 38.4   |



#8  
2-Chlorophenol  
Concen: 45.423 ng  
RT: 6.639 min Scan# 774  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
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|              |             |
|--------------|-------------|
| Tgt Ion: 128 | Resp: 16957 |
| Ion Ratio    | Lower Upper |
| 128 100      |             |
| 130 32.8     | 10.5 50.5   |
| 64 50.7      | 20.3 60.3   |

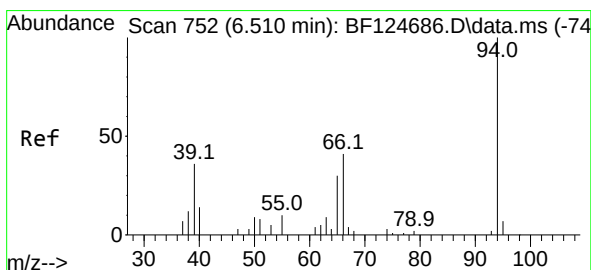
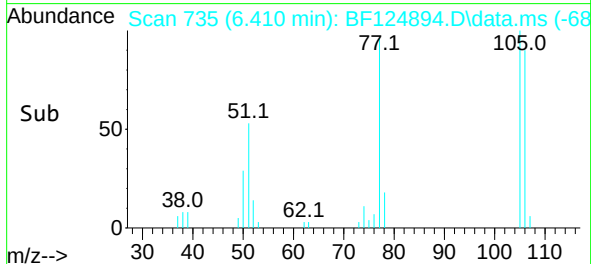
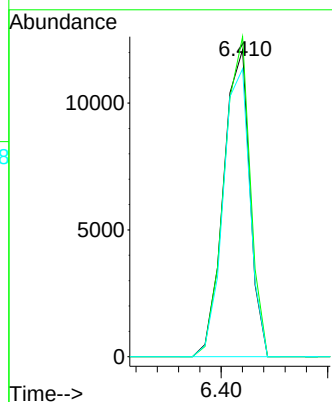
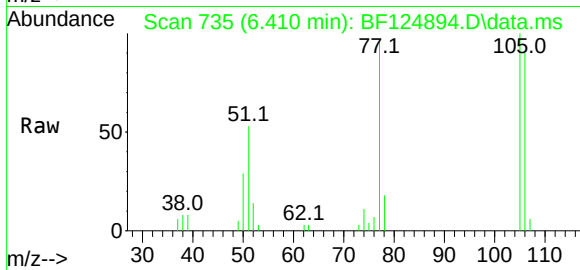




#9  
Benzaldehyde  
Concen: 46.352 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

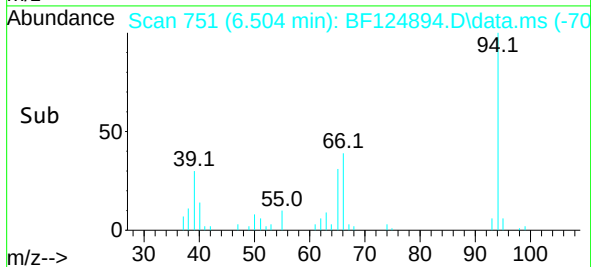
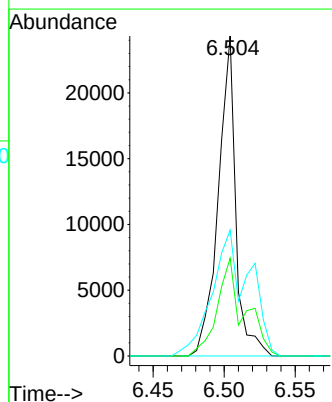
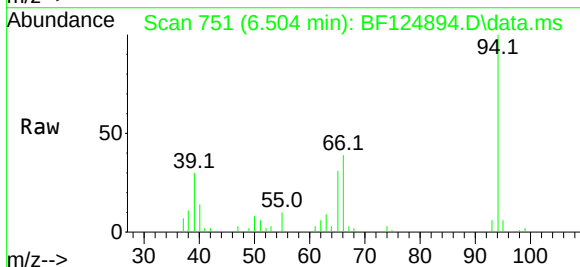
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 10355 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 104.3 | 75.9  | 115.9 |
| 106      | 93.8  | 84.0  | 124.0 |

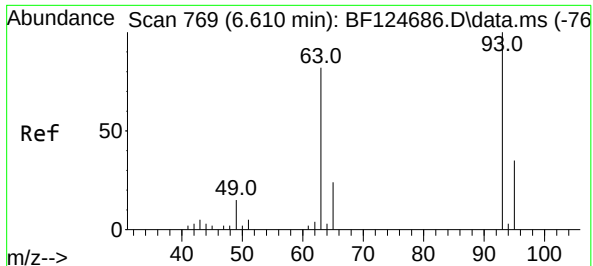


#10  
Phenol  
Concen: 52.412 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 20826 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 30.6  | 9.3   | 49.3  |
| 66       | 39.4  | 20.3  | 60.3  |



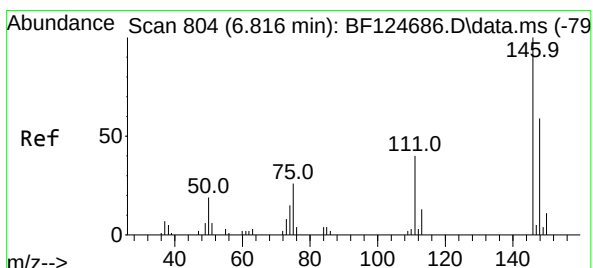
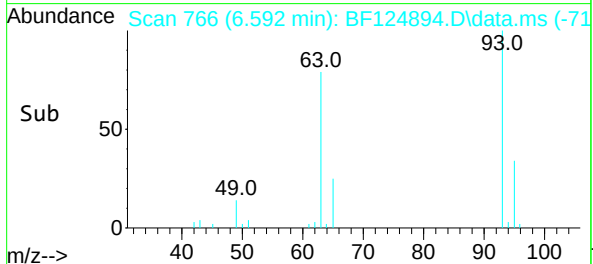
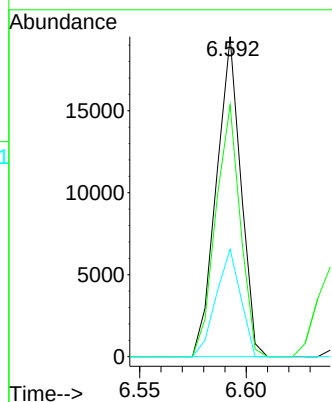
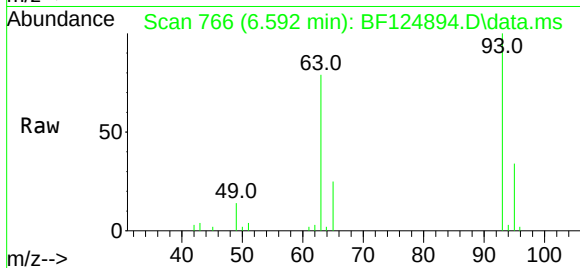




#11  
bis(2-Chloroethyl)ether  
Concen: 49.316 ng  
RT: 6.592 min Scan# 766  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

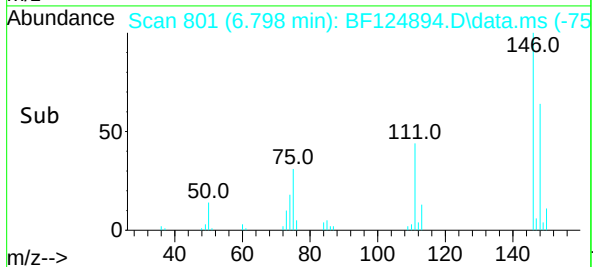
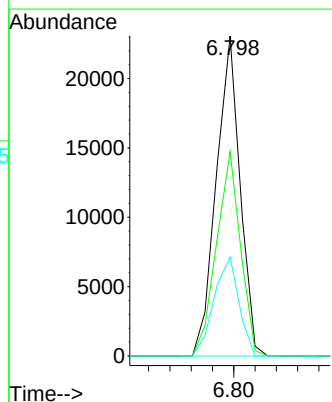
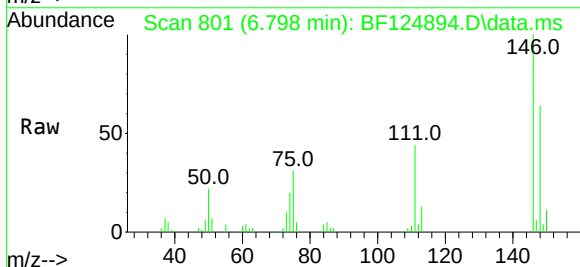
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

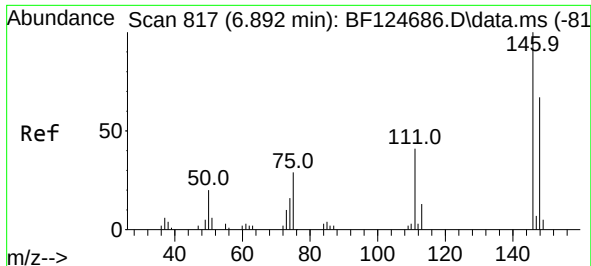
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 15537 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 78.7     | 54.4 94.4   |
| 95 33.6     | 11.4 51.4   |



#12  
1,3-Dichlorobenzene  
Concen: 44.063 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

|              |             |
|--------------|-------------|
| Tgt Ion: 146 | Resp: 17878 |
| Ion Ratio    | Lower Upper |
| 146 100      |             |
| 148 63.8     | 49.7 74.5   |
| 75 30.9      | 25.2 37.8   |

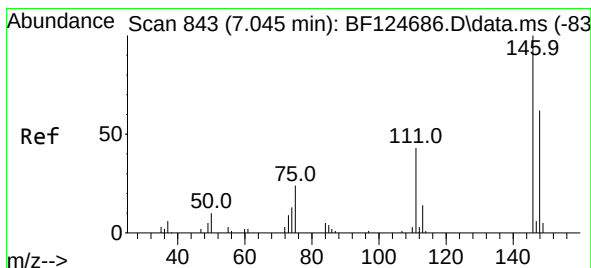
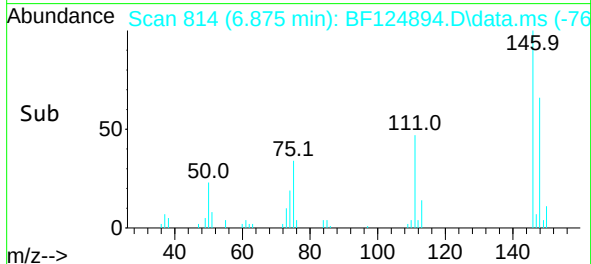
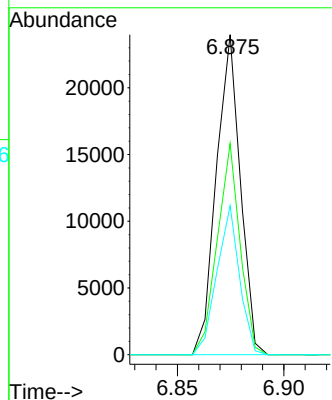
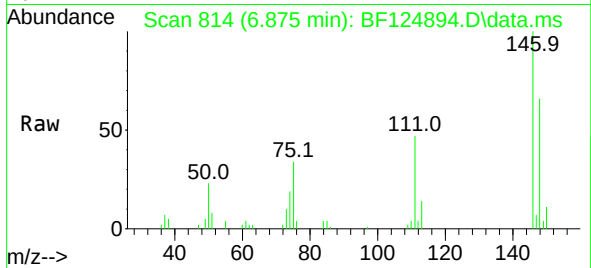




#13  
1,4-Dichlorobenzene  
Concen: 46.203 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

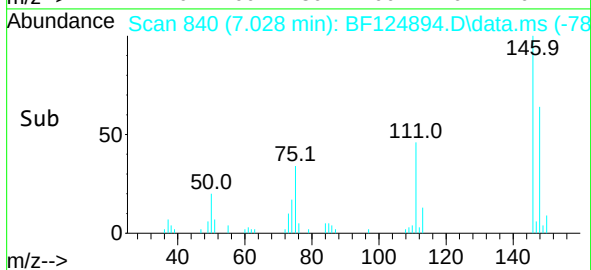
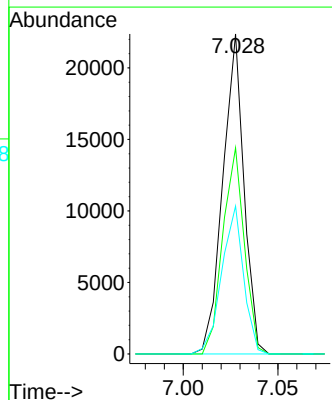
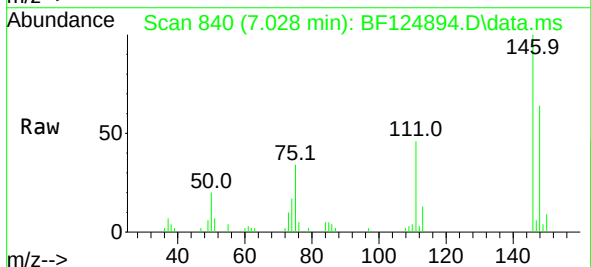
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

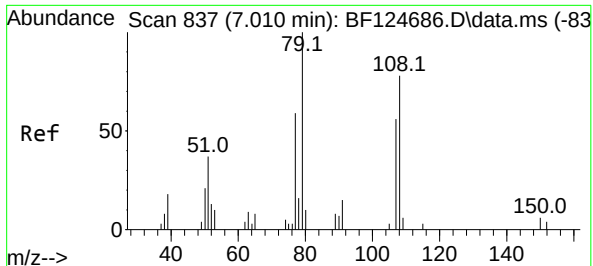
Tgt Ion:146 Resp: 18754  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.9 77.9  
111 46.5 31.8 47.6



#14  
1,2-Dichlorobenzene  
Concen: 44.328 ng  
RT: 7.028 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:146 Resp: 17385  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.6 75.8  
111 46.2 33.5 50.3





#15

Benzyl Alcohol

Concen: 51.268 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

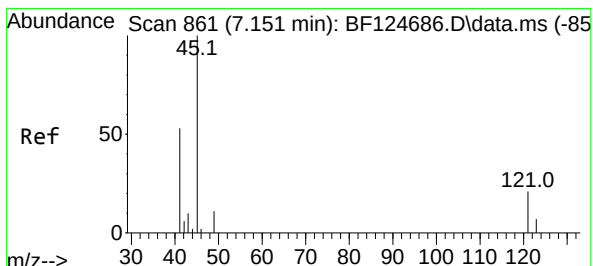
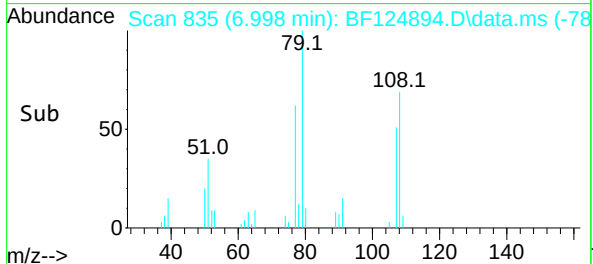
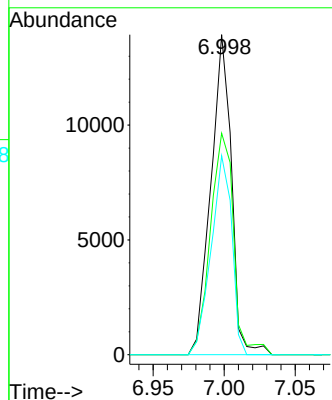
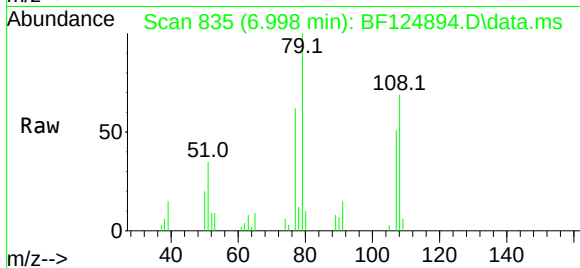
Tgt Ion: 79 Resp: 13989

Ion Ratio Lower Upper

79 100

108 69.2 60.4 90.6

77 62.1 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.834 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.000 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

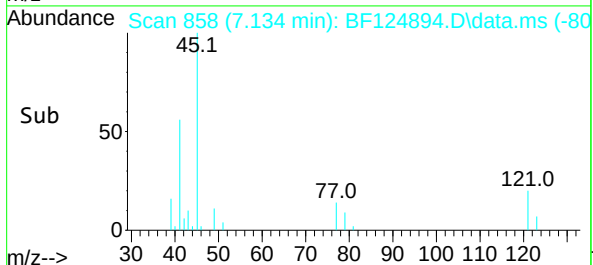
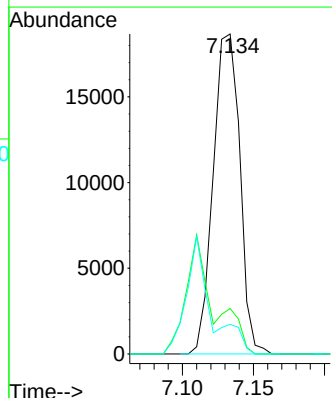
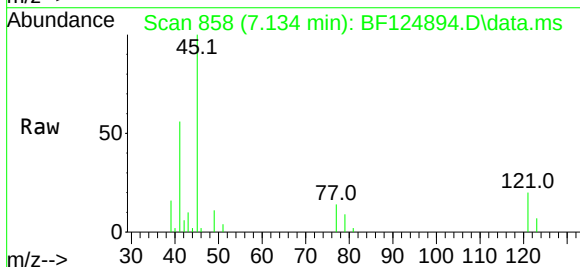
Tgt Ion: 45 Resp: 24304

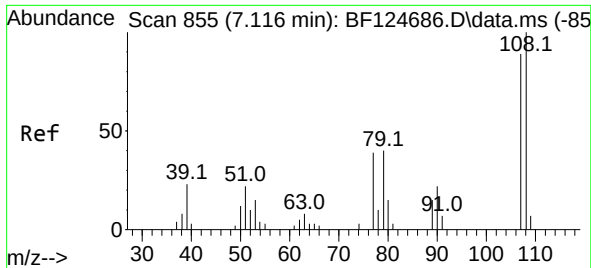
Ion Ratio Lower Upper

45 100

77 14.2 0.0 30.6

79 9.3 0.0 27.5

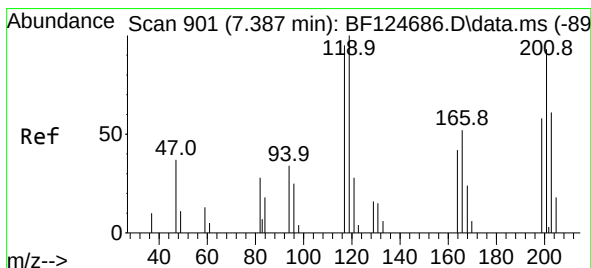
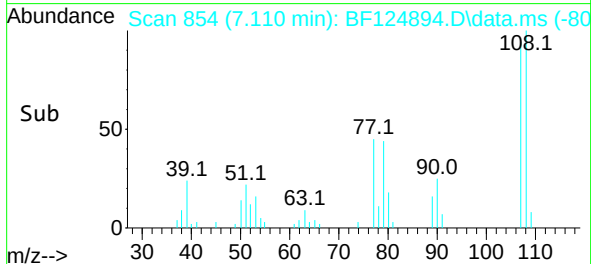
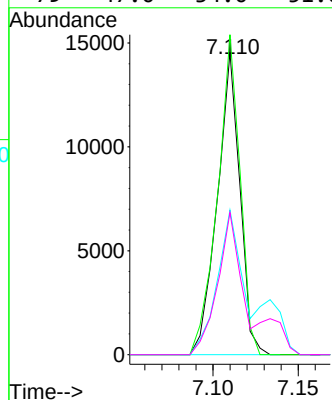
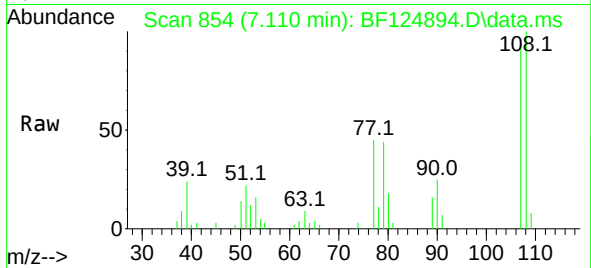




#17  
2-Methylphenol  
Concen: 49.103 ng  
RT: 7.110 min Scan# 854  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

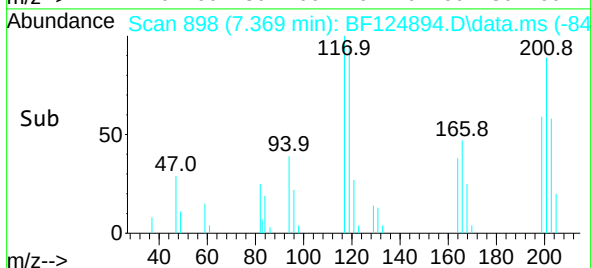
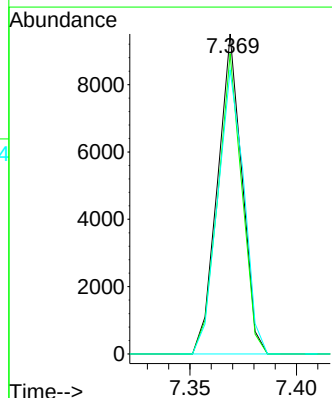
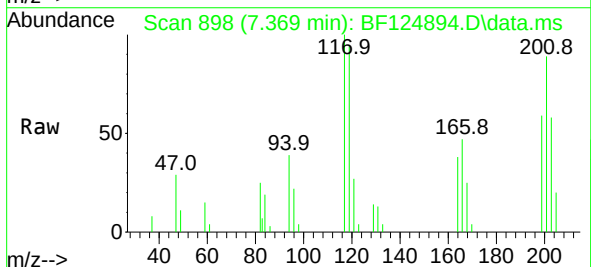
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

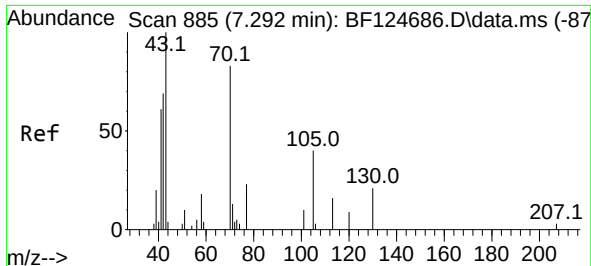
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 13354 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.9 | 90.6  | 135.8 |
| 77       | 47.9  | 35.7  | 53.5  |
| 79       | 47.0  | 34.0  | 51.0  |



#18  
Hexachloroethane  
Concen: 49.275 ng  
RT: 7.369 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 7581  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.8  | 73.4  | 110.2 |
| 201      | 88.8  | 64.9  | 97.3  |

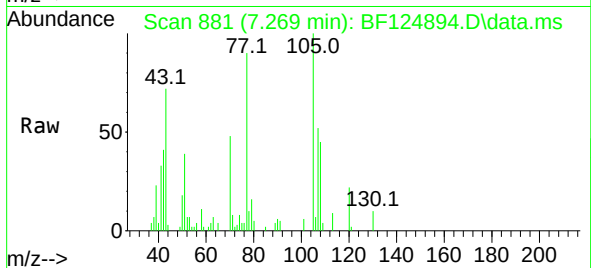




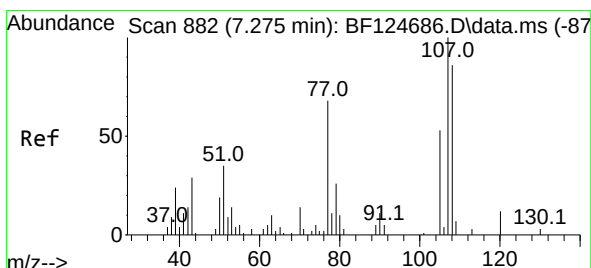
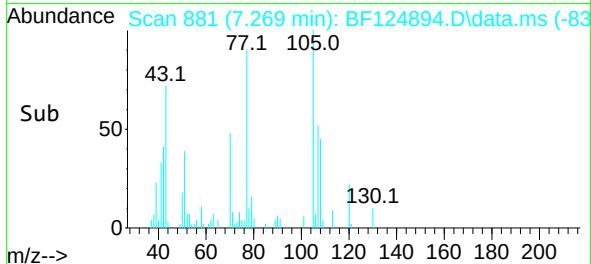
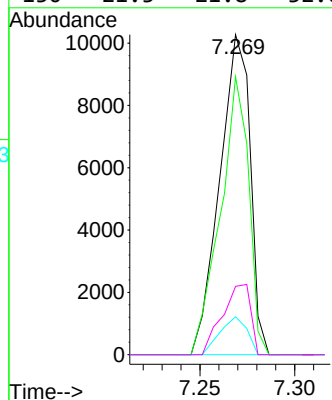
#19

n-Nitroso-di-n-propylamine  
Concen: 51.880 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS



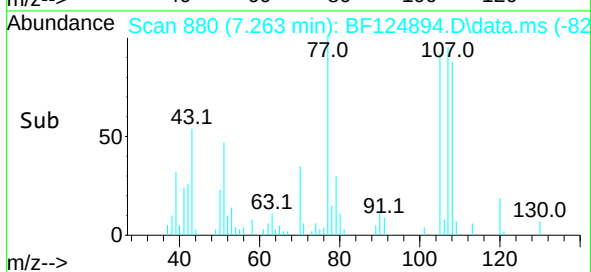
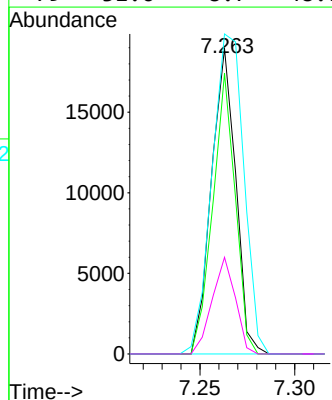
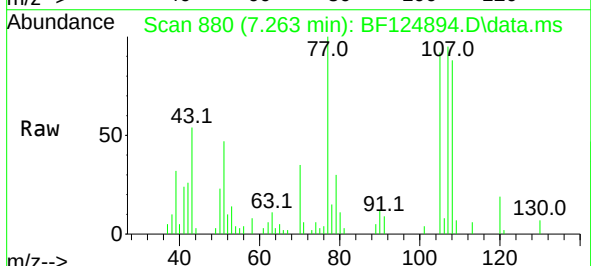
|             |                 |
|-------------|-----------------|
| Tgt Ion: 70 | Resp: 11495     |
| Ion Ratio   | Lower Upper     |
| 70          | 100             |
| 42          | 86.9 72.2 108.2 |
| 101         | 11.9 7.8 11.8#  |
| 130         | 21.3 21.8 32.6# |

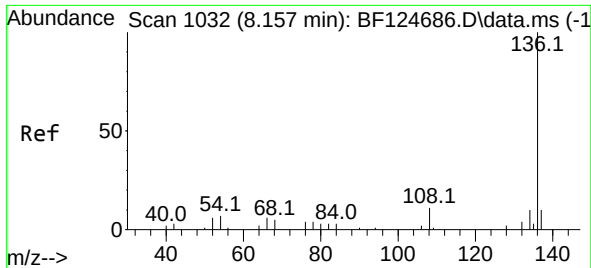


#20

3+4-Methylphenols  
Concen: 47.114 ng  
RT: 7.263 min Scan# 880  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

|              |                  |
|--------------|------------------|
| Tgt Ion: 107 | Resp: 16929      |
| Ion Ratio    | Lower Upper      |
| 107          | 100              |
| 108          | 91.9 76.6 116.6  |
| 77           | 104.7 53.3 93.3# |
| 79           | 31.6 8.7 48.7    |

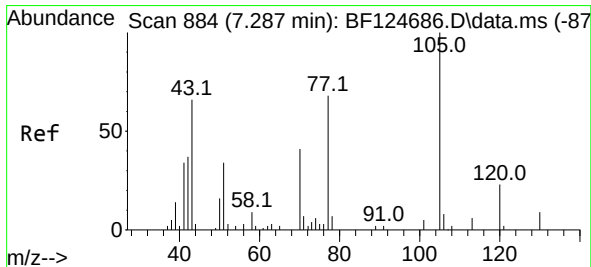
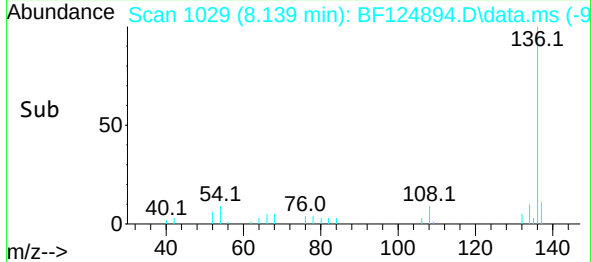
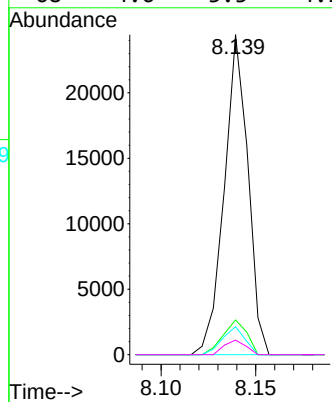
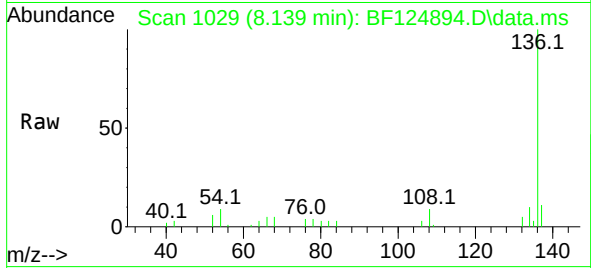




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

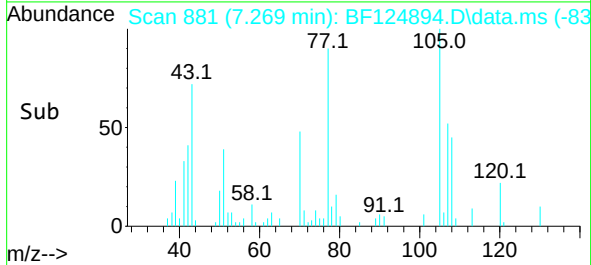
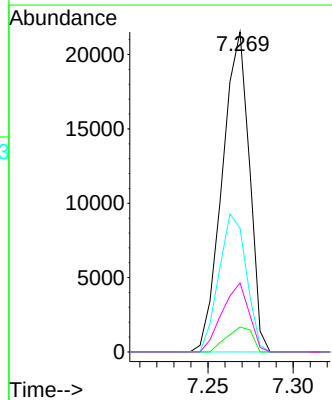
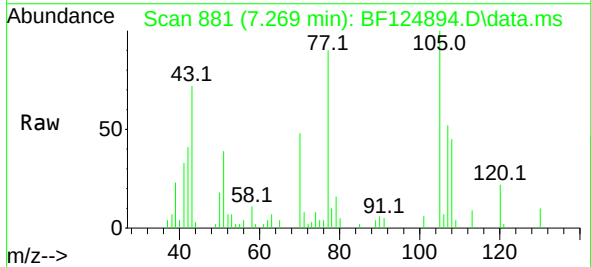
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

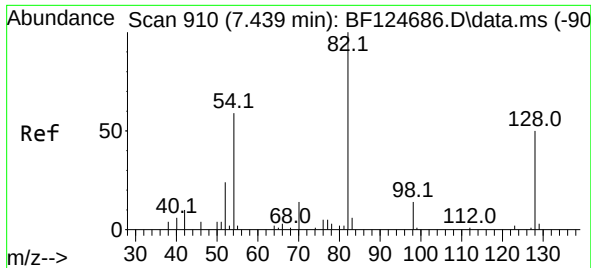
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 21262    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 9.8 14.6 |
| 54          | 8.8   | 6.4 9.6  |
| 68          | 4.6   | 3.3 4.9  |



#22  
Acetophenone  
Concen: 48.115 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 23707     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 7.8   | 5.5 8.3   |
| 51          | 38.7  | 26.0 39.0 |
| 120         | 21.5  | 18.5 27.7 |

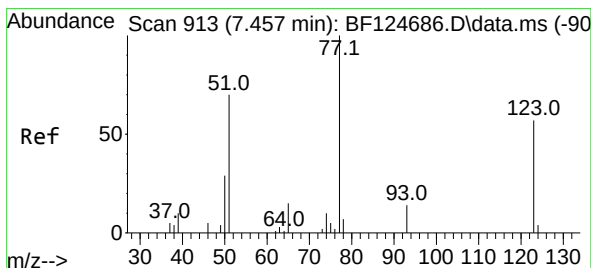
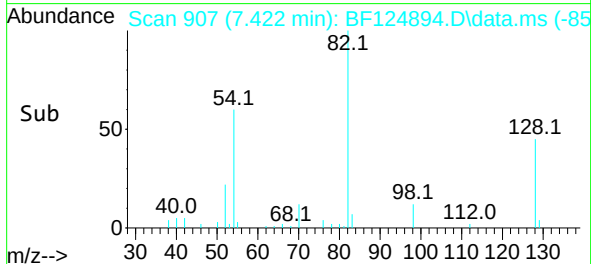
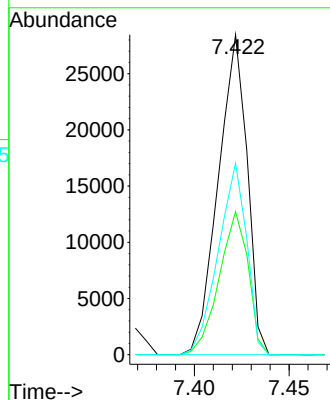
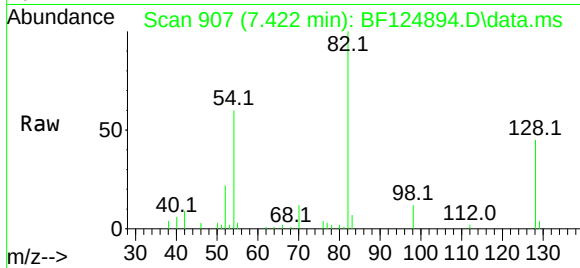




#23  
Nitrobenzene-d5  
Concen: 84.473 ng  
RT: 7.422 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

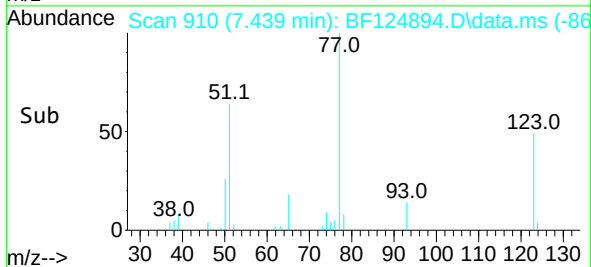
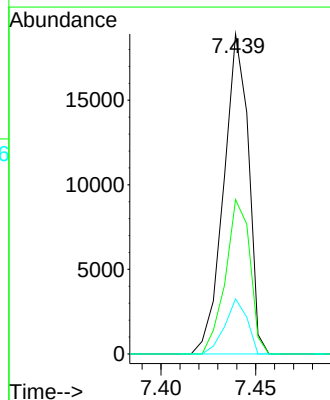
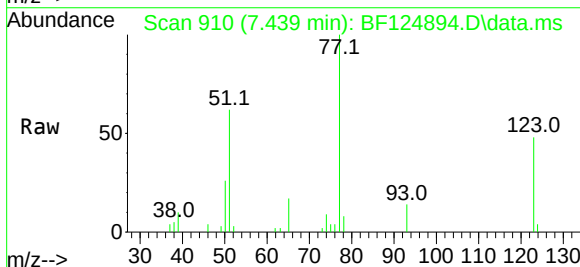
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

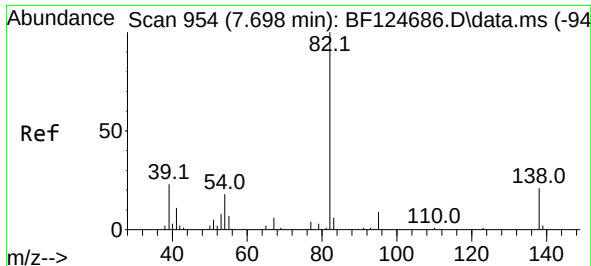
Tgt Ion: 82 Resp: 30177  
Ion Ratio Lower Upper  
82 100  
128 44.7 40.6 60.8  
54 59.9 49.6 74.4



#24  
Nitrobenzene  
Concen: 49.118 ng  
RT: 7.439 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion: 77 Resp: 17203  
Ion Ratio Lower Upper  
77 100  
123 48.3 42.3 63.5  
65 17.2 12.4 18.6

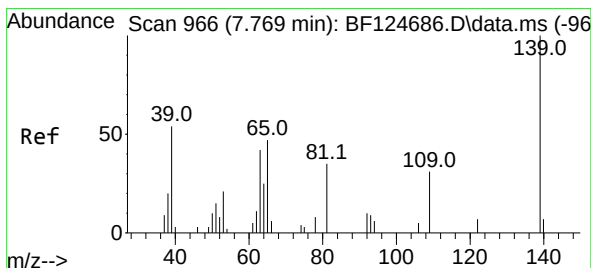
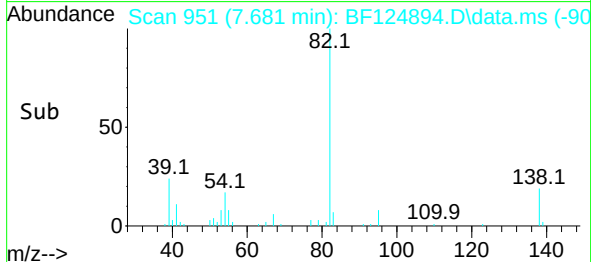
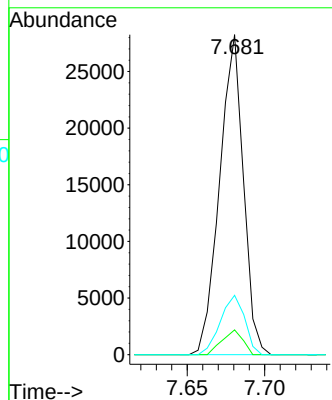
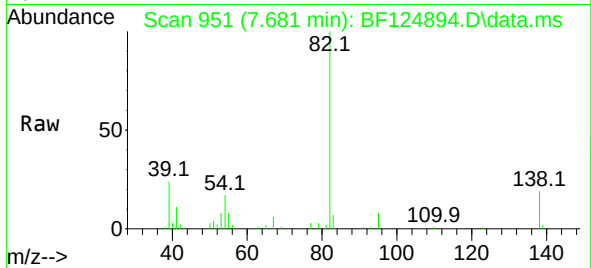




#25  
Isophorone  
Concen: 47.662 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

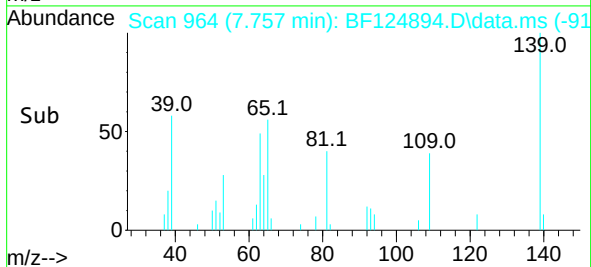
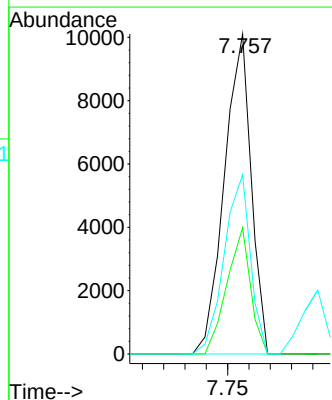
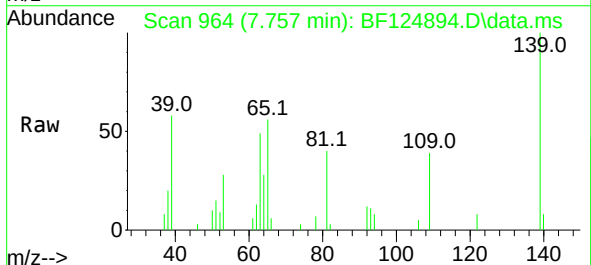
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

Tgt Ion: 82 Resp: 30107  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.5 9.7  
138 18.5 18.4 27.6

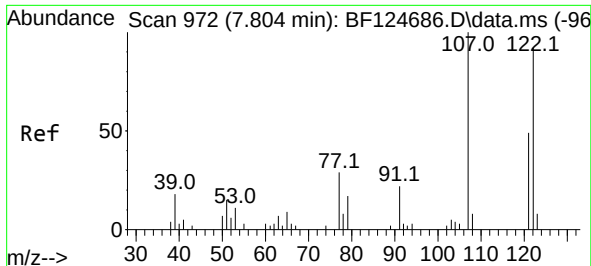


#26  
2-Nitrophenol  
Concen: 45.545 ng  
RT: 7.757 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion: 139 Resp: 8835  
Ion Ratio Lower Upper  
139 100  
109 39.4 26.0 39.0#  
65 56.0 31.0 46.4#







#27

2,4-Dimethylphenol

Concen: 47.569 ng

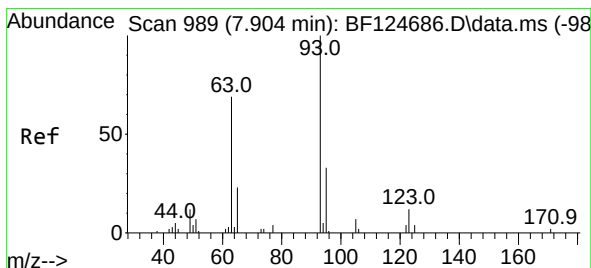
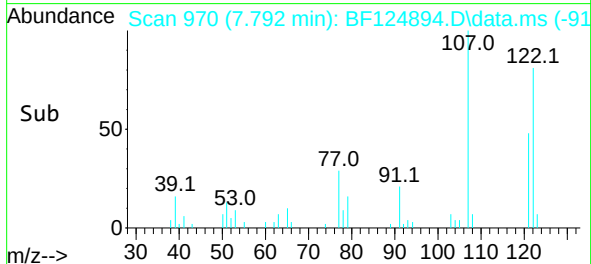
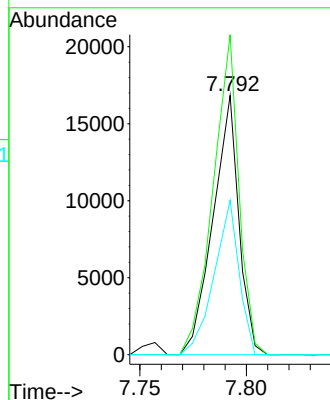
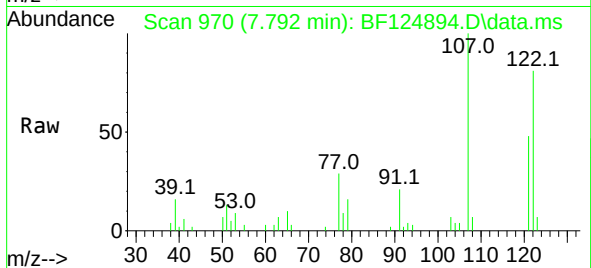
RT: 7.792 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:122 | Resp: | 14199      |
| Ion Ratio   | Lower | Upper      |
| 122         | 100   |            |
| 107         | 123.5 | 85.0 127.6 |
| 121         | 59.6  | 43.3 64.9  |



#28

bis(2-Chloroethoxy)methane

Concen: 52.256 ng

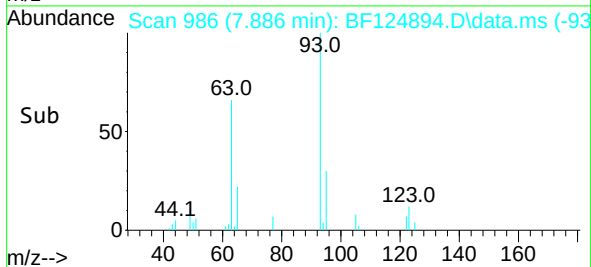
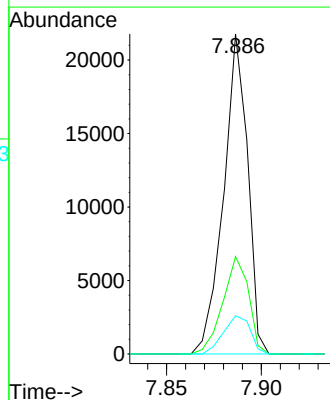
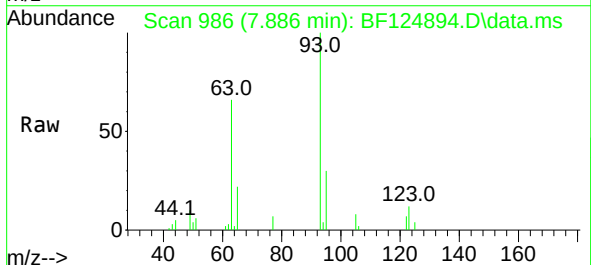
RT: 7.886 min Scan# 986

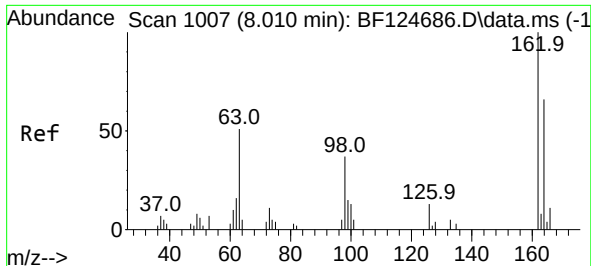
Delta R.T. -0.006 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 93 | Resp: | 19182     |
| Ion Ratio   | Lower | Upper     |
| 93          | 100   |           |
| 95          | 30.5  | 26.1 39.1 |
| 123         | 12.0  | 11.7 17.5 |

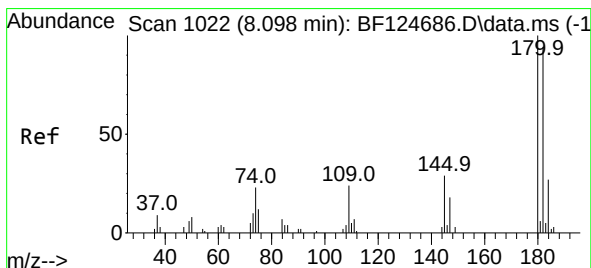
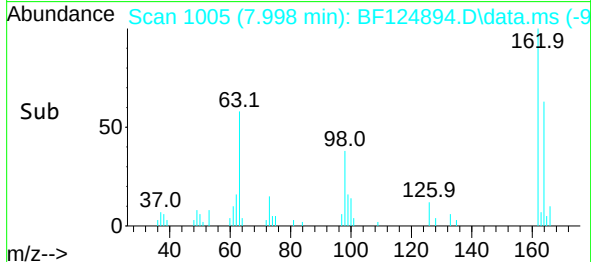
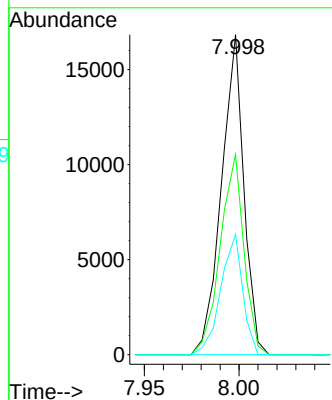
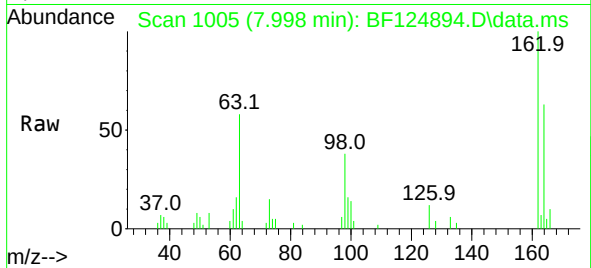




#29  
2,4-Dichlorophenol  
Concen: 43.802 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

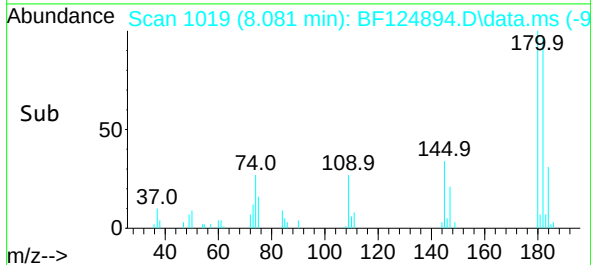
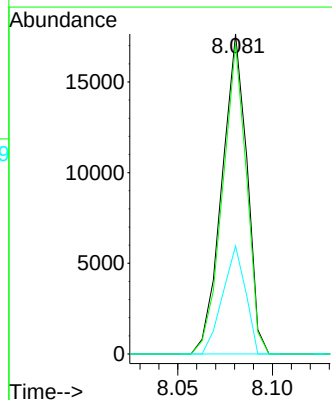
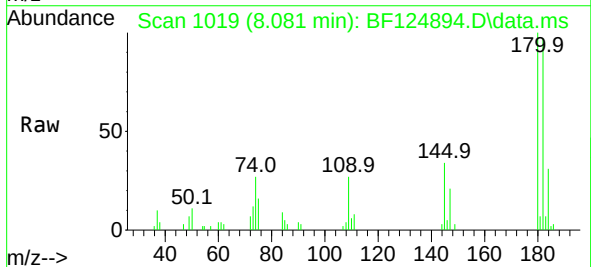
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

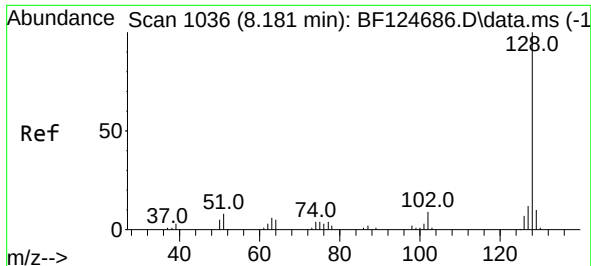
Tgt Ion:162 Resp: 13847  
Ion Ratio Lower Upper  
162 100  
164 62.7 44.5 84.5  
98 37.5 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 46.811 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:180 Resp: 16219  
Ion Ratio Lower Upper  
180 100  
182 97.0 76.8 115.2  
145 33.8 26.7 40.1

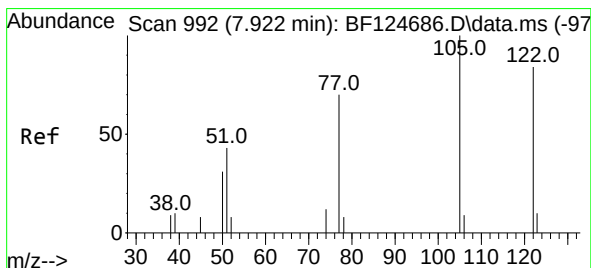
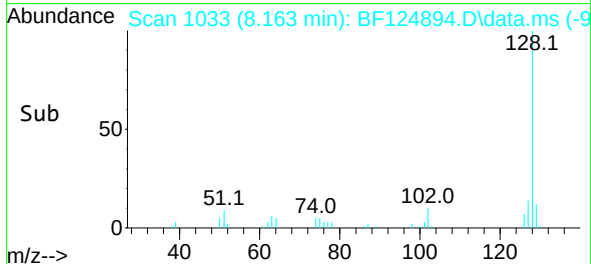
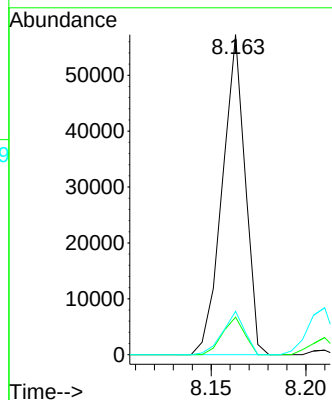
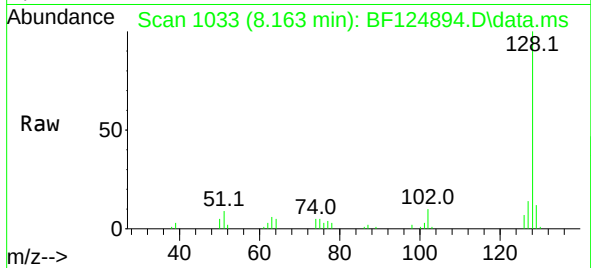




#31  
Naphthalene  
Concen: 43.404 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

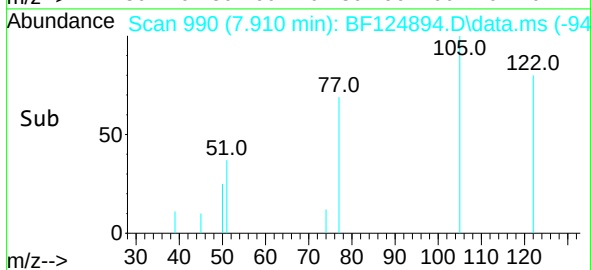
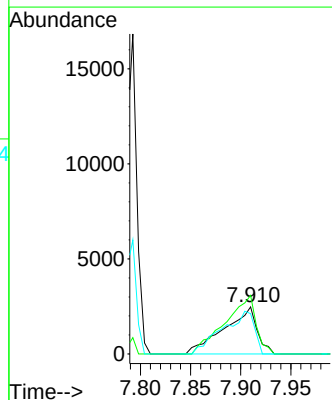
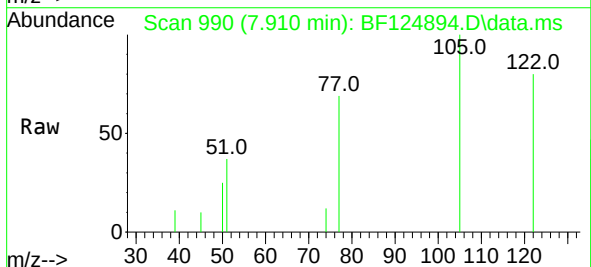
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

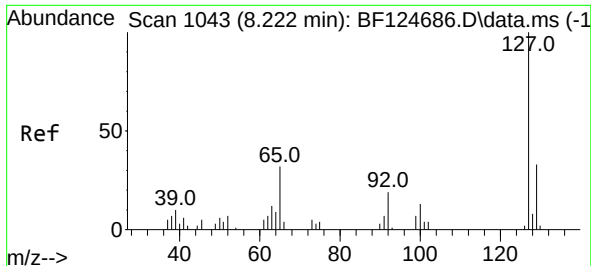
Tgt Ion:128 Resp: 48161  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.4 14.0  
127 13.5 10.9 16.3



#32  
Benzoic acid  
Concen: 24.554 ng  
RT: 7.910 min Scan# 990  
Delta R.T. -0.012 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:122 Resp: 5673  
Ion Ratio Lower Upper  
122 100  
105 124.5 97.6 137.6  
77 86.0 59.6 99.6

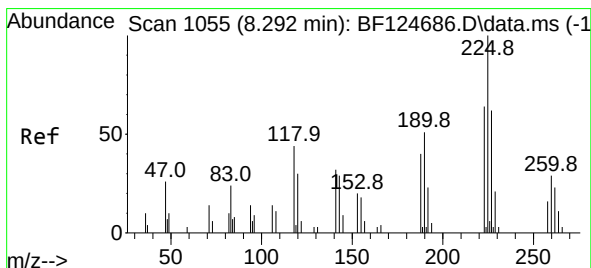
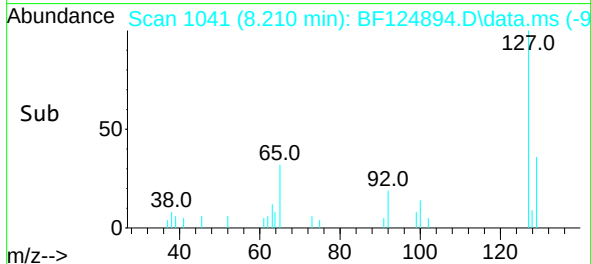
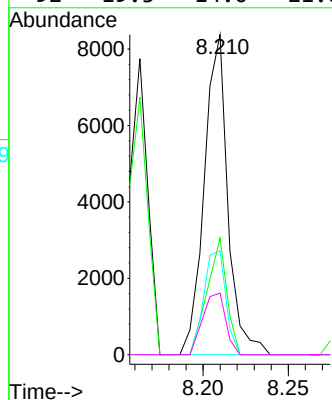
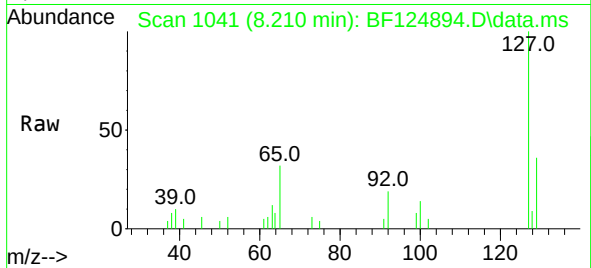




#33  
4-Chloroaniline  
Concen: 19.344 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

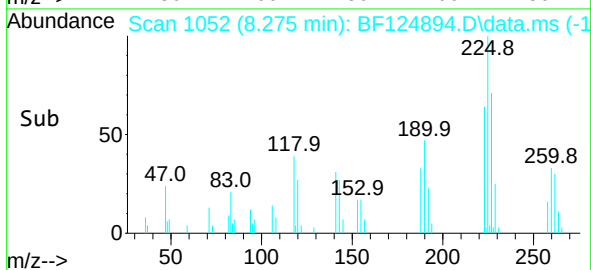
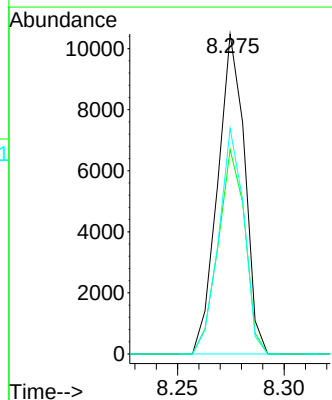
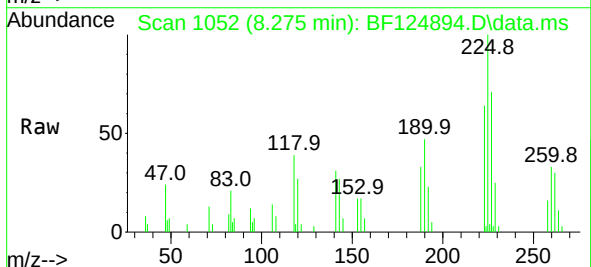
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

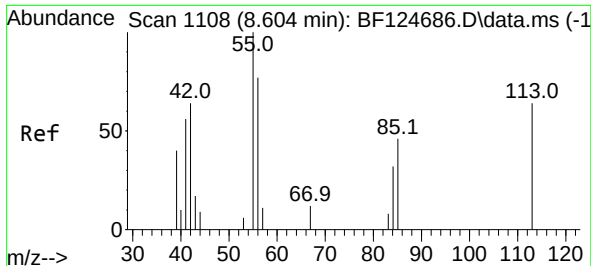
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 8071  |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 36.5  | 25.7  | 38.5  |
| 65       | 32.4  | 21.2  | 31.8# |
| 92       | 19.3  | 14.0  | 21.0  |



#34  
Hexachlorobutadiene  
Concen: 44.406 ng  
RT: 8.275 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 9197  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.9  | 50.6  | 76.0  |
| 227      | 70.5  | 50.6  | 75.8  |

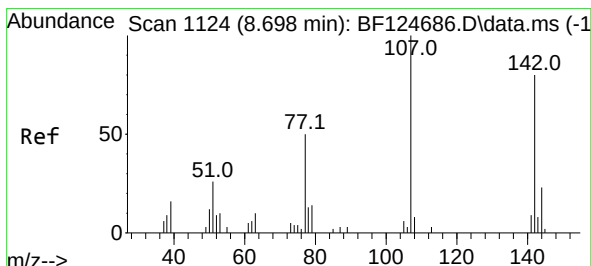
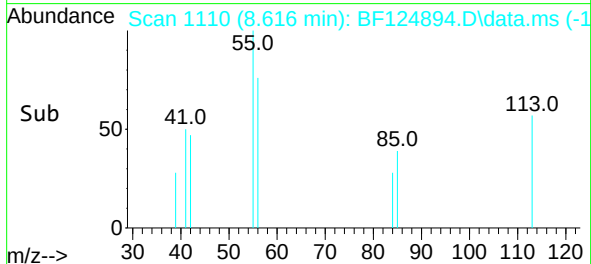
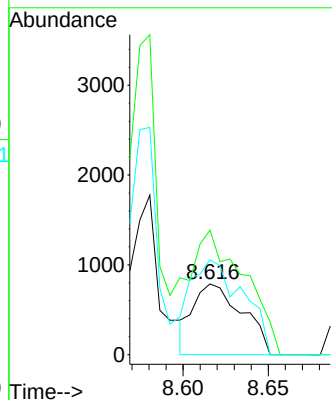
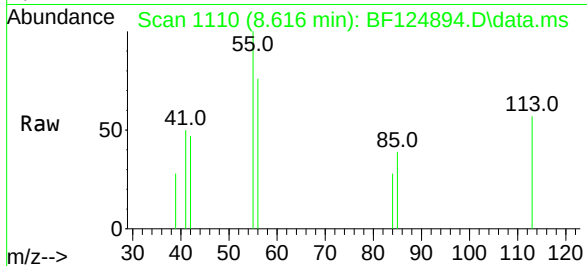




#35  
Caprolactam  
Concen: 19.193 ng  
RT: 8.616 min Scan# 1110  
Delta R.T. 0.029 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

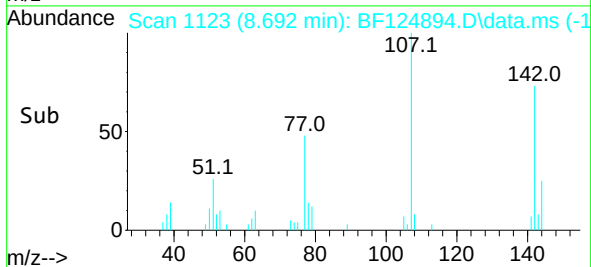
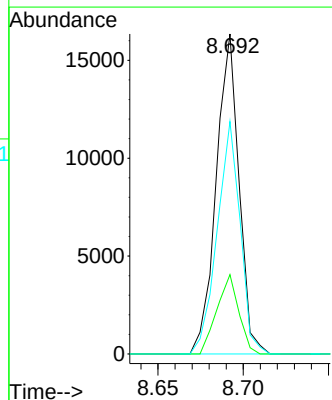
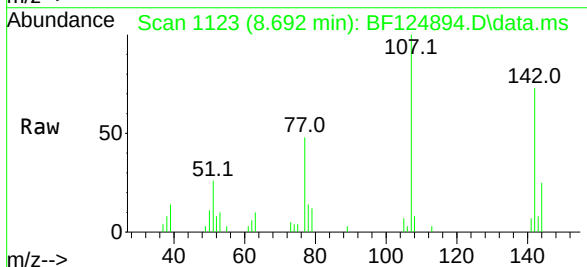
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

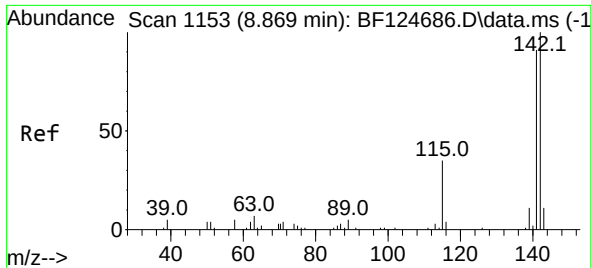
Tgt Ion:113 Resp: 1577  
Ion Ratio Lower Upper  
113 100  
55 176.4 154.1 194.1  
56 134.3 108.7 148.7



#36  
4-Chloro-3-methylphenol  
Concen: 50.456 ng  
RT: 8.692 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:107 Resp: 15214  
Ion Ratio Lower Upper  
107 100  
144 24.8 21.9 32.9  
142 72.7 67.1 100.7

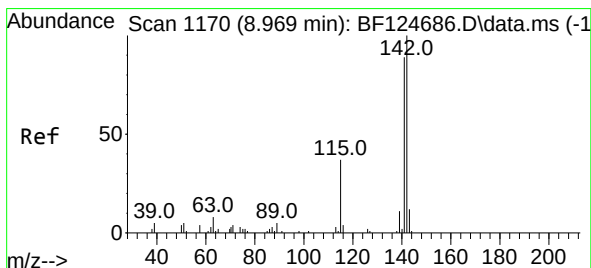
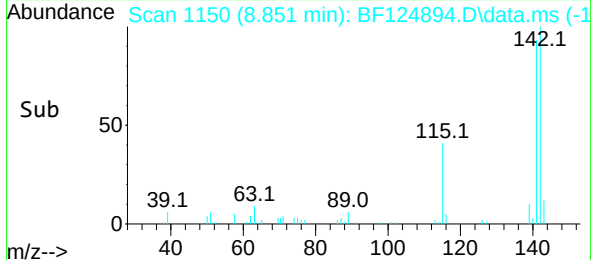
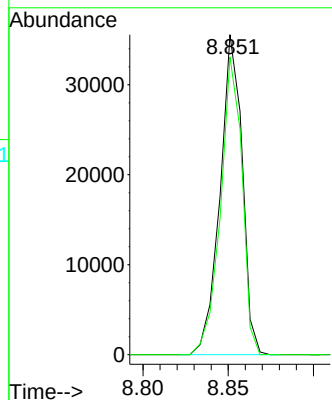
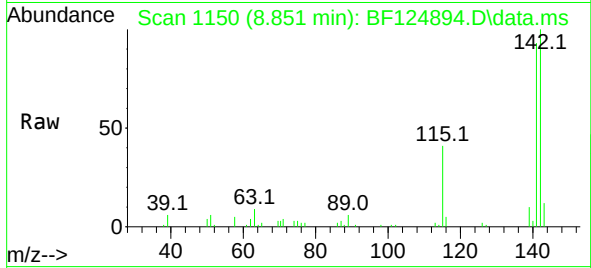




#37  
2-Methylnaphthalene  
Concen: 43.352 ng  
RT: 8.851 min Scan# 1150  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

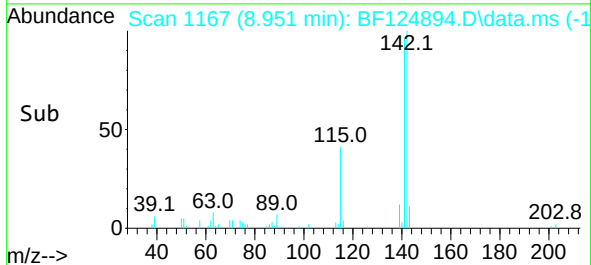
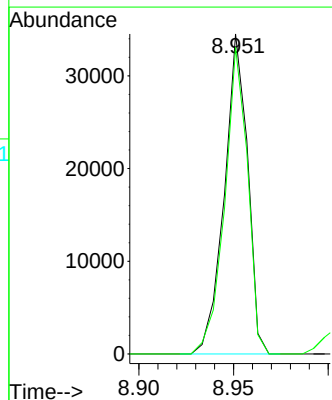
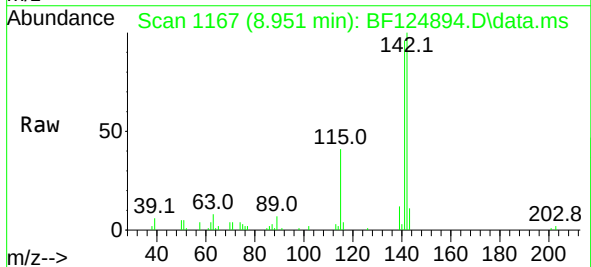
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

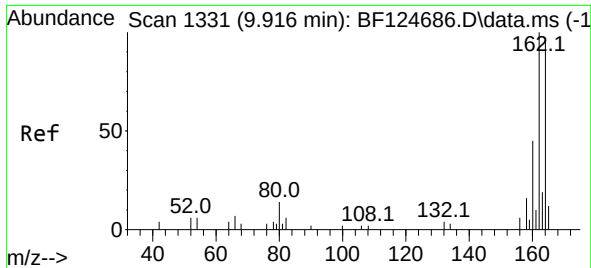
Tgt Ion:142 Resp: 32141  
Ion Ratio Lower Upper  
142 100  
141 93.1 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 42.107 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:142 Resp: 29574  
Ion Ratio Lower Upper  
142 100  
141 95.9 76.0 114.0

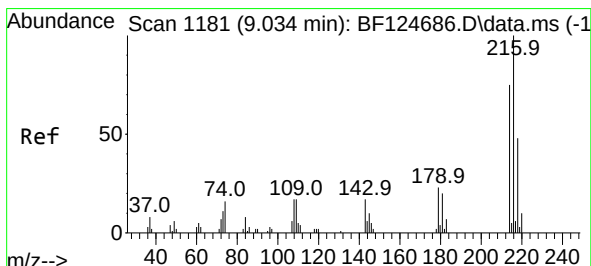
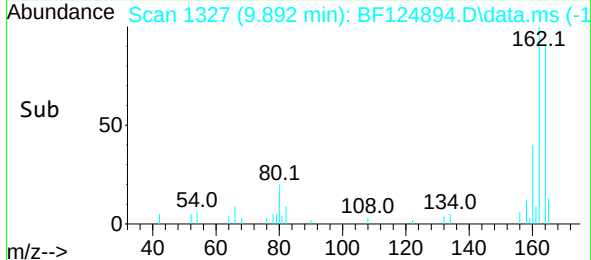
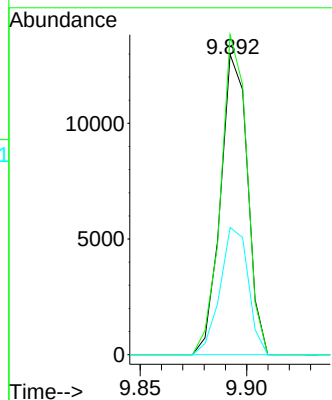
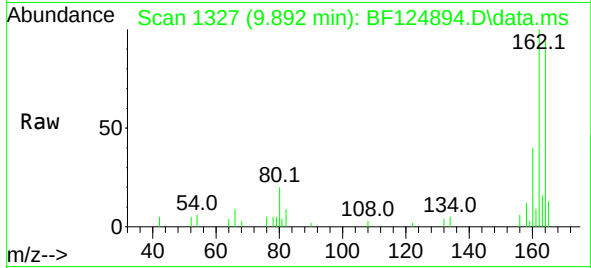




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

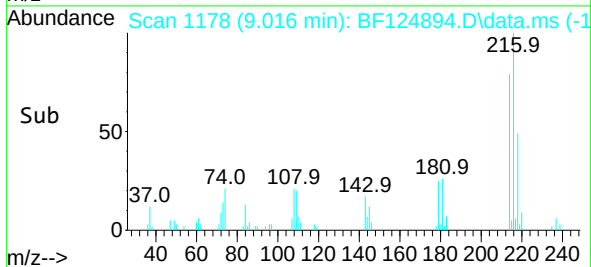
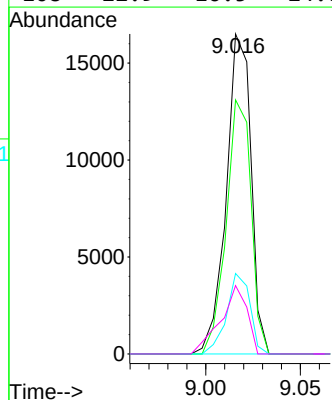
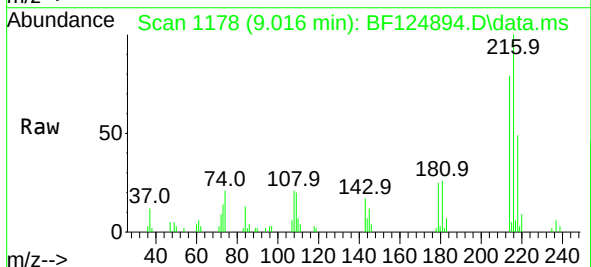
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

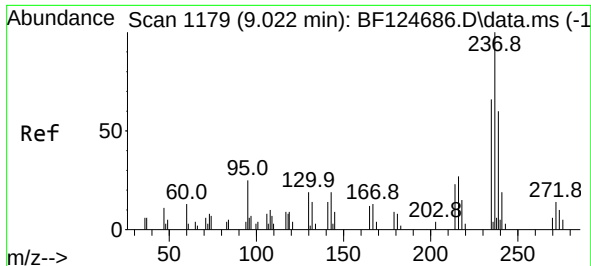
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 11437      |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 106.6 | 81.3 121.9 |
| 160         | 42.4  | 38.0 57.0  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.003 ng  
RT: 9.016 min Scan# 1178  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:216 | Resp: | 14999     |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.7  | 64.9 97.3 |
| 179         | 23.7  | 17.4 26.2 |
| 108         | 22.9  | 16.5 24.7 |

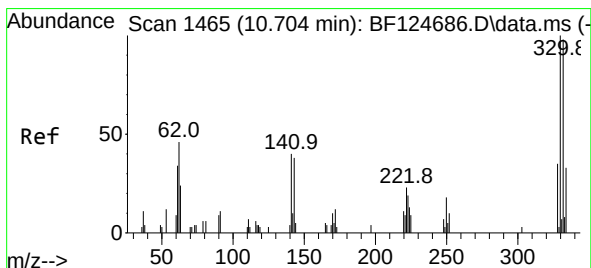
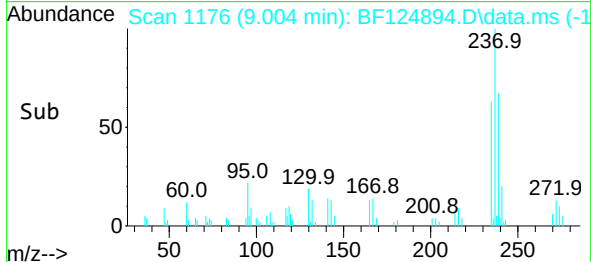
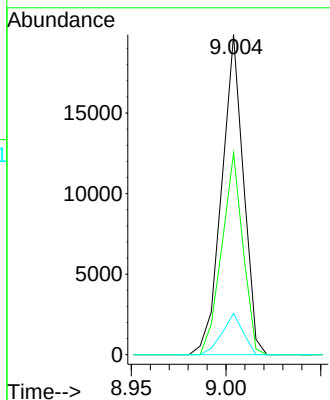
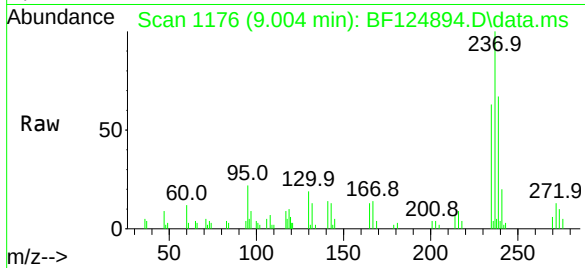




#41  
Hexachlorocyclopentadiene  
Concen: 84.027 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

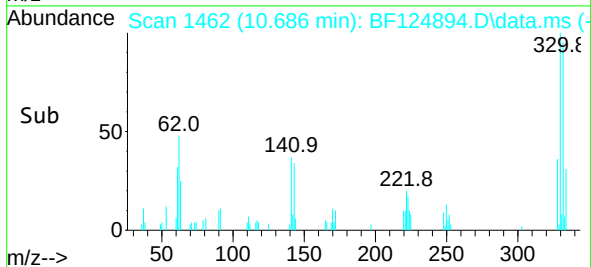
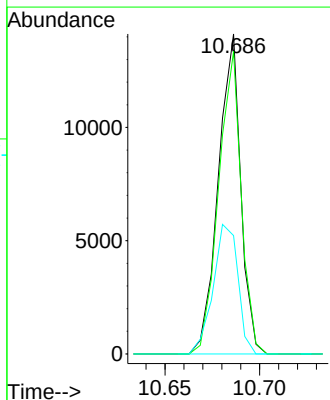
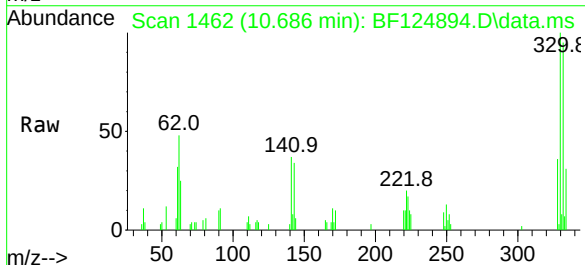
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

Tgt Ion:237 Resp: 15864  
Ion Ratio Lower Upper  
237 100  
235 63.0 44.7 84.7  
272 12.9 0.0 31.6

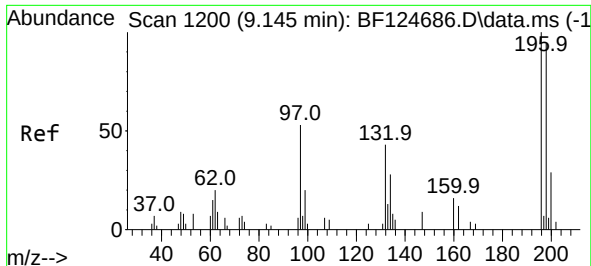


#42  
2,4,6-Tribromophenol  
Concen: 118.373 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:330 Resp: 11624  
Ion Ratio Lower Upper  
330 100  
332 95.2 76.2 114.4  
141 44.7 44.6 66.8



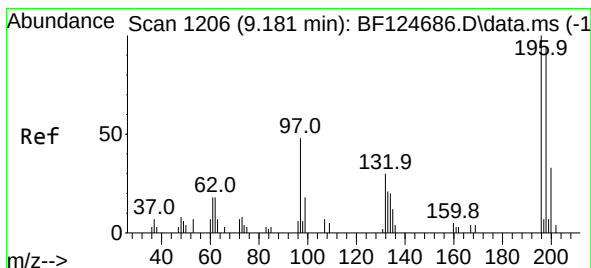
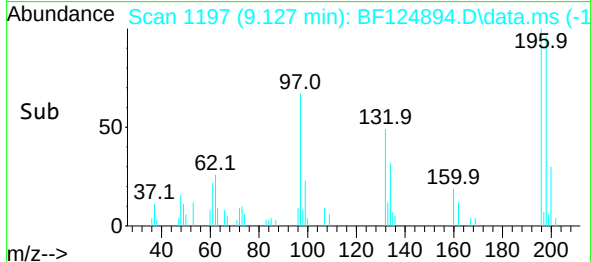
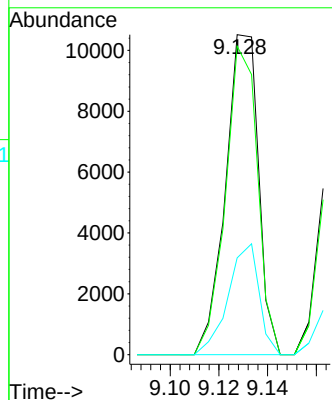
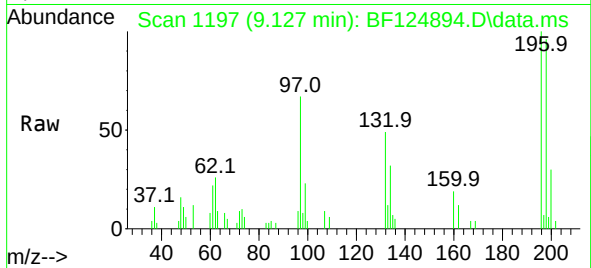




#43  
2,4,6-Trichlorophenol  
Concen: 43.870 ng  
RT: 9.127 min Scan# 1197  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

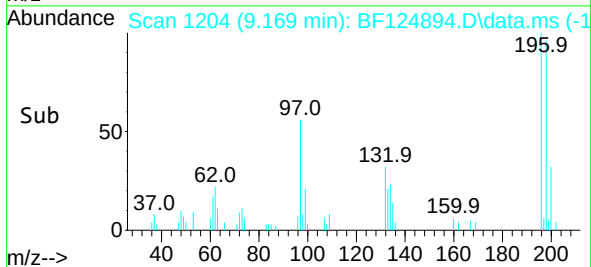
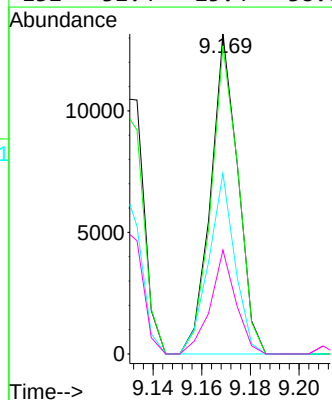
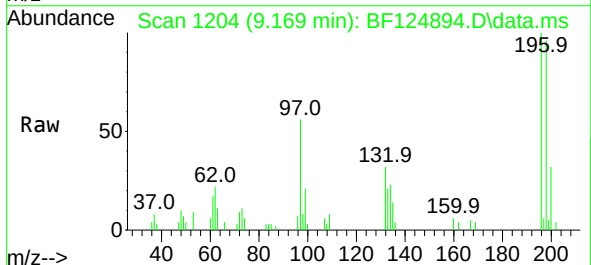
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

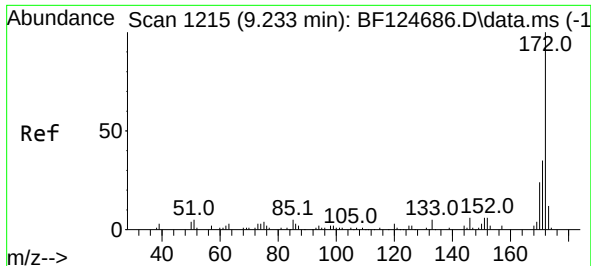
Tgt Ion:196 Resp: 9938  
Ion Ratio Lower Upper  
196 100  
198 96.4 74.9 112.3  
200 30.2 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 43.861 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:196 Resp: 10202  
Ion Ratio Lower Upper  
196 100  
198 96.4 80.2 120.2  
97 56.4 44.0 66.0  
132 32.4 25.4 38.0

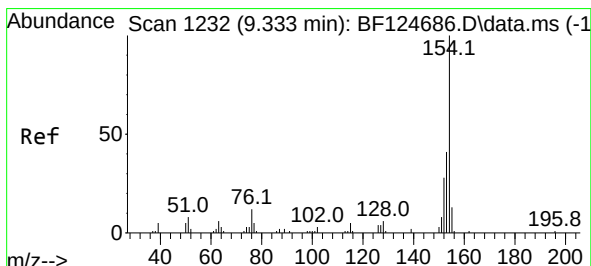
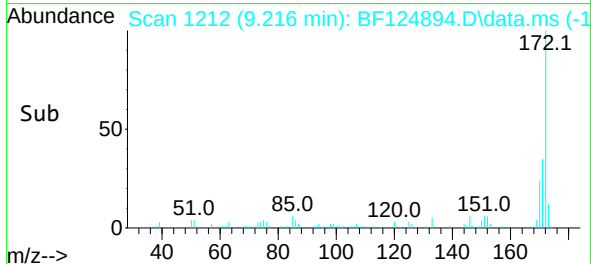
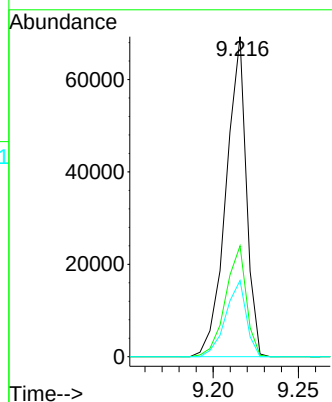
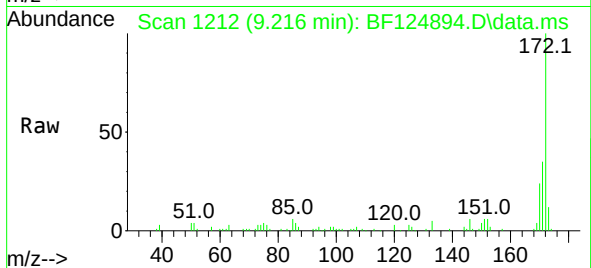




#45  
2-Fluorobiphenyl  
Concen: 73.512 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

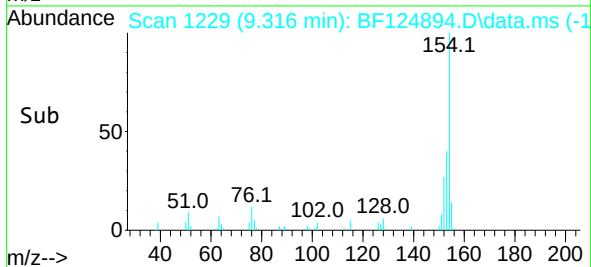
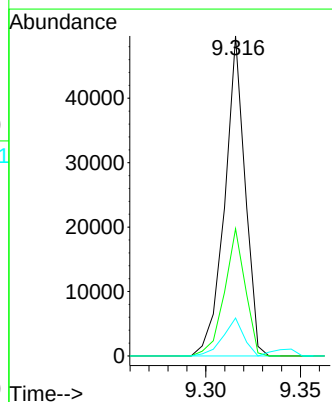
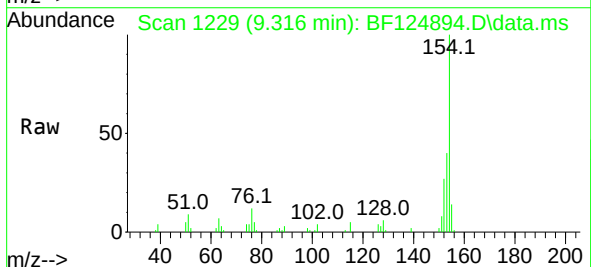
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

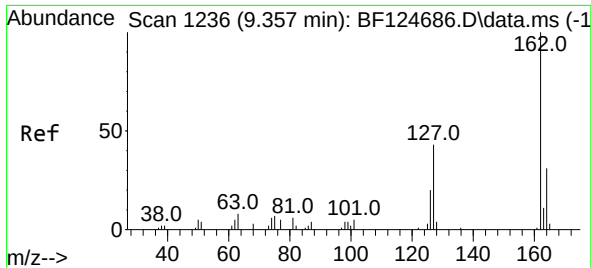
Tgt Ion:172 Resp: 57243  
Ion Ratio Lower Upper  
172 100  
171 34.7 26.5 39.7  
170 23.8 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 43.489 ng  
RT: 9.316 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:154 Resp: 37127  
Ion Ratio Lower Upper  
154 100  
153 39.7 20.0 60.0  
76 11.8 0.0 30.3

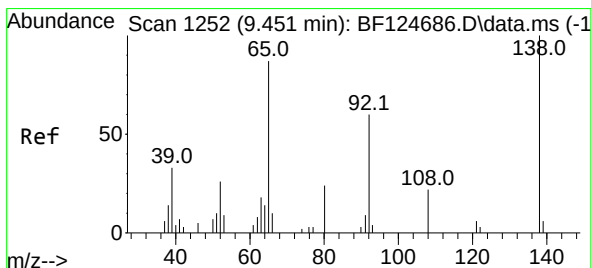
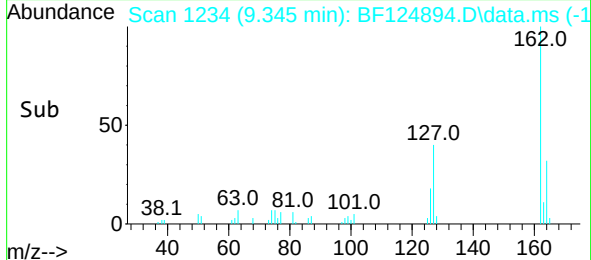
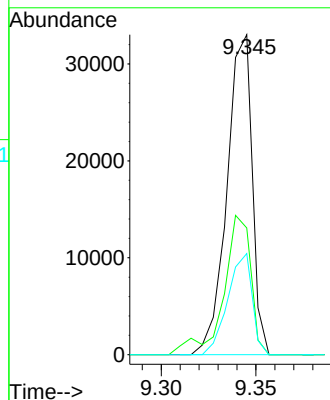
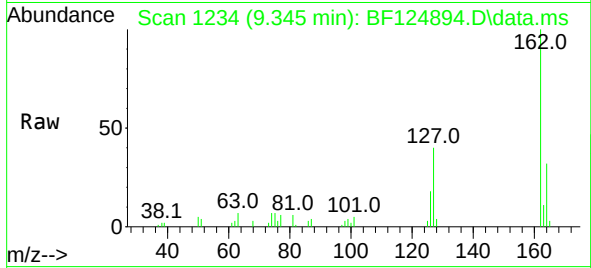




#47  
2-Chloronaphthalene  
Concen: 45.216 ng  
RT: 9.345 min Scan# 1234  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

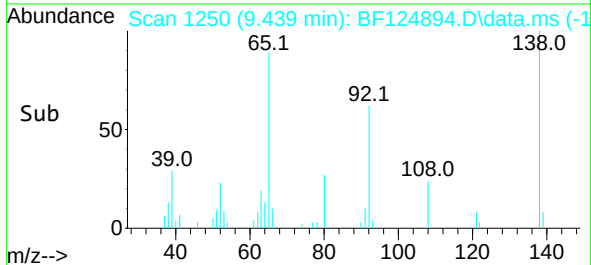
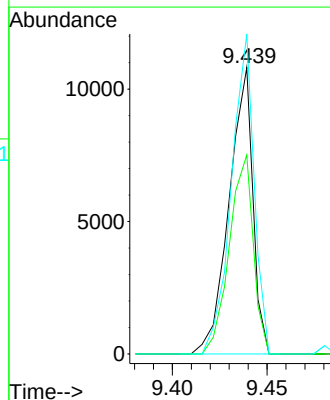
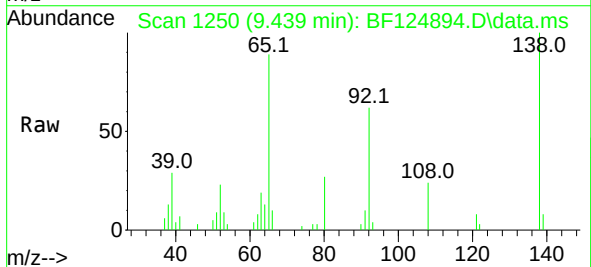
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

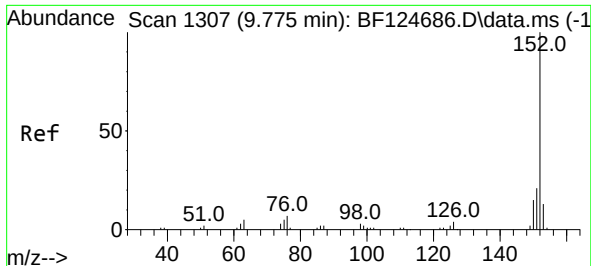
Tgt Ion:162 Resp: 30558  
Ion Ratio Lower Upper  
162 100  
127 39.6 33.0 49.4  
164 31.6 25.8 38.8



#48  
2-Nitroaniline  
Concen: 53.130 ng  
RT: 9.439 min Scan# 1250  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion: 65 Resp: 9402  
Ion Ratio Lower Upper  
65 100  
92 69.5 55.5 83.3  
138 111.7 93.5 140.3





#49

Acenaphthylene

Concen: 46.011 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

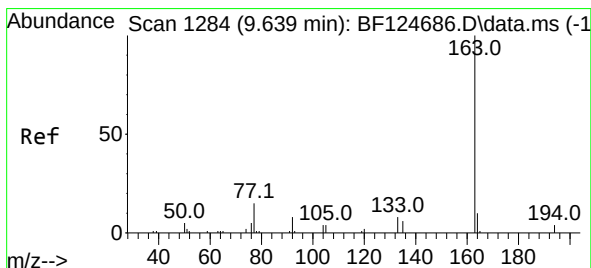
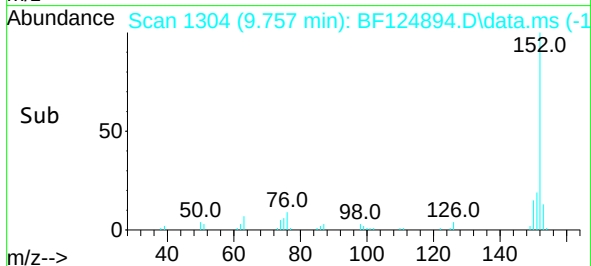
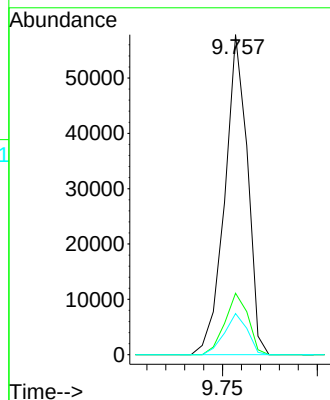
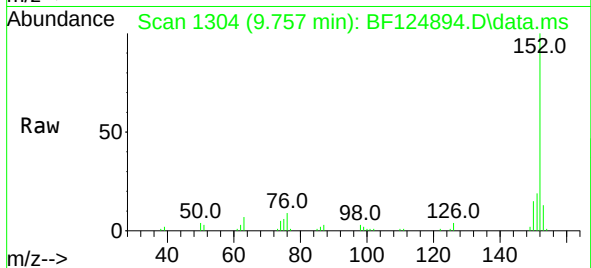
Tgt Ion:152 Resp: 47954

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

153 12.9 9.8 14.8



#50

Dimethylphthalate

Concen: 44.726 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

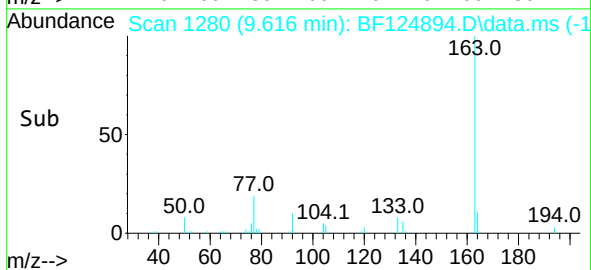
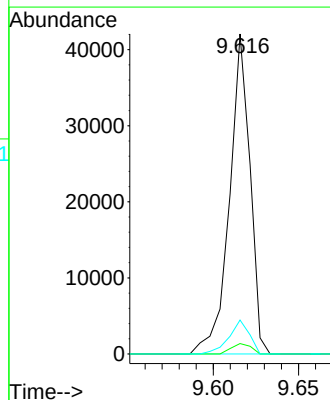
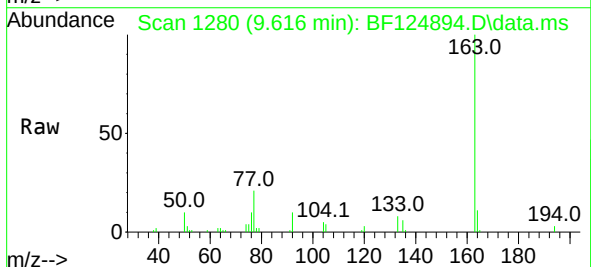
Tgt Ion:163 Resp: 35222

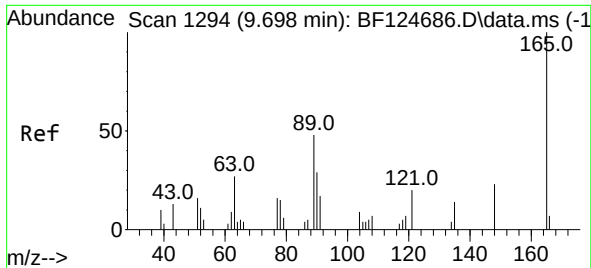
Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

164 10.6 7.4 11.0

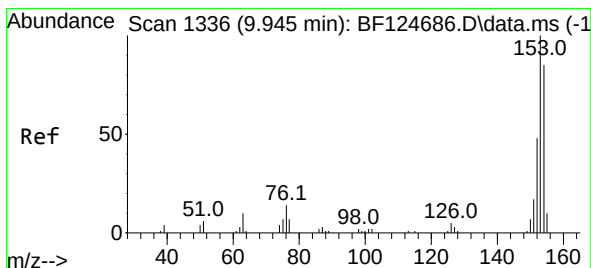
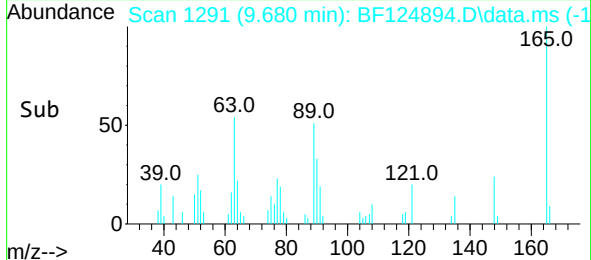
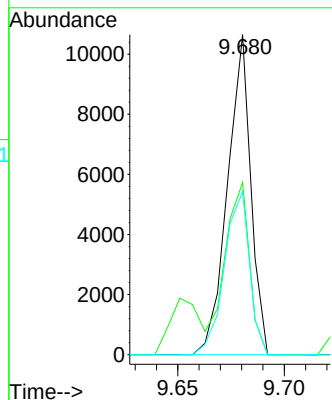
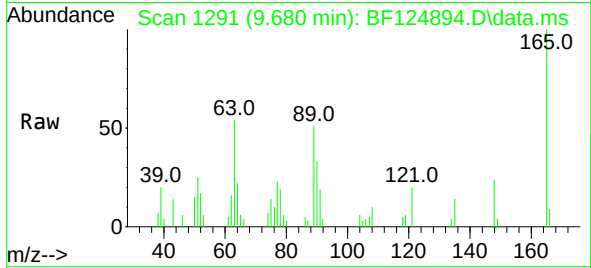




#51  
2,6-Dinitrotoluene  
Concen: 46.517 ng  
RT: 9.680 min Scan# 1291  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

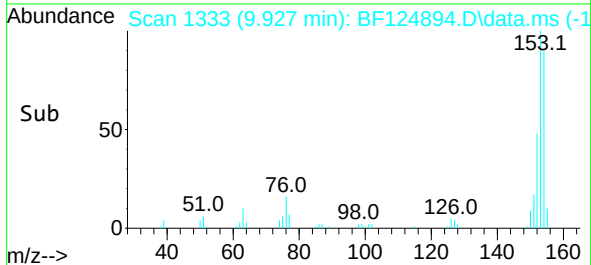
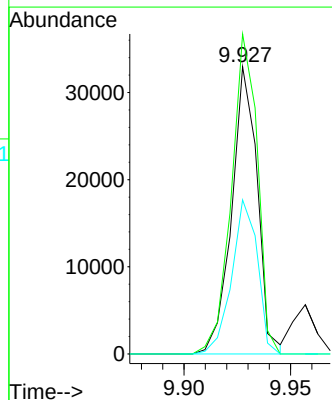
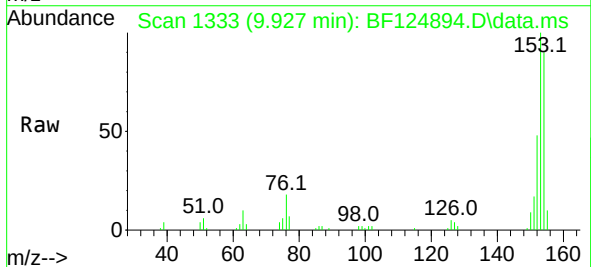
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

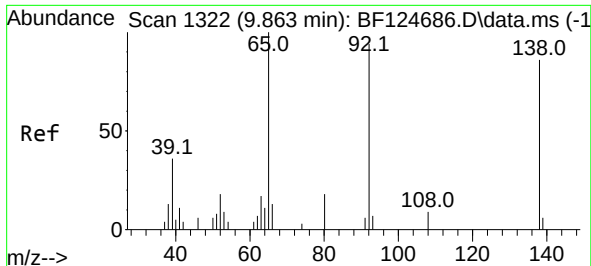
Tgt Ion:165 Resp: 8093  
Ion Ratio Lower Upper  
165 100  
63 53.8 42.6 63.8  
89 50.9 40.6 60.8



#52  
Acenaphthene  
Concen: 39.822 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:154 Resp: 27513  
Ion Ratio Lower Upper  
154 100  
153 111.4 89.4 134.2  
152 53.6 40.5 60.7

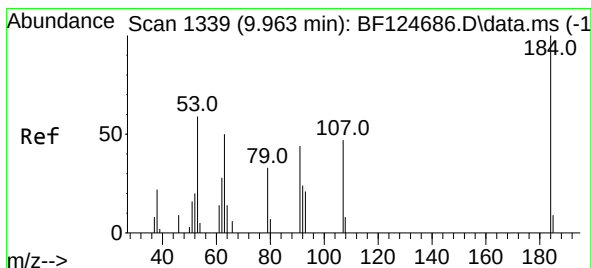
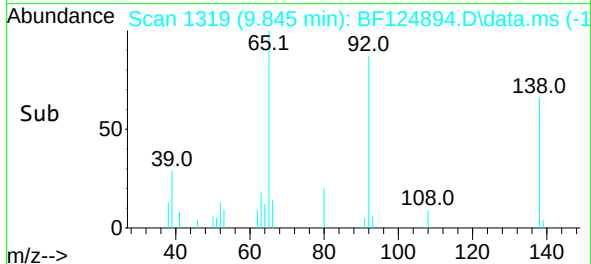
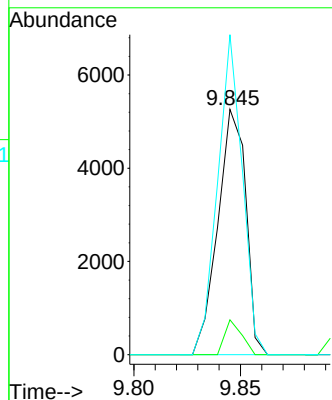
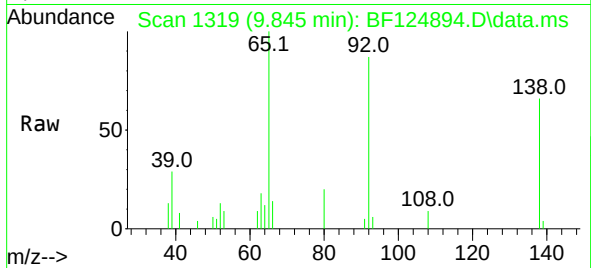




#53  
3-Nitroaniline  
Concen: 26.252 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

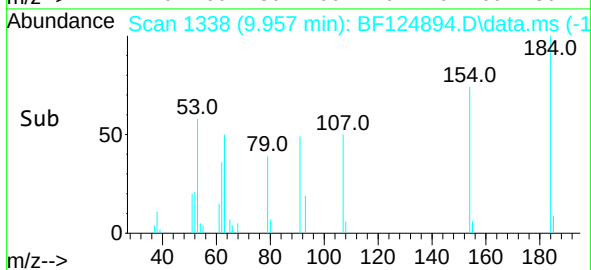
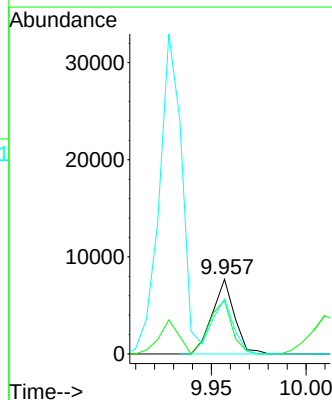
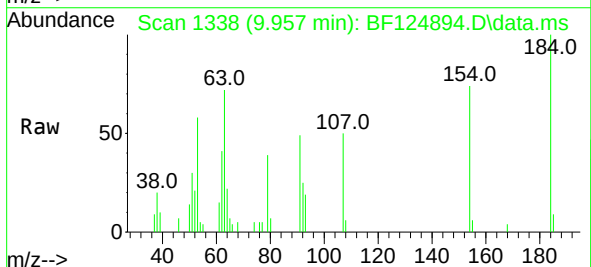
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

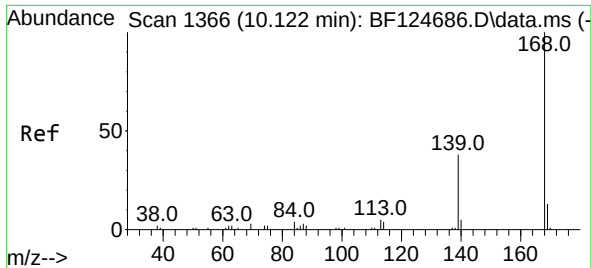
Tgt Ion:138 Resp: 4805  
Ion Ratio Lower Upper  
138 100  
108 14.3 9.3 13.9#  
92 130.5 76.5 114.7#



#54  
2,4-Dinitrophenol  
Concen: 62.453 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:184 Resp: 6283  
Ion Ratio Lower Upper  
184 100  
63 71.7 59.3 88.9  
154 73.6 68.6 102.8

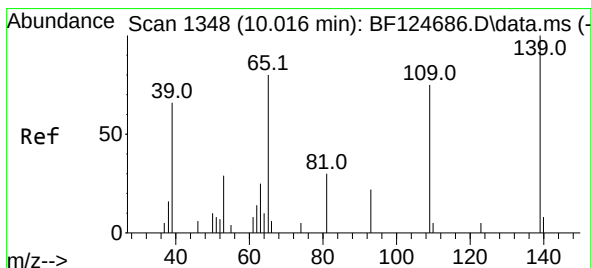
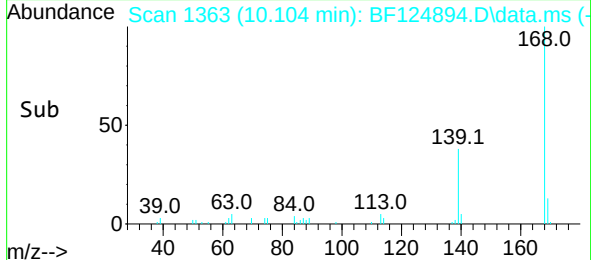
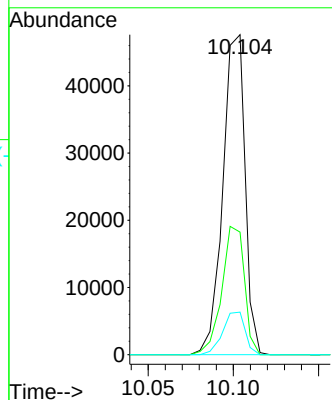
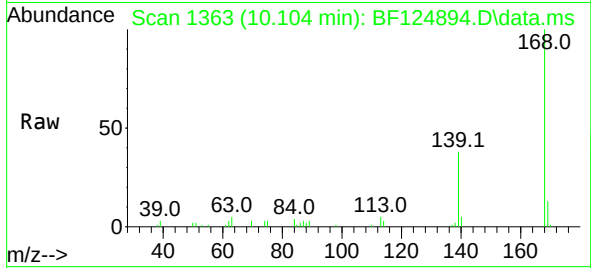




#55  
Dibenzofuran  
Concen: 43.901 ng  
RT: 10.104 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

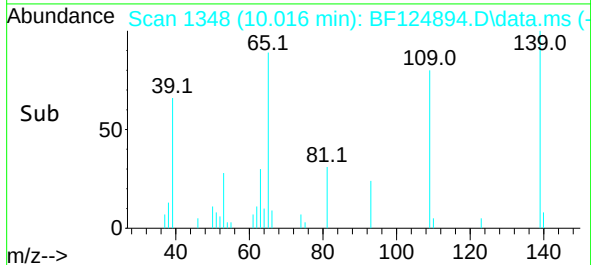
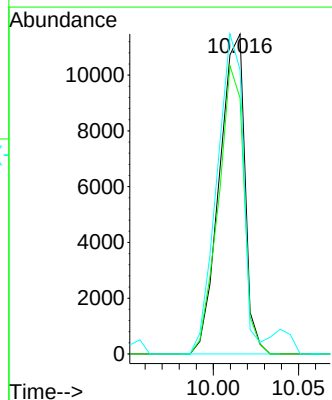
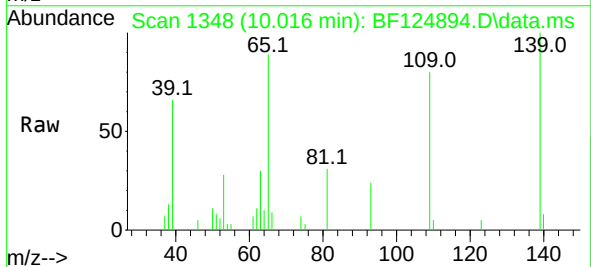
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

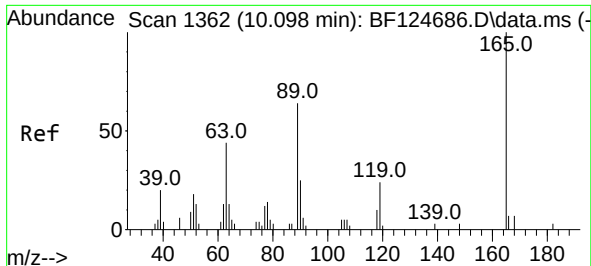
Tgt Ion:168 Resp: 43342  
Ion Ratio Lower Upper  
168 100  
139 38.3 32.7 49.1  
169 13.3 11.2 16.8



#56  
4-Nitrophenol  
Concen: 82.191 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:139 Resp: 11880  
Ion Ratio Lower Upper  
139 100  
109 80.0 60.4 100.4  
65 88.8 58.4 98.4

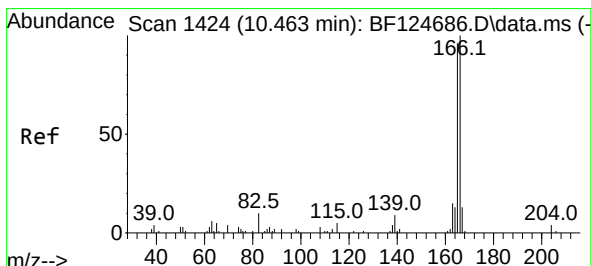
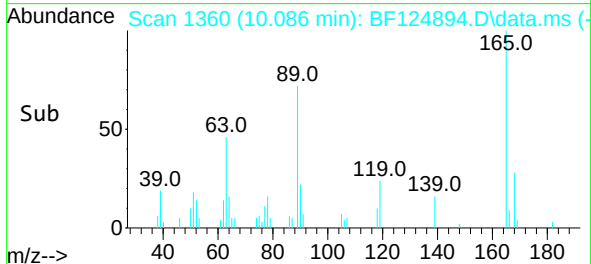
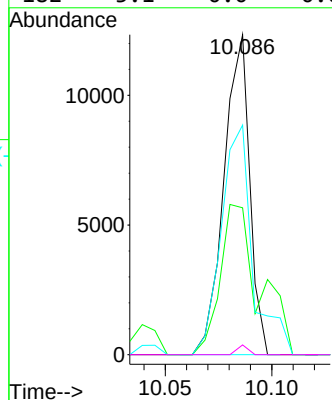
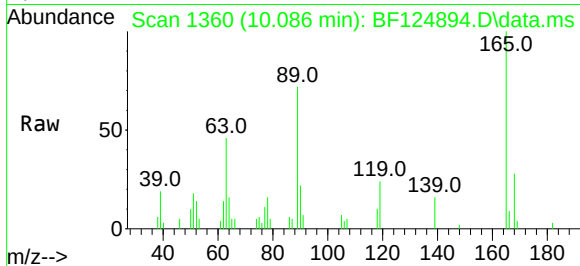




#57  
2,4-Dinitrotoluene  
Concen: 43.711 ng  
RT: 10.086 min Scan# 1360  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

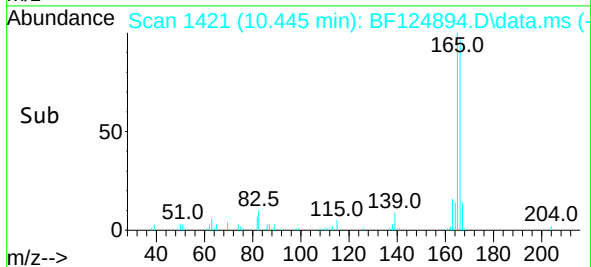
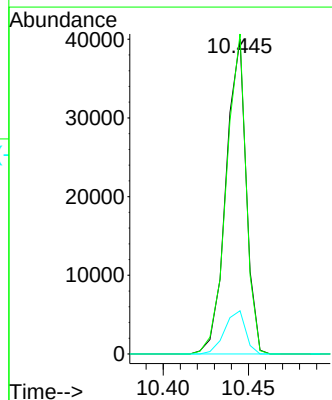
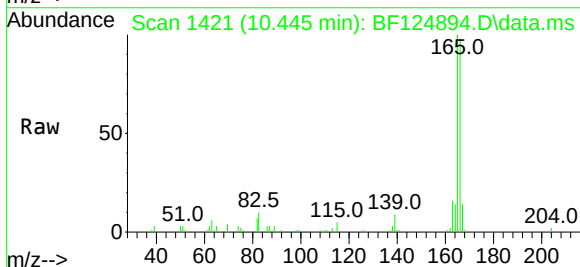
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

Tgt Ion:165 Resp: 10320  
Ion Ratio Lower Upper  
165 100  
63 45.9 40.9 61.3  
89 71.7 59.7 89.5  
182 3.1 0.0 0.0#

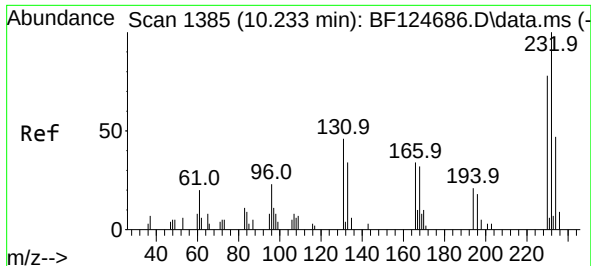


#58  
Fluorene  
Concen: 43.508 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:166 Resp: 32951  
Ion Ratio Lower Upper  
166 100  
165 101.7 78.1 117.1  
167 13.7 11.1 16.7



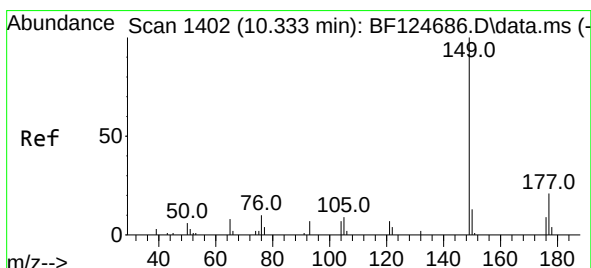
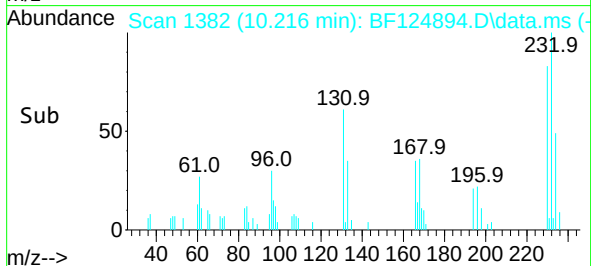
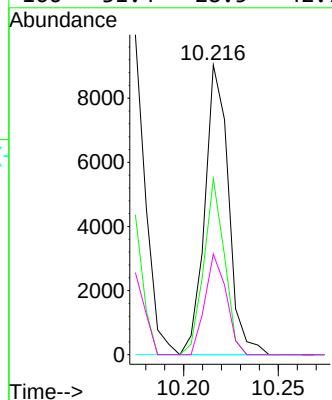
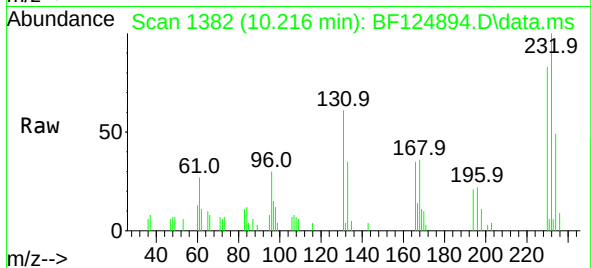




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.788 ng  
RT: 10.216 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

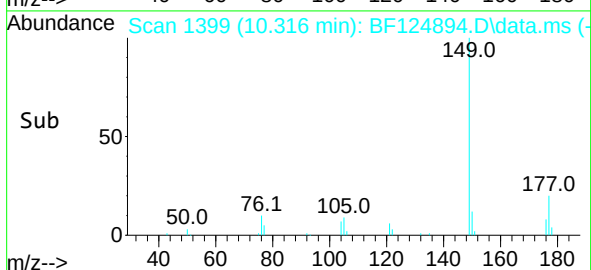
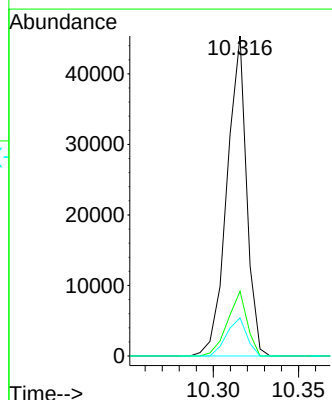
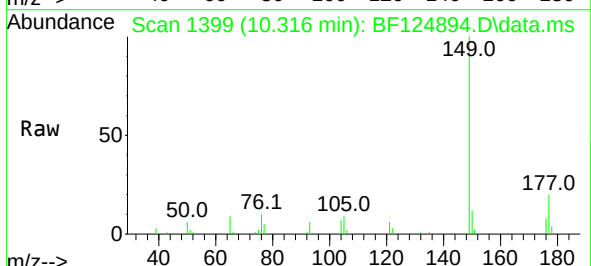
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

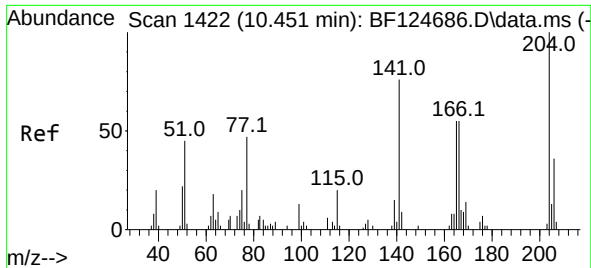
Tgt Ion:232 Resp: 7860  
Ion Ratio Lower Upper  
232 100  
131 52.6 45.4 68.0  
130 0.0 0.0 0.0  
166 31.4 28.5 42.7



#60  
Diethylphthalate  
Concen: 44.391 ng  
RT: 10.316 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:149 Resp: 36352  
Ion Ratio Lower Upper  
149 100  
177 20.2 16.5 24.7  
150 11.9 10.1 15.1

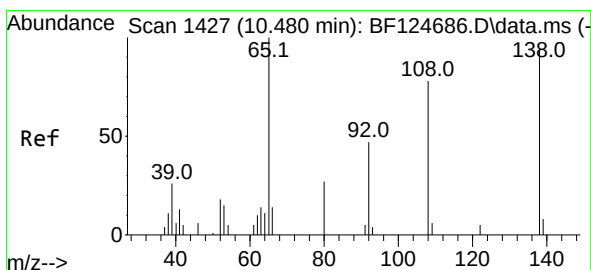
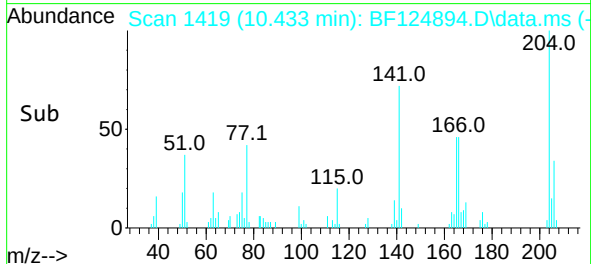
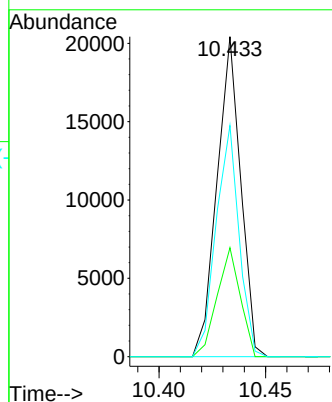
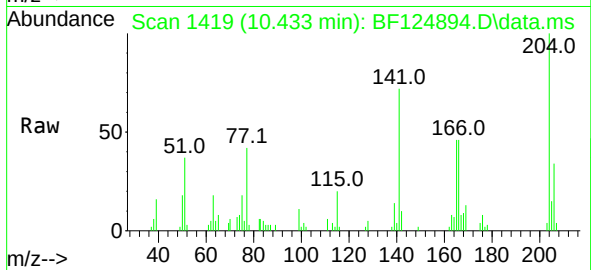




#61  
4-Chlorophenyl-phenylether  
Concen: 43.087 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

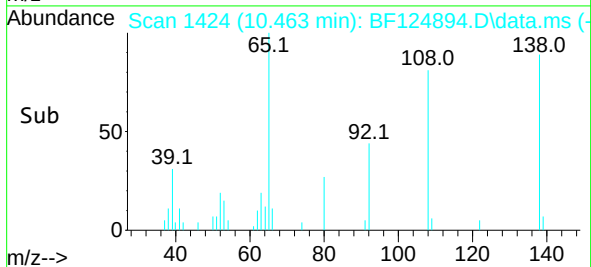
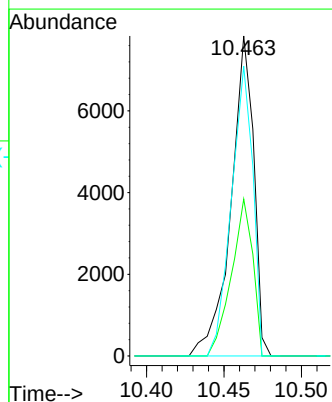
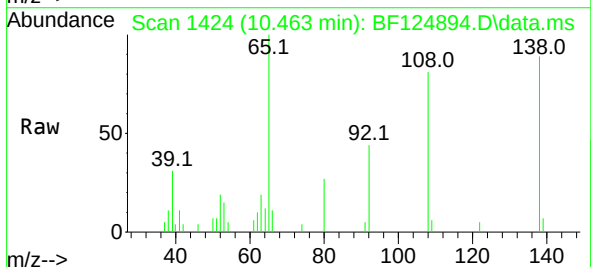
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

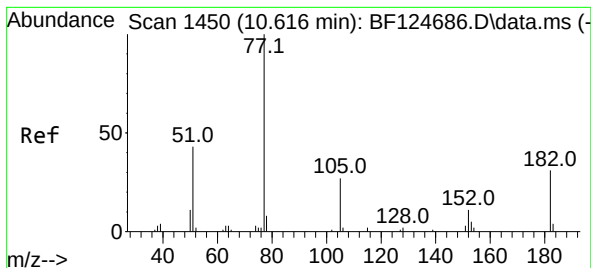
Tgt Ion:204 Resp: 15775  
Ion Ratio Lower Upper  
204 100  
206 34.0 27.6 41.4  
141 72.2 58.6 88.0



#62  
4-Nitroaniline  
Concen: 44.067 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:138 Resp: 7981  
Ion Ratio Lower Upper  
138 100  
92 49.1 29.6 69.6  
108 90.6 78.1 118.1

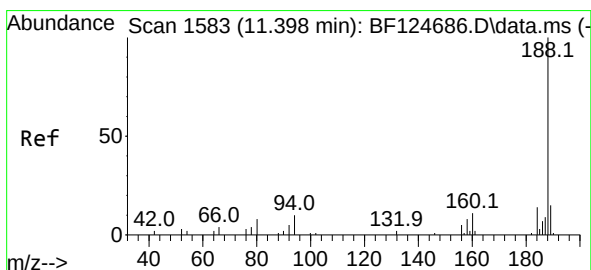
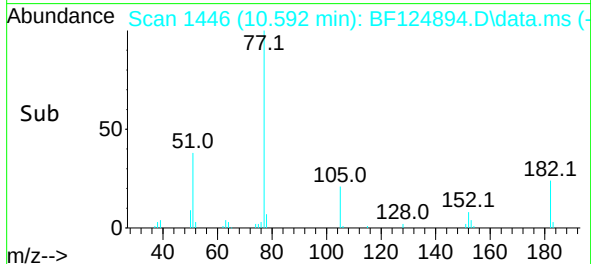
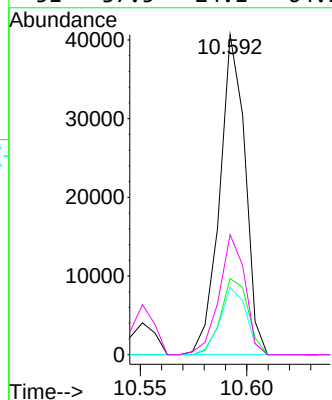
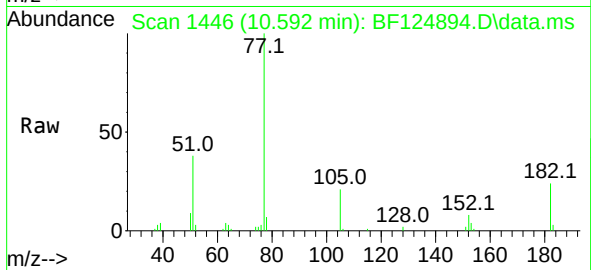




#63  
Azobenzene  
Concen: 46.571 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

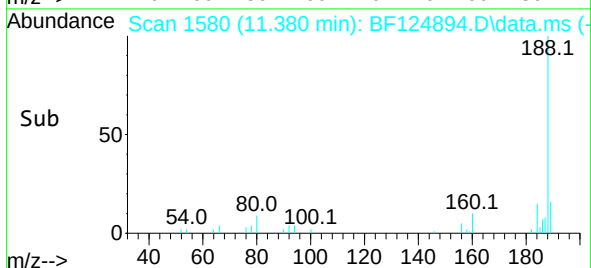
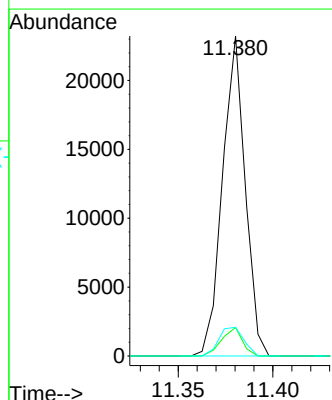
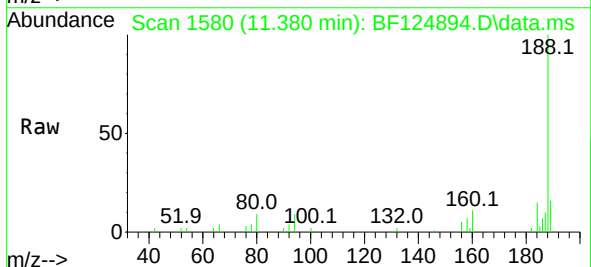
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

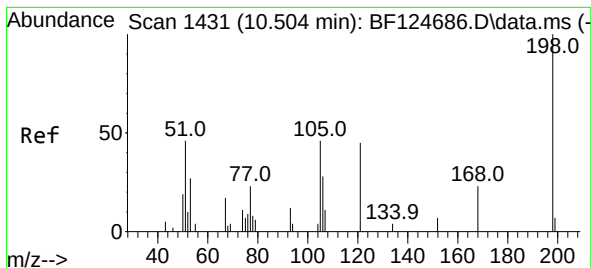
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 33740 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 23.8    | 6.3 46.3    |
| 105 21.1    | 2.9 42.9    |
| 51 37.5     | 24.1 64.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

|              |             |
|--------------|-------------|
| Tgt Ion: 188 | Resp: 19324 |
| Ion Ratio    | Lower Upper |
| 188 100      |             |
| 94 8.9       | 6.7 10.1    |
| 80 8.9       | 7.5 11.3    |

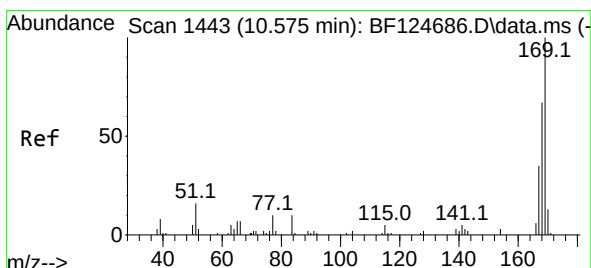
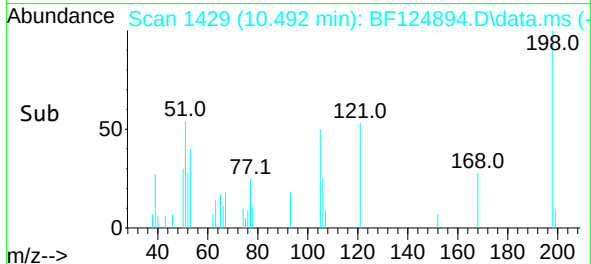
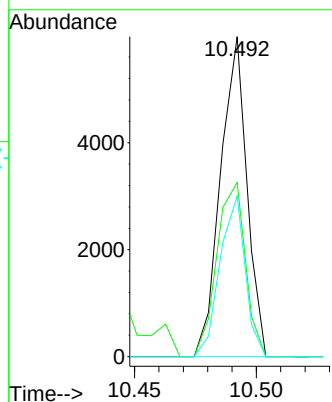
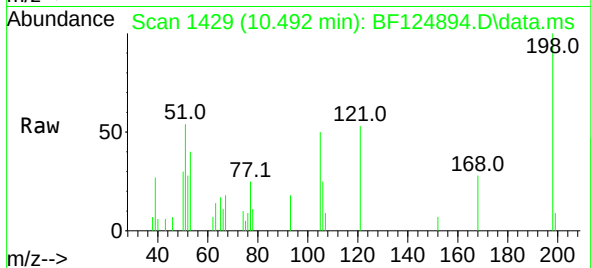




#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.966 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

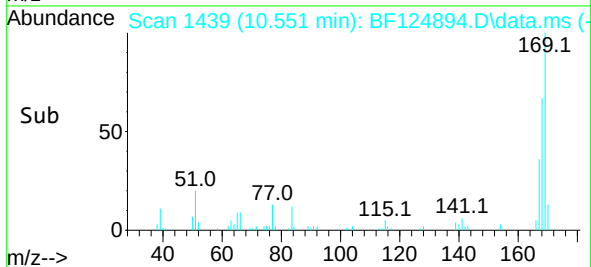
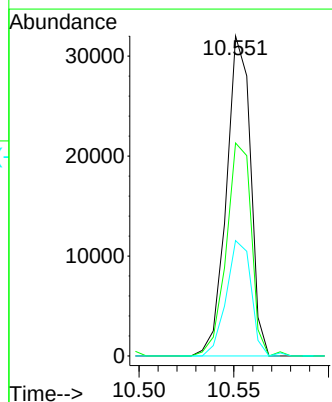
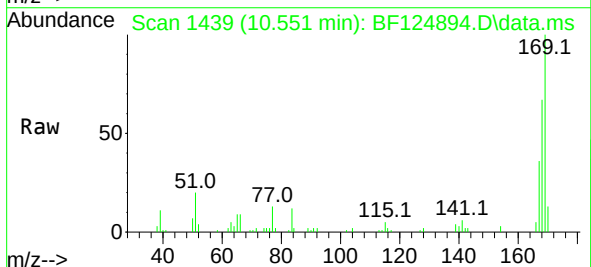
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

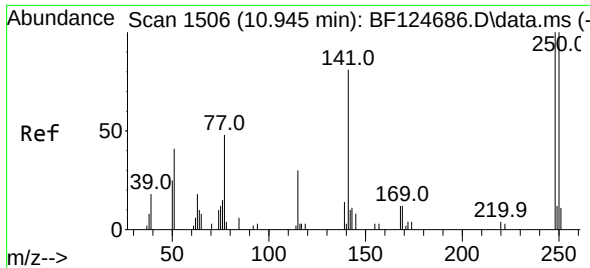
Tgt Ion:198 Resp: 4501  
Ion Ratio Lower Upper  
198 100  
51 54.4 45.3 85.3  
105 50.2 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 45.216 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:169 Resp: 28315  
Ion Ratio Lower Upper  
169 100  
168 66.6 50.8 76.2  
167 36.1 28.8 43.2

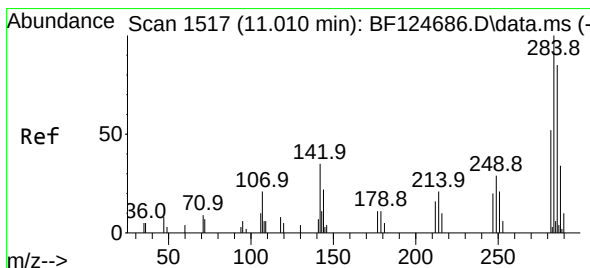
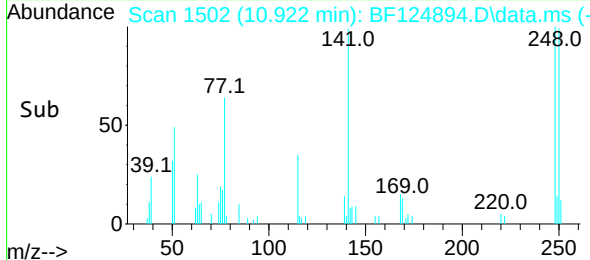
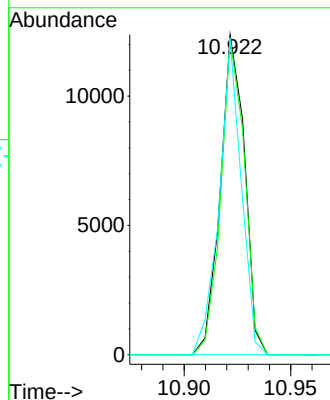
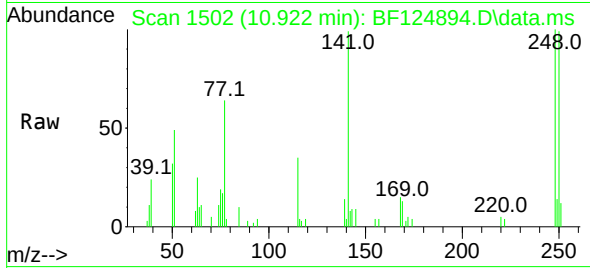




#67  
4-Bromophenyl-phenylether  
Concen: 47.877 ng  
RT: 10.922 min Scan# 1502  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

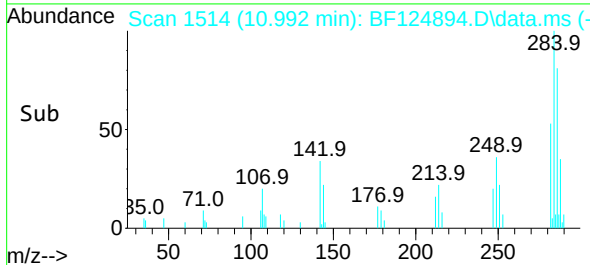
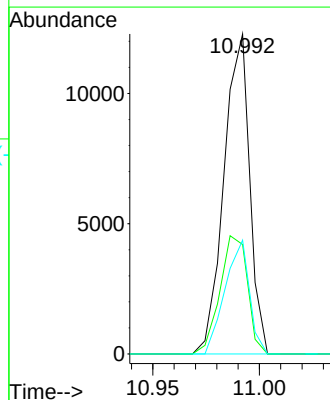
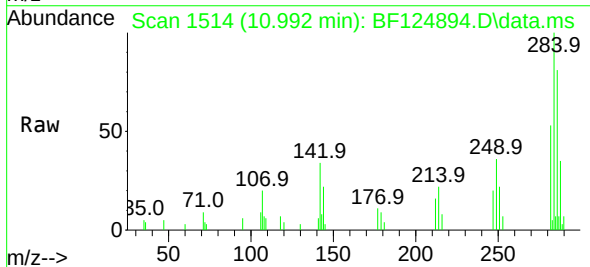
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

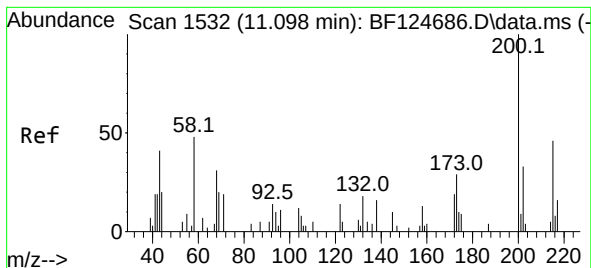
Tgt Ion:248 Resp: 9812  
Ion Ratio Lower Upper  
248 100  
250 98.9 74.2 111.4  
141 98.8 60.4 90.6#



#68  
Hexachlorobenzene  
Concen: 48.373 ng  
RT: 10.992 min Scan# 1514  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:284 Resp: 10296  
Ion Ratio Lower Upper  
284 100  
142 34.2 36.4 54.6#  
249 35.6 25.6 38.4





#69

Atrazine

Concen: 47.481 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.000 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

Tgt Ion:200 Resp: 9040

Ion Ratio Lower Upper

200 100

173 31.0 11.1 51.1

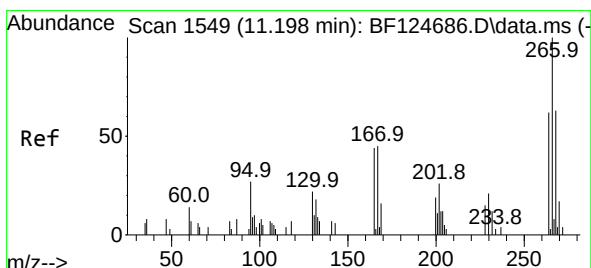
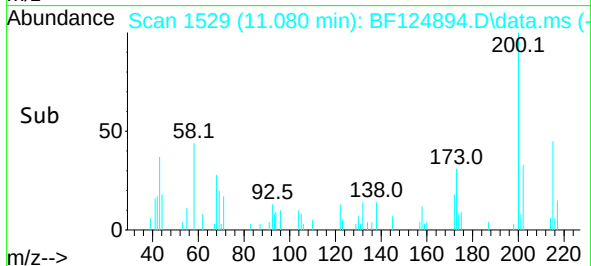
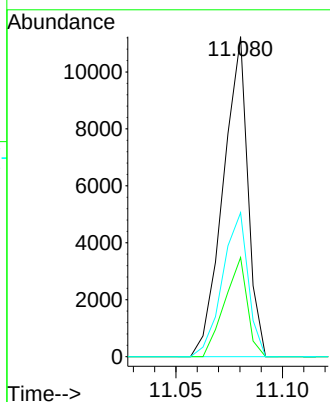
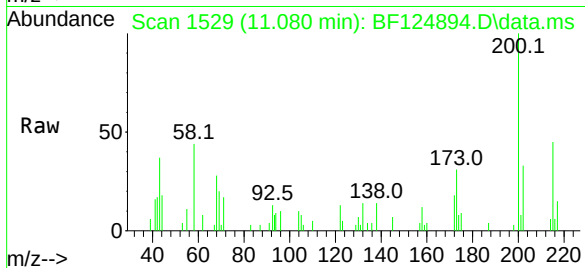
215 45.0 22.7 62.7

Instrument :

BNA\_F

ClientSampleId :

MH-462-COMPMS



#70

Pentachlorophenol

Concen: 69.753 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

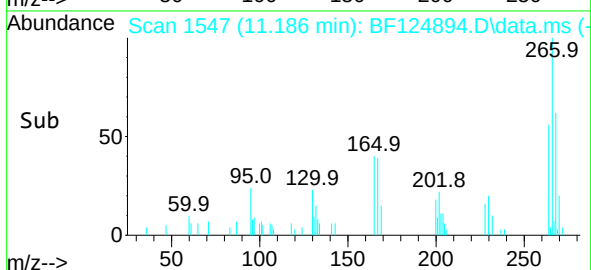
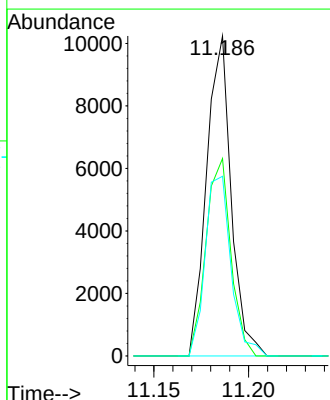
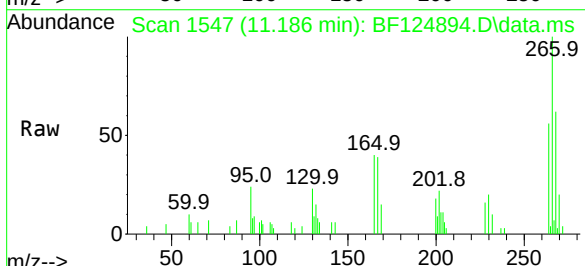
Tgt Ion:266 Resp: 9232

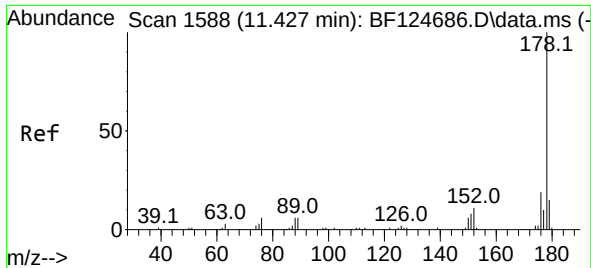
Ion Ratio Lower Upper

266 100

268 61.7 48.9 73.3

264 56.1 55.9 83.9

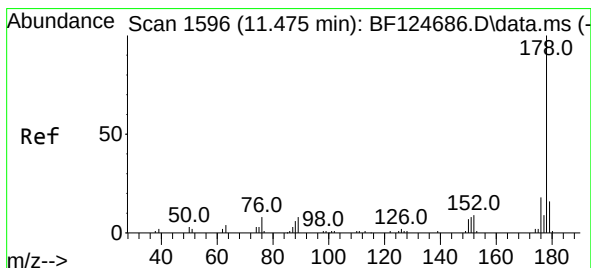
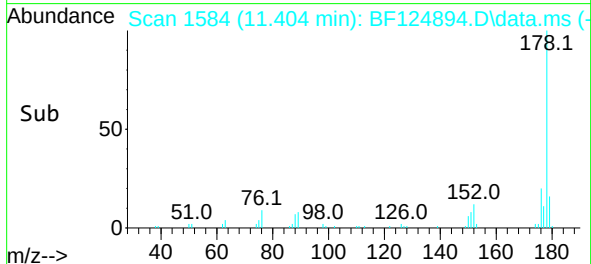
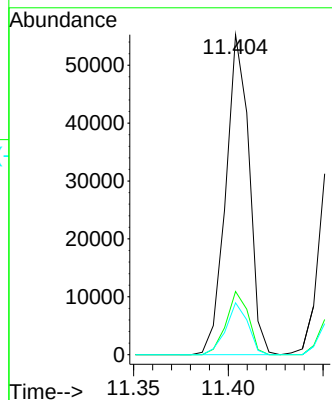
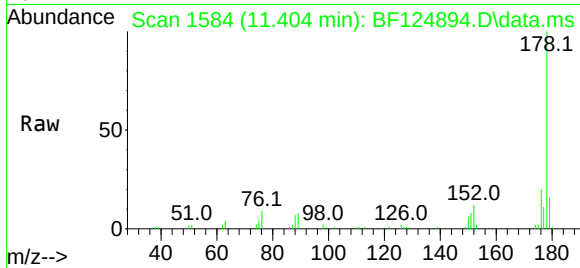




#71  
Phenanthrene  
Concen: 45.428 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

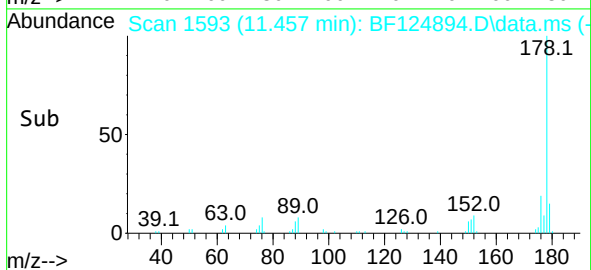
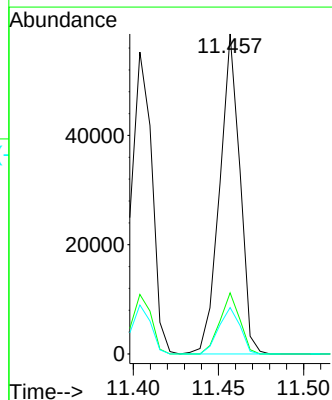
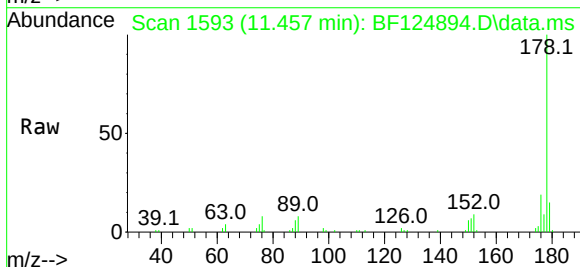
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

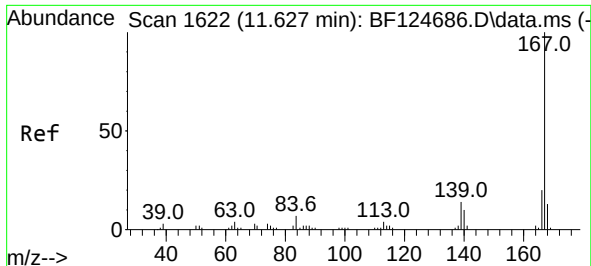
Tgt Ion:178 Resp: 47215  
Ion Ratio Lower Upper  
178 100  
176 19.7 14.7 22.1  
179 16.2 11.5 17.3



#72  
Anthracene  
Concen: 46.524 ng  
RT: 11.457 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:178 Resp: 48340  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.3 21.5  
179 14.5 12.2 18.4

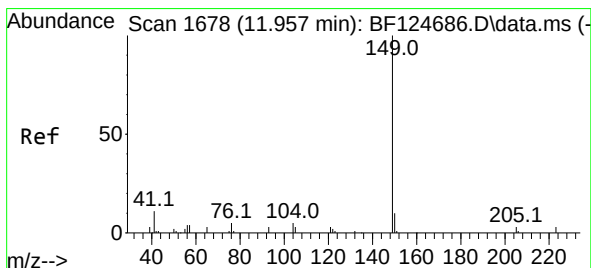
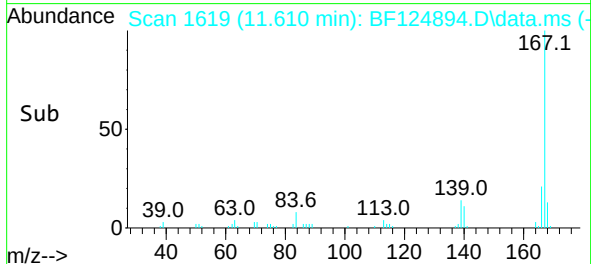
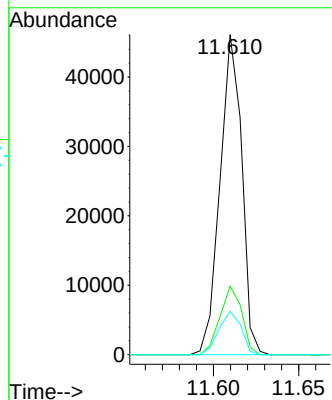
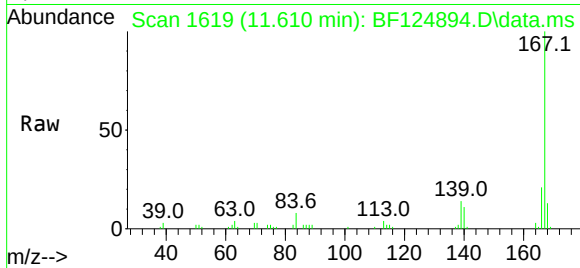




#73  
 Carbazole  
 Concen: 42.017 ng  
 RT: 11.610 min Scan# 1619  
 Delta R.T. -0.006 min  
 Lab File: BF124894.D  
 Acq: 31 Jul 2021 15:57

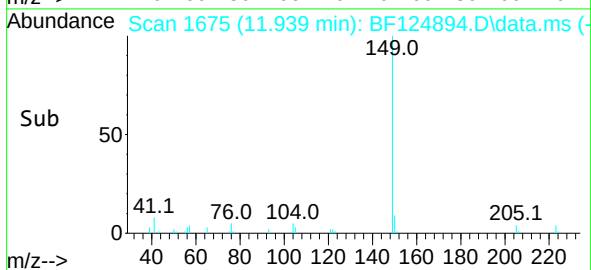
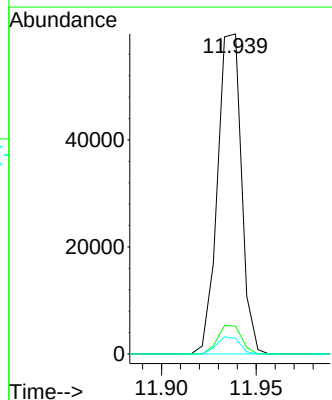
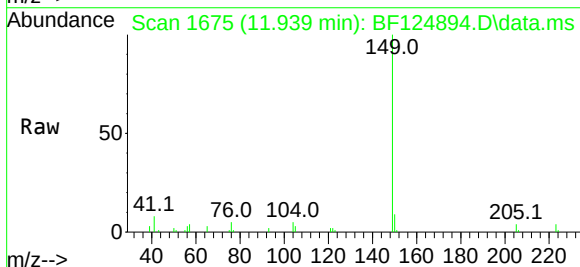
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-462-COMPMS

Tgt Ion:167 Resp: 40923  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.4 26.0  
 139 13.6 11.0 16.4

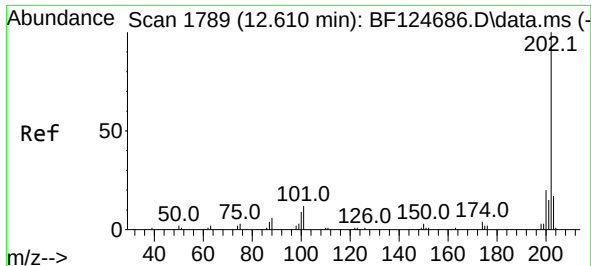


#74  
 Di-n-butylphthalate  
 Concen: 40.564 ng  
 RT: 11.939 min Scan# 1675  
 Delta R.T. -0.000 min  
 Lab File: BF124894.D  
 Acq: 31 Jul 2021 15:57

Tgt Ion:149 Resp: 52623  
 Ion Ratio Lower Upper  
 149 100  
 150 8.7 7.4 11.2  
 104 4.9 4.1 6.1



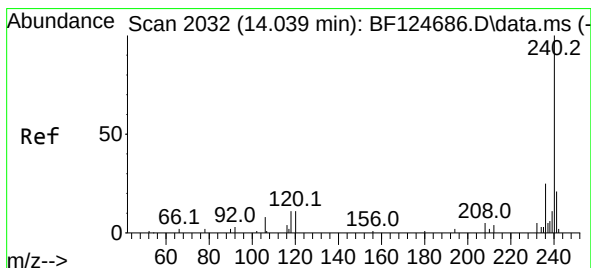
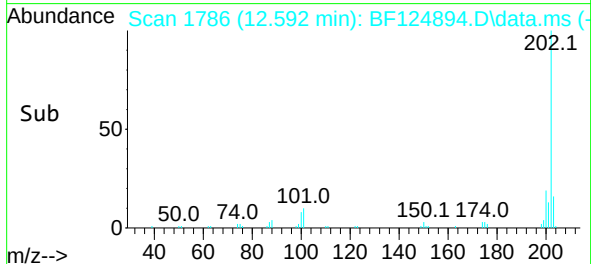
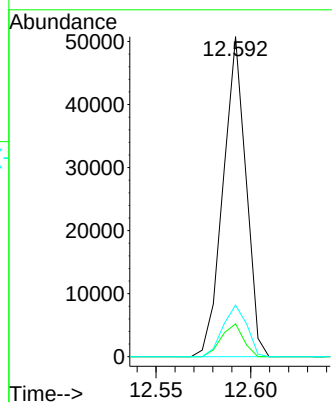
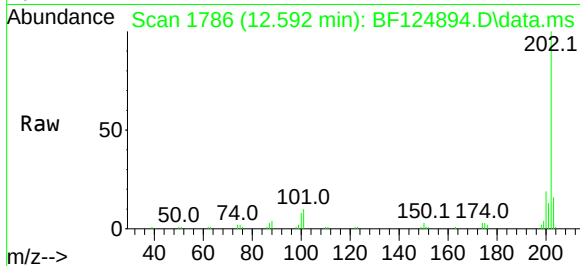




#75  
Fluoranthene  
Concen: 40.081 ng  
RT: 12.592 min Scan# 1786  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

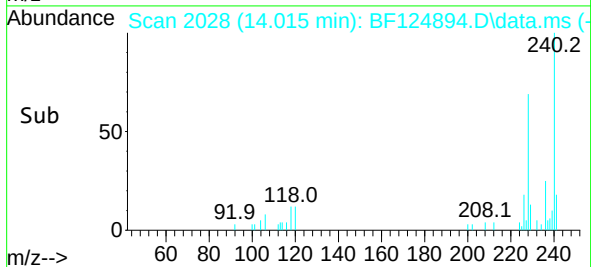
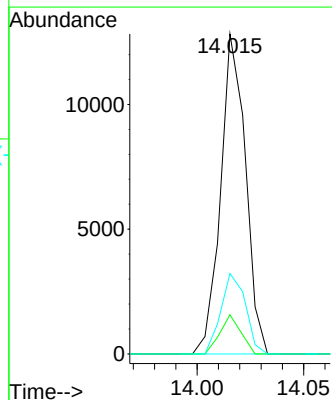
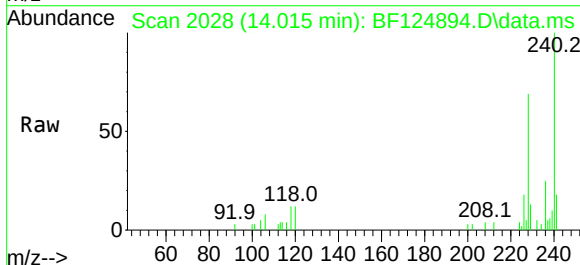
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

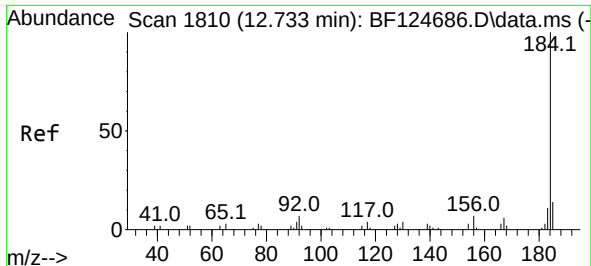
Tgt Ion:202 Resp: 42510  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.7  
203 16.1 0.0 36.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:240 Resp: 10391  
Ion Ratio Lower Upper  
240 100  
120 12.3 10.8 16.2  
236 25.2 21.6 32.4

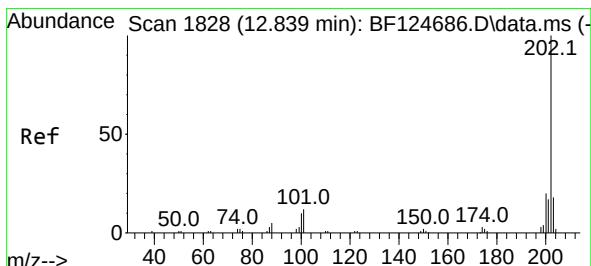
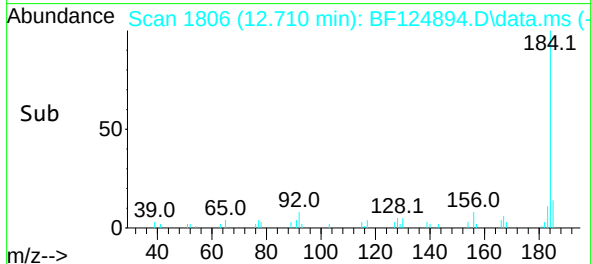
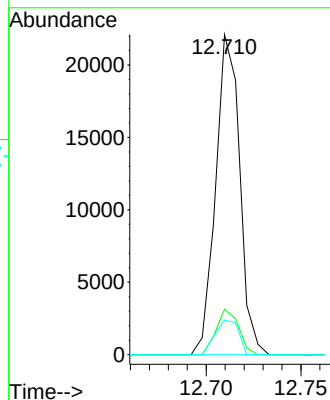
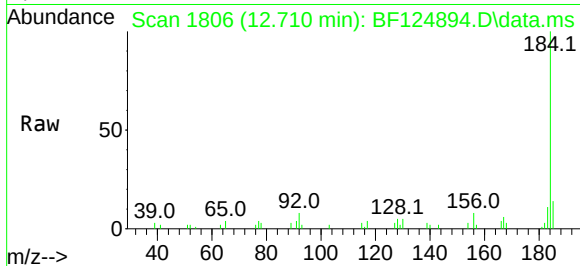




#77  
Benzidine  
Concen: 66.546 ng  
RT: 12.710 min Scan# 1806  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

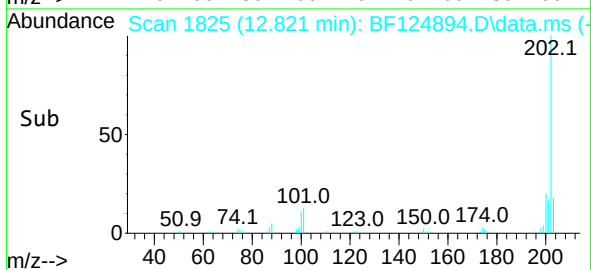
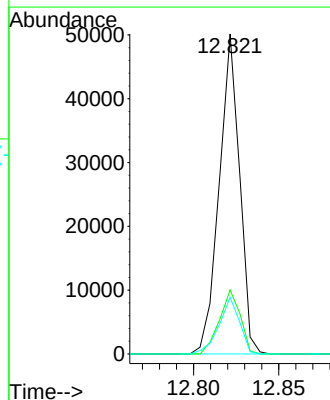
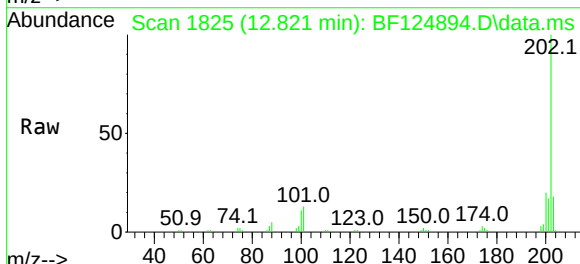
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

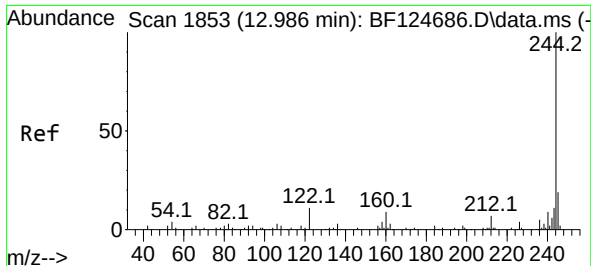
Tgt Ion:184 Resp: 19499  
Ion Ratio Lower Upper  
184 100  
185 14.2 10.8 16.2  
183 10.8 8.1 12.1



#78  
Pyrene  
Concen: 50.674 ng  
RT: 12.821 min Scan# 1825  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:202 Resp: 41686  
Ion Ratio Lower Upper  
202 100  
200 20.0 15.3 22.9  
203 17.7 13.4 20.0

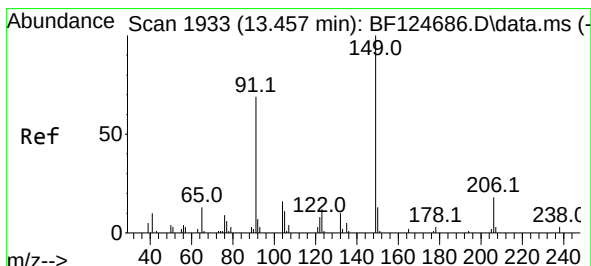
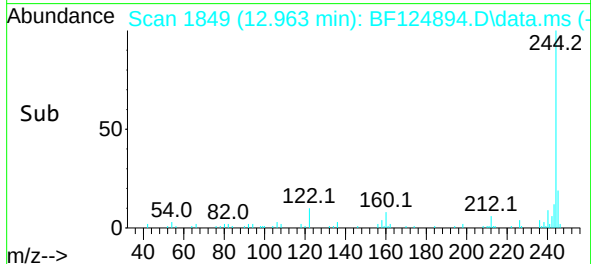
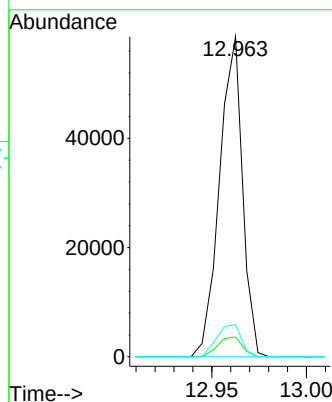
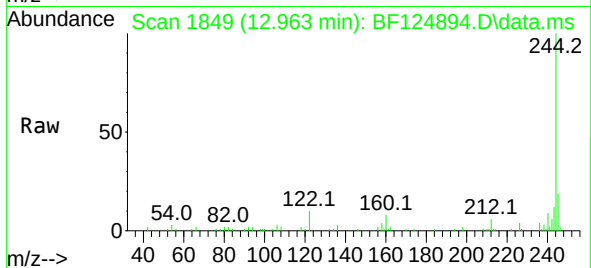




#79  
Terphenyl-d14  
Concen: 81.458 ng  
RT: 12.963 min Scan# 1849  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

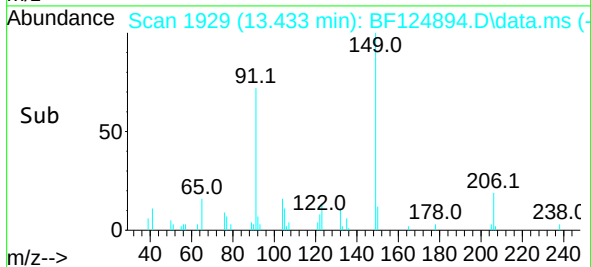
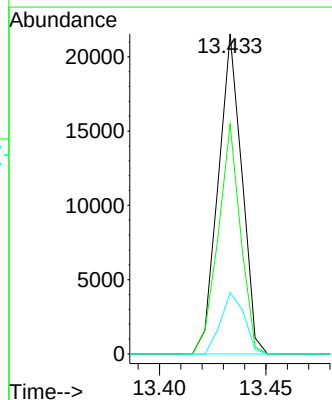
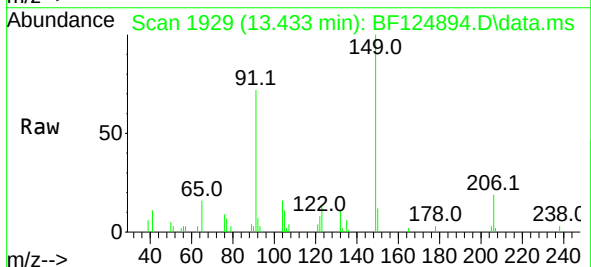
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

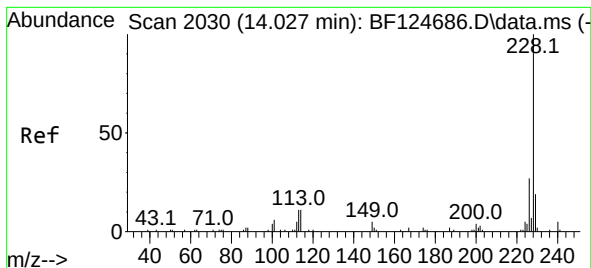
Tgt Ion:244 Resp: 49379  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.9 8.9  
122 10.0 9.0 13.4



#80  
Butylbenzylphthalate  
Concen: 42.045 ng  
RT: 13.433 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:149 Resp: 16566  
Ion Ratio Lower Upper  
149 100  
91 71.8 51.8 77.8  
206 19.2 14.5 21.7





#81

Benzo(a)anthracene

Concen: 43.853 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

Instrument :

BNA\_F

ClientSampleId :

MH-462-COMPMS

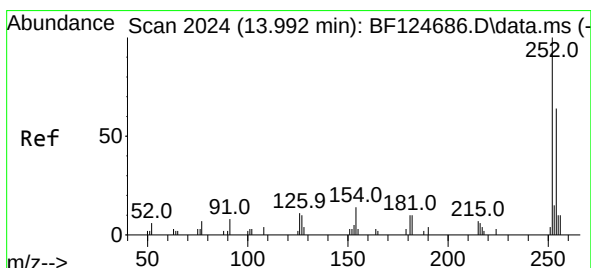
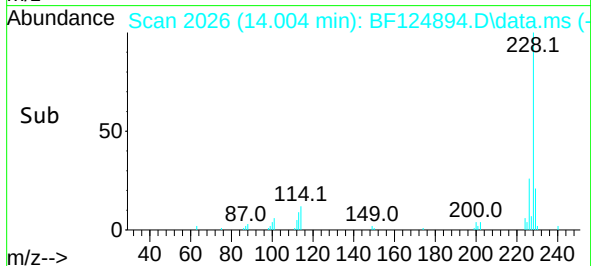
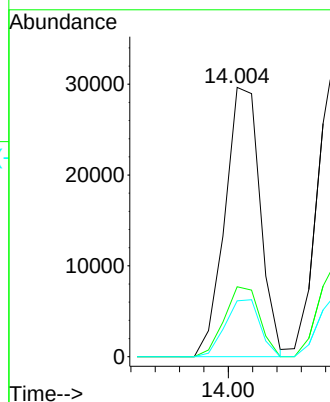
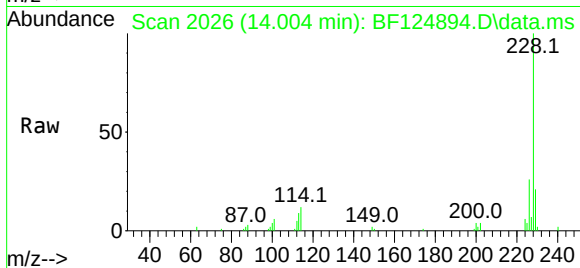
Tgt Ion:228 Resp: 29786

Ion Ratio Lower Upper

228 100

226 26.0 21.6 32.4

229 20.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 31.634 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

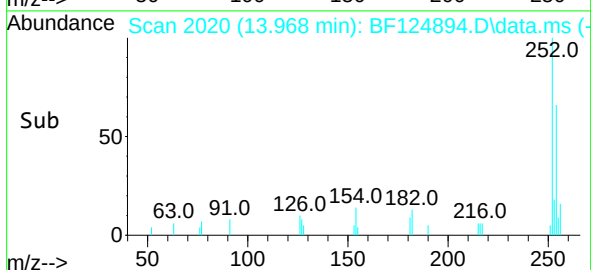
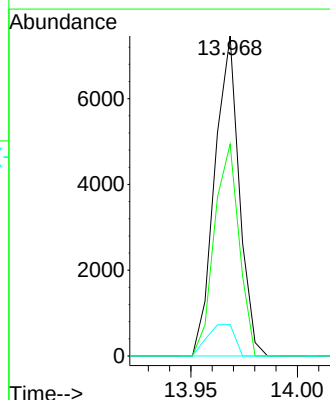
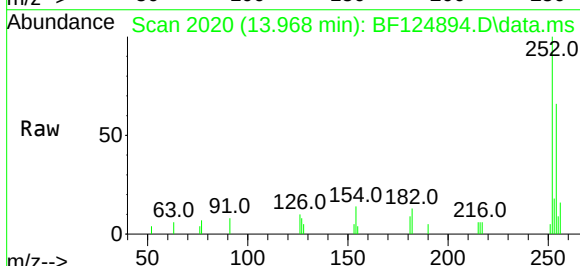
Tgt Ion:252 Resp: 5963

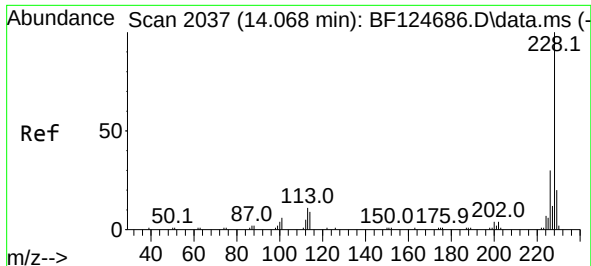
Ion Ratio Lower Upper

252 100

254 66.2 51.4 77.0

126 9.8 9.5 14.3

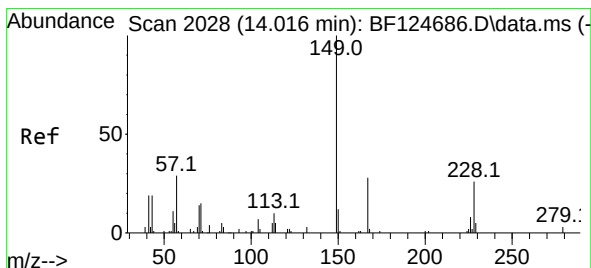
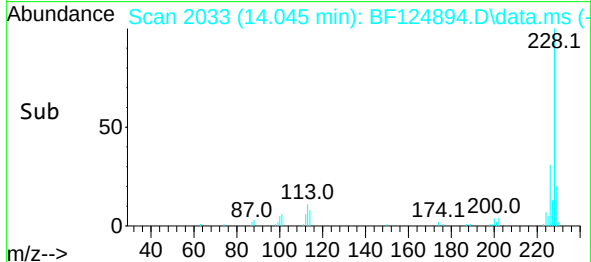
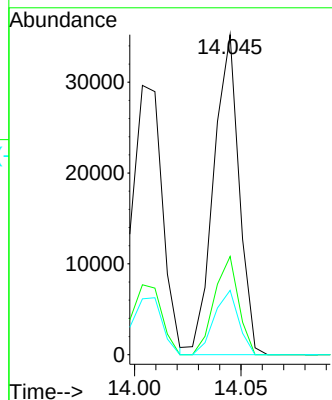
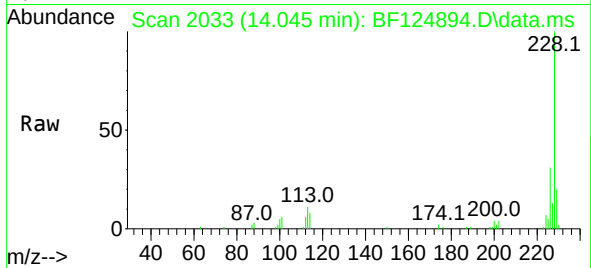




#83  
Chrysene  
Concen: 44.586 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

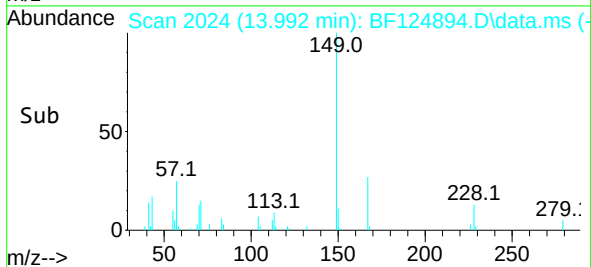
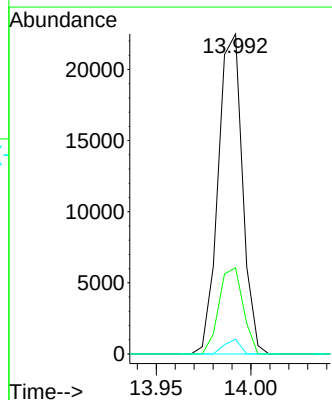
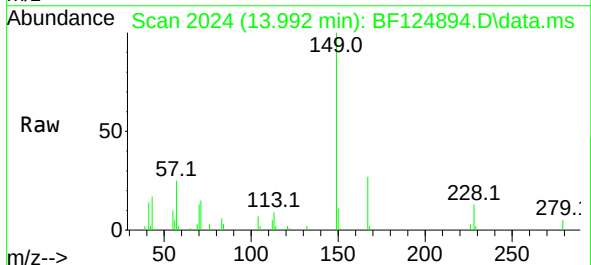
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

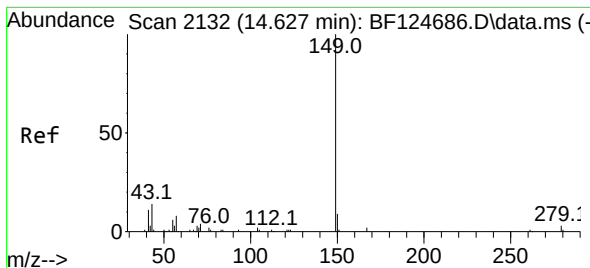
Tgt Ion:228 Resp: 29176  
Ion Ratio Lower Upper  
228 100  
226 30.7 22.6 34.0  
229 20.1 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 34.615 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:149 Resp: 20089  
Ion Ratio Lower Upper  
149 100  
167 26.9 21.4 32.0  
279 4.6 2.6 4.0#

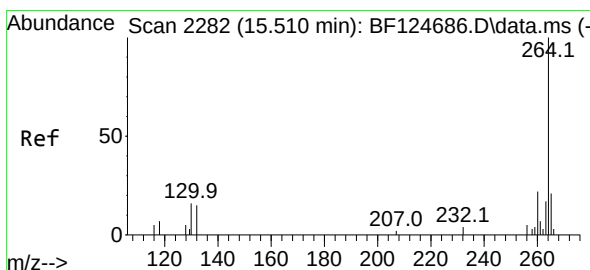
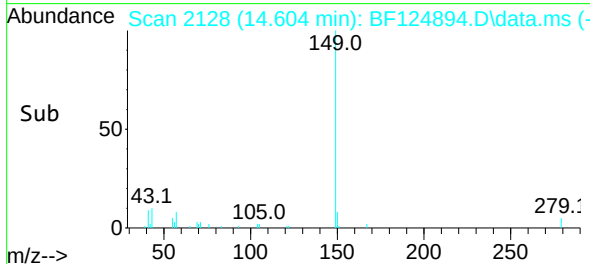
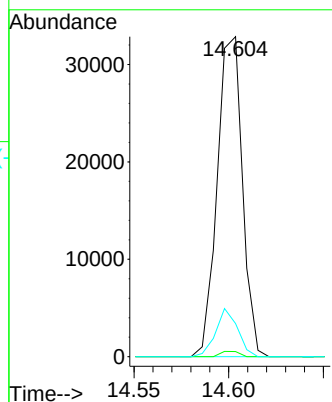
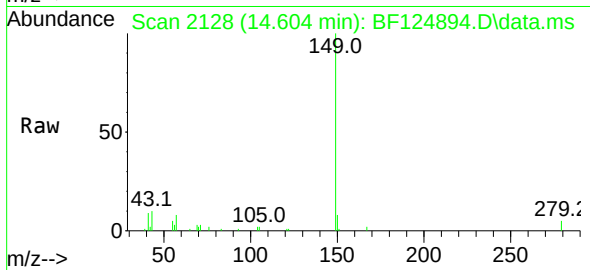




#85  
Di-n-octyl phthalate  
Concen: 32.300 ng  
RT: 14.604 min Scan# 2128  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

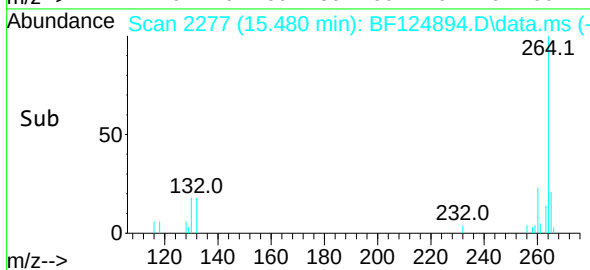
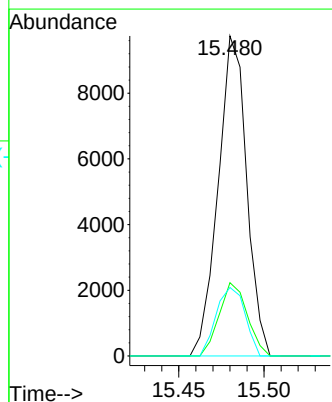
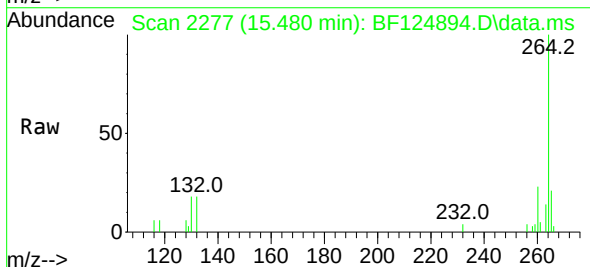
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

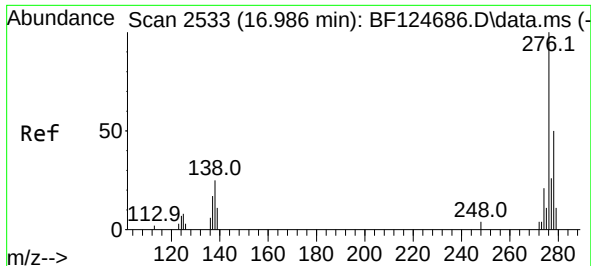
Tgt Ion:149 Resp: 30419  
Ion Ratio Lower Upper  
149 100  
167 1.2 1.0 1.6  
43 13.1 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.480 min Scan# 2277  
Delta R.T. -0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:264 Resp: 11333  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.6 29.4  
265 21.4 17.2 25.8

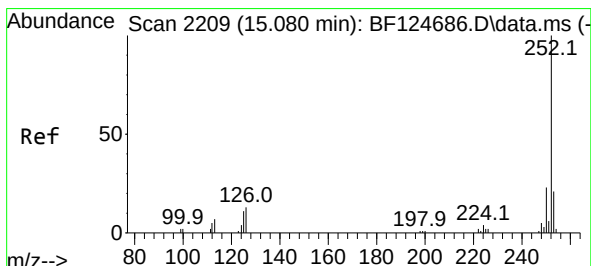
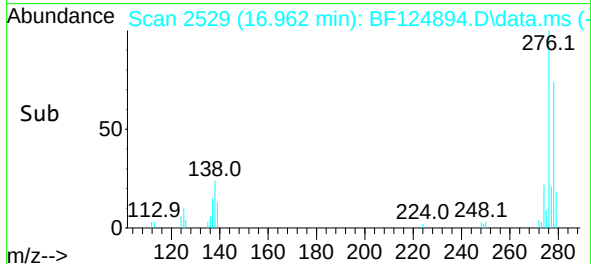
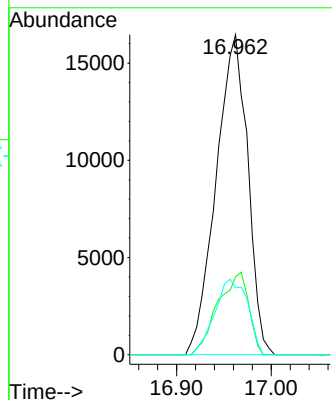
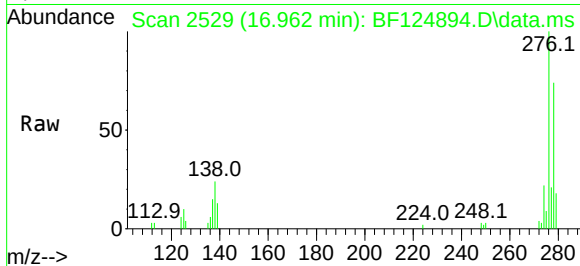




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 58.340 ng  
RT: 16.962 min Scan# 2529  
Delta R.T. 0.006 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

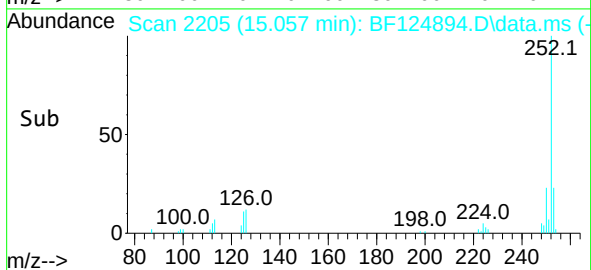
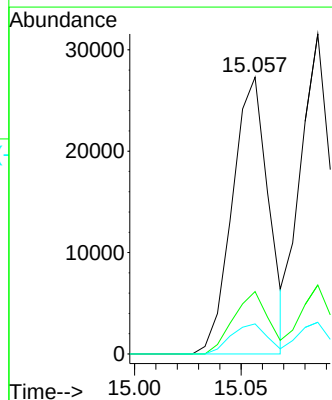
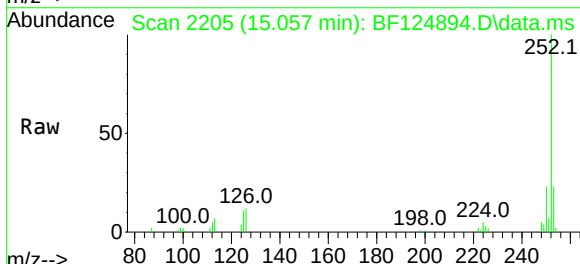
Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

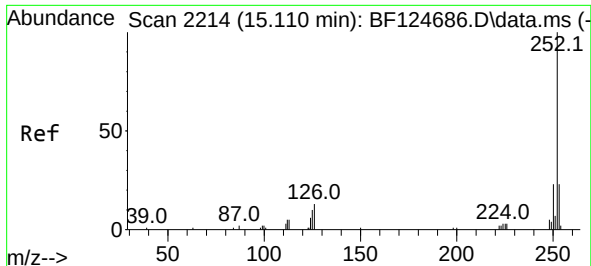
Tgt Ion:276 Resp: 38171  
Ion Ratio Lower Upper  
276 100  
138 25.1 24.1 36.1  
277 24.6 18.8 28.2



#88  
Benzo(b)fluoranthene  
Concen: 40.488 ng  
RT: 15.057 min Scan# 2205  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:252 Resp: 32306  
Ion Ratio Lower Upper  
252 100  
253 22.6 16.8 25.2  
125 10.8 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 41.998 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

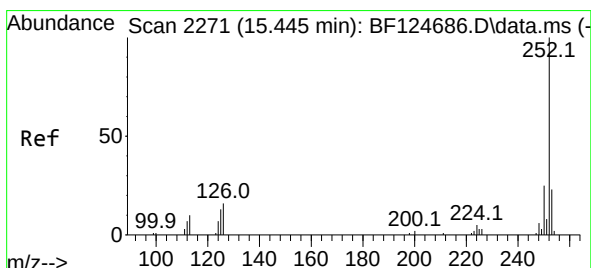
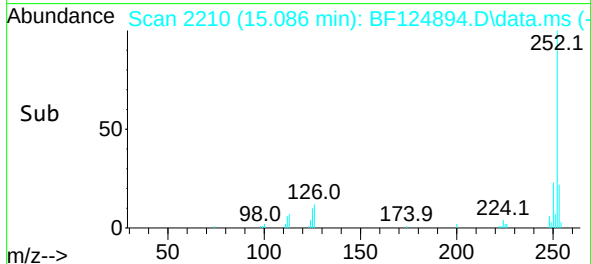
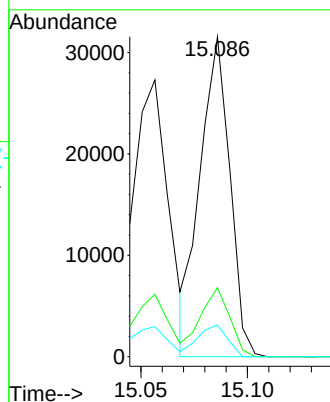
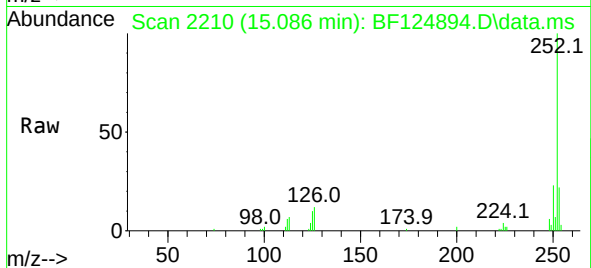
Tgt Ion:252 Resp: 30620

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 9.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 48.556 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.006 min

Lab File: BF124894.D

Acq: 31 Jul 2021 15:57

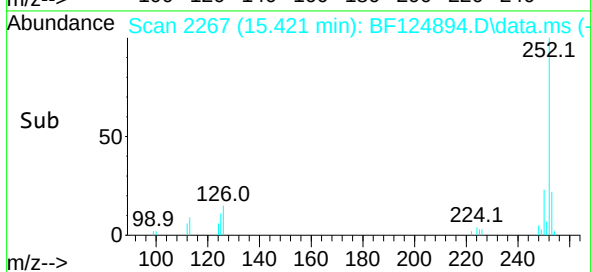
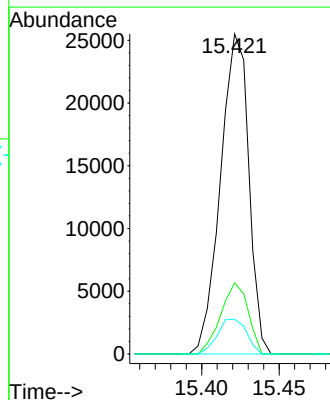
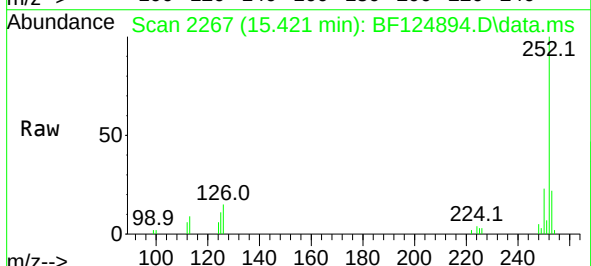
Tgt Ion:252 Resp: 32365

Ion Ratio Lower Upper

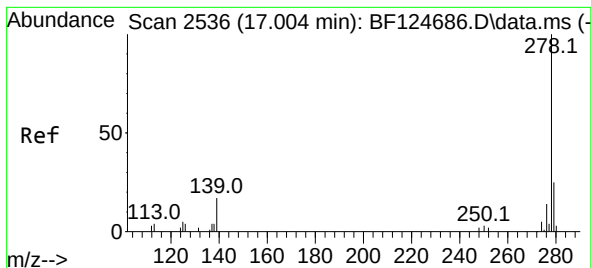
252 100

253 22.2 18.4 27.6

125 10.9 9.9 14.9



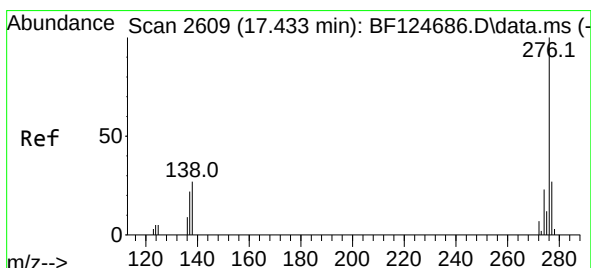
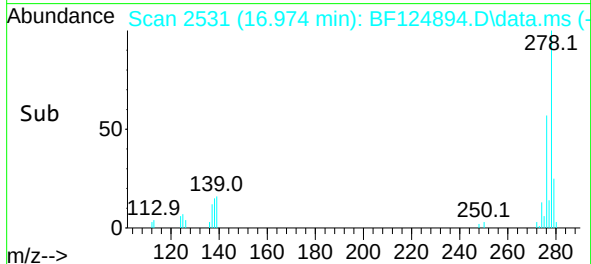
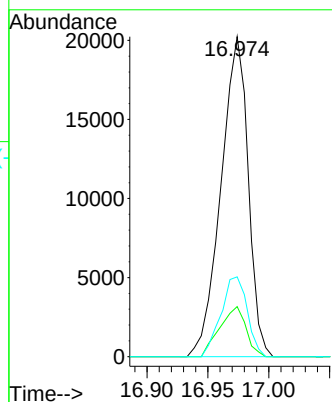
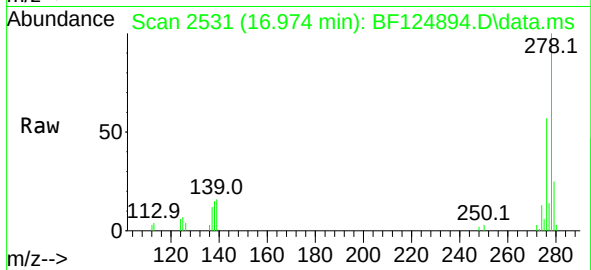




#91  
Dibenzo(a,h)anthracene  
Concen: 54.824 ng  
RT: 16.974 min Scan# 2531  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MH-462-COMPMS

Tgt Ion:278 Resp: 31402  
Ion Ratio Lower Upper  
278 100  
139 15.7 14.9 22.3  
279 25.0 19.7 29.5



#92  
Benzo(g,h,i)perylene  
Concen: 59.968 ng  
RT: 17.403 min Scan# 2604  
Delta R.T. -0.000 min  
Lab File: BF124894.D  
Acq: 31 Jul 2021 15:57

Tgt Ion:276 Resp: 32572  
Ion Ratio Lower Upper  
276 100  
277 23.8 22.0 33.0  
138 23.4 22.2 33.4

