

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081021\  
 Data File : BF125037.D  
 Acq On : 10 Aug 2021 18:52  
 Operator : JU/CG  
 Sample : M3308-05MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11930MS

Quant Time: Aug 11 04:14:28 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 10 11:32:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 4398     | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 8.098  | 136  | 17853    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.851  | 164  | 10336    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.339 | 188  | 19443    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 11863    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.421 | 264  | 10414    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 34894    | 129.969 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.457  | 99   | 41724    | 123.249 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.380  | 82   | 34938    | 102.375 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 14506    | 157.091 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.175  | 172  | 61726    | 87.384  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.921 | 244  | 69201    | 98.398  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.722  | 88   | 4353     | 43.338  | ng    | # 100    |
| 3) Pyridine                   | 3.434  | 79   | 7169     | 30.716  | ng    | # 81     |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 8227     | 49.638  | ng    | # 65     |
| 6) Aniline                    | 6.481  | 93   | 7887     | 22.055  | ng    | # 68     |
| 8) 2-Chlorophenol             | 6.604  | 128  | 13204    | 44.835  | ng    | 80       |
| 9) Benzaldehyde               | 6.369  | 77   | 6860     | 37.246  | ng    | 88       |
| 10) Phenol                    | 6.475  | 94   | 14792    | 42.347  | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 6.557  | 93   | 15372    | 58.662  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.986  | 146  | 13941    | 43.492  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.986  | 146  | 13941    | 43.506  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 6.986  | 146  | 13941    | 46.424  | ng    | 97       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 14160    | 57.987  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.092  | 45   | 21298    | 50.731  | ng    | 87       |
| 17) 2-Methylphenol            | 7.075  | 107  | 11258    | 51.069  | ng    | # 90     |
| 18) Hexachloroethane          | 7.322  | 117  | 6859     | 54.673  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.233  | 70   | 12235    | 60.910  | ng    | # 76     |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 15032    | 51.367  | ng    | # 58     |
| 22) Acetophenone              | 7.228  | 105  | 21901    | 50.090  | ng    | # 88     |
| 24) Nitrobenzene              | 7.404  | 77   | 17268    | 52.291  | ng    | 92       |
| 25) Isophorone                | 7.639  | 82   | 30365    | 52.131  | ng    | # 88     |
| 26) 2-Nitrophenol             | 7.716  | 139  | 7250     | 43.234  | ng    | # 62     |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 12593    | 52.975  | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 7.845  | 93   | 18519    | 55.863  | ng    | # 96     |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 12194    | 46.042  | ng    | 88       |
| 30) 1,2,4-Trichlorobenzene    | 8.039  | 180  | 12397    | 41.769  | ng    | 92       |
| 31) Naphthalene               | 8.122  | 128  | 40774    | 44.452  | ng    | 98       |
| 32) Benzoic acid              | 7.898  | 122  | 7936     | 55.037  | ng    | # 64     |
| 33) 4-Chloroaniline           | 8.169  | 127  | 2701     | 7.902   | ng    | # 87     |
| 34) Hexachlorobutadiene       | 8.233  | 225  | 8552     | 48.250  | ng    | 95       |
| 35) Caprolactam               | 8.557  | 113  | 1899     | 27.002  | ng    | # 63     |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 14760    | 53.278  | ng    | # 84     |
| 37) 2-Methylnaphthalene       | 8.810  | 142  | 28163    | 45.666  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.910  | 142  | 25973    | 45.009  | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 8.975  | 216  | 13440    | 45.302  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 8.963  | 237  | 12922    | 112.138 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 9379     | 47.489  | ng    | 97       |

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 ALS Vial : 6 Sample Multiplier: 1

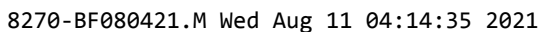
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11930MS

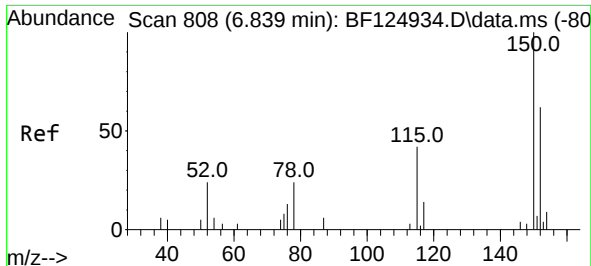
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 QLast Update : Tue Aug 10 11:32:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.133  | 196  | 9686     | 48.449 | ng    | 91       |
| 46) 1,1'-Biphenyl             | 9.274  | 154  | 33064    | 42.927 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.298  | 162  | 27011    | 44.079 | ng    | 92       |
| 48) 2-Nitroaniline            | 9.398  | 65   | 9965     | 55.359 | ng #  | 78       |
| 49) Acenaphthylene            | 9.716  | 152  | 41800    | 44.907 | ng    | 98       |
| 50) Dimethylphthalate         | 9.580  | 163  | 34546    | 49.321 | ng #  | 97       |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 7306     | 46.843 | ng #  | 63       |
| 52) Acenaphthene              | 9.886  | 154  | 24174    | 42.839 | ng    | 94       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 3321     | 20.216 | ng #  | 64       |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 7400     | 92.647 | ng #  | 88       |
| 55) Dibenzofuran              | 10.057 | 168  | 39174    | 44.420 | ng    | 96       |
| 56) 4-Nitrophenol             | 9.986  | 139  | 9211     | 85.061 | ng #  | 63       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 10133    | 47.853 | ng #  | 86       |
| 58) Fluorene                  | 10.404 | 166  | 31529    | 46.626 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 7884     | 52.560 | ng #  | 90       |
| 60) Diethylphthalate          | 10.274 | 149  | 36244    | 50.423 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204  | 15043    | 47.108 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.427 | 138  | 5694     | 35.701 | ng #  | 76       |
| 63) Azobenzene                | 10.551 | 77   | 38027    | 54.099 | ng    | 87       |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 4826     | 39.621 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.516 | 169  | 27245    | 43.234 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248  | 10265    | 48.202 | ng #  | 91       |
| 68) Hexachlorobenzene         | 10.945 | 284  | 11185    | 48.277 | ng    | 95       |
| 69) Atrazine                  | 11.045 | 200  | 9454     | 49.926 | ng    | 91       |
| 70) Pentachlorophenol         | 11.145 | 266  | 10989    | 99.432 | ng    | 94       |
| 71) Phenanthrene              | 11.363 | 178  | 45503    | 43.143 | ng    | 97       |
| 72) Anthracene                | 11.416 | 178  | 48189    | 45.544 | ng    | 100      |
| 73) Carbazole                 | 11.574 | 167  | 38383    | 39.558 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.898 | 149  | 60248    | 48.857 | ng    | 99       |
| 75) Fluoranthene              | 12.551 | 202  | 44839    | 41.095 | ng    | 97       |
| 77) Benzidine                 | 12.921 | 184  | 1147     | 3.614  | ng #  | 69       |
| 78) Pyrene                    | 12.780 | 202  | 44889    | 48.040 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.392 | 149  | 21388    | 51.434 | ng    | 89       |
| 81) Benzo(a)anthracene        | 13.962 | 228  | 33332    | 43.116 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.921 | 252  | 3297     | 16.177 | ng    | 96       |
| 83) Chrysene                  | 14.004 | 228  | 31722    | 42.447 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 30115    | 52.206 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.557 | 149  | 44402    | 48.790 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.874 | 276  | 33305    | 53.704 | ng #  | 91       |
| 88) Benzo(b)fluoranthene      | 15.004 | 252  | 30653    | 41.920 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 15.004 | 252  | 30653    | 46.082 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.368 | 252  | 28206    | 45.298 | ng #  | 96       |
| 91) Dibenzo(a,h)anthracene    | 16.886 | 278  | 29397    | 53.913 | ng #  | 91       |
| 92) Benzo(g,h,i)perylene      | 17.321 | 276  | 28805    | 55.072 | ng #  | 82       |

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

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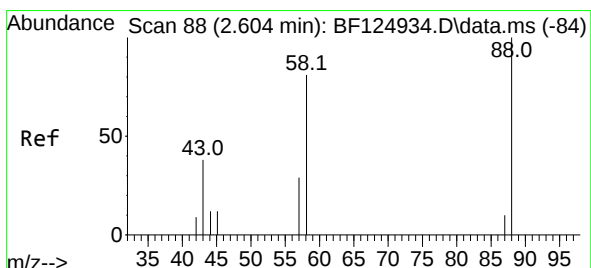
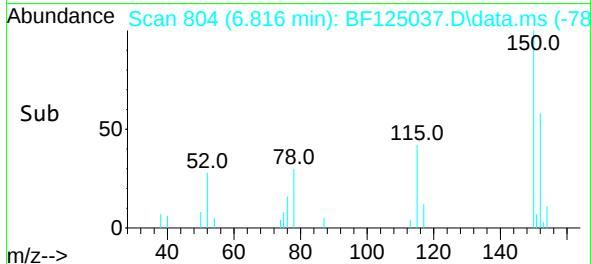
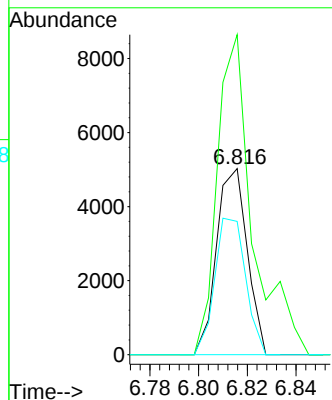
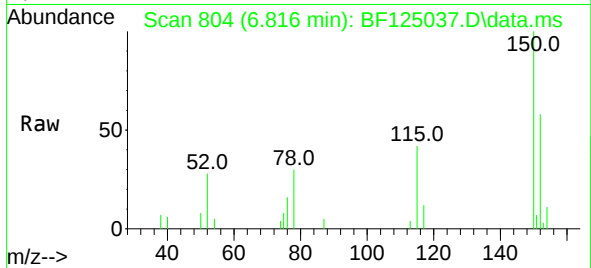




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.816 min Scan# 804  
 Delta R.T. -0.000 min  
 Lab File: BF125037.D  
 Acq: 10 Aug 2021 18:52

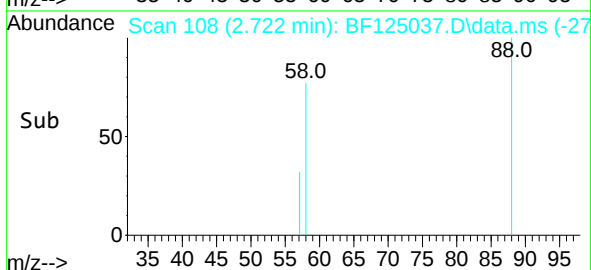
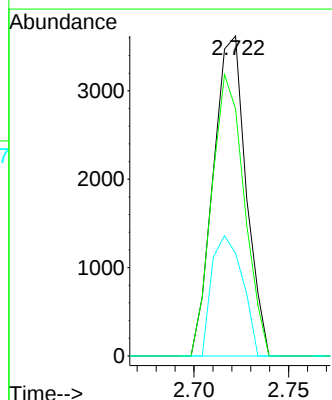
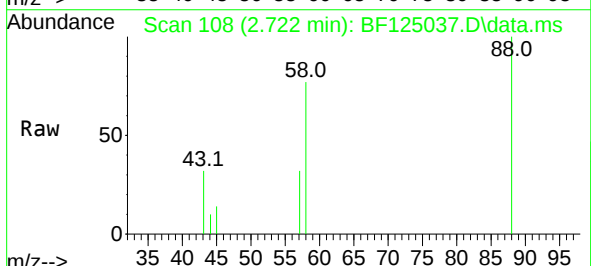
Instrument :  
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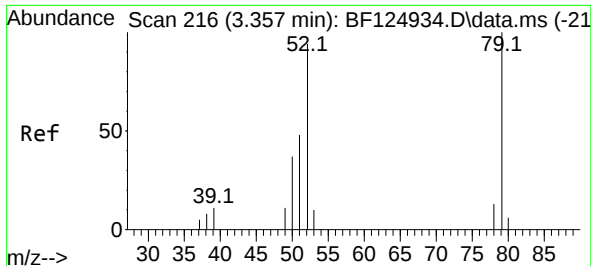
Tgt Ion:152 Resp: 4398  
 Ion Ratio Lower Upper  
 152 100  
 150 172.0 117.6 176.4  
 115 71.6 47.1 70.7#



#2  
 1,4-Dioxane  
 Concen: 43.338 ng  
 RT: 2.722 min Scan# 108  
 Delta R.T. 0.176 min  
 Lab File: BF125037.D  
 Acq: 10 Aug 2021 18:52

Tgt Ion: 88 Resp: 4353  
 Ion Ratio Lower Upper  
 88 100  
 58 87.3 0.0 0.0#  
 43 0.0 0.0 0.0

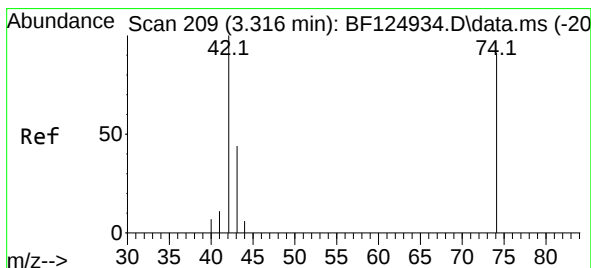
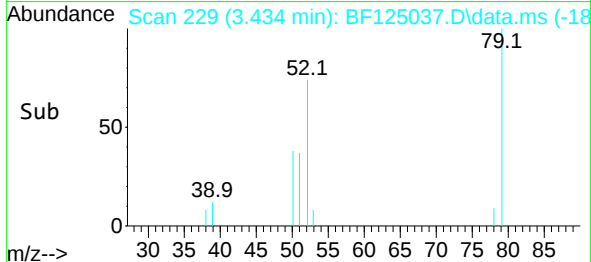
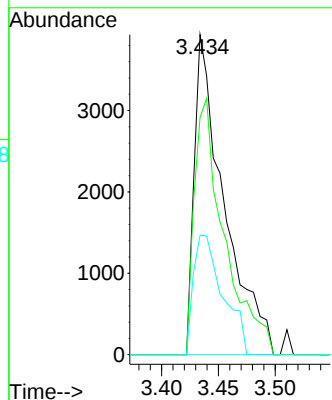
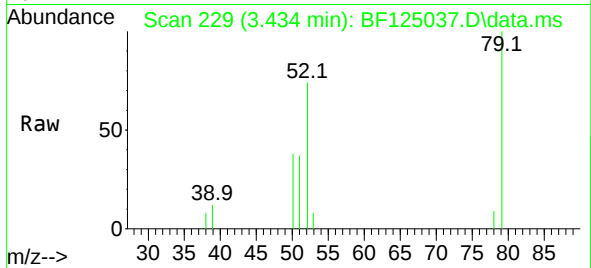




#3  
Pyridine  
Concen: 30.716 ng  
RT: 3.434 min Scan# 229  
Delta R.T. 0.141 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

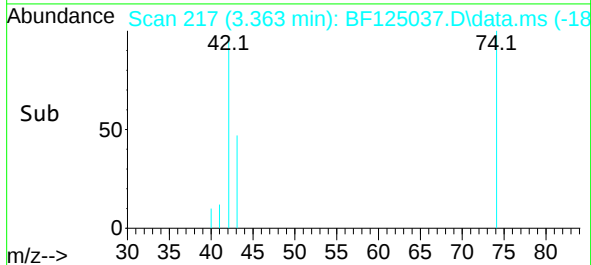
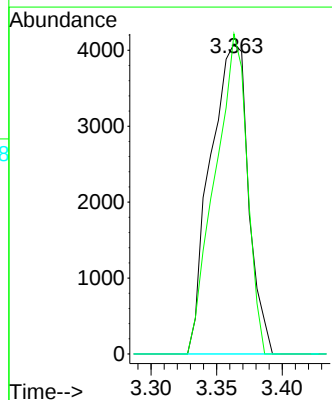
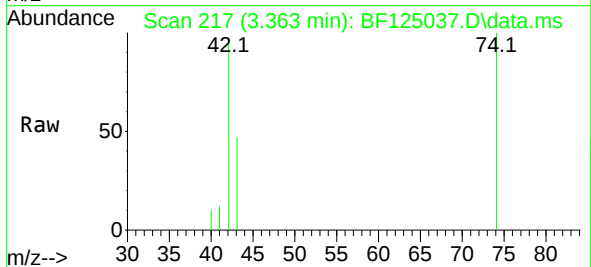
Instrument :  
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ClientSampleId :  
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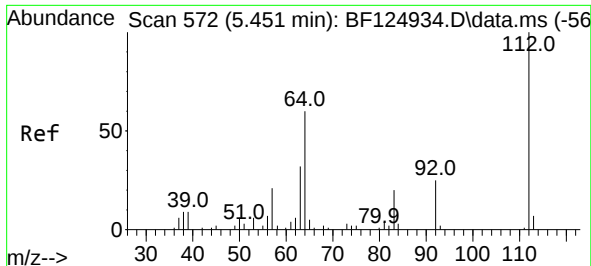
Tgt Ion: 79 Resp: 7169  
Ion Ratio Lower Upper  
79 100  
52 74.1 70.3 105.5  
51 37.4 44.1 66.1#



#4  
n-Nitrosodimethylamine  
Concen: 49.638 ng  
RT: 3.363 min Scan# 217  
Delta R.T. 0.112 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion: 42 Resp: 8227  
Ion Ratio Lower Upper  
42 100  
74 103.2 59.0 88.6#  
44 0.0 0.0 0.0

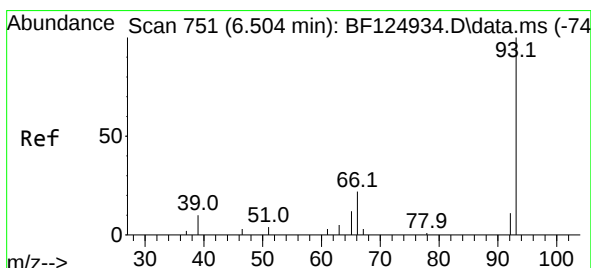
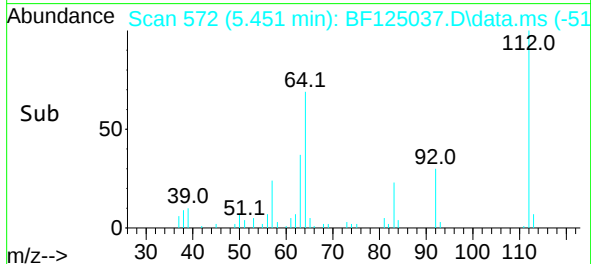
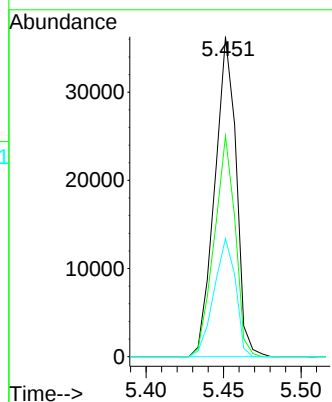
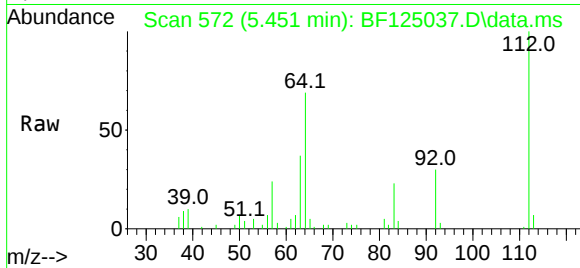




#5  
2-Fluorophenol  
Concen: 129.969 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.018 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

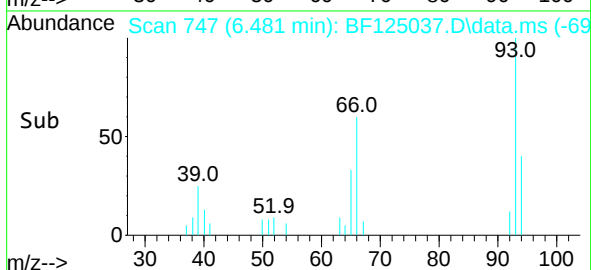
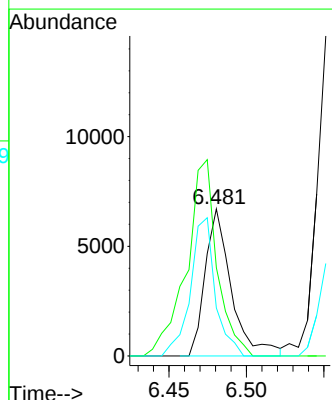
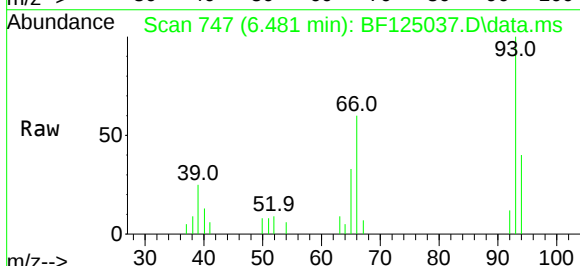
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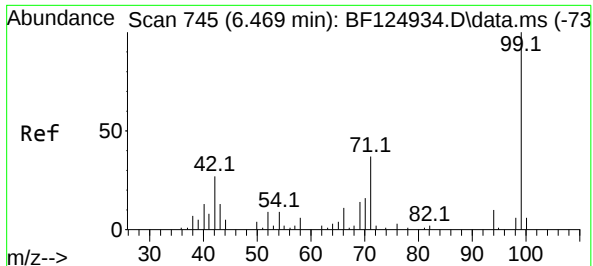
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Ion Ratio Lower Upper  
112 100  
64 68.9 44.2 66.2#  
63 37.0 26.2 39.2



#6  
Aniline  
Concen: 22.055 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion: 93 Resp: 7887  
Ion Ratio Lower Upper  
93 100  
66 60.1 32.7 49.1#  
65 32.6 14.2 21.4#

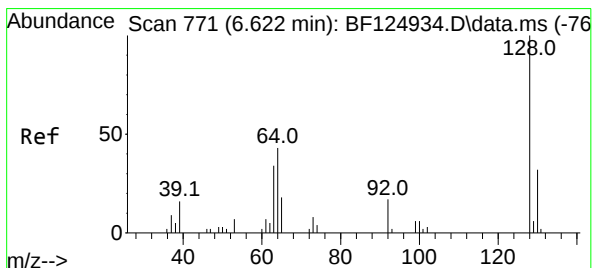
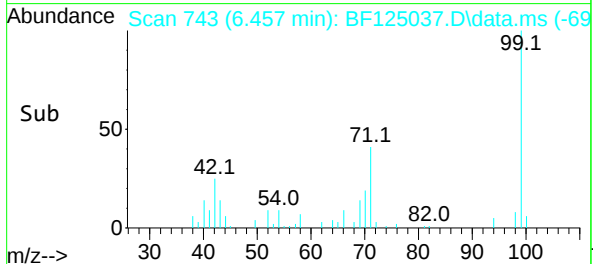
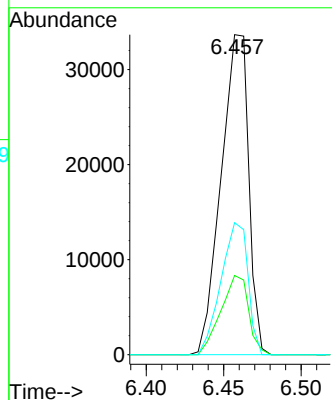
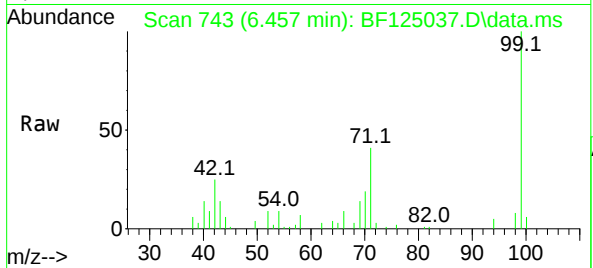




#7  
Phenol-d6  
Concen: 123.249 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

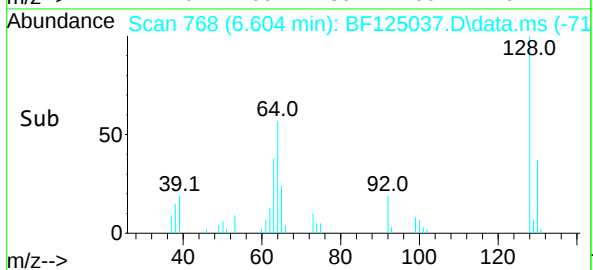
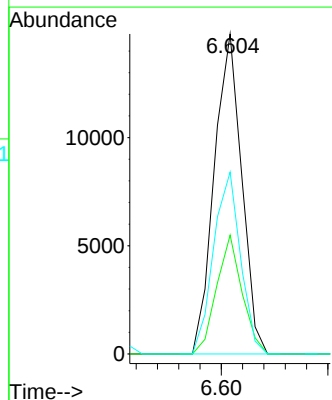
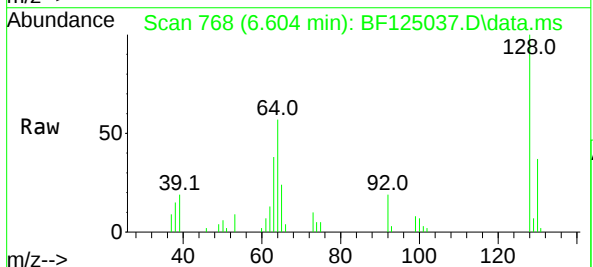
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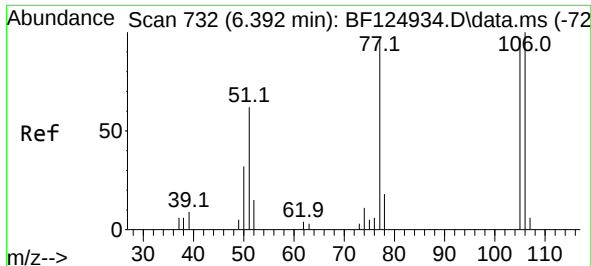
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Ion Ratio Lower Upper  
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42 24.8 23.5 35.3  
71 41.2 25.6 38.4#



#8  
2-Chlorophenol  
Concen: 44.835 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:128 Resp: 13204  
Ion Ratio Lower Upper  
128 100  
130 37.2 10.5 50.5  
64 56.9 20.3 60.3

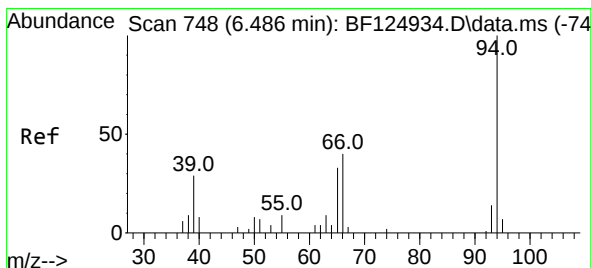
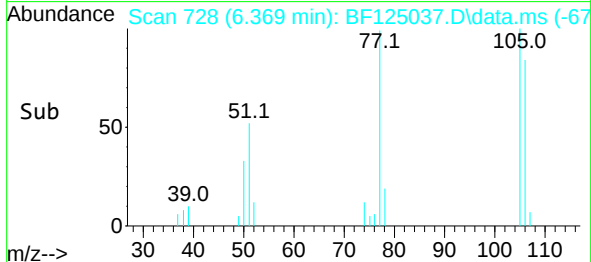
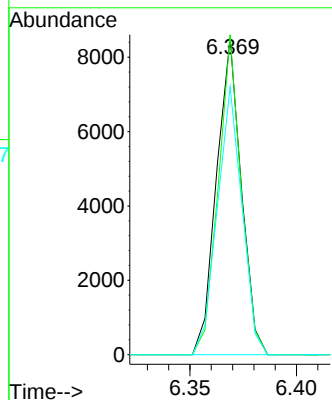
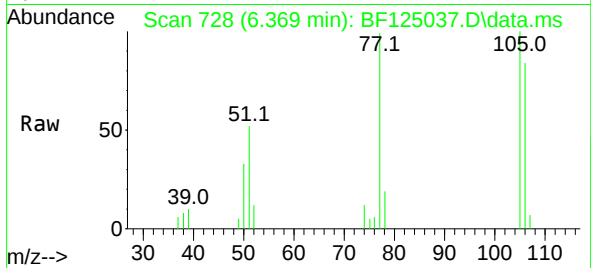




#9  
Benzaldehyde  
Concen: 37.246 ng  
RT: 6.369 min Scan# 728  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

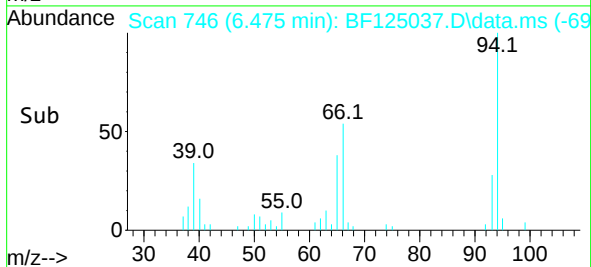
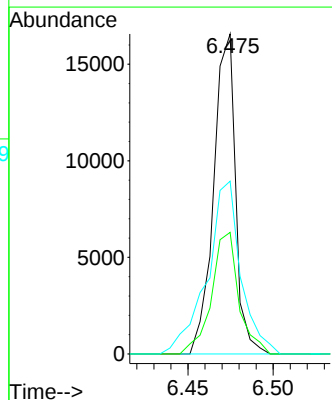
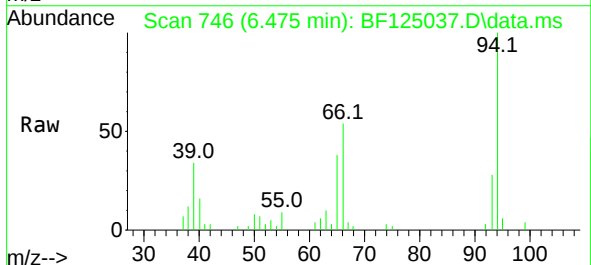
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

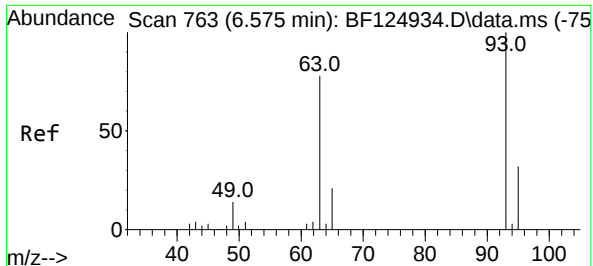
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 6860  |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 100.9   | 75.9 115.9  |
| 106 84.5    | 84.0 124.0  |



#10  
Phenol  
Concen: 42.347 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

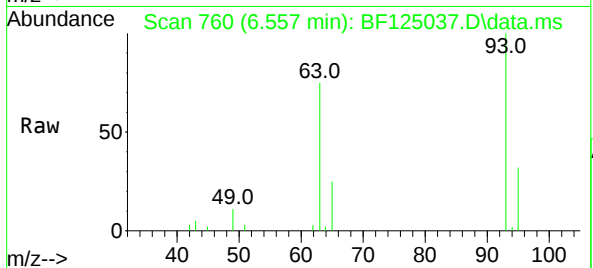
|             |             |
|-------------|-------------|
| Tgt Ion: 94 | Resp: 14792 |
| Ion Ratio   | Lower Upper |
| 94 100      |             |
| 65 38.0     | 9.3 49.3    |
| 66 54.0     | 20.3 60.3   |



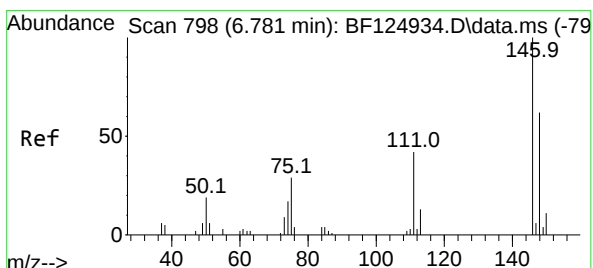
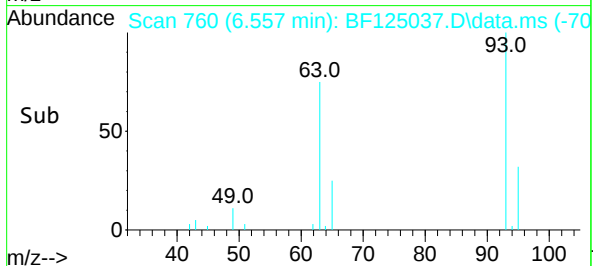
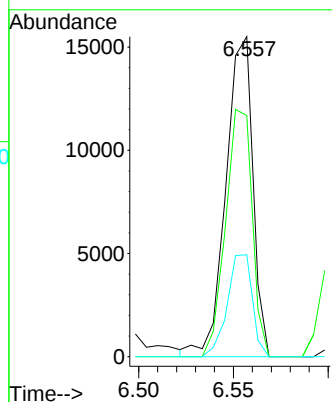


#11  
bis(2-Chloroethyl)ether  
Concen: 58.662 ng  
RT: 6.557 min Scan# 760  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

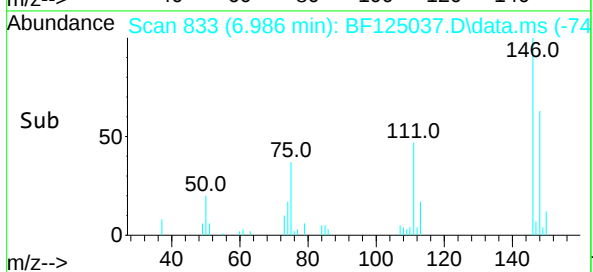
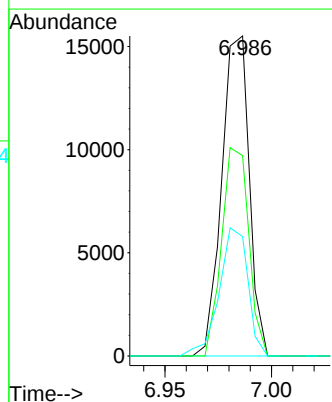
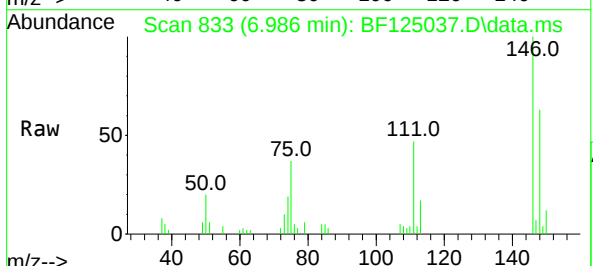


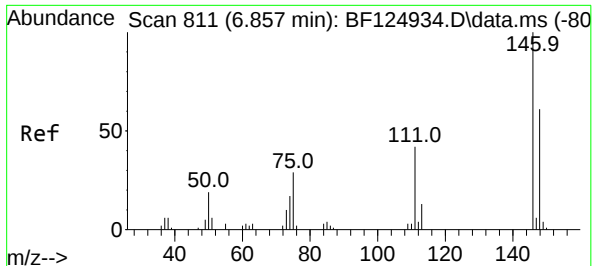
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 15372 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 75.3     | 54.4 94.4   |
| 95 31.9     | 11.4 51.4   |



#12  
1,3-Dichlorobenzene  
Concen: 43.492 ng  
RT: 6.986 min Scan# 833  
Delta R.T. 0.229 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

|             |             |
|-------------|-------------|
| Tgt Ion:146 | Resp: 13941 |
| Ion Ratio   | Lower Upper |
| 146 100     |             |
| 148 62.6    | 49.7 74.5   |
| 75 37.3     | 25.2 37.8   |

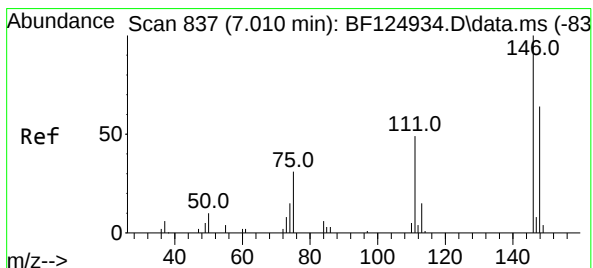
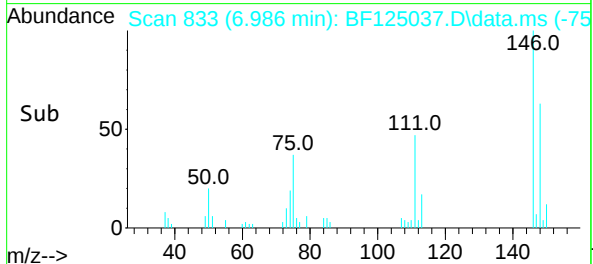
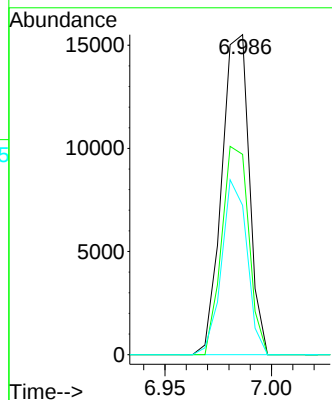
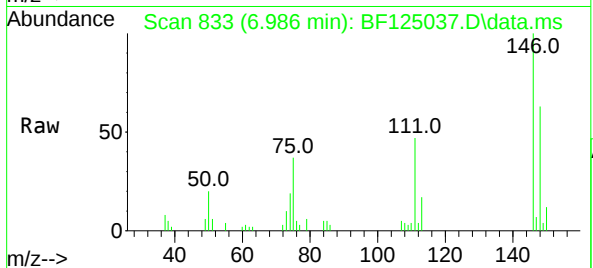




#13  
1,4-Dichlorobenzene  
Concen: 43.506 ng  
RT: 6.986 min Scan# 833  
Delta R.T. 0.153 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

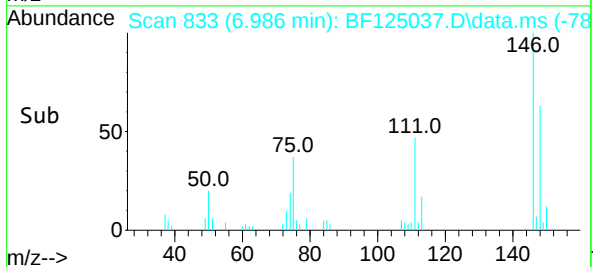
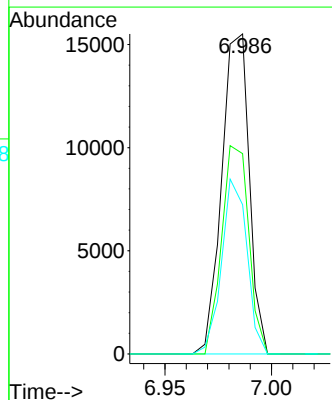
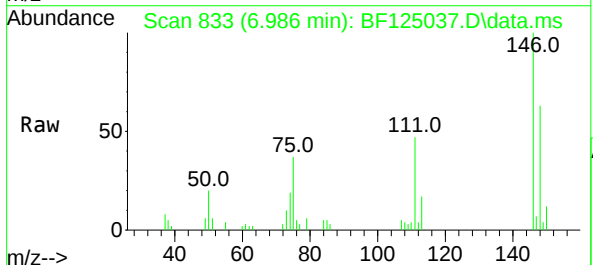
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

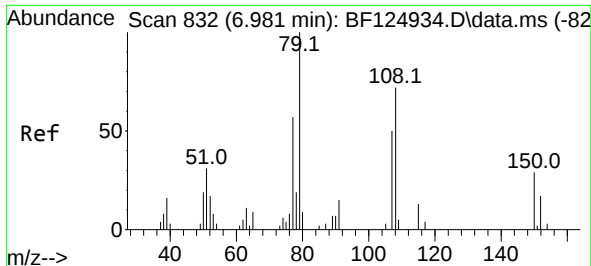
Tgt Ion:146 Resp: 13941  
Ion Ratio Lower Upper  
146 100  
148 62.6 51.9 77.9  
111 46.7 31.8 47.6



#14  
1,2-Dichlorobenzene  
Concen: 46.424 ng  
RT: 6.986 min Scan# 833  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:146 Resp: 13941  
Ion Ratio Lower Upper  
146 100  
148 62.6 50.6 75.8  
111 46.7 33.5 50.3

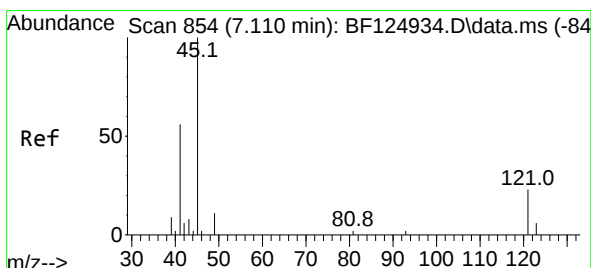
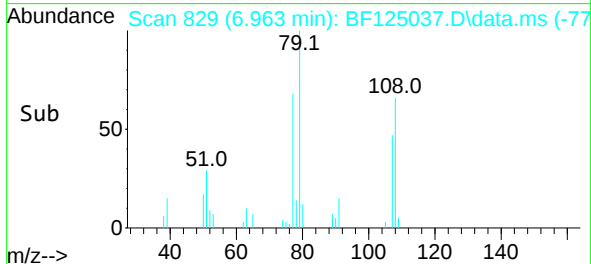
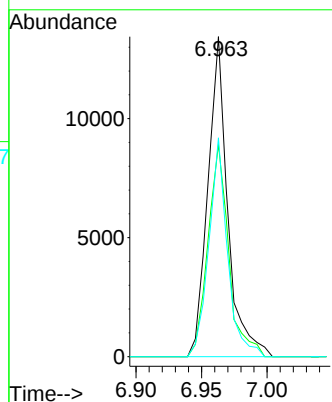
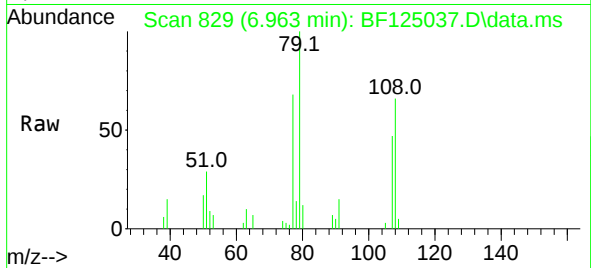




#15  
Benzyl Alcohol  
Concen: 57.987 ng  
RT: 6.963 min Scan# 829  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

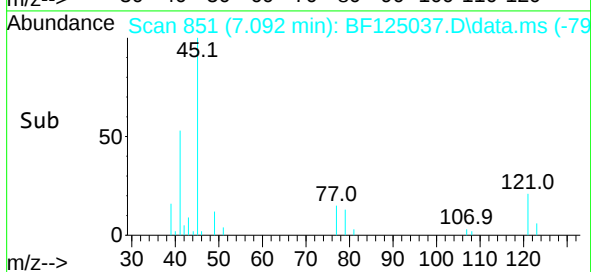
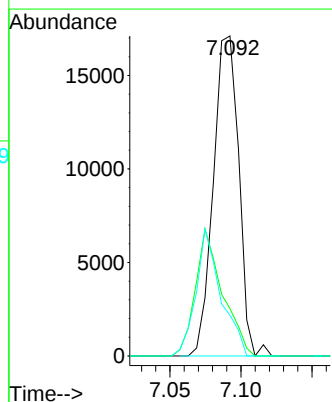
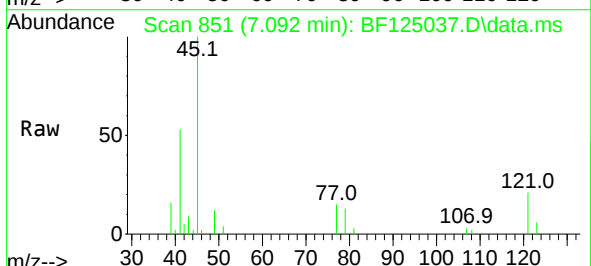
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

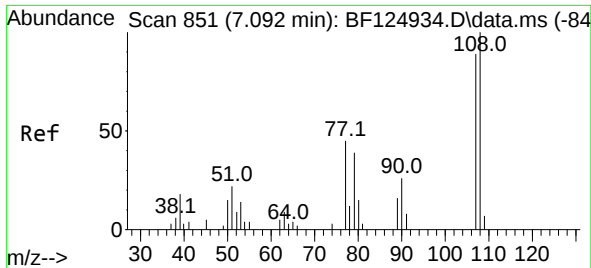
Tgt Ion: 79 Resp: 14160  
Ion Ratio Lower Upper  
79 100  
108 66.3 60.4 90.6  
77 68.4 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 50.731 ng  
RT: 7.092 min Scan# 851  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion: 45 Resp: 21298  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 30.6  
79 12.7 0.0 27.5

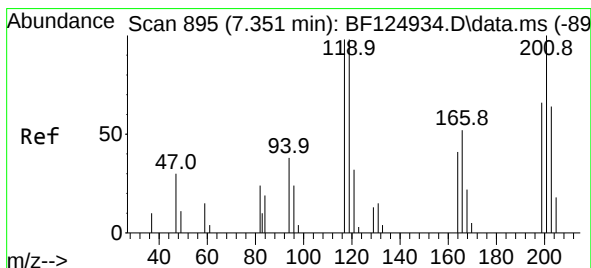
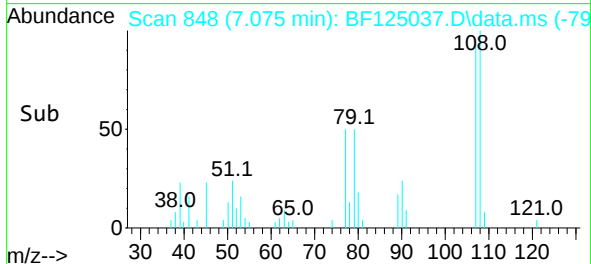
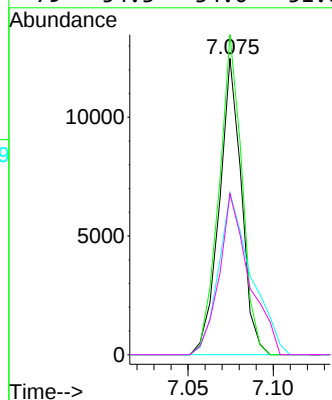
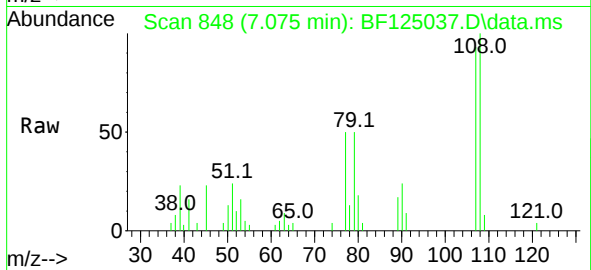




#17  
2-Methylphenol  
Concen: 51.069 ng  
RT: 7.075 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

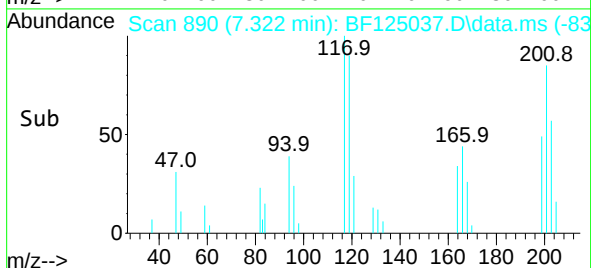
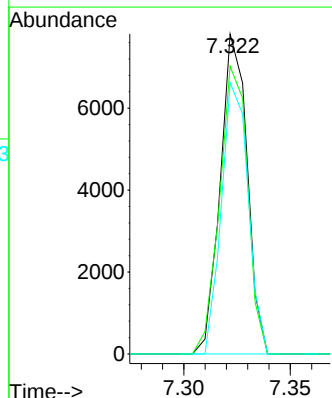
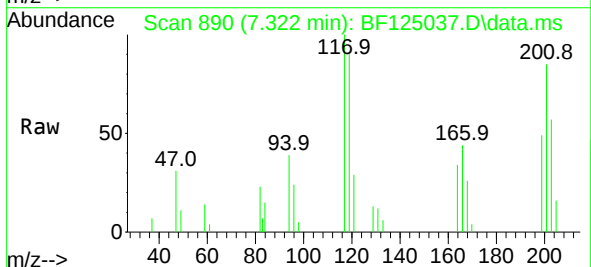
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

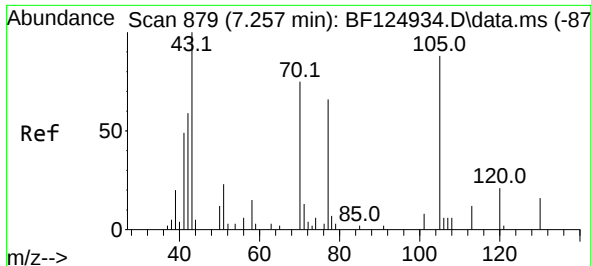
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 11258 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.0 | 90.6  | 135.8 |
| 77       | 54.5  | 35.7  | 53.5# |
| 79       | 54.3  | 34.0  | 51.0# |



#18  
Hexachloroethane  
Concen: 54.673 ng  
RT: 7.322 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 6859  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.9  | 73.4  | 110.2 |
| 201      | 84.8  | 64.9  | 97.3  |



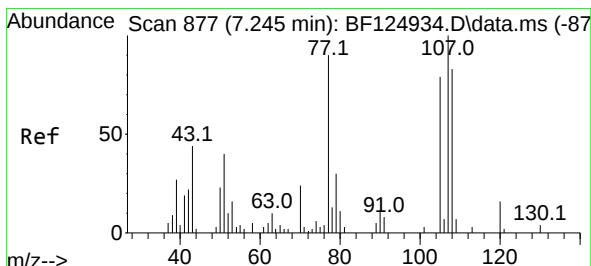
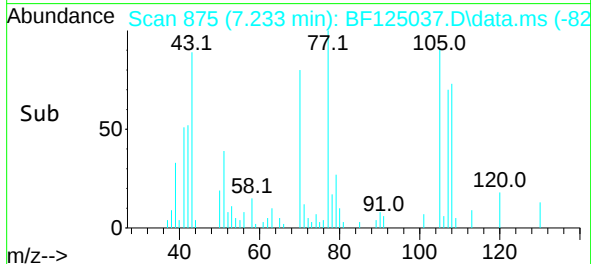
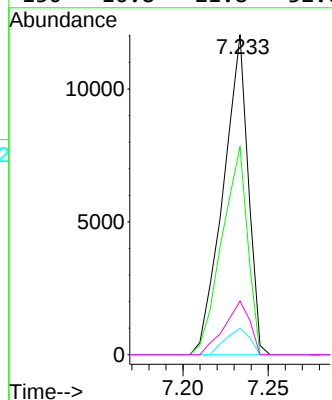
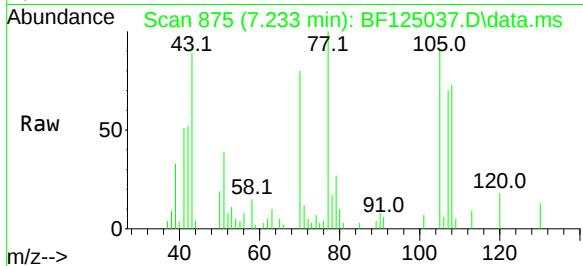


#19  
n-Nitroso-di-n-propylamine  
Concen: 60.910 ng  
RT: 7.233 min Scan# 875  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

Tgt Ion: 70 Resp: 12235

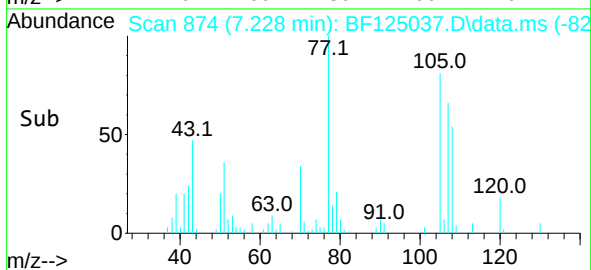
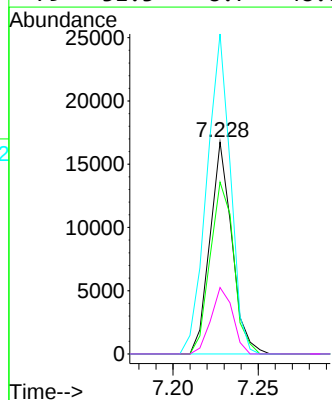
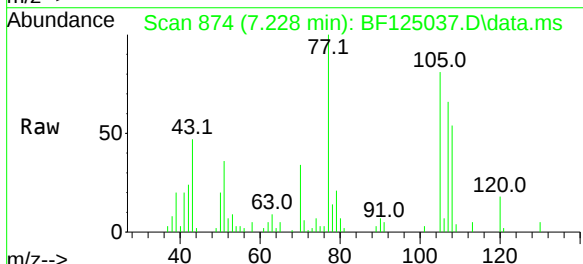
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 70  | 100   |       |        |
| 42  | 64.9  | 72.2  | 108.2# |
| 101 | 8.2   | 7.8   | 11.8   |
| 130 | 16.8  | 21.8  | 32.6#  |

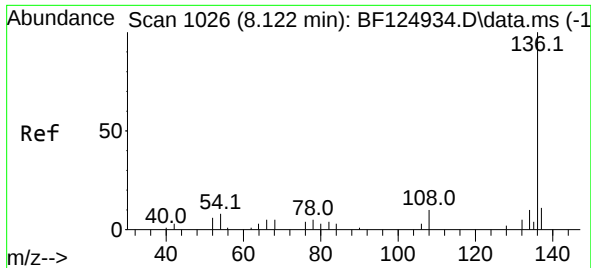


#20  
3+4-Methylphenols  
Concen: 51.367 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion: 107 Resp: 15032

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 81.1  | 76.6  | 116.6 |
| 77  | 151.0 | 53.3  | 93.3# |
| 79  | 31.3  | 8.7   | 48.7  |

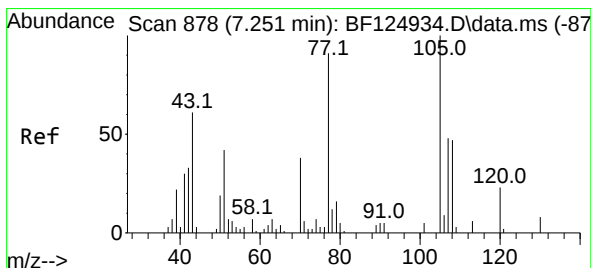
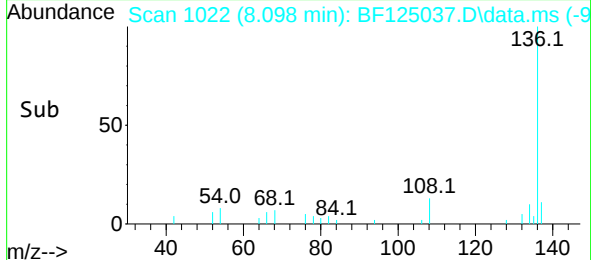
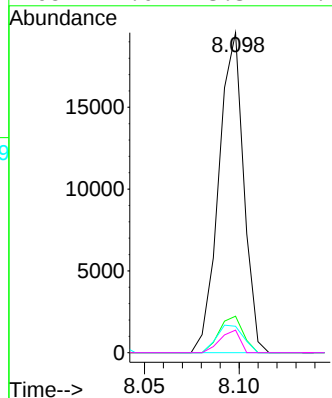
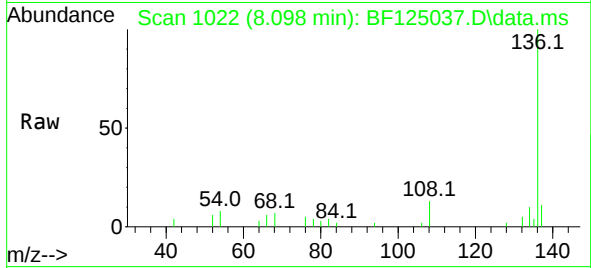




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

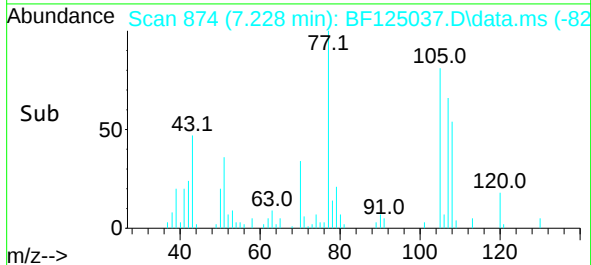
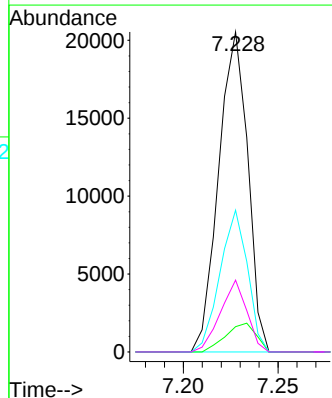
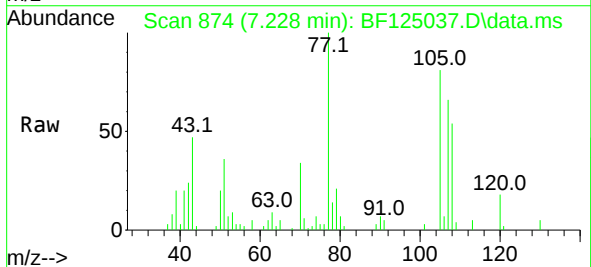
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

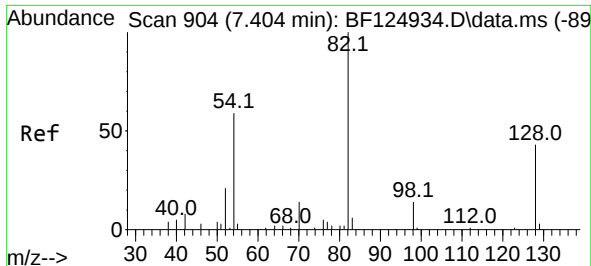
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 17853    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.4  | 9.8 14.6 |
| 54          | 8.2   | 6.4 9.6  |
| 68          | 7.0   | 3.3 4.9# |



#22  
Acetophenone  
Concen: 50.090 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 21901      |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 7.9   | 5.5 8.3    |
| 51          | 44.3  | 26.0 39.0# |
| 120         | 22.4  | 18.5 27.7  |





#23

Nitrobenzene-d5

Concen: 102.375 ng

RT: 7.380 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

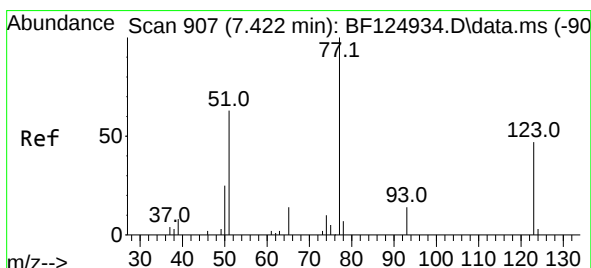
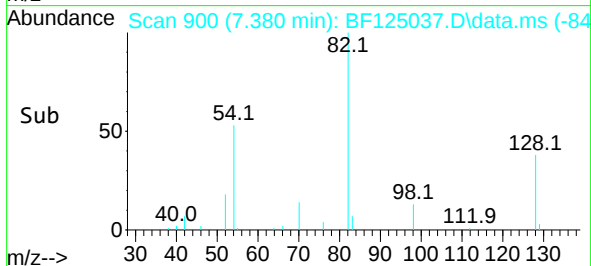
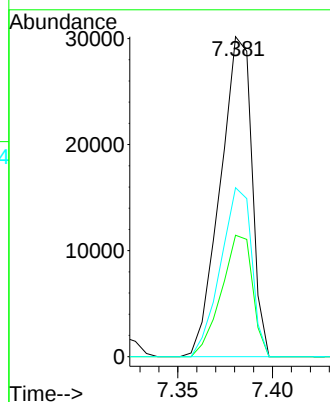
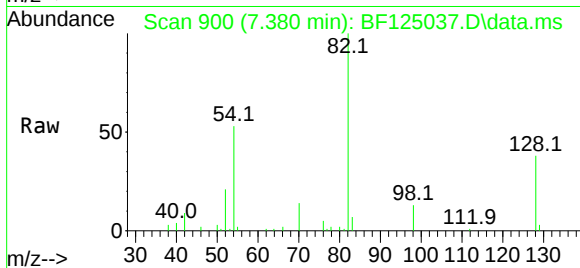
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 34938 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 38.0  | 40.6  | 60.8# |
| 54        | 52.8  | 49.6  | 74.4  |

Instrument :

BNA\_F

ClientSampleId :

72-11930MS



#24

Nitrobenzene

Concen: 52.291 ng

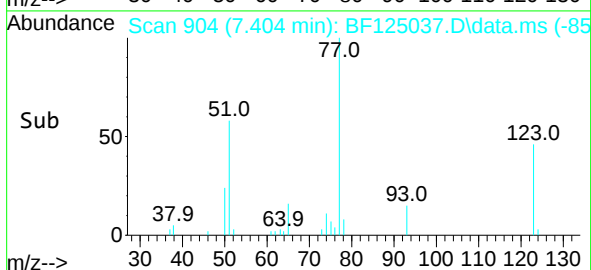
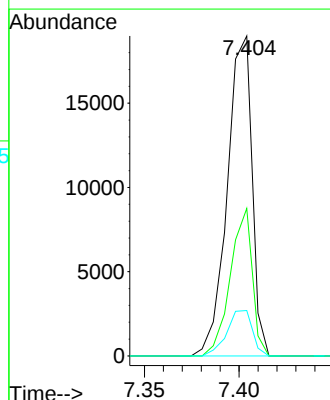
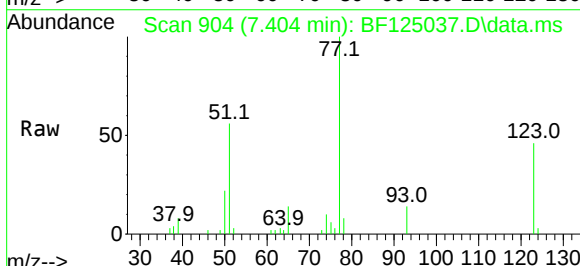
RT: 7.404 min Scan# 904

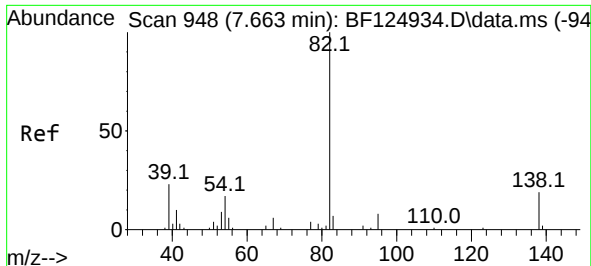
Delta R.T. 0.006 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 17268 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 46.1  | 42.3  | 63.5  |
| 65        | 14.2  | 12.4  | 18.6  |

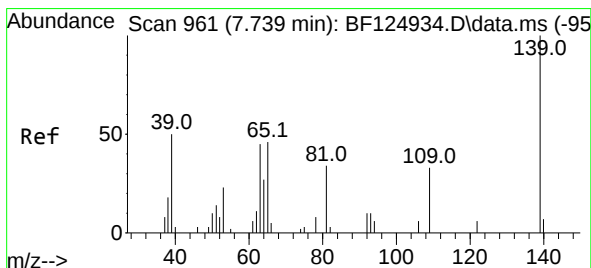
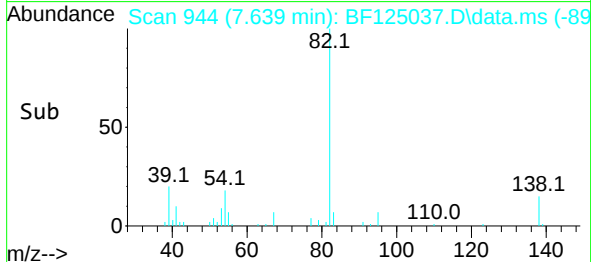
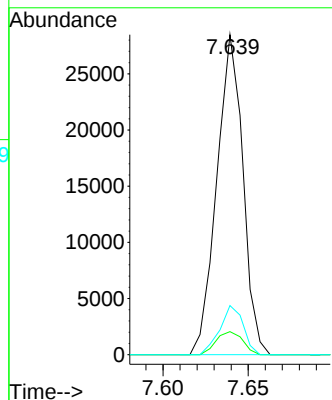
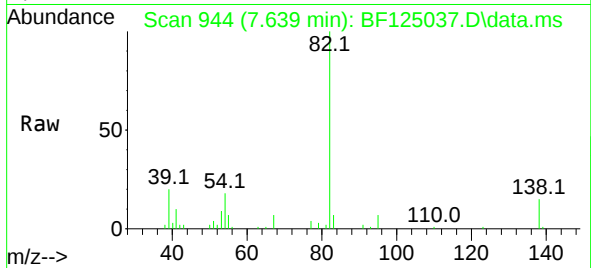




#25  
Isophorone  
Concen: 52.131 ng  
RT: 7.639 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

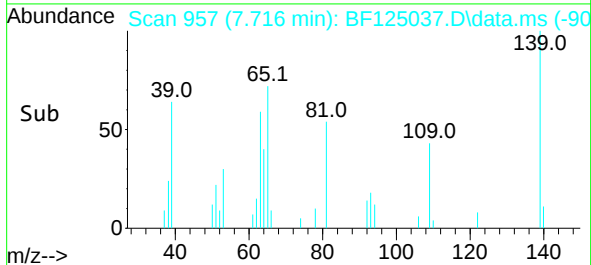
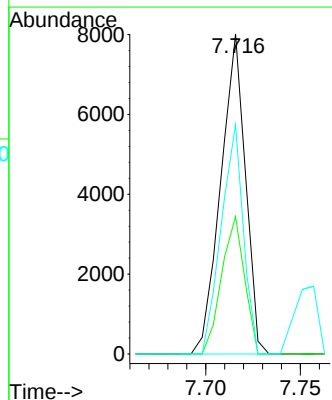
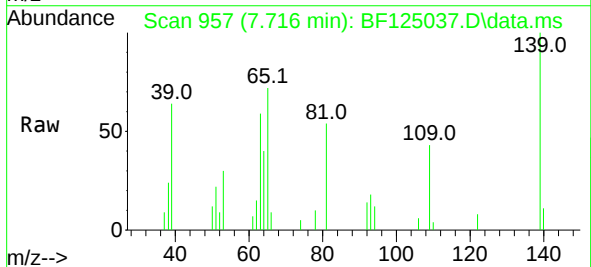
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

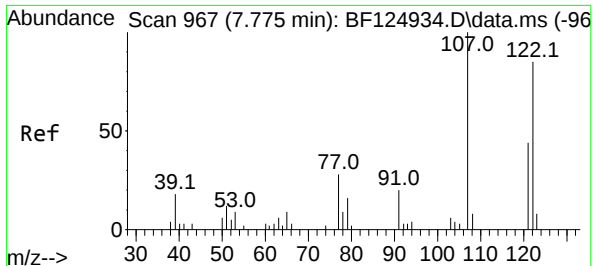
Tgt Ion: 82 Resp: 30365  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.5 9.7  
138 15.3 18.4 27.6#



#26  
2-Nitrophenol  
Concen: 43.234 ng  
RT: 7.716 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion: 139 Resp: 7250  
Ion Ratio Lower Upper  
139 100  
109 42.9 26.0 39.0#  
65 71.7 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 52.975 ng

RT: 7.757 min Scan# 964

Delta R.T. 0.006 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

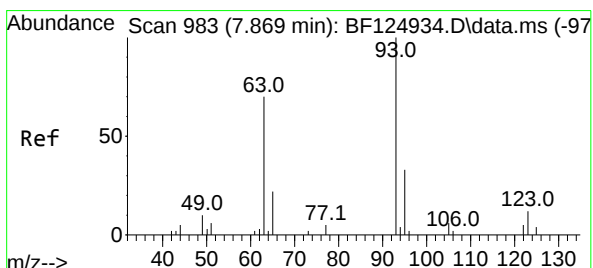
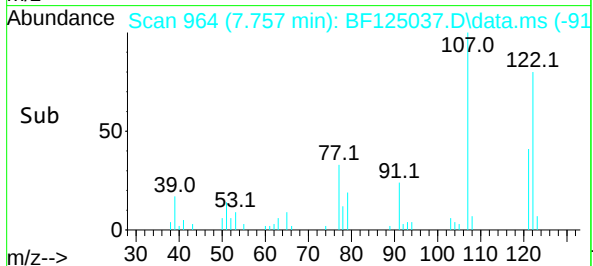
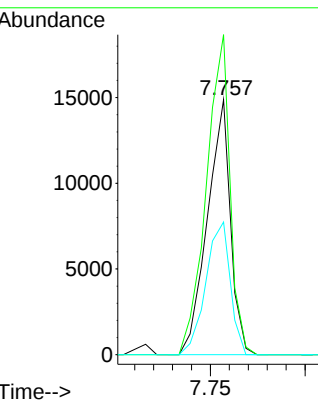
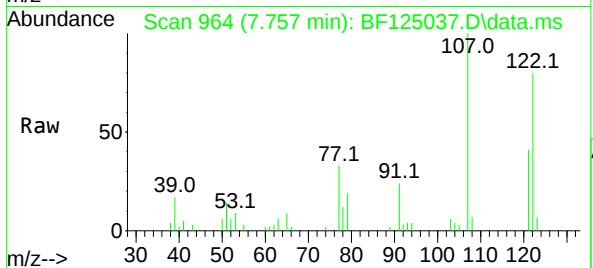
Tgt Ion:122 Resp: 12593

Ion Ratio Lower Upper

122 100

107 125.5 85.0 127.6

121 52.0 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 55.863 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

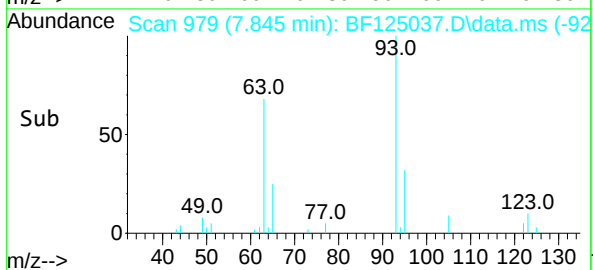
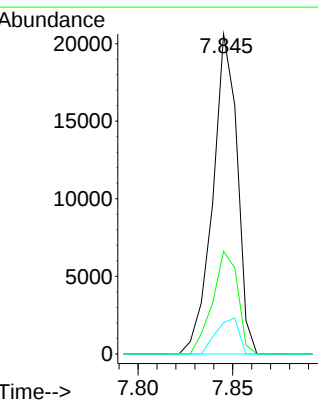
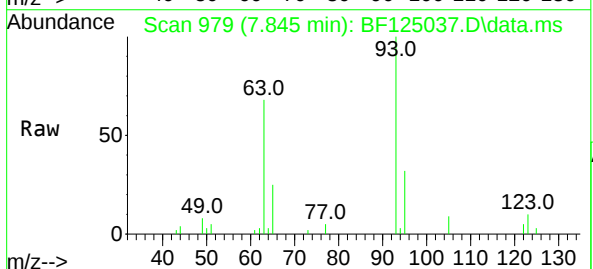
Tgt Ion: 93 Resp: 18519

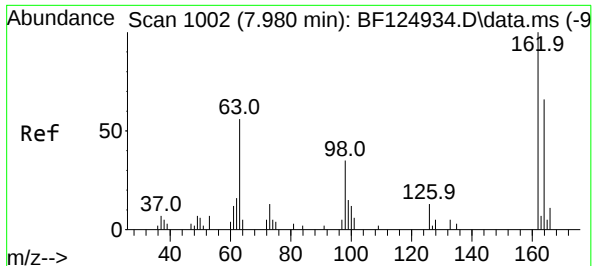
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 9.8 11.7 17.5#

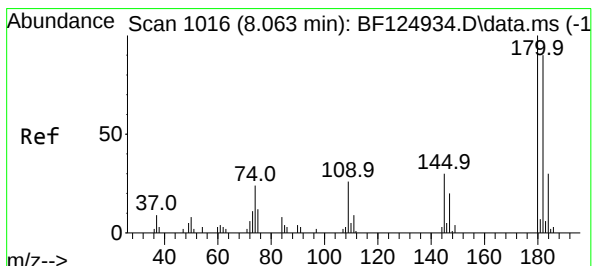
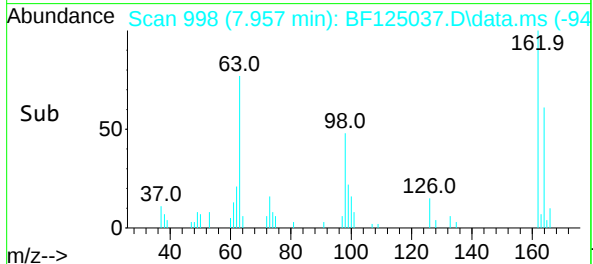
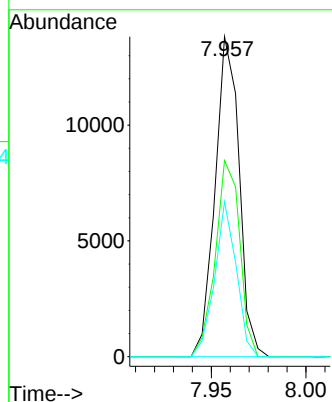
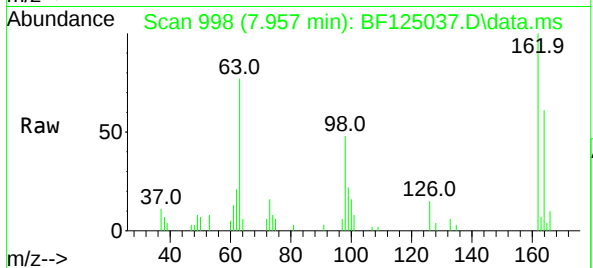




#29  
2,4-Dichlorophenol  
Concen: 46.042 ng  
RT: 7.957 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

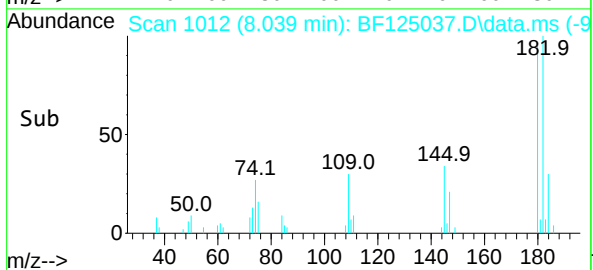
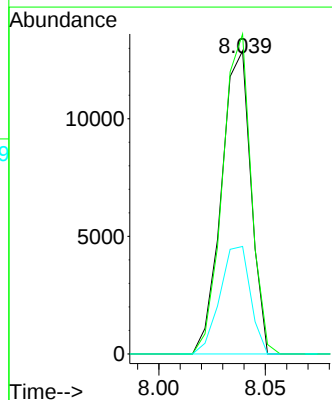
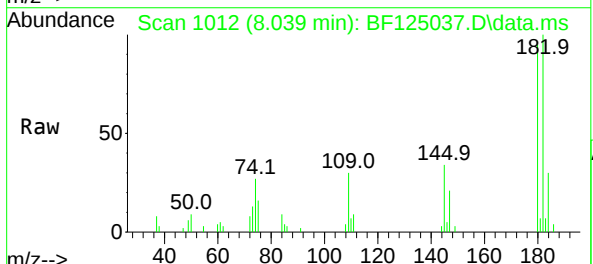
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

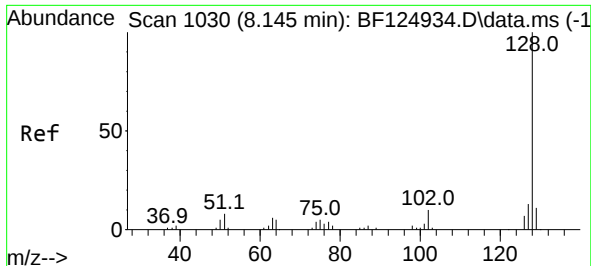
Tgt Ion:162 Resp: 12194  
Ion Ratio Lower Upper  
162 100  
164 61.3 44.5 84.5  
98 48.4 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 41.769 ng  
RT: 8.039 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

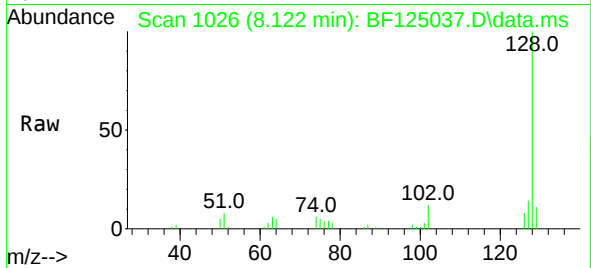
Tgt Ion:180 Resp: 12397  
Ion Ratio Lower Upper  
180 100  
182 105.6 76.8 115.2  
145 35.5 26.7 40.1



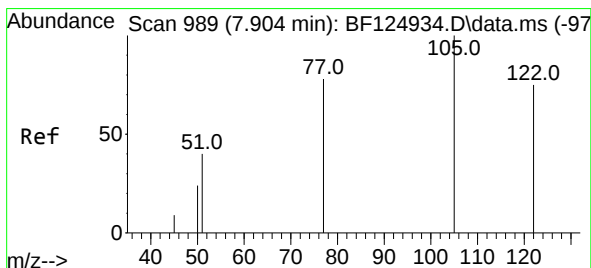
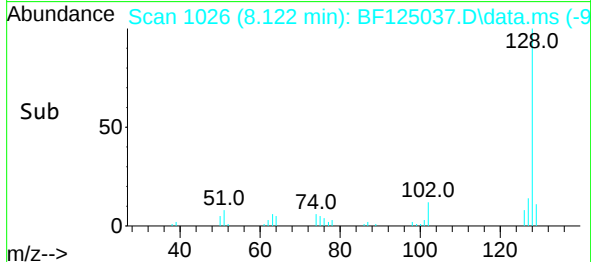
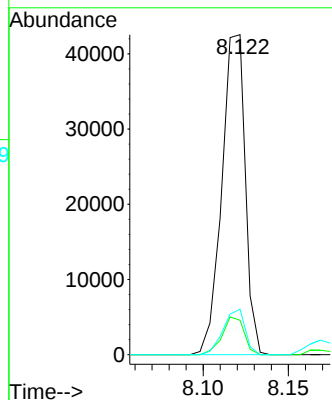


#31  
Naphthalene  
Concen: 44.452 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

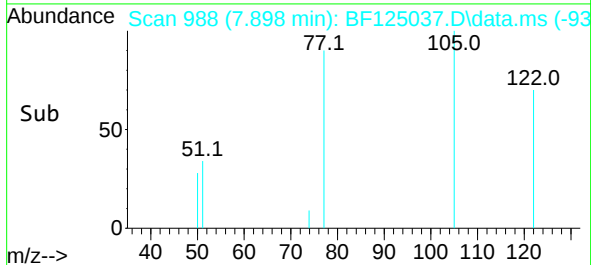
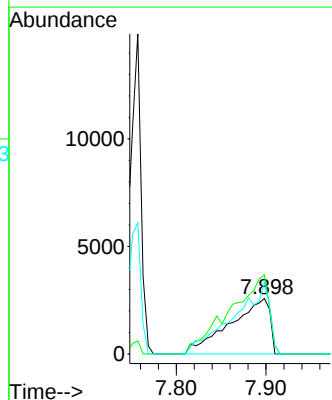
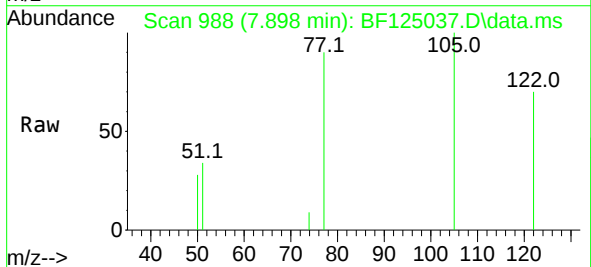


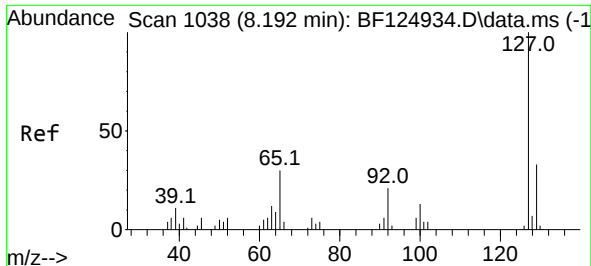
Tgt Ion:128 Resp: 40774  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.4 14.0  
127 14.2 10.9 16.3



#32  
Benzoic acid  
Concen: 55.037 ng  
RT: 7.898 min Scan# 988  
Delta R.T. 0.012 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

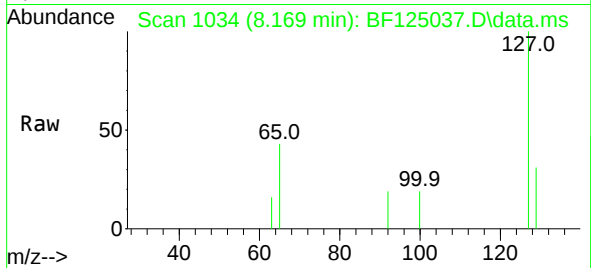
Tgt Ion:122 Resp: 7936  
Ion Ratio Lower Upper  
122 100  
105 142.6 97.6 137.6#  
77 128.8 59.6 99.6#



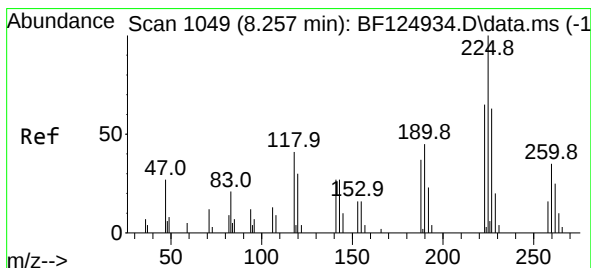
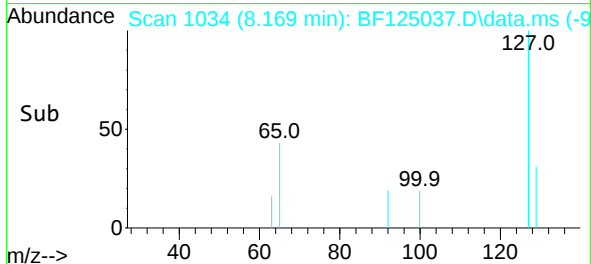
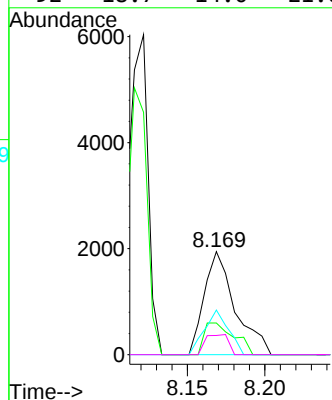


#33  
4-Chloroaniline  
Concen: 7.902 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

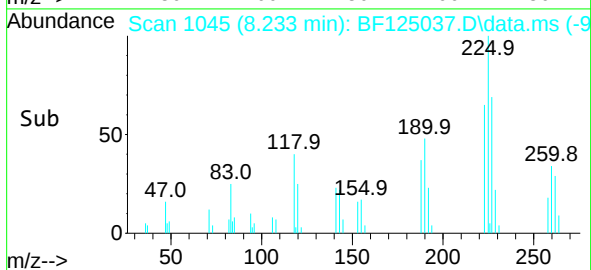
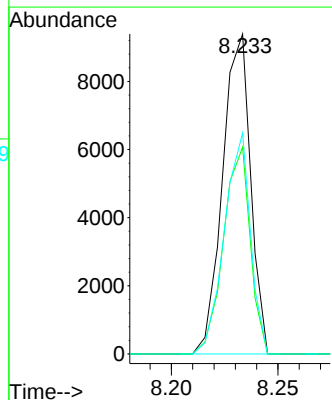
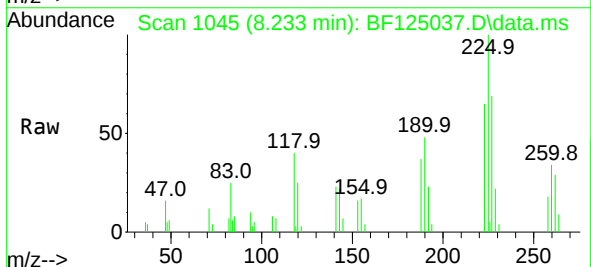


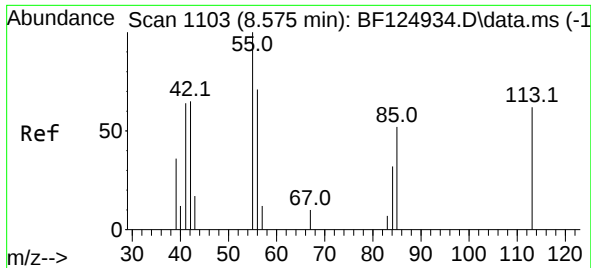
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.7  | 25.7  | 38.5  |
| 65      | 43.4  | 21.2  | 31.8# |
| 92      | 18.7  | 14.0  | 21.0  |



#34  
Hexachlorobutadiene  
Concen: 48.250 ng  
RT: 8.233 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.6  | 50.6  | 76.0  |
| 227     | 69.0  | 50.6  | 75.8  |

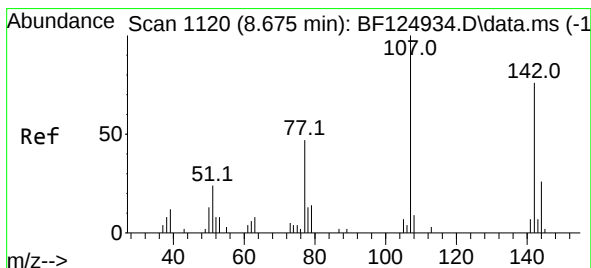
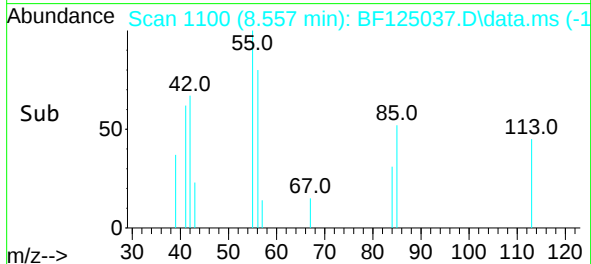
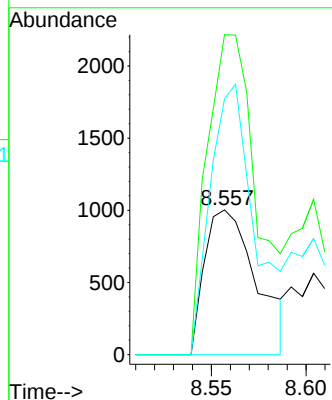
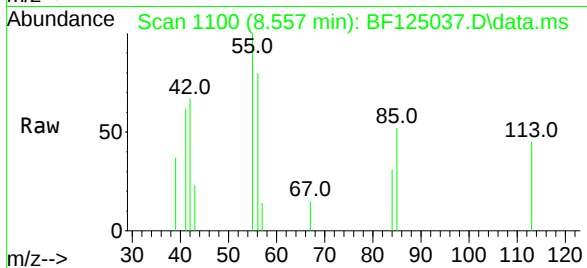




#35  
Caprolactam  
Concen: 27.002 ng  
RT: 8.557 min Scan# 1100  
Delta R.T. 0.012 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

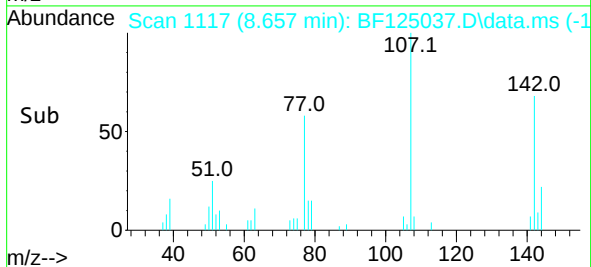
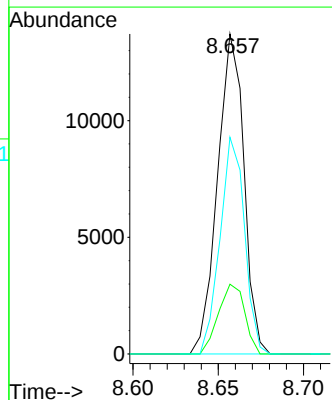
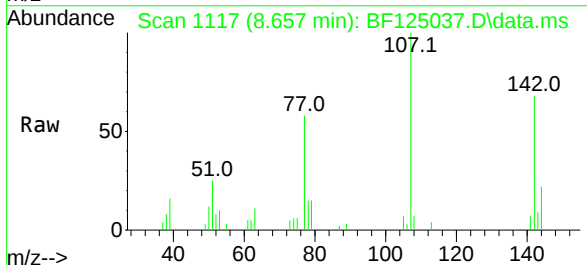
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

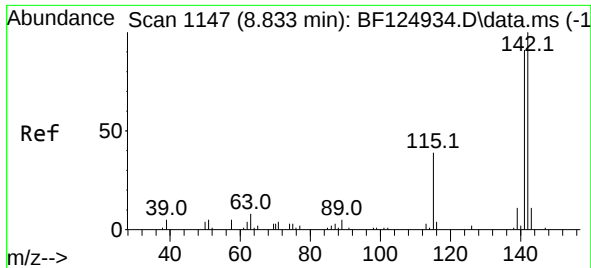
Tgt Ion:113 Resp: 1899  
Ion Ratio Lower Upper  
113 100  
55 221.0 154.1 194.1#  
56 176.7 108.7 148.7#



#36  
4-Chloro-3-methylphenol  
Concen: 53.278 ng  
RT: 8.657 min Scan# 1117  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:107 Resp: 14760  
Ion Ratio Lower Upper  
107 100  
144 21.8 21.9 32.9#  
142 67.7 67.1 100.7

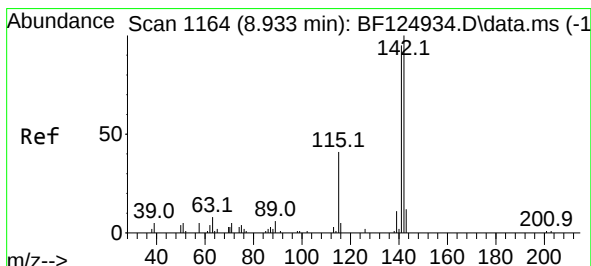
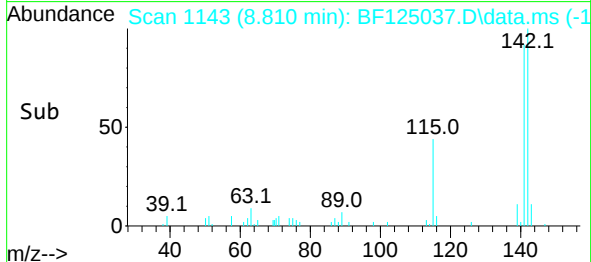
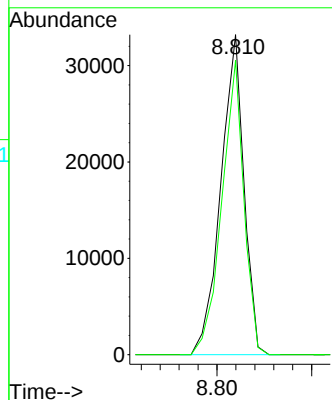
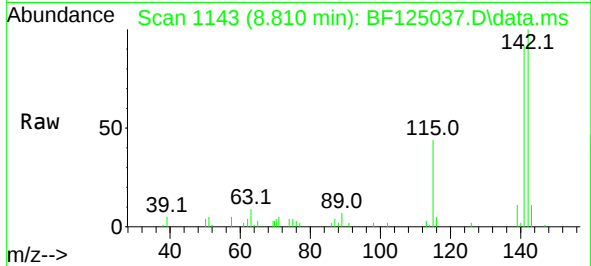




#37  
2-Methylnaphthalene  
Concen: 45.666 ng  
RT: 8.810 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

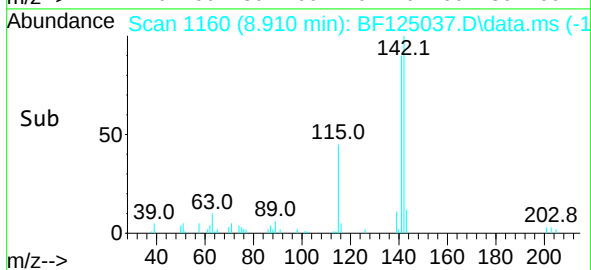
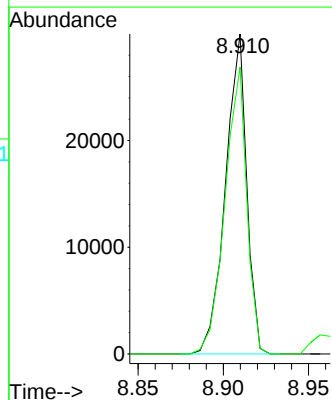
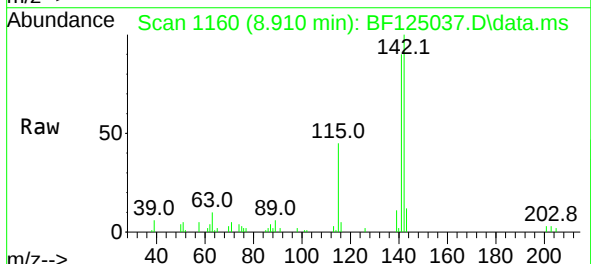
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

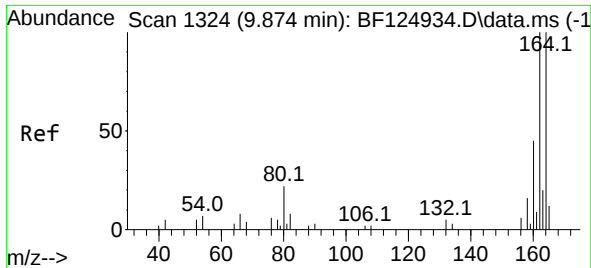
Tgt Ion:142 Resp: 28163  
Ion Ratio Lower Upper  
142 100  
141 92.0 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 45.009 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:142 Resp: 25973  
Ion Ratio Lower Upper  
142 100  
141 89.7 76.0 114.0

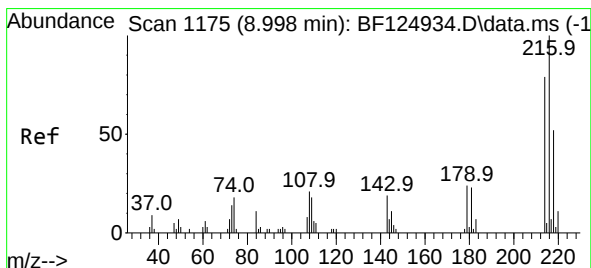
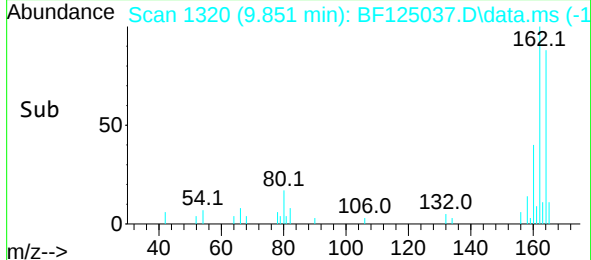
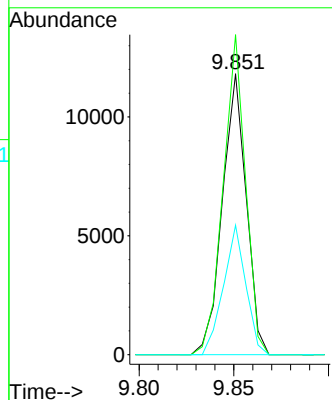
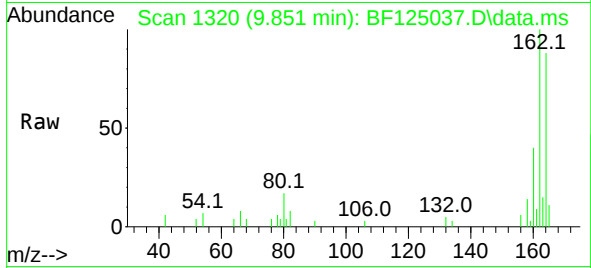




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

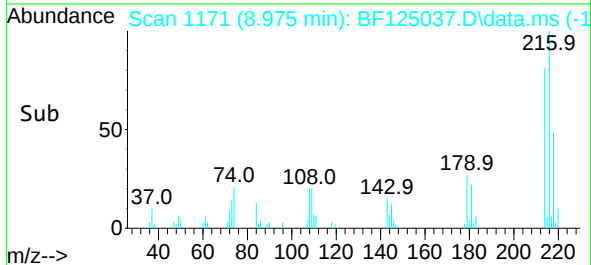
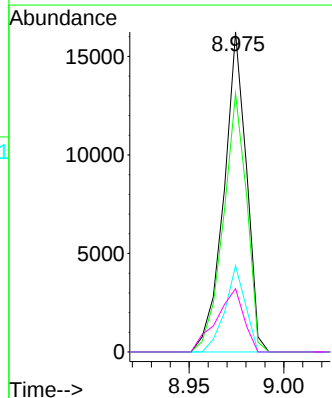
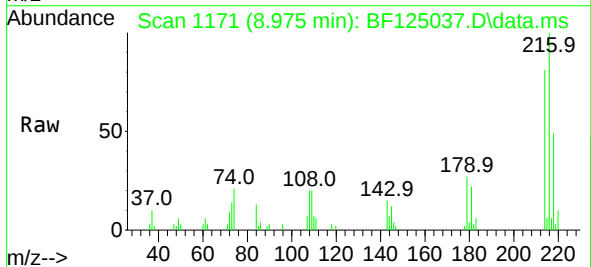
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

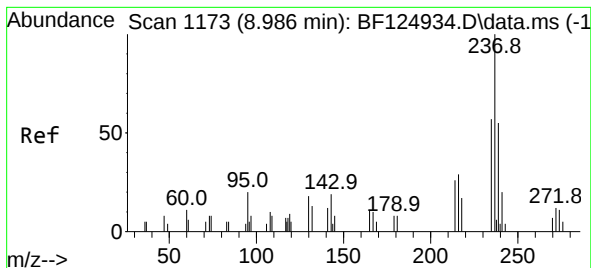
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 10336      |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 113.9 | 81.3 121.9 |
| 160         | 46.1  | 38.0 57.0  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.302 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:216 | Resp: | 13440     |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 83.2  | 64.9 97.3 |
| 179         | 24.2  | 17.4 26.2 |
| 108         | 23.9  | 16.5 24.7 |



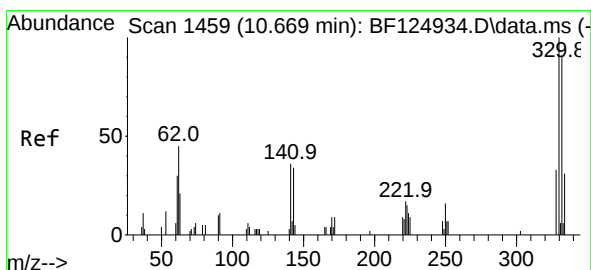
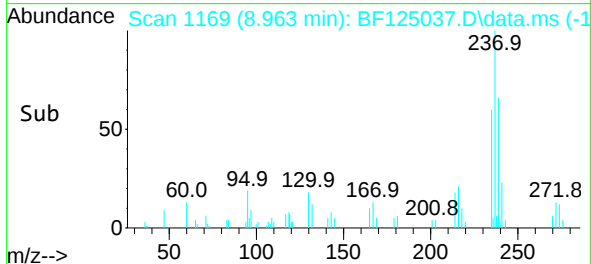
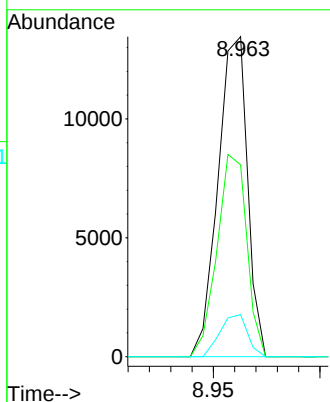
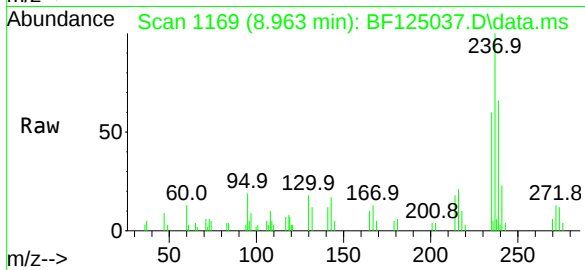


#41

Hexachlorocyclopentadiene  
Concen: 112.138 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

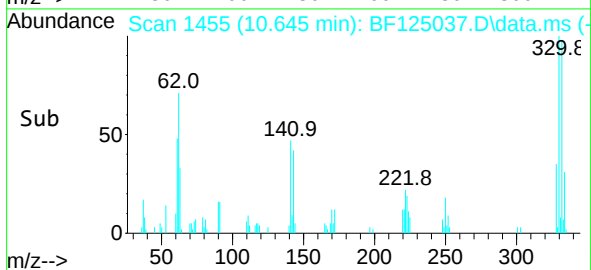
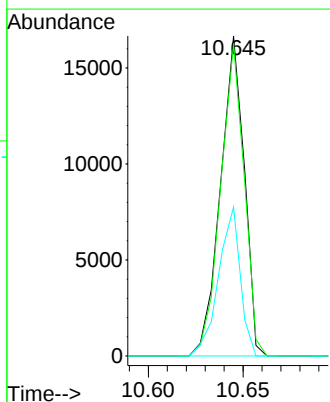
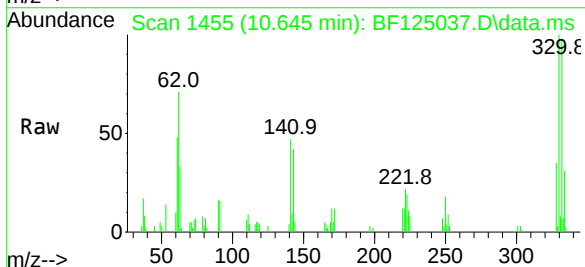
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 12922     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 59.9  | 44.7 84.7 |
| 272         | 13.1  | 0.0 31.6  |

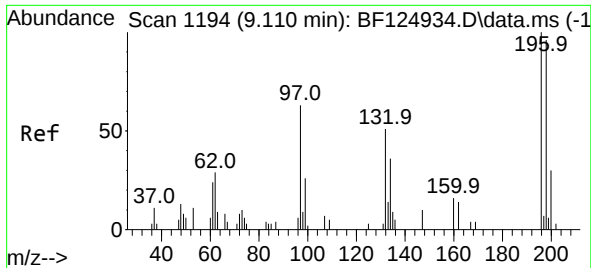


#42

2,4,6-Tribromophenol  
Concen: 157.091 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

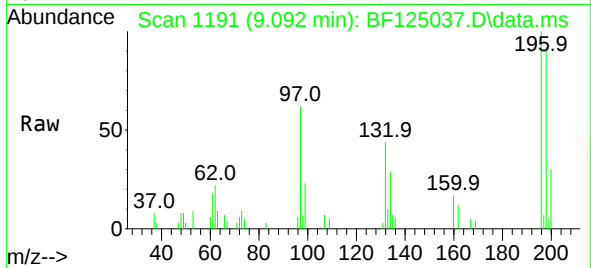
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 14506      |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 96.9  | 76.2 114.4 |
| 141         | 42.7  | 44.6 66.8# |



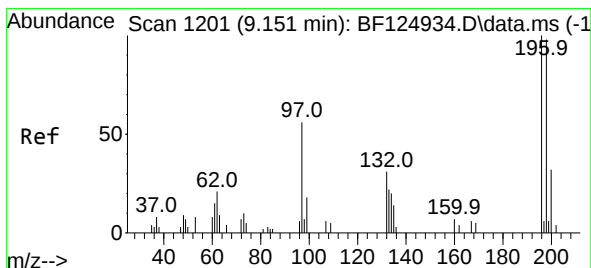
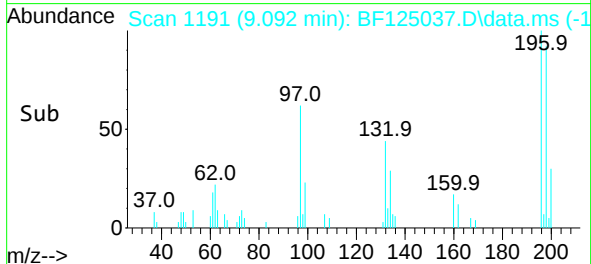
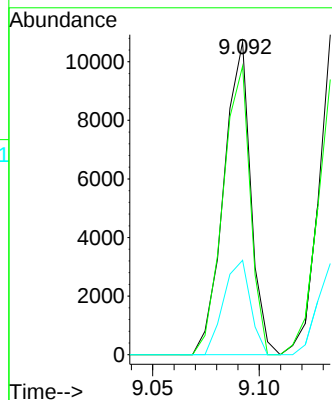


#43  
2,4,6-Trichlorophenol  
Concen: 47.489 ng  
RT: 9.092 min Scan# 1191  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

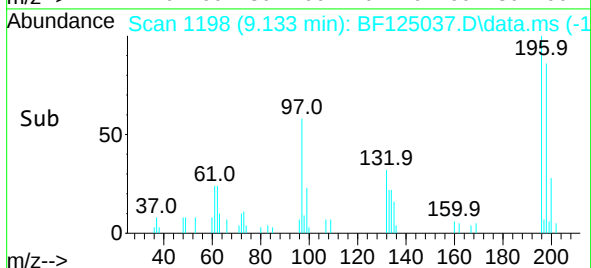
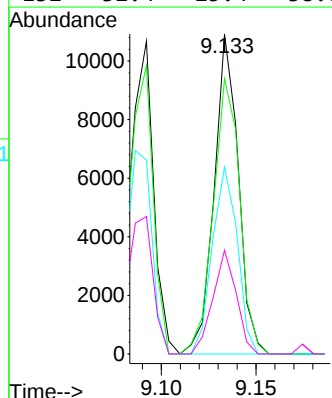
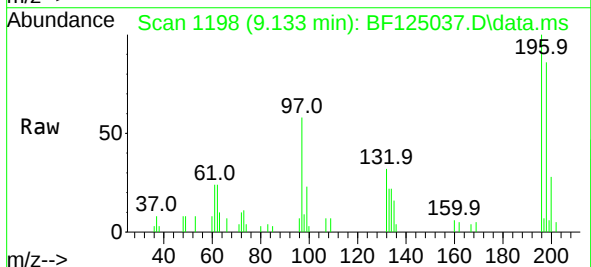


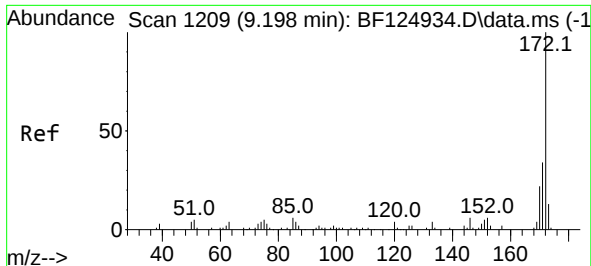
Tgt Ion:196 Resp: 9379  
Ion Ratio Lower Upper  
196 100  
198 92.3 74.9 112.3  
200 30.2 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 48.449 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:196 Resp: 9686  
Ion Ratio Lower Upper  
196 100  
198 86.0 80.2 120.2  
97 58.4 44.0 66.0  
132 32.4 25.4 38.0

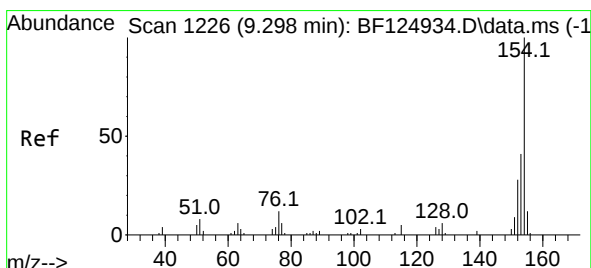
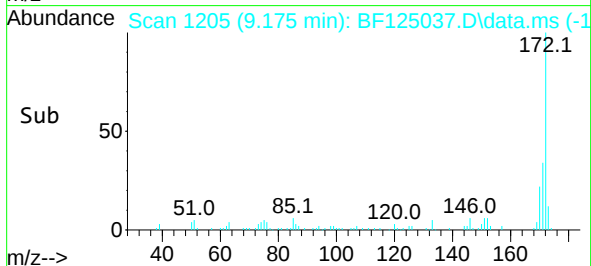
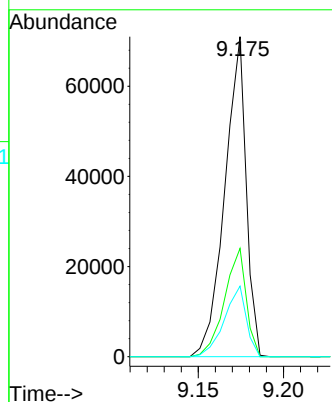
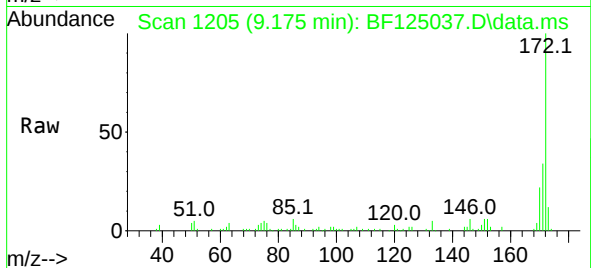




#45  
2-Fluorobiphenyl  
Concen: 87.384 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

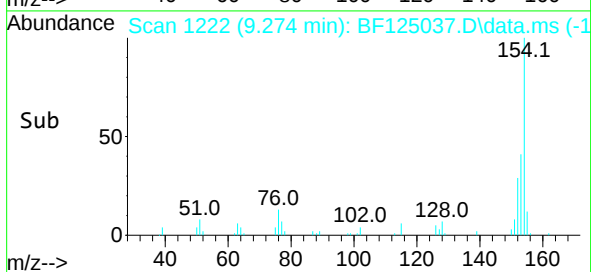
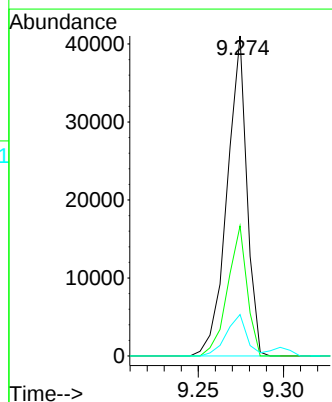
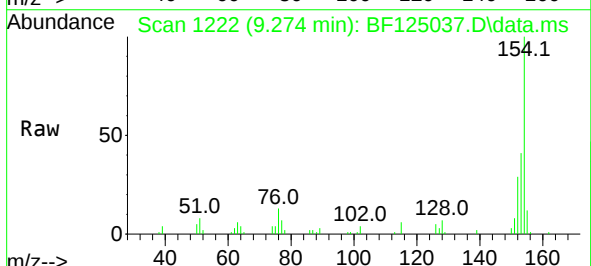
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

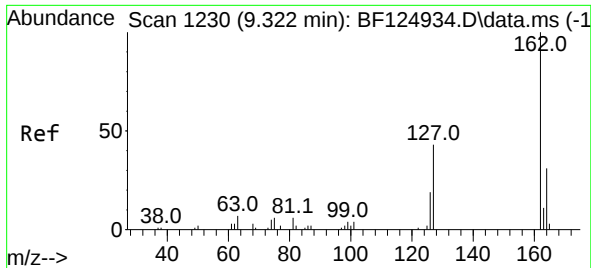
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 61726     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 33.9  | 26.5 39.7 |
| 170         | 22.0  | 18.8 28.2 |



#46  
1,1'-Biphenyl  
Concen: 42.927 ng  
RT: 9.274 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:154 | Resp: | 33064     |
| Ion Ratio   | Lower | Upper     |
| 154         | 100   |           |
| 153         | 40.7  | 20.0 60.0 |
| 76          | 13.0  | 0.0 30.3  |

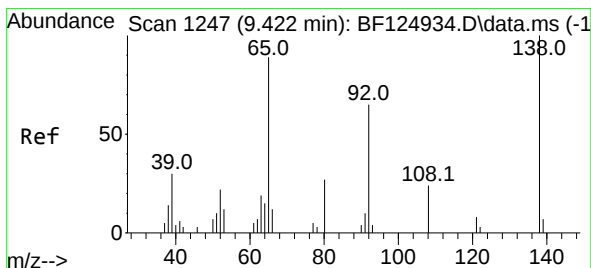
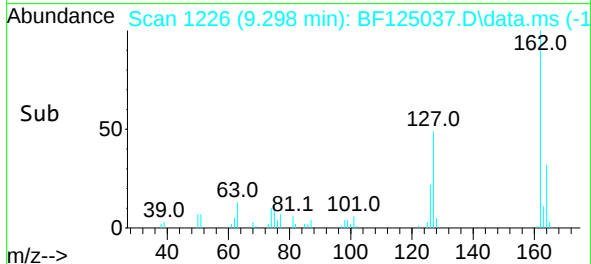
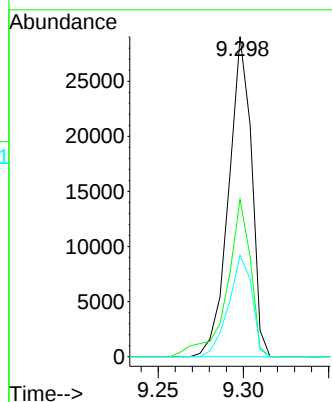
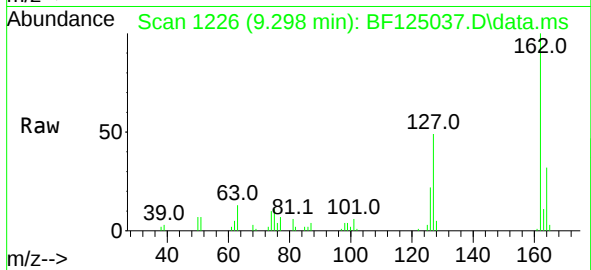




#47  
2-Chloronaphthalene  
Concen: 44.079 ng  
RT: 9.298 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

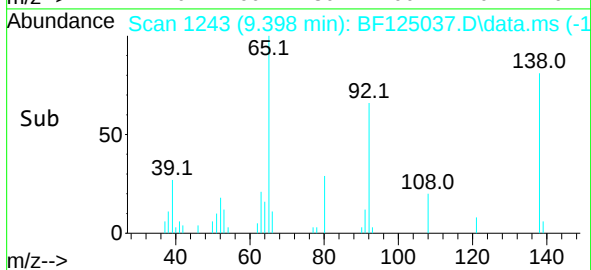
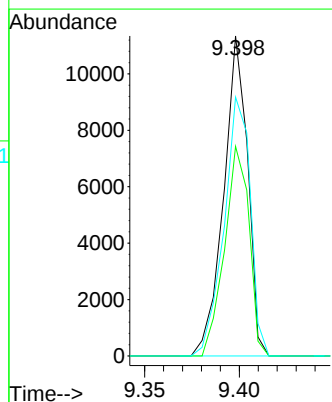
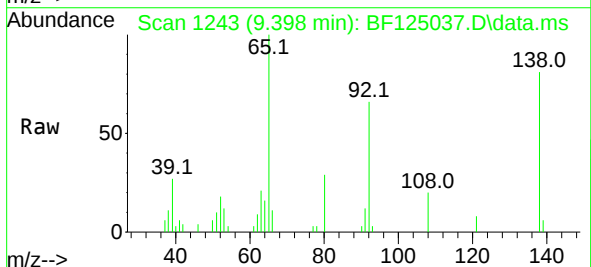
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

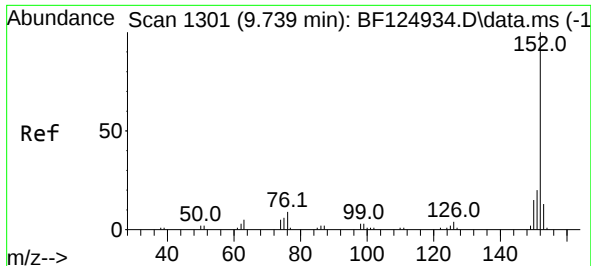
Tgt Ion:162 Resp: 27011  
Ion Ratio Lower Upper  
162 100  
127 49.1 33.0 49.4  
164 31.7 25.8 38.8



#48  
2-Nitroaniline  
Concen: 55.359 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion: 65 Resp: 9965  
Ion Ratio Lower Upper  
65 100  
92 65.5 55.5 83.3  
138 80.9 93.5 140.3#

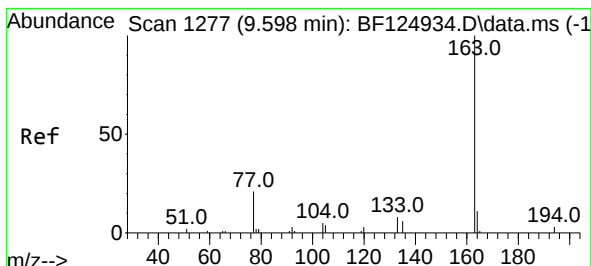
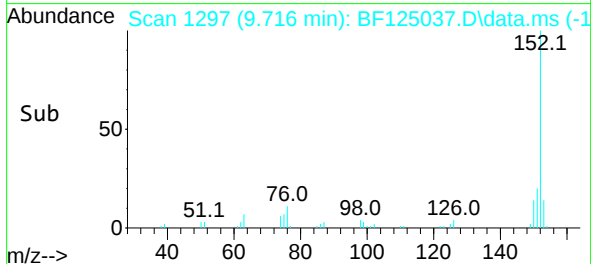
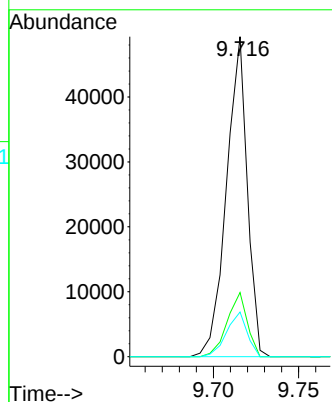
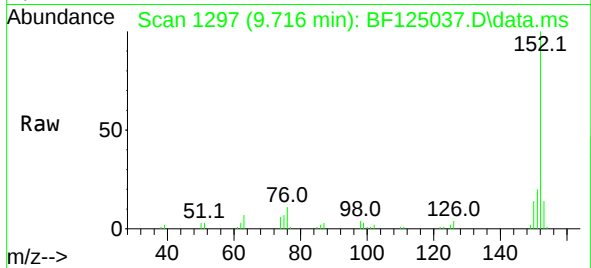




#49  
Acenaphthylene  
Concen: 44.907 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

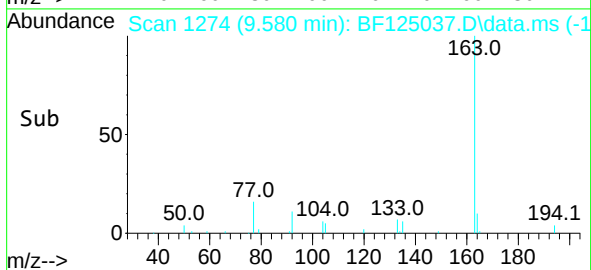
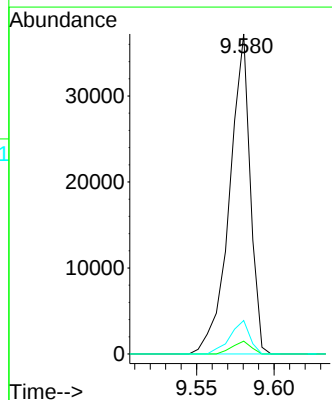
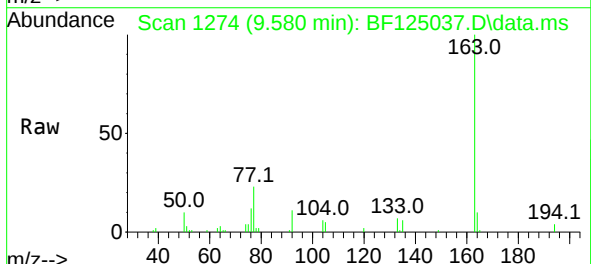
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

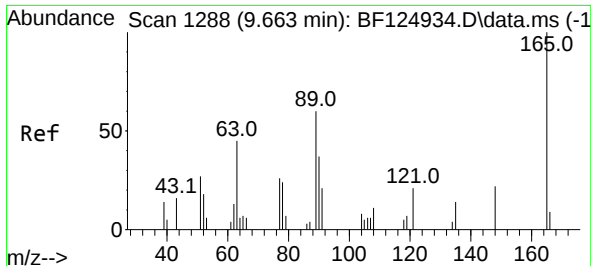
Tgt Ion:152 Resp: 41800  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.7 23.5  
153 13.9 9.8 14.8



#50  
Dimethylphthalate  
Concen: 49.321 ng  
RT: 9.580 min Scan# 1274  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:163 Resp: 34546  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.6 3.8#  
164 10.4 7.4 11.0

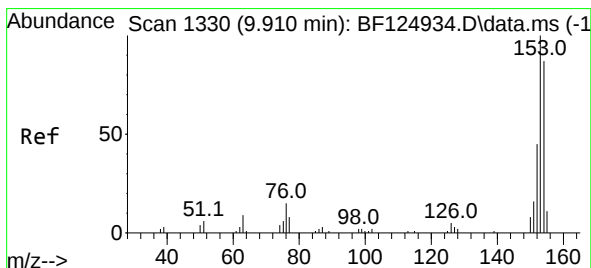
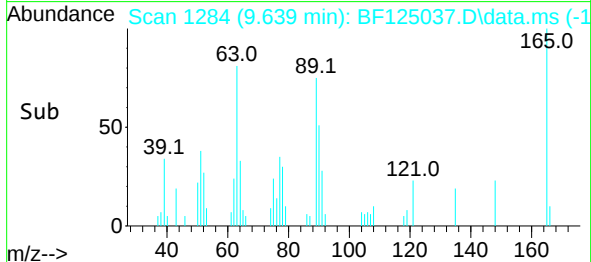
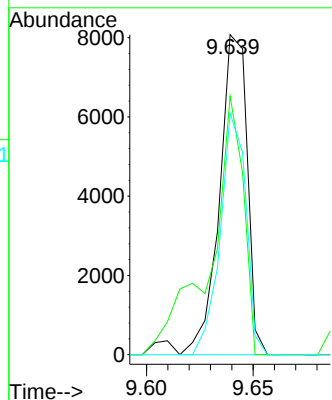
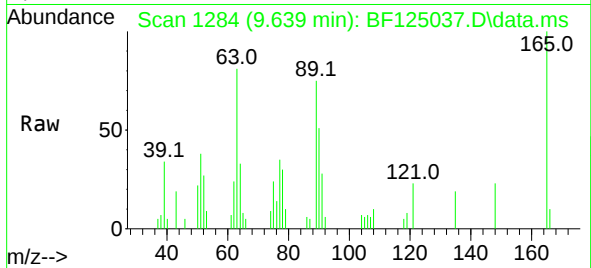




#51  
2,6-Dinitrotoluene  
Concen: 46.843 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

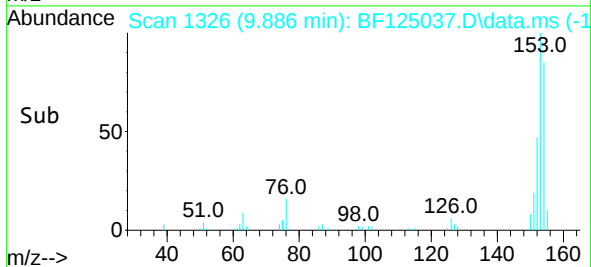
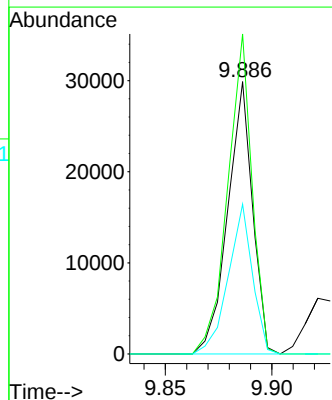
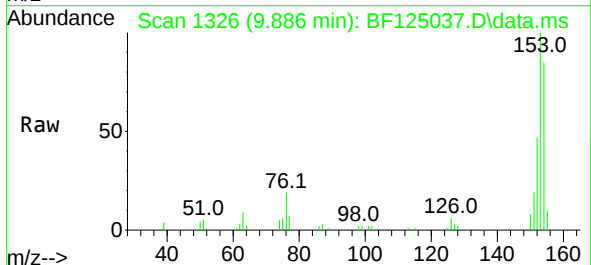
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

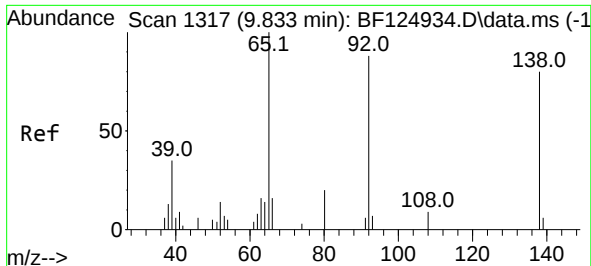
Tgt Ion:165 Resp: 7306  
Ion Ratio Lower Upper  
165 100  
63 80.9 42.6 63.8#  
89 75.5 40.6 60.8#



#52  
Acenaphthene  
Concen: 42.839 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:154 Resp: 24174  
Ion Ratio Lower Upper  
154 100  
153 117.5 89.4 134.2  
152 55.0 40.5 60.7

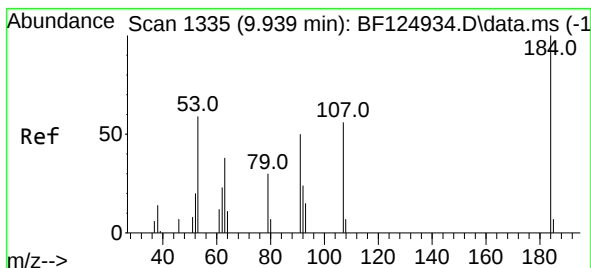
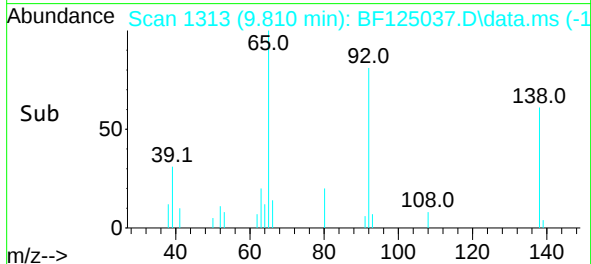
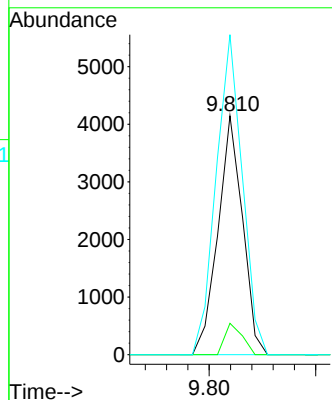
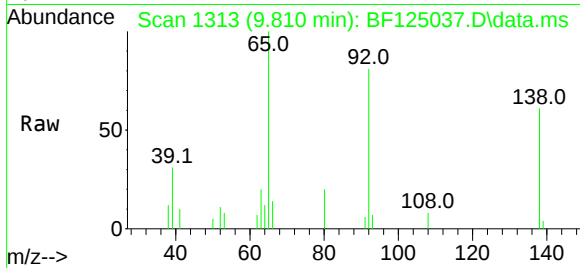




#53  
3-Nitroaniline  
Concen: 20.216 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

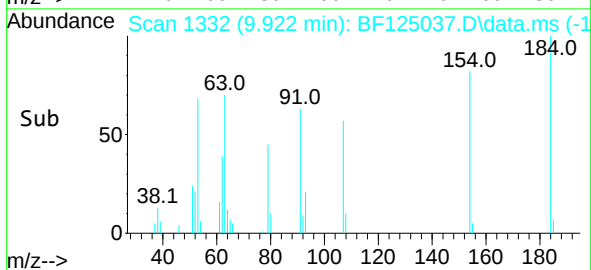
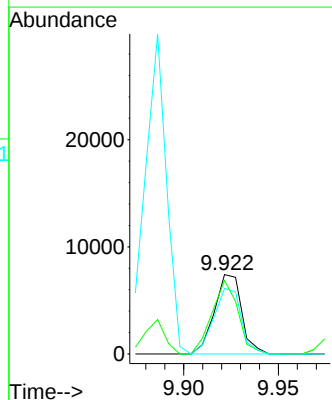
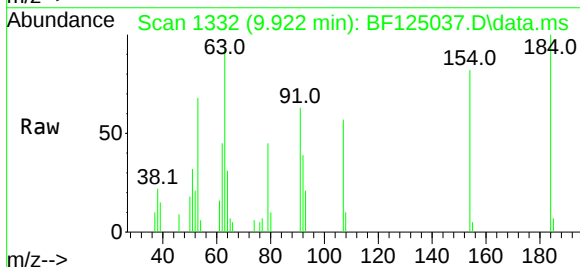
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

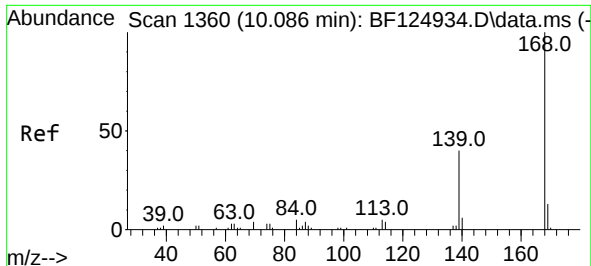
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 3321   |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 108      | 13.1  | 9.3   | 13.9   |
| 92       | 134.0 | 76.5  | 114.7# |



#54  
2,4-Dinitrophenol  
Concen: 92.647 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 184   | Resp: | 7400  |
| Ion      | Ratio | Lower | Upper |
| 184      | 100   |       |       |
| 63       | 92.6  | 59.3  | 88.9# |
| 154      | 82.5  | 68.6  | 102.8 |

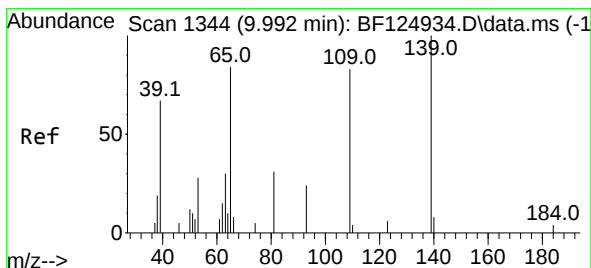
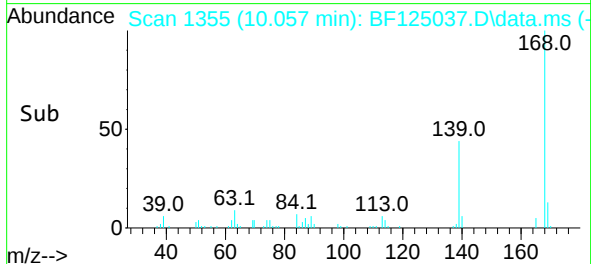
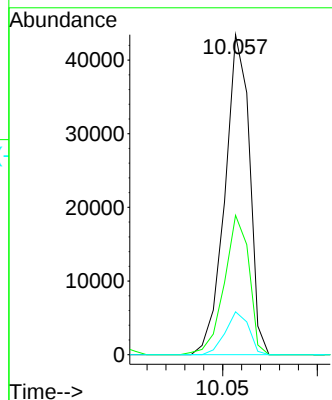
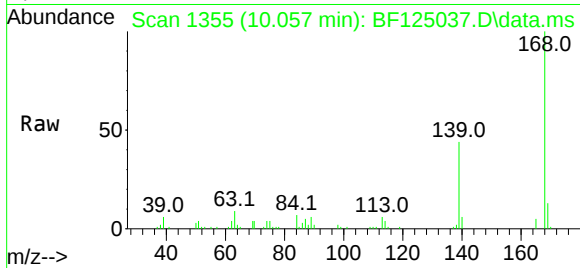




#55  
Dibenzenofuran  
Concen: 44.420 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

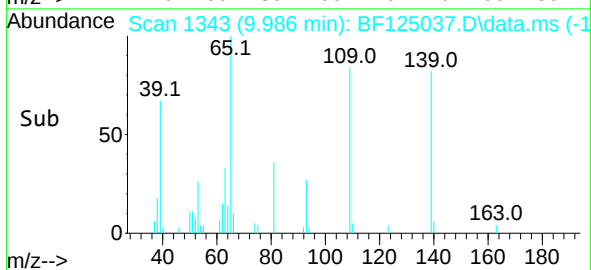
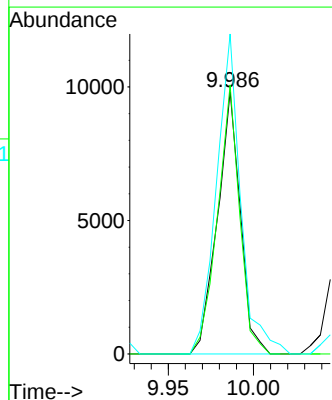
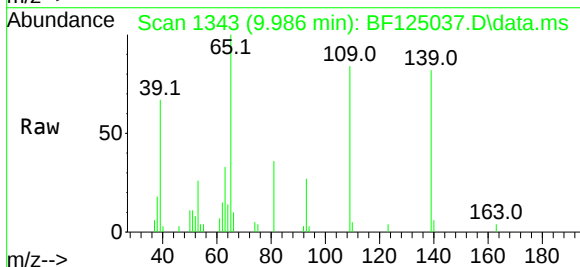
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

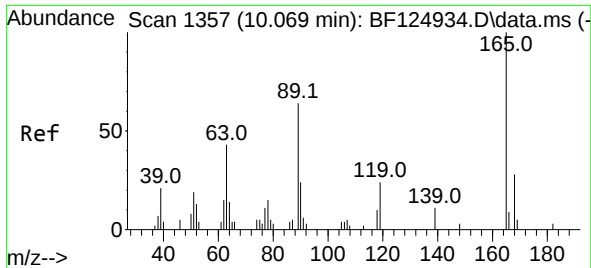
Tgt Ion:168 Resp: 39174  
Ion Ratio Lower Upper  
168 100  
139 43.6 32.7 49.1  
169 13.4 11.2 16.8



#56  
4-Nitrophenol  
Concen: 85.061 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.012 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:139 Resp: 9211  
Ion Ratio Lower Upper  
139 100  
109 102.6 60.4 100.4#  
65 122.0 58.4 98.4#

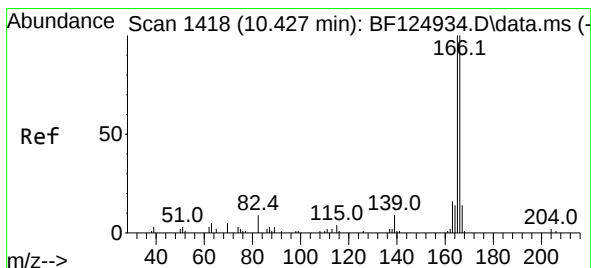
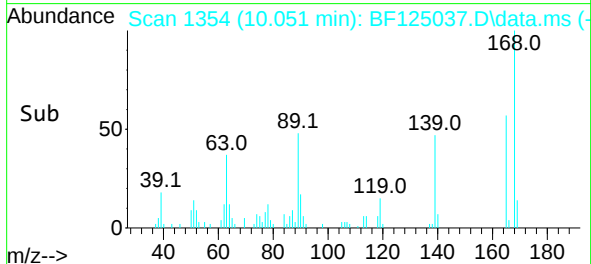
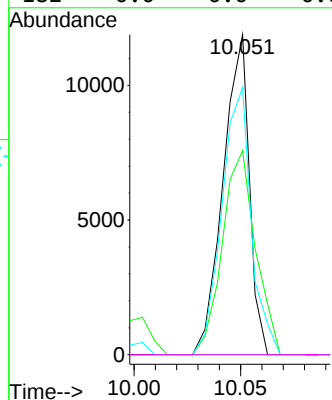
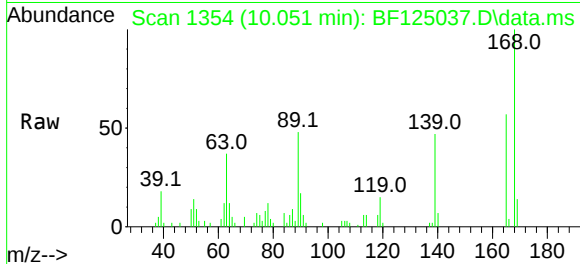




#57  
2,4-Dinitrotoluene  
Concen: 47.853 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

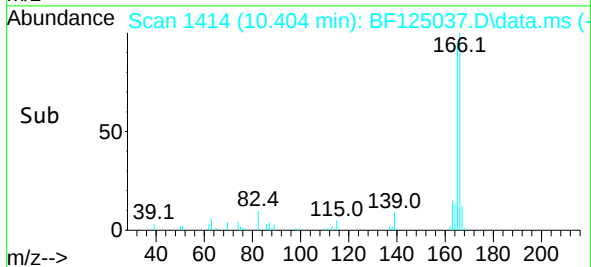
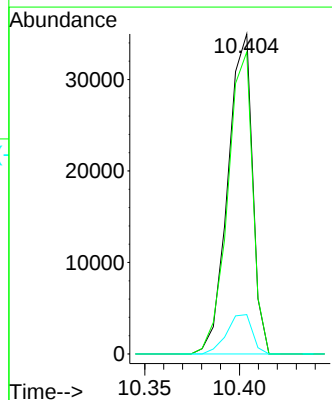
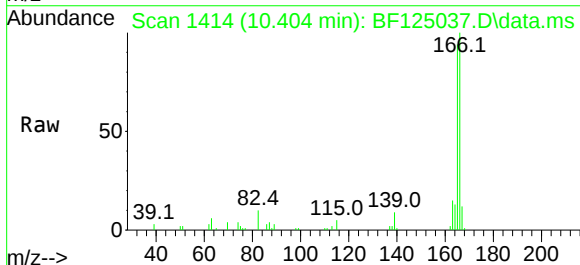
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

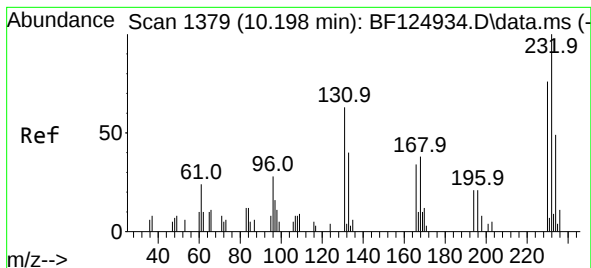
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 10133 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 63.8  | 40.9  | 61.3# |
| 89        | 83.5  | 59.7  | 89.5  |
| 182       | 0.0   | 0.0   | 0.0   |



#58  
Fluorene  
Concen: 46.626 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

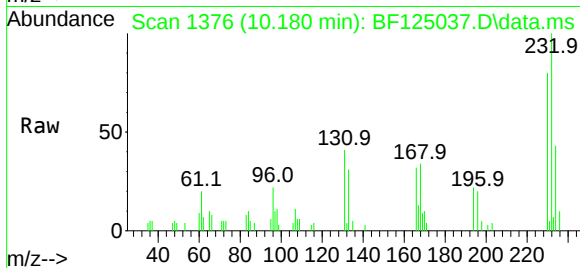
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 31529 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 94.3  | 78.1  | 117.1 |
| 167       | 12.3  | 11.1  | 16.7  |



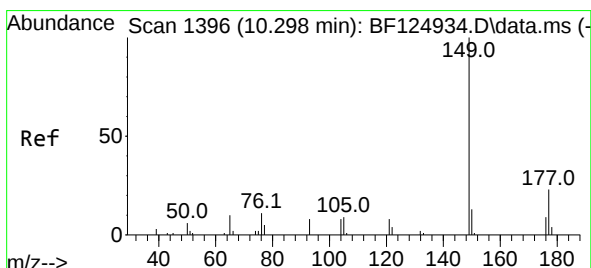
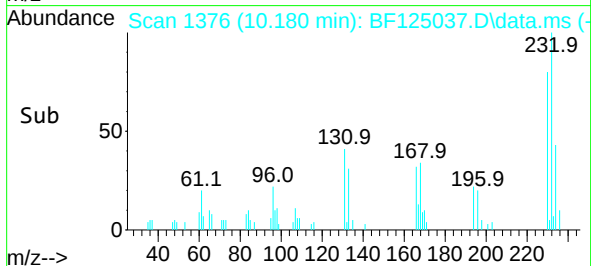
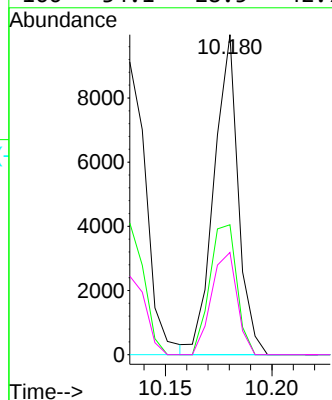


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.560 ng  
RT: 10.180 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

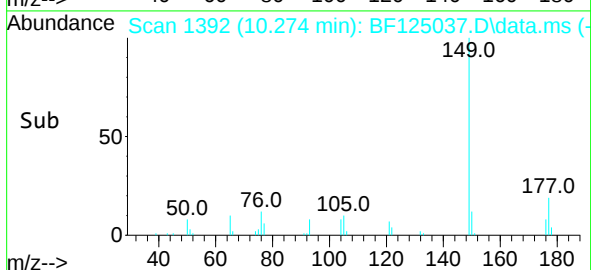
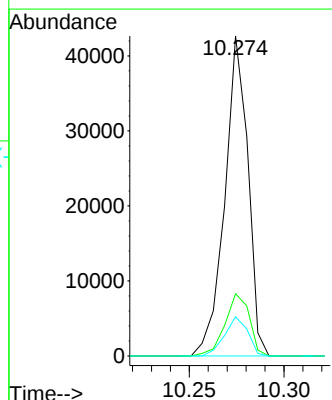
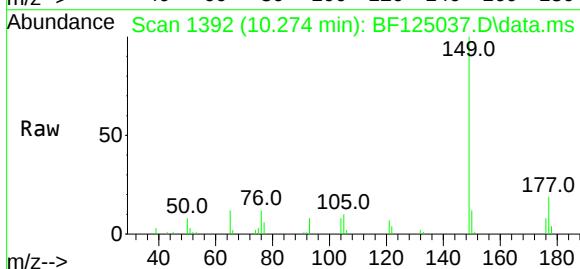


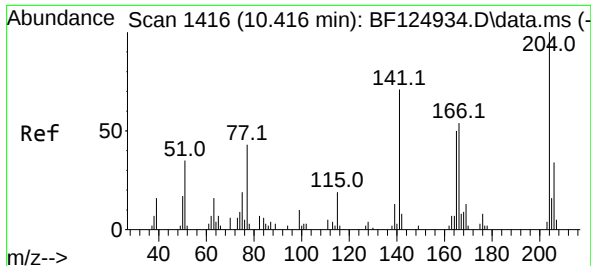
Tgt Ion:232 Resp: 7884  
Ion Ratio Lower Upper  
232 100  
131 45.6 45.4 68.0  
130 0.0 0.0 0.0  
166 34.1 28.5 42.7



#60  
Diethylphthalate  
Concen: 50.423 ng  
RT: 10.274 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:149 Resp: 36244  
Ion Ratio Lower Upper  
149 100  
177 19.5 16.5 24.7  
150 12.3 10.1 15.1

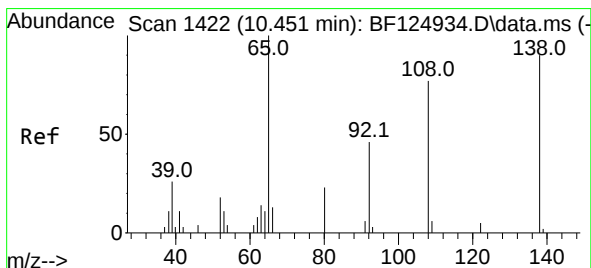
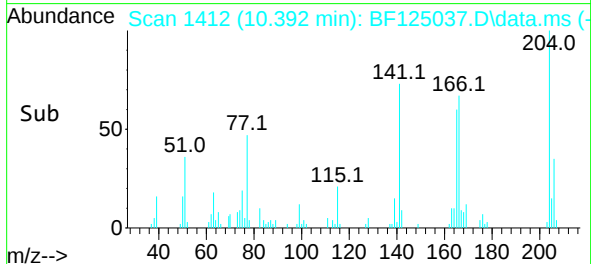
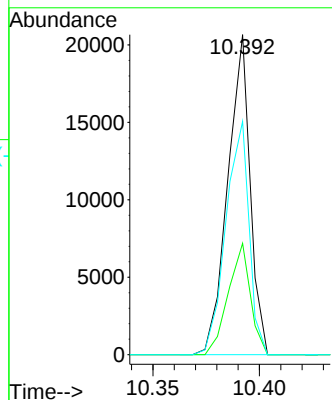
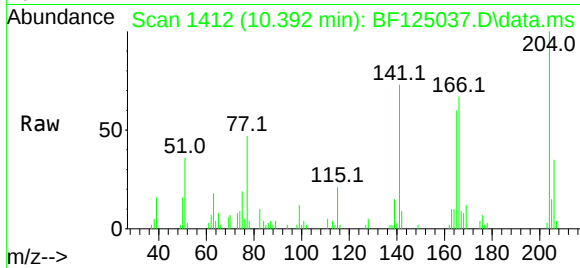




#61  
4-Chlorophenyl-phenylether  
Concen: 47.108 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

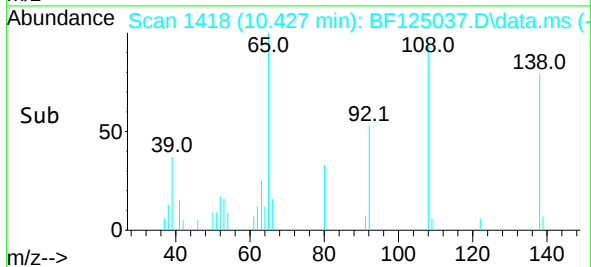
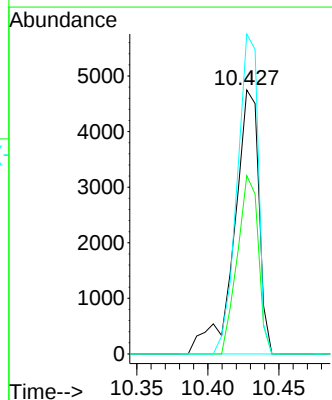
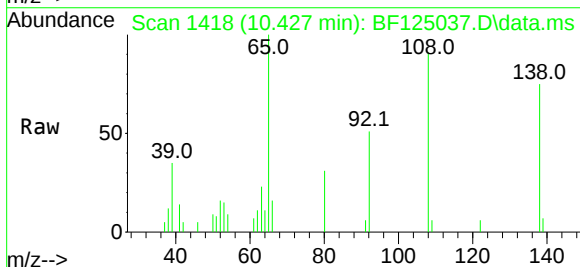
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

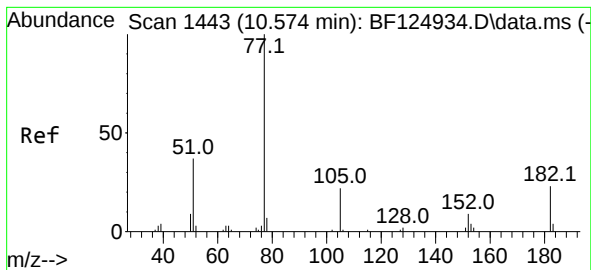
Tgt Ion:204 Resp: 15043  
Ion Ratio Lower Upper  
204 100  
206 34.8 27.6 41.4  
141 72.9 58.6 88.0



#62  
4-Nitroaniline  
Concen: 35.701 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:138 Resp: 5694  
Ion Ratio Lower Upper  
138 100  
92 67.6 29.6 69.6  
108 121.2 78.1 118.1#

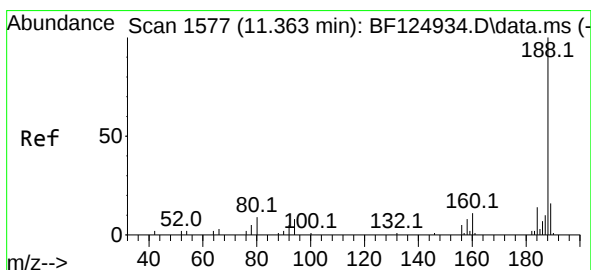
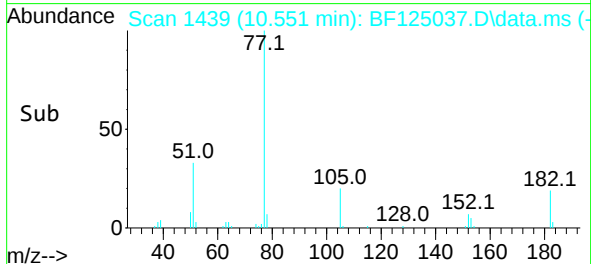
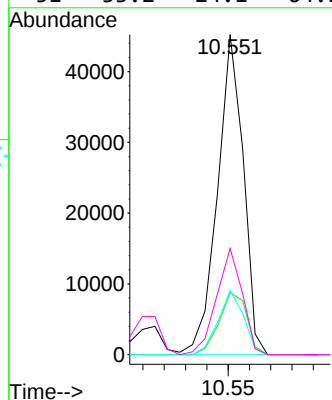
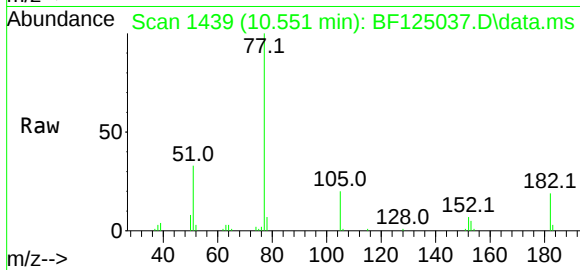




#63  
Azobenzene  
Concen: 54.099 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

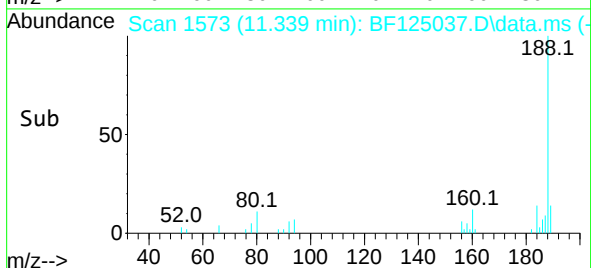
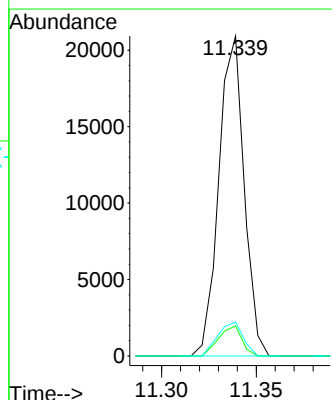
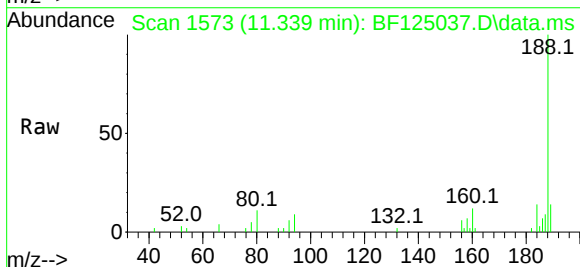
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

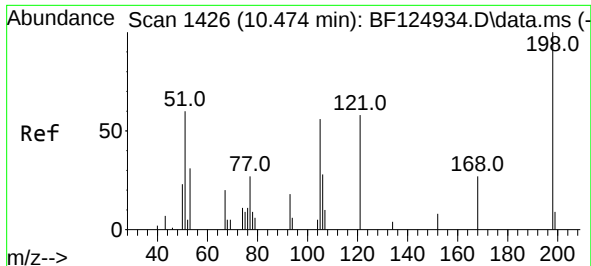
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 38027 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 19.4    | 6.3 46.3    |
| 105 20.1    | 2.9 42.9    |
| 51 33.2     | 24.1 64.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

|              |             |
|--------------|-------------|
| Tgt Ion: 188 | Resp: 19443 |
| Ion Ratio    | Lower Upper |
| 188 100      |             |
| 94 9.4       | 6.7 10.1    |
| 80 10.6      | 7.5 11.3    |

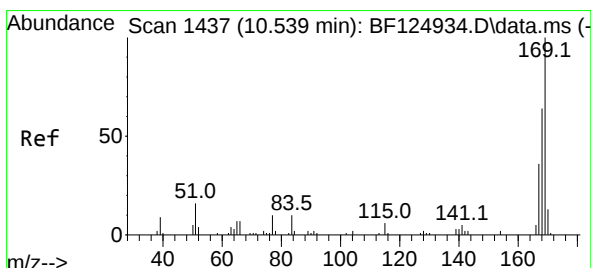
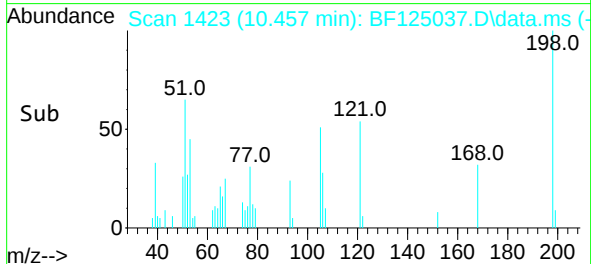
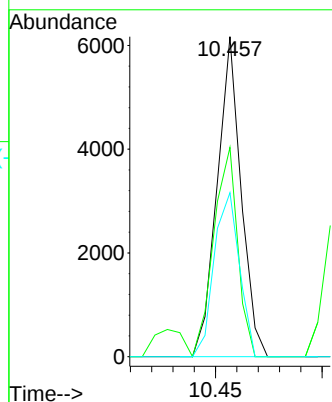
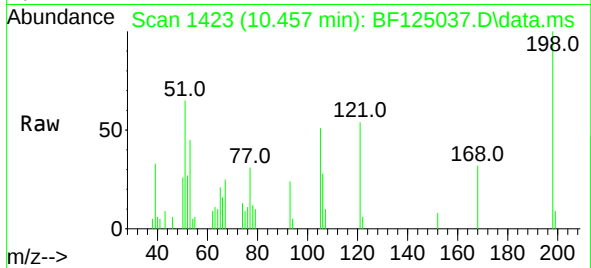




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 39.621 ng  
 RT: 10.457 min Scan# 1423  
 Delta R.T. 0.006 min  
 Lab File: BF125037.D  
 Acq: 10 Aug 2021 18:52

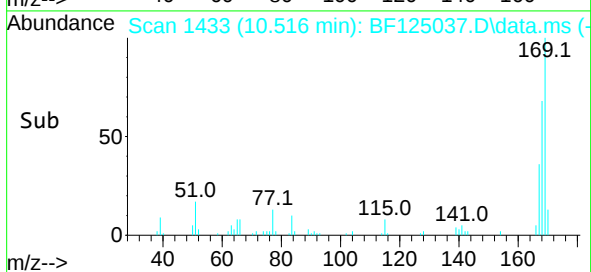
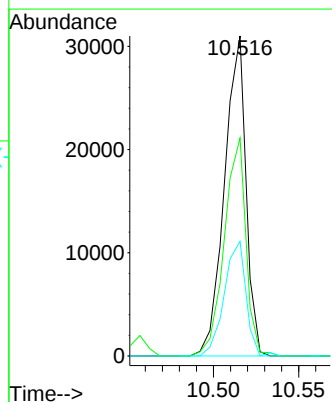
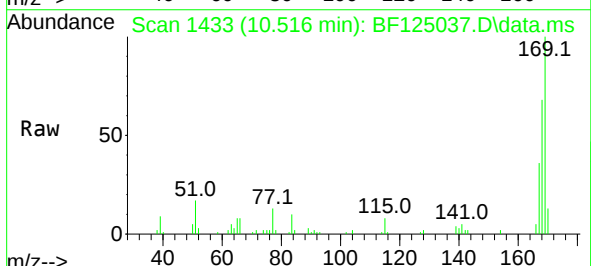
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11930MS

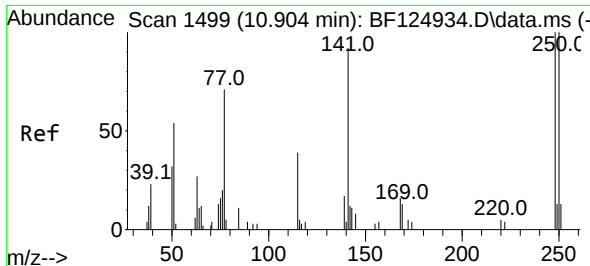
Tgt Ion:198 Resp: 4826  
 Ion Ratio Lower Upper  
 198 100  
 51 65.4 45.3 85.3  
 105 51.3 30.6 70.6



#66  
 n-Nitrosodiphenylamine  
 Concen: 43.234 ng  
 RT: 10.516 min Scan# 1433  
 Delta R.T. 0.006 min  
 Lab File: BF125037.D  
 Acq: 10 Aug 2021 18:52

Tgt Ion:169 Resp: 27245  
 Ion Ratio Lower Upper  
 169 100  
 168 68.1 50.8 76.2  
 167 35.8 28.8 43.2

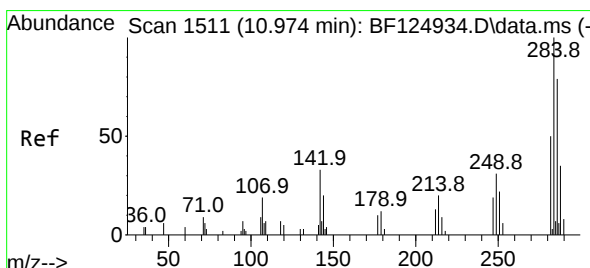
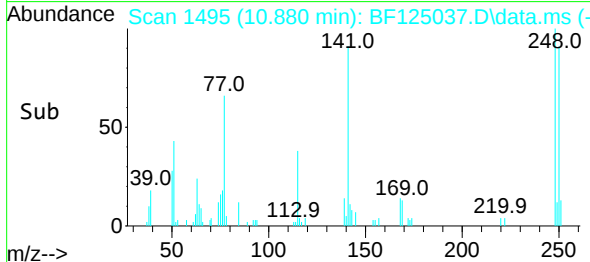
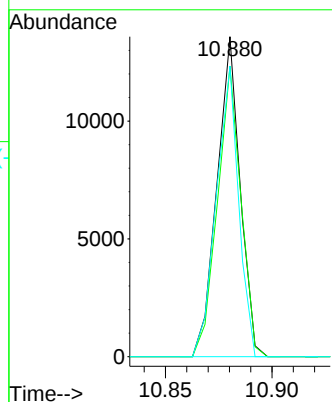
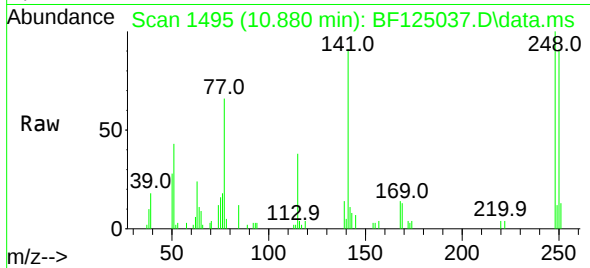




#67  
4-Bromophenyl-phenylether  
Concen: 48.202 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

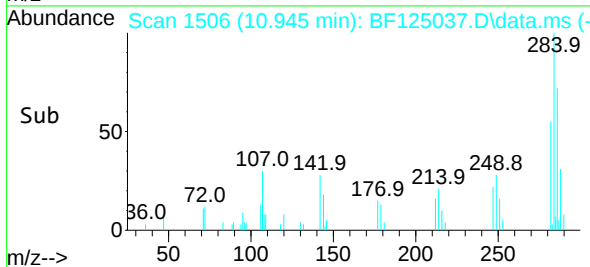
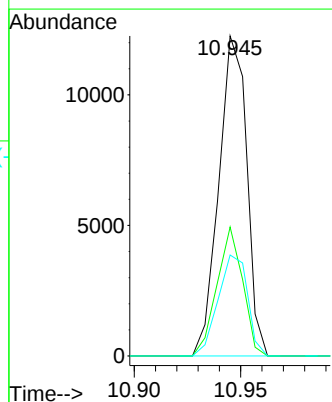
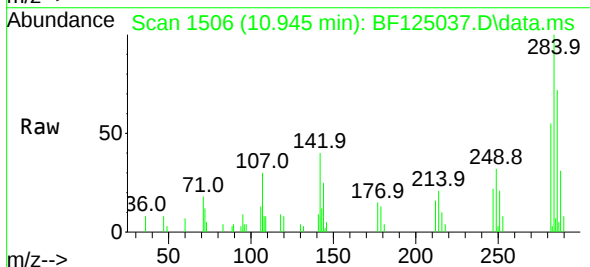
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

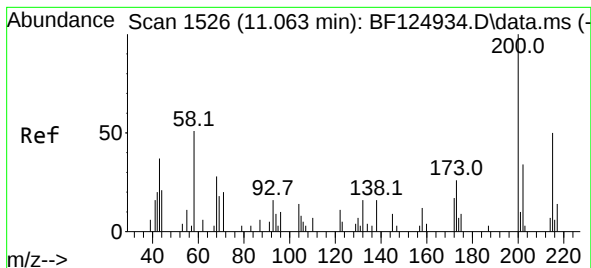
Tgt Ion:248 Resp: 10265  
Ion Ratio Lower Upper  
248 100  
250 90.8 74.2 111.4  
141 90.8 60.4 90.6#



#68  
Hexachlorobenzene  
Concen: 48.277 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:284 Resp: 11185  
Ion Ratio Lower Upper  
284 100  
142 40.3 36.4 54.6  
249 31.5 25.6 38.4





#69

Atrazine

Concen: 49.926 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.012 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

Tgt Ion:200 Resp: 9454

Ion Ratio Lower Upper

200 100

173 25.6 11.1 51.1

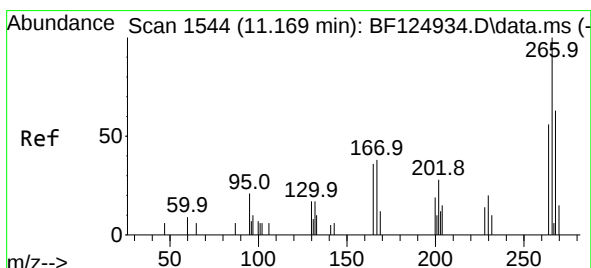
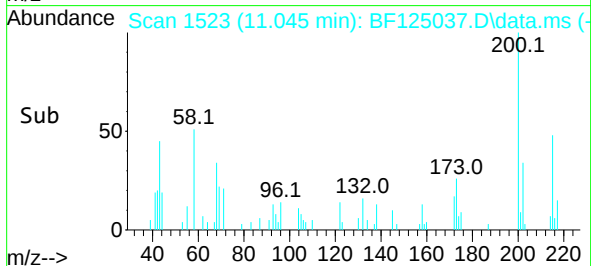
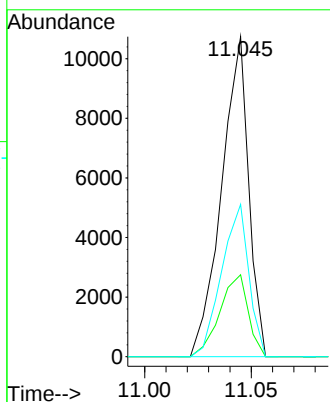
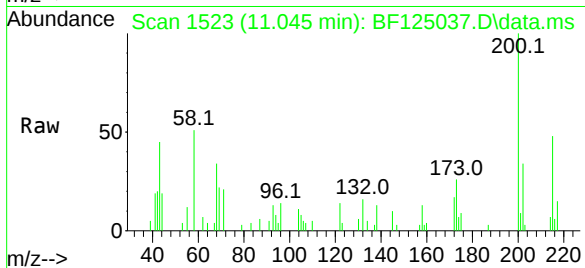
215 47.6 22.7 62.7

Instrument :

BNA\_F

ClientSampleId :

72-11930MS



#70

Pentachlorophenol

Concen: 99.432 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

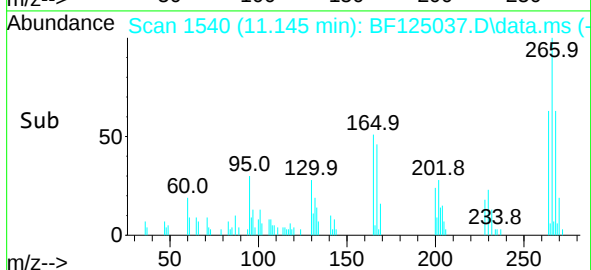
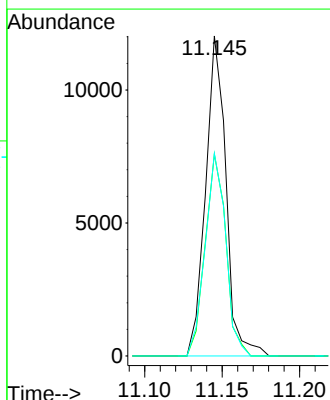
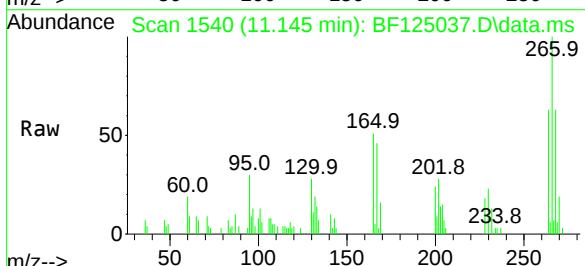
Tgt Ion:266 Resp: 10989

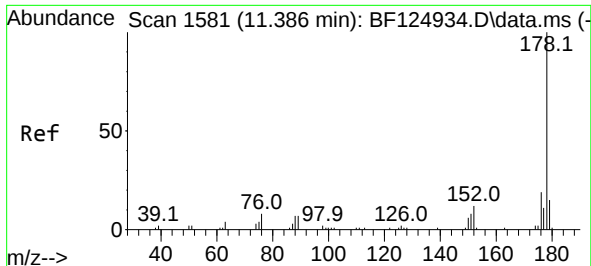
Ion Ratio Lower Upper

266 100

268 63.1 48.9 73.3

264 63.3 55.9 83.9

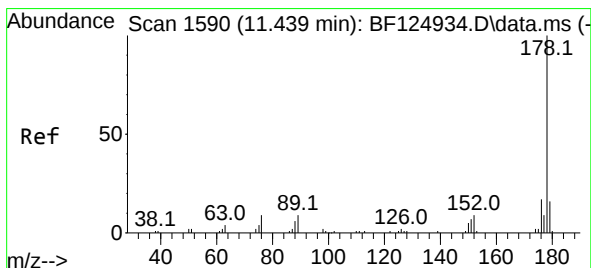
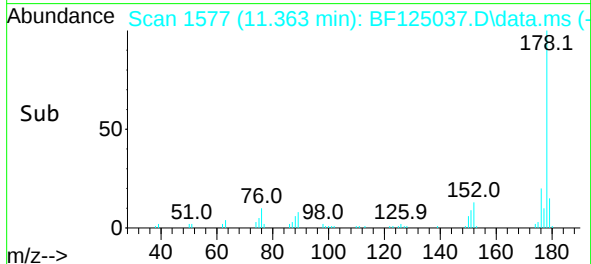
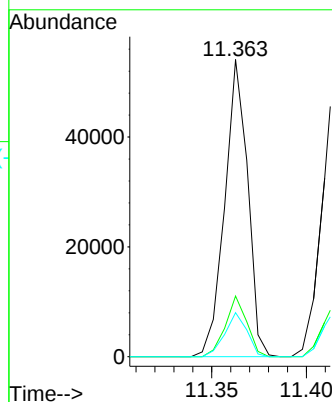
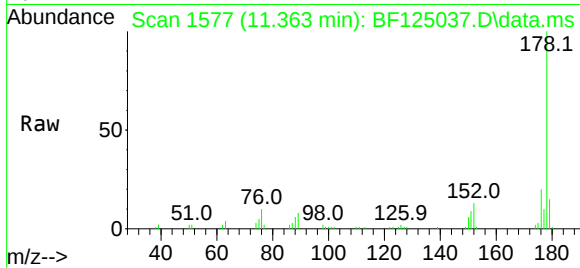




#71  
Phenanthrene  
Concen: 43.143 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

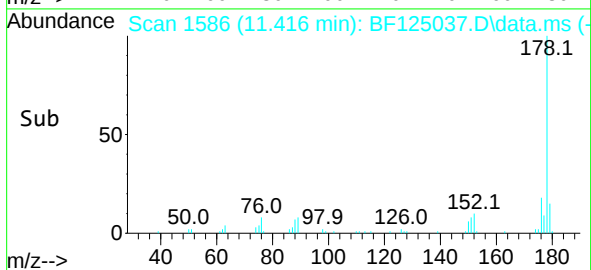
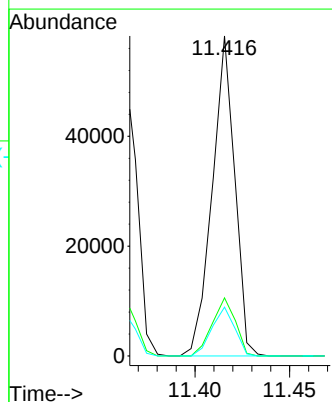
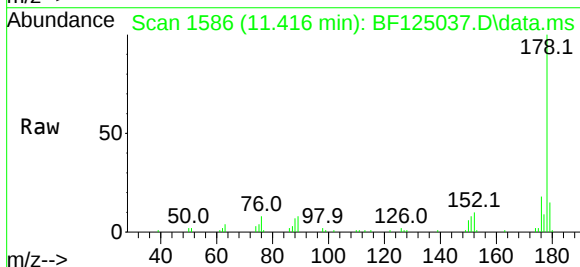
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

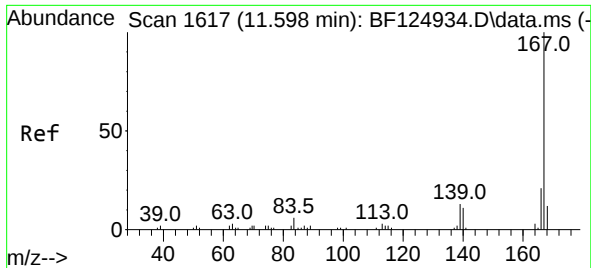
Tgt Ion:178 Resp: 45503  
Ion Ratio Lower Upper  
178 100  
176 20.4 14.7 22.1  
179 14.8 11.5 17.3



#72  
Anthracene  
Concen: 45.544 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:178 Resp: 48189  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.3 21.5  
179 15.2 12.2 18.4

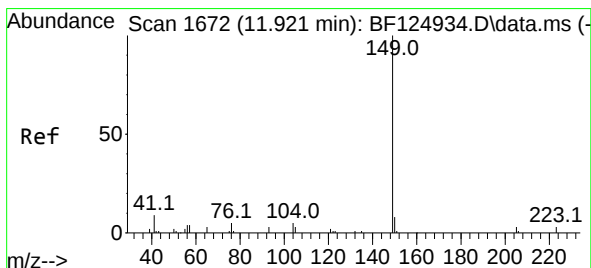
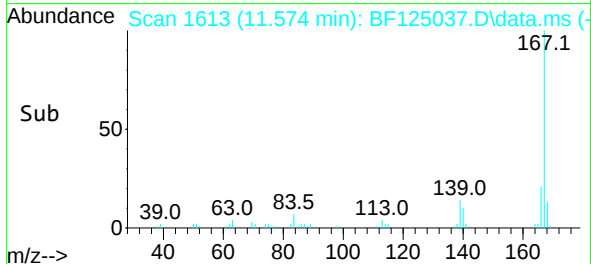
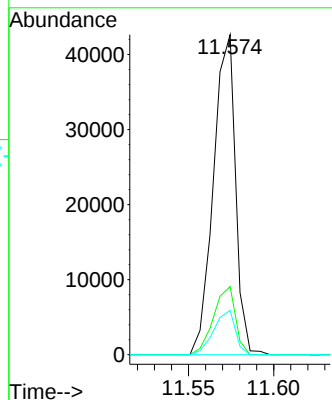
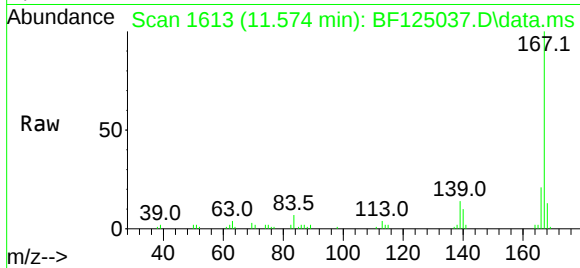




#73  
Carbazole  
Concen: 39.558 ng  
RT: 11.574 min Scan# 1613  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

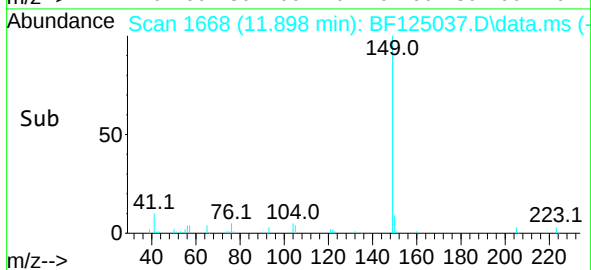
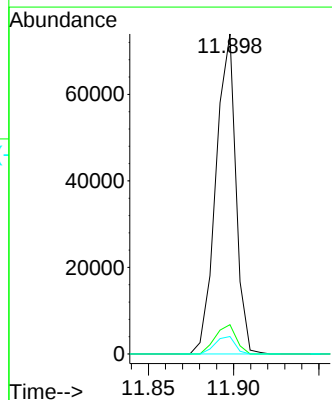
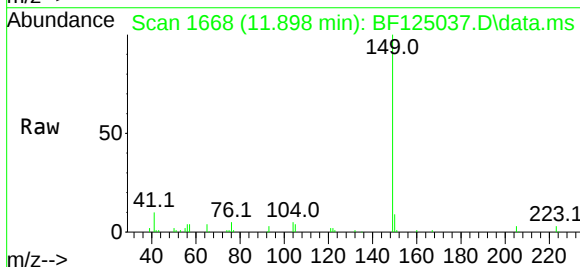
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

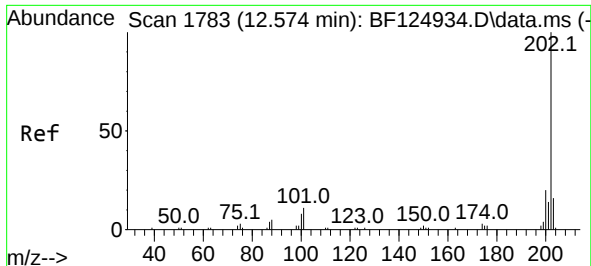
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:167 | Resp: | 38383     |
| Ion Ratio   | Lower | Upper     |
| 167         | 100   |           |
| 166         | 21.3  | 17.4 26.0 |
| 139         | 13.9  | 11.0 16.4 |



#74  
Di-n-butylphthalate  
Concen: 48.857 ng  
RT: 11.898 min Scan# 1668  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

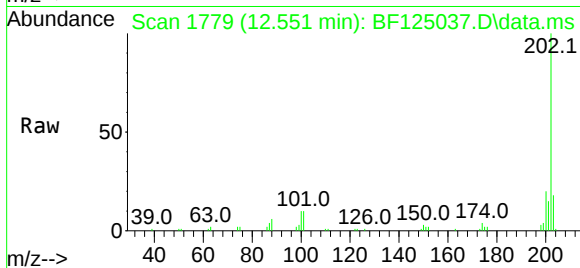
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 60248    |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 150         | 9.2   | 7.4 11.2 |
| 104         | 5.5   | 4.1 6.1  |



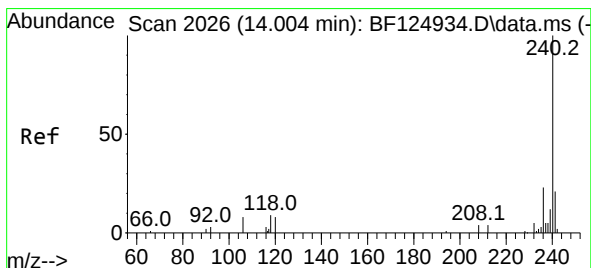
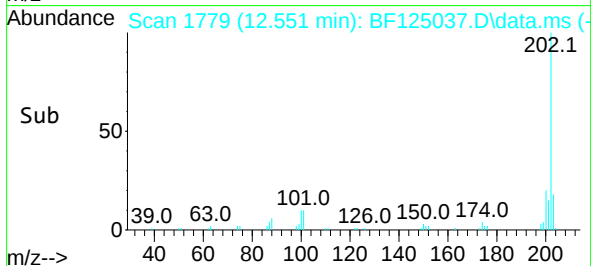
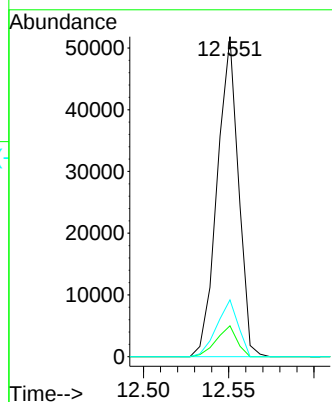


#75  
 Fluoranthene  
 Concen: 41.095 ng  
 RT: 12.551 min Scan# 1779  
 Delta R.T. 0.006 min  
 Lab File: BF125037.D  
 Acq: 10 Aug 2021 18:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11930MS

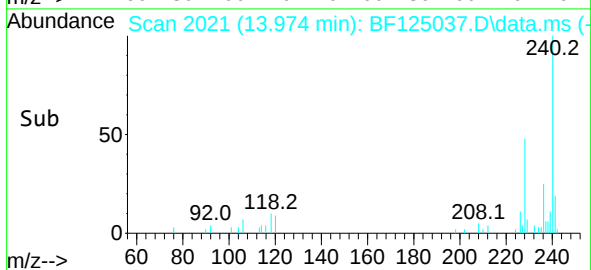
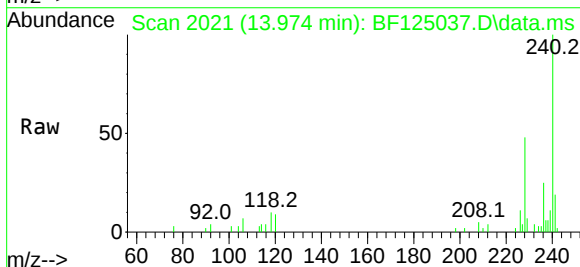
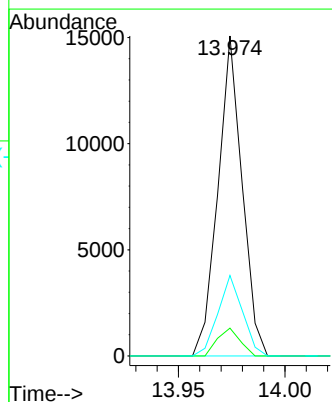


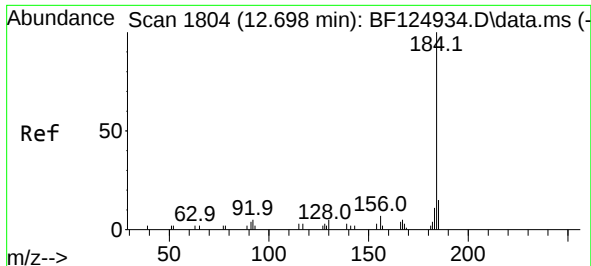
Tgt Ion:202 Resp: 44839  
 Ion Ratio Lower Upper  
 202 100  
 101 9.7 0.0 30.7  
 203 17.7 0.0 36.3



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.974 min Scan# 2021  
 Delta R.T. -0.000 min  
 Lab File: BF125037.D  
 Acq: 10 Aug 2021 18:52

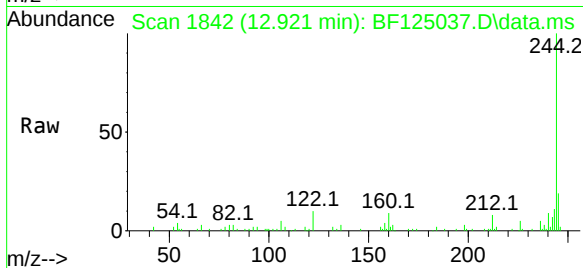
Tgt Ion:240 Resp: 11863  
 Ion Ratio Lower Upper  
 240 100  
 120 8.7 10.8 16.2#  
 236 25.2 21.6 32.4



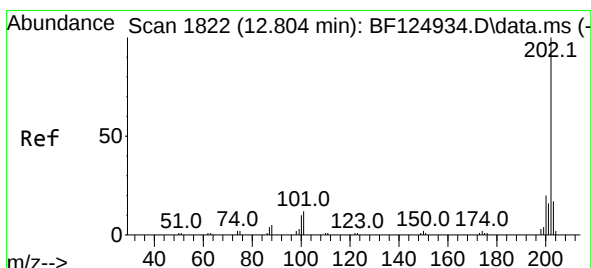
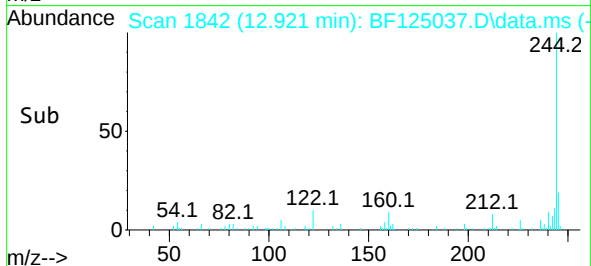
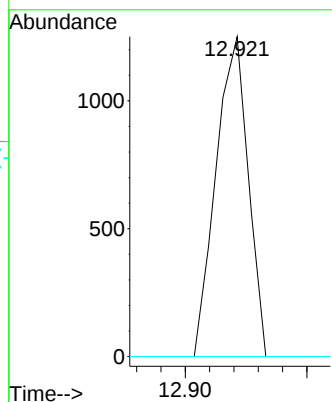


#77  
Benzidine  
Concen: 3.614 ng  
RT: 12.921 min Scan# 1842  
Delta R.T. 0.253 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

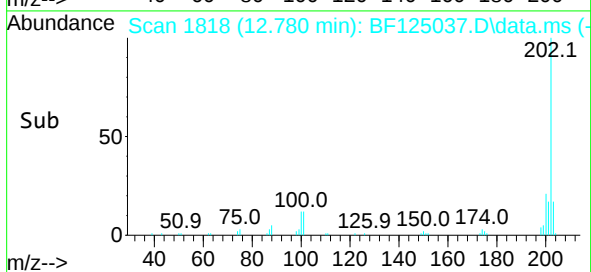
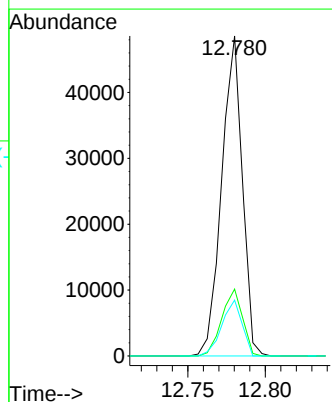
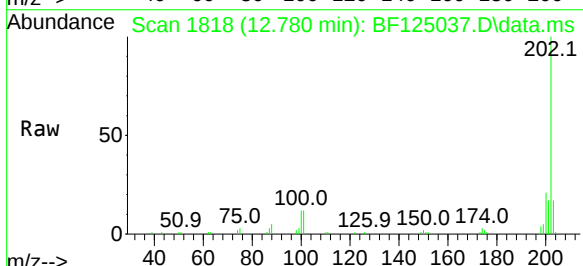


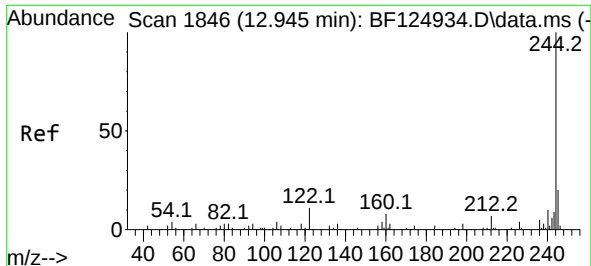
Tgt Ion:184 Resp: 1147  
Ion Ratio Lower Upper  
184 100  
185 0.0 10.8 16.2#  
183 0.0 8.1 12.1#



#78  
Pyrene  
Concen: 48.040 ng  
RT: 12.780 min Scan# 1818  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:202 Resp: 44889  
Ion Ratio Lower Upper  
202 100  
200 20.9 15.3 22.9  
203 17.5 13.4 20.0

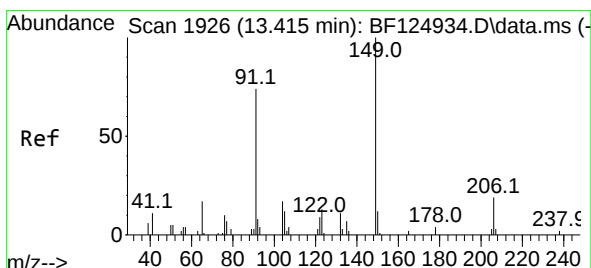
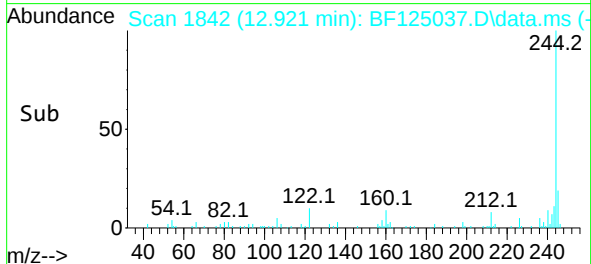
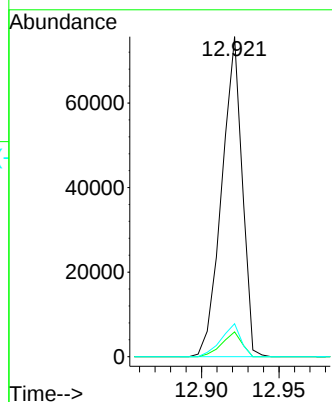
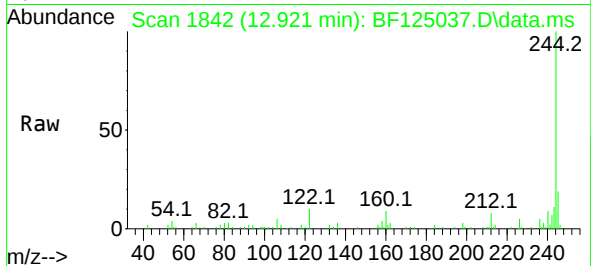




#79  
 Terphenyl-d14  
 Concen: 98.398 ng  
 RT: 12.921 min Scan# 1842  
 Delta R.T. 0.006 min  
 Lab File: BF125037.D  
 Acq: 10 Aug 2021 18:52

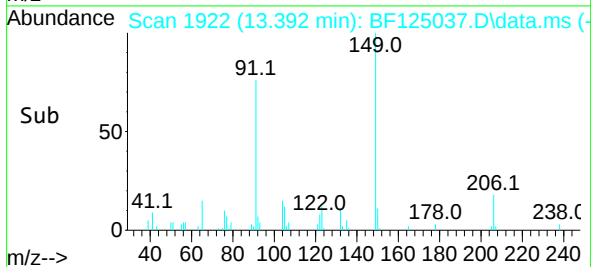
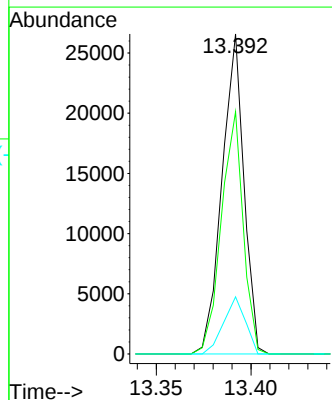
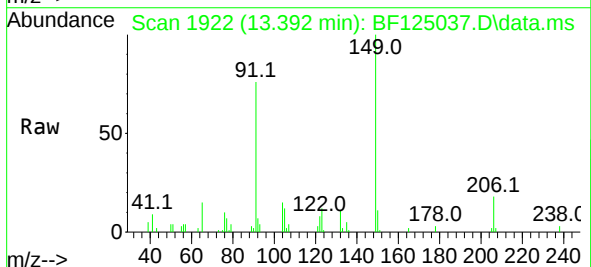
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11930MS

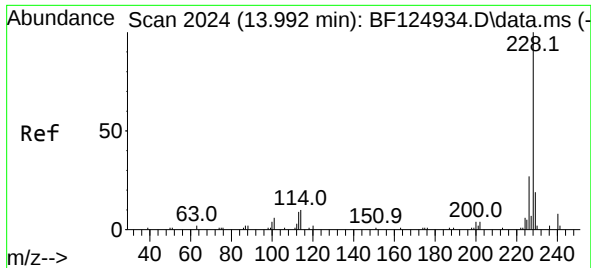
Tgt Ion:244 Resp: 69201  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 5.9 8.9  
 122 10.3 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 51.434 ng  
 RT: 13.392 min Scan# 1922  
 Delta R.T. 0.006 min  
 Lab File: BF125037.D  
 Acq: 10 Aug 2021 18:52

Tgt Ion:149 Resp: 21388  
 Ion Ratio Lower Upper  
 149 100  
 91 75.7 51.8 77.8  
 206 17.8 14.5 21.7

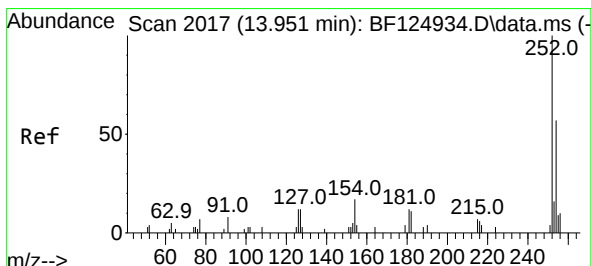
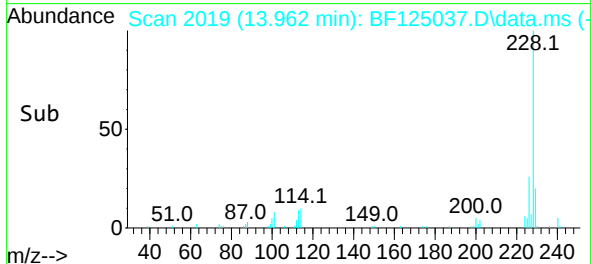
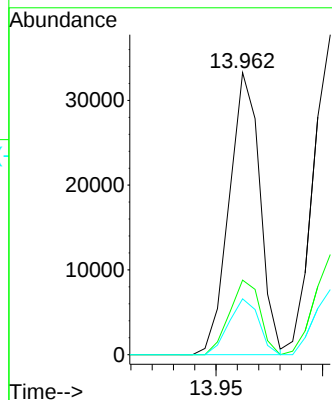
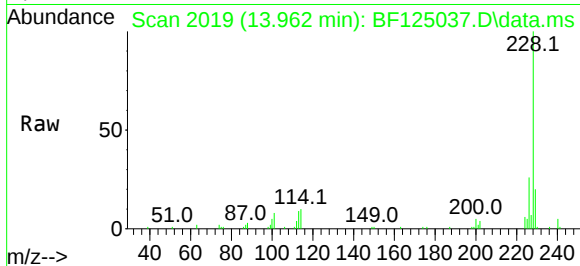




#81  
Benzo(a)anthracene  
Concen: 43.116 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

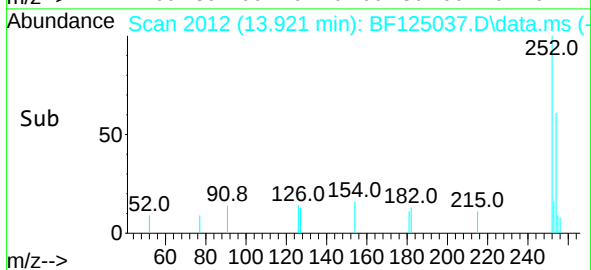
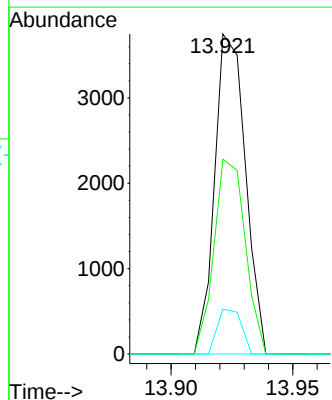
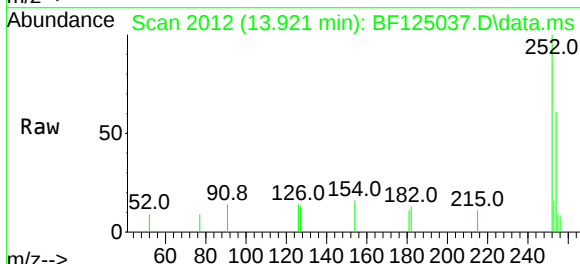
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

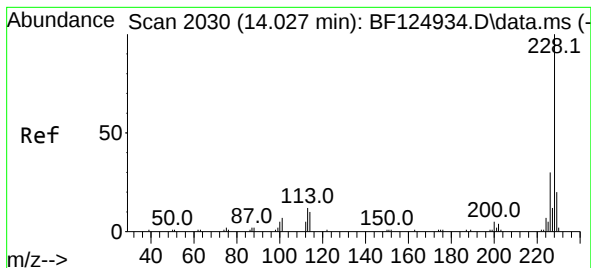
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 33332     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 26.5  | 21.6 32.4 |
| 229         | 19.8  | 15.6 23.4 |



#82  
3,3'-Dichlorobenzidine  
Concen: 16.177 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 3297      |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 254         | 60.9  | 51.4 77.0 |
| 126         | 14.0  | 9.5 14.3  |





#83

Chrysene

Concen: 42.447 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

Tgt Ion:228 Resp: 31722

Ion Ratio Lower Upper

228 100

226 31.3 22.6 34.0

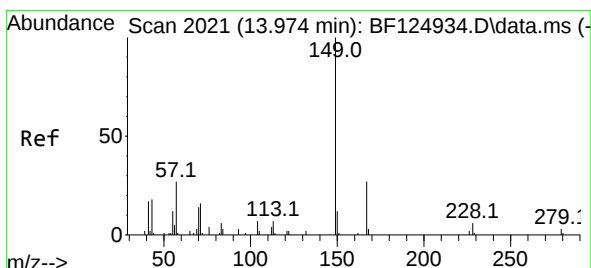
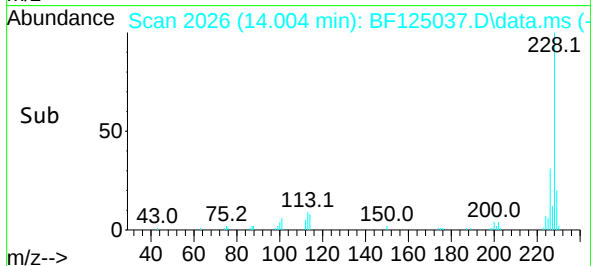
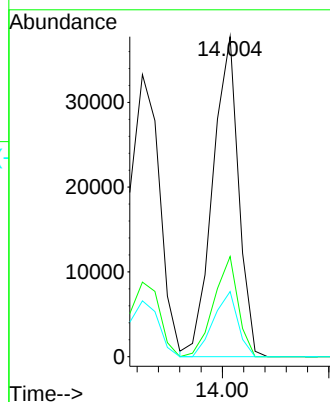
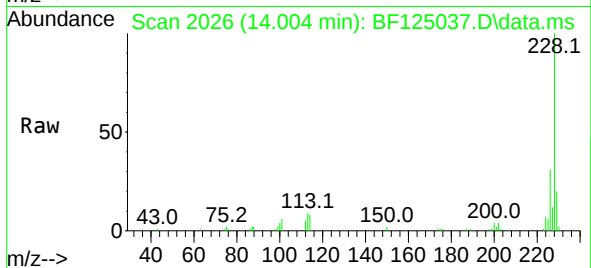
229 20.4 15.9 23.9

Instrument :

BNA\_F

ClientSampleId :

72-11930MS



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.206 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

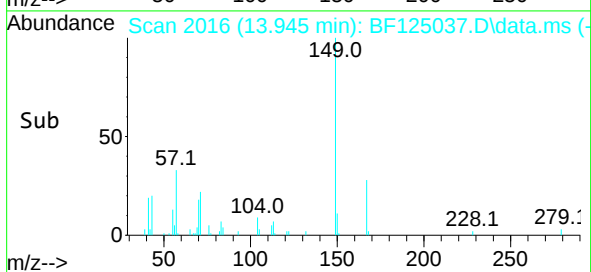
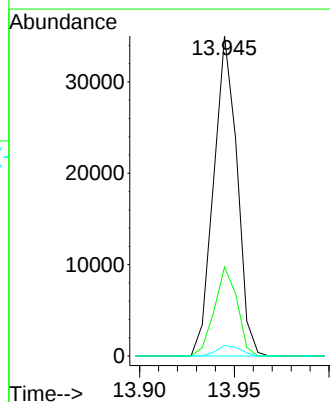
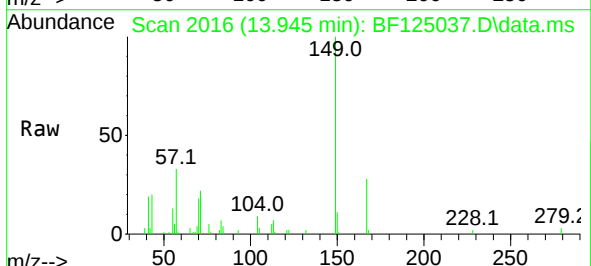
Tgt Ion:149 Resp: 30115

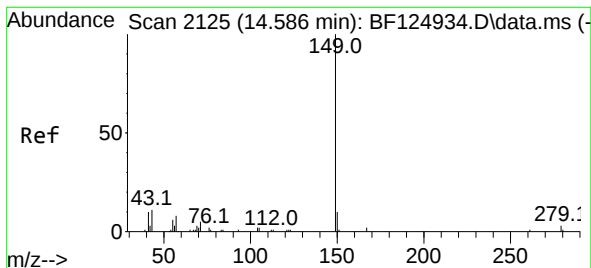
Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 3.2 2.6 4.0

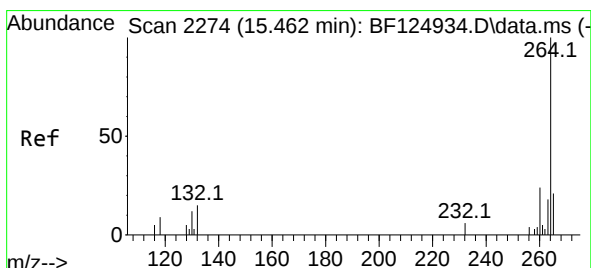
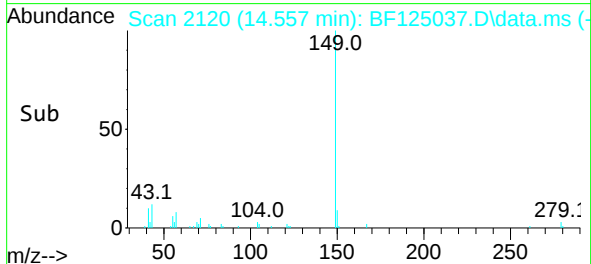
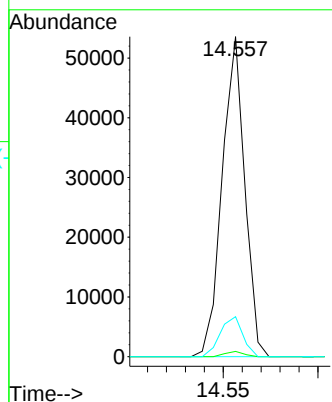
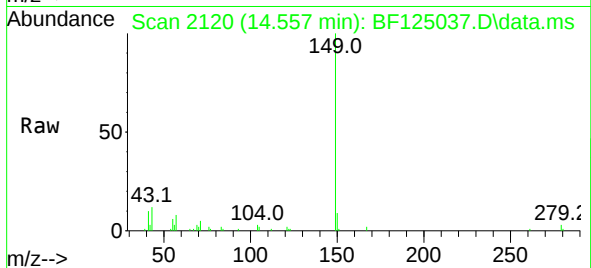




#85  
Di-n-octyl phthalate  
Concen: 48.790 ng  
RT: 14.557 min Scan# 2120  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

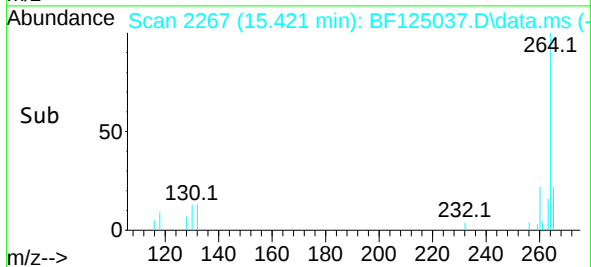
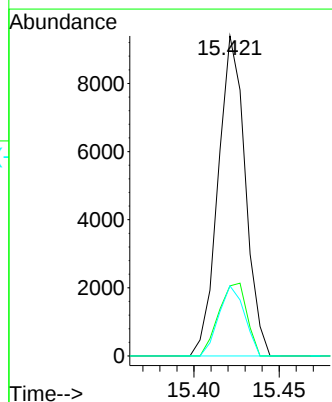
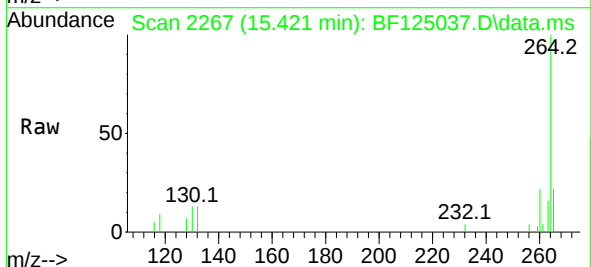
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

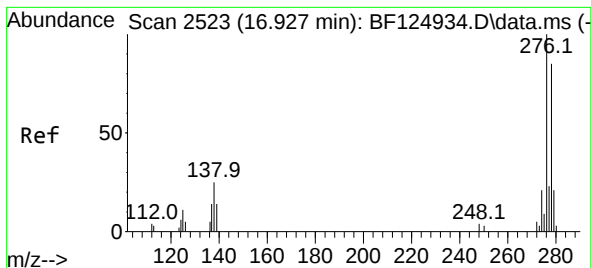
Tgt Ion:149 Resp: 44402  
Ion Ratio Lower Upper  
149 100  
167 1.3 1.0 1.6  
43 12.5 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.421 min Scan# 2267  
Delta R.T. 0.006 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:264 Resp: 10414  
Ion Ratio Lower Upper  
264 100  
260 21.9 19.6 29.4  
265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.704 ng

RT: 16.874 min Scan# 2514

Delta R.T. 0.012 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

Tgt Ion: 276 Resp: 33305

Ion Ratio Lower Upper

276 100

138 21.8 24.1 36.1#

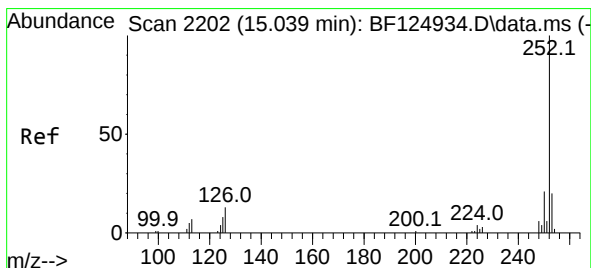
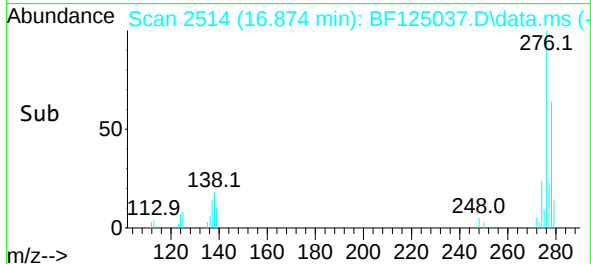
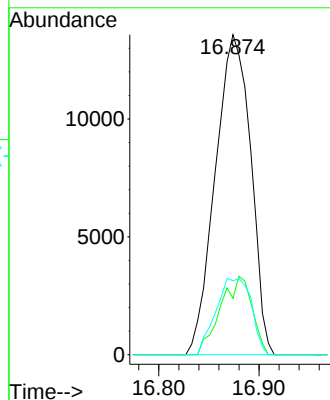
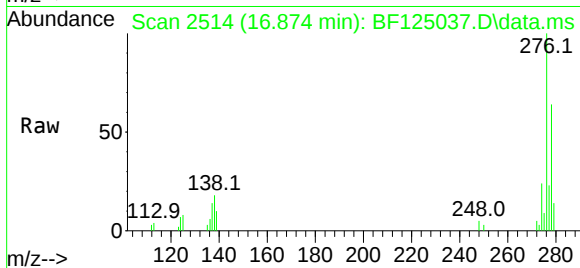
277 23.9 18.8 28.2

Instrument :

BNA\_F

ClientSampleId :

72-11930MS



#88

Benzo(b)fluoranthene

Concen: 41.920 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF125037.D

Acq: 10 Aug 2021 18:52

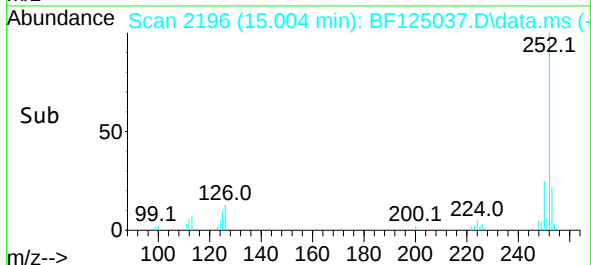
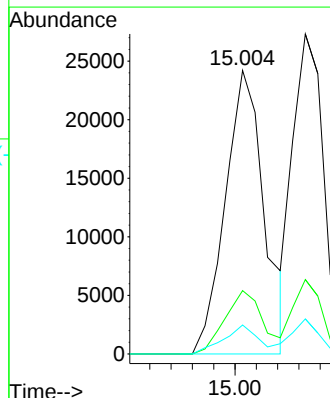
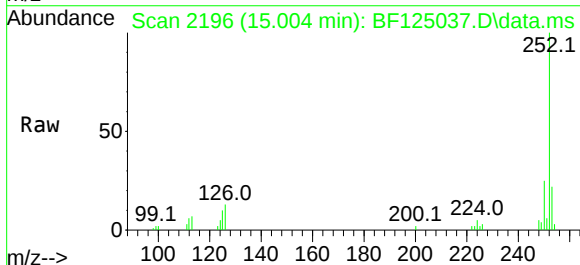
Tgt Ion: 252 Resp: 30653

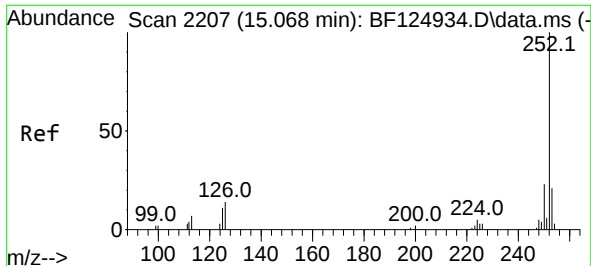
Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

125 10.2 9.8 14.8

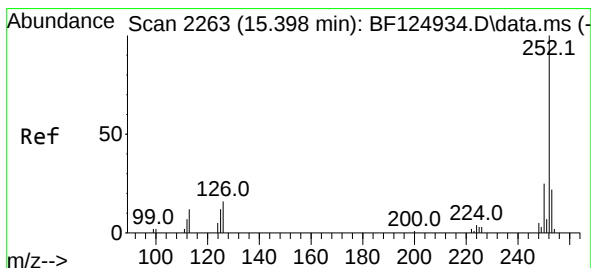
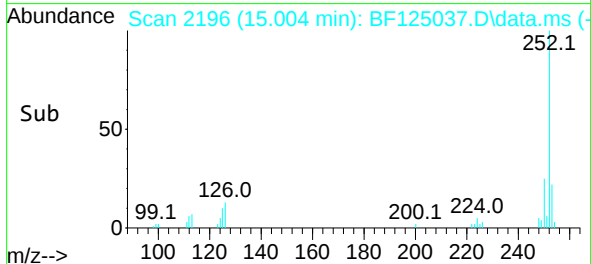
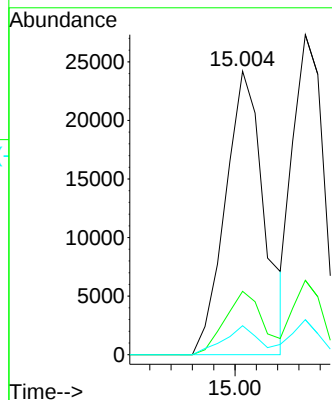
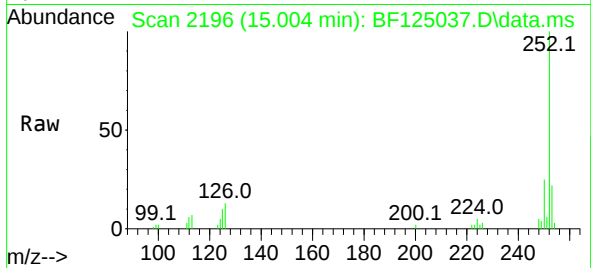




#89  
Benzo(k)fluoranthene  
Concen: 46.082 ng  
RT: 15.004 min Scan# 2196  
Delta R.T. -0.024 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

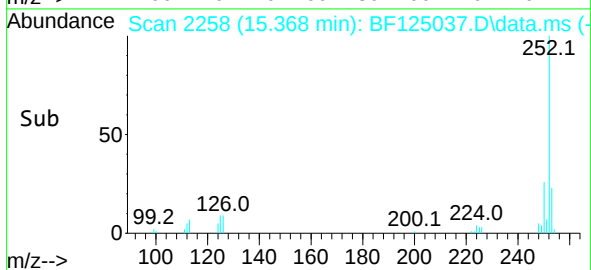
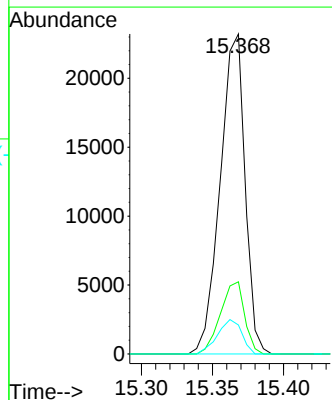
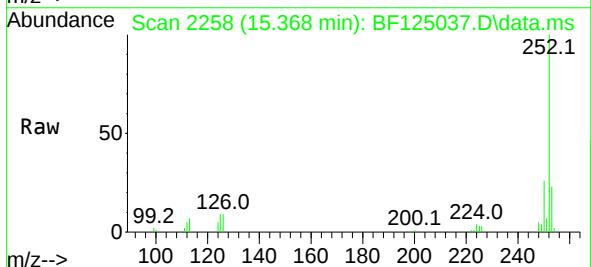
Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

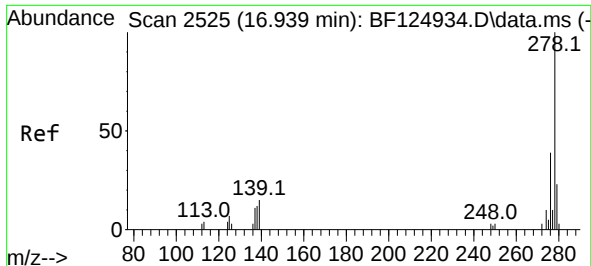
Tgt Ion:252 Resp: 30653  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 10.2 7.2 10.8



#90  
Benzo(a)pyrene  
Concen: 45.298 ng  
RT: 15.368 min Scan# 2258  
Delta R.T. 0.012 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:252 Resp: 28206  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.4 27.6  
125 9.1 9.9 14.9#

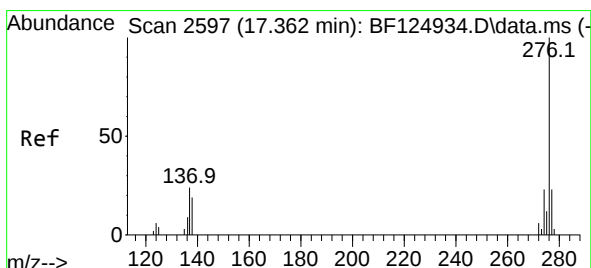
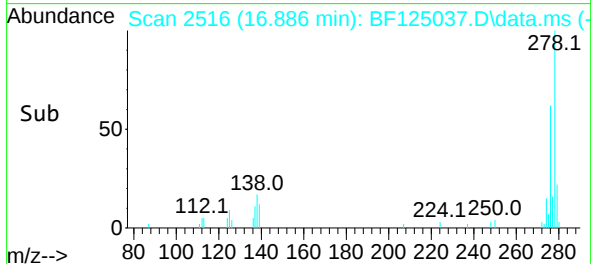
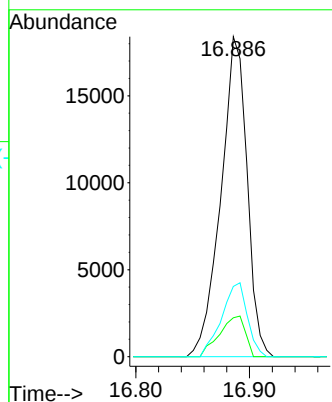
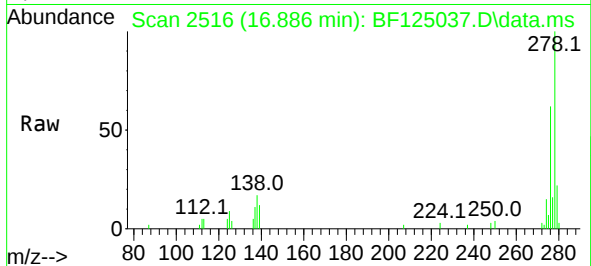




#91  
Dibenzo(a,h)anthracene  
Concen: 53.913 ng  
RT: 16.886 min Scan# 2516  
Delta R.T. 0.012 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
72-11930MS

Tgt Ion:278 Resp: 29397  
Ion Ratio Lower Upper  
278 100  
139 12.1 14.9 22.3#  
279 22.0 19.7 29.5



#92  
Benzo(g,h,i)perylene  
Concen: 55.072 ng  
RT: 17.321 min Scan# 2590  
Delta R.T. 0.018 min  
Lab File: BF125037.D  
Acq: 10 Aug 2021 18:52

Tgt Ion:276 Resp: 28805  
Ion Ratio Lower Upper  
276 100  
277 18.9 22.0 33.0#  
138 17.4 22.2 33.4#

