

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081021\  
 Data File : BF125031.D  
 Acq On : 10 Aug 2021 15:10  
 Operator : JU/CG  
 Sample : PB138299BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138299BS

Quant Time: Aug 10 17:55:28 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     | 6.810  | 152  | 4381     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.092  | 136  | 15688    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.851  | 164  | 9024     | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 16403    | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.974 | 240  | 16862    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.421 | 264  | 13460    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 40294    | 150.665 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.457  | 99   | 48901    | 145.009 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.380  | 82   | 30341    | 101.174 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 11022    | 136.715 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.169  | 172  | 43428    | 70.418  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.915 | 244  | 58998    | 59.020  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 5357     | 53.541  | ng    | # 100    |
| 3) Pyridine                   | 3.416  | 79   | 11062    | 47.580  | ng    | # 78     |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 8615     | 52.180  | ng    | # 86     |
| 6) Aniline                    | 6.481  | 93   | 16236    | 45.579  | ng    | # 88     |
| 8) 2-Chlorophenol             | 6.604  | 128  | 16831    | 57.373  | ng    | 89       |
| 9) Benzaldehyde               | 6.363  | 77   | 8541     | 46.553  | ng    | # 86     |
| 10) Phenol                    | 6.469  | 94   | 19360    | 55.640  | ng    | 79       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 16551    | 63.406  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.751  | 146  | 14966    | 46.871  | ng    | # 93     |
| 13) 1,4-Dichlorobenzene       | 6.828  | 146  | 14920    | 46.742  | ng    | # 91     |
| 14) 1,2-Dichlorobenzene       | 6.981  | 146  | 14023    | 46.878  | ng    | # 88     |
| 15) Benzyl Alcohol            | 6.957  | 79   | 12855    | 52.847  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.086  | 45   | 24337    | 58.194  | ng    | 87       |
| 17) 2-Methylphenol            | 7.075  | 107  | 12963    | 59.032  | ng    | # 91     |
| 18) Hexachloroethane          | 7.322  | 117  | 6814     | 54.525  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.228  | 70   | 12365    | 61.796  | ng    | # 87     |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 17205    | 59.021  | ng    | # 74     |
| 22) Acetophenone              | 7.228  | 105  | 24454    | 63.647  | ng    | 94       |
| 24) Nitrobenzene              | 7.398  | 77   | 18152    | 62.554  | ng    | # 86     |
| 25) Isophorone                | 7.639  | 82   | 27186    | 53.115  | ng    | # 85     |
| 26) 2-Nitrophenol             | 7.710  | 139  | 6694     | 45.427  | ng    | # 68     |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 11137    | 53.316  | ng    | # 71     |
| 28) bis(2-Chloroethoxy)met... | 7.845  | 93   | 17060    | 58.564  | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 10404    | 44.705  | ng    | 90       |
| 30) 1,2,4-Trichlorobenzene    | 8.033  | 180  | 11902    | 45.635  | ng    | 98       |
| 31) Naphthalene               | 8.116  | 128  | 37416    | 46.421  | ng    | 98       |
| 32) Benzoic acid              | 7.880  | 122  | 6138     | 49.334  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 7264     | 24.183  | ng    | # 91     |
| 34) Hexachlorobutadiene       | 8.233  | 225  | 8052     | 51.698  | ng    | 98       |
| 35) Caprolactam               | 8.545  | 113  | 1604     | 25.954  | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 12735    | 52.312  | ng    | 85       |
| 37) 2-Methylnaphthalene       | 8.810  | 142  | 25314    | 46.711  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.910  | 142  | 22755    | 44.874  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.975  | 216  | 12459    | 48.101  | ng    | # 96     |
| 41) Hexachlorocyclopentadiene | 8.957  | 237  | 11751    | 116.578 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 9.086  | 196  | 7904     | 45.839  | ng    | 95       |

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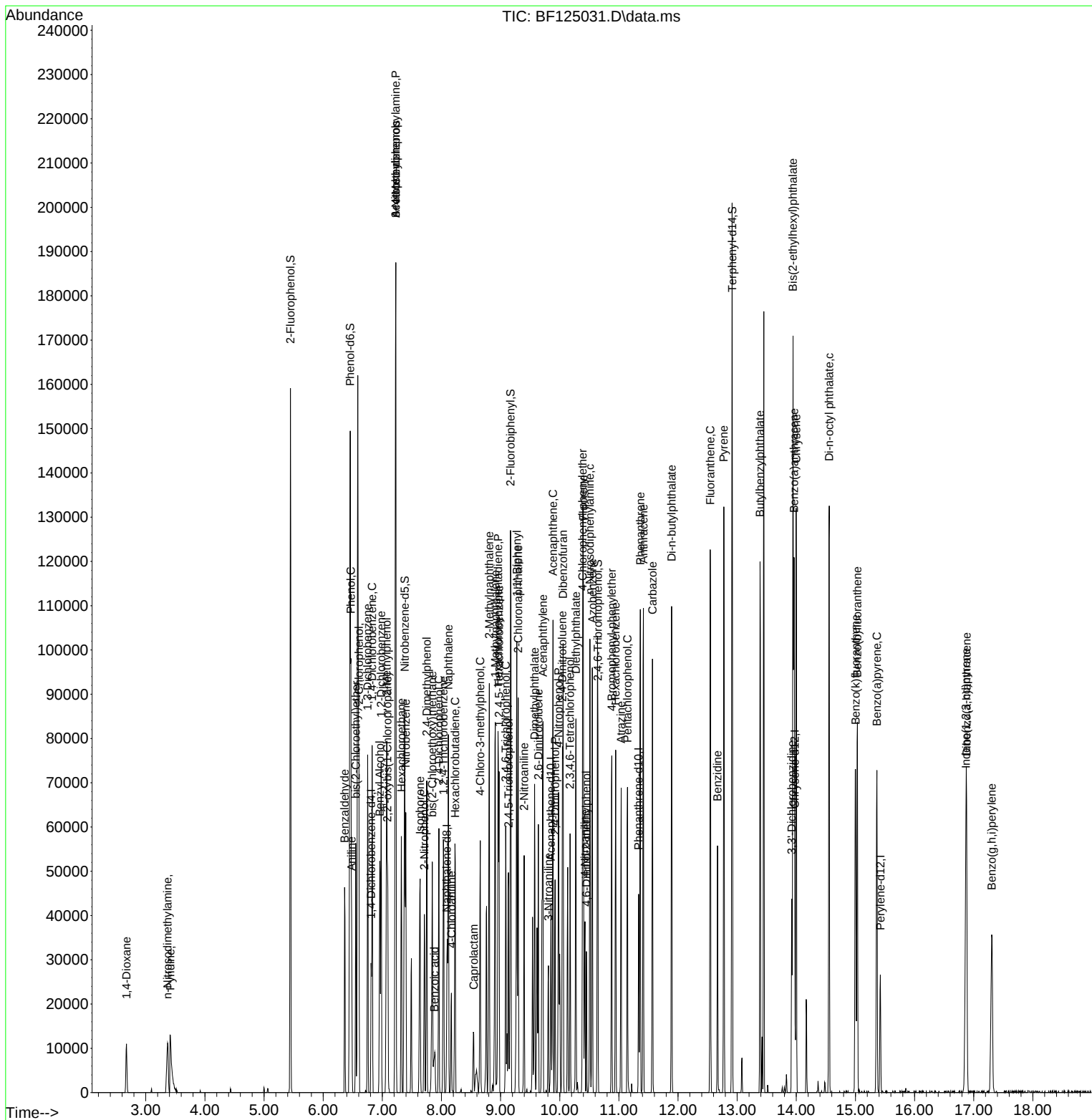
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138299BS

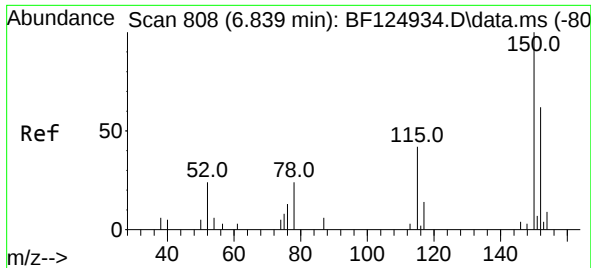
Quant Time: Aug 10 17:55:28 2021  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 10 11:32:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.133  | 196  | 8267     | 47.363 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 9.274  | 154  | 30572    | 45.463 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 9.298  | 162  | 24643    | 46.061 | ng    | 94       |
| 48) 2-Nitroaniline            | 9.398  | 65   | 8541     | 54.347 | ng    | # 79     |
| 49) Acenaphthylene            | 9.716  | 152  | 37665    | 46.348 | ng    | 98       |
| 50) Dimethylphthalate         | 9.574  | 163  | 28935    | 47.317 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 5935     | 43.585 | ng    | # 75     |
| 52) Acenaphthene              | 9.886  | 154  | 21724    | 44.095 | ng    | 96       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 3722     | 25.951 | ng    | # 71     |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 5429     | 78.719 | ng    | 95       |
| 55) Dibenzofuran              | 10.057 | 168  | 34003    | 44.162 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.980  | 139  | 8060     | 85.253 | ng    | # 67     |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 8244     | 44.592 | ng    | 95       |
| 58) Fluorene                  | 10.398 | 166  | 27109    | 45.918 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.174 | 232  | 6308     | 48.167 | ng    | # 93     |
| 60) Diethylphthalate          | 10.274 | 149  | 30821    | 49.113 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204  | 13301    | 47.708 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.427 | 138  | 5887     | 42.277 | ng    | 96       |
| 63) Azobenzene                | 10.551 | 77   | 32773    | 53.404 | ng    | 88       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 3483     | 33.894 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 10.510 | 169  | 23291    | 43.810 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248  | 8547     | 47.573 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.945 | 284  | 9437     | 48.281 | ng    | 93       |
| 69) Atrazine                  | 11.039 | 200  | 8178     | 51.192 | ng    | 95       |
| 70) Pentachlorophenol         | 11.145 | 266  | 8192     | 88.279 | ng    | 92       |
| 71) Phenanthrene              | 11.363 | 178  | 39303    | 44.171 | ng    | 97       |
| 72) Anthracene                | 11.416 | 178  | 42371    | 47.468 | ng    | 98       |
| 73) Carbazole                 | 11.568 | 167  | 34365    | 41.981 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 51191    | 49.206 | ng    | 98       |
| 75) Fluoranthene              | 12.545 | 202  | 49903    | 54.213 | ng    | 97       |
| 77) Benzidine                 | 12.668 | 184  | 19169    | 42.487 | ng    | 98       |
| 78) Pyrene                    | 12.774 | 202  | 51182    | 38.536 | ng    | 96       |
| 80) Butylbenzylphthalate      | 13.386 | 149  | 27761    | 46.968 | ng    | 93       |
| 81) Benzo(a)anthracene        | 13.962 | 228  | 48768    | 44.381 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.921 | 252  | 10179    | 35.137 | ng    | 97       |
| 83) Chrysene                  | 13.998 | 228  | 47338    | 44.563 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 41661    | 50.810 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.557 | 149  | 63786    | 49.310 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.868 | 276  | 38376    | 47.877 | ng    | 93       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 37900    | 40.101 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.004 | 252  | 41036    | 47.731 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.362 | 252  | 36573    | 45.444 | ng    | 95       |
| 91) Dibenzo(a,h)anthracene    | 16.880 | 278  | 32010    | 45.420 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.303 | 276  | 30830    | 45.605 | ng    | # 91     |

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

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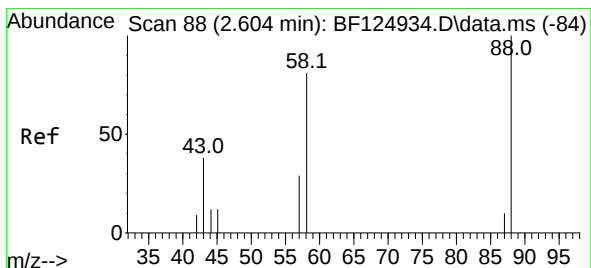
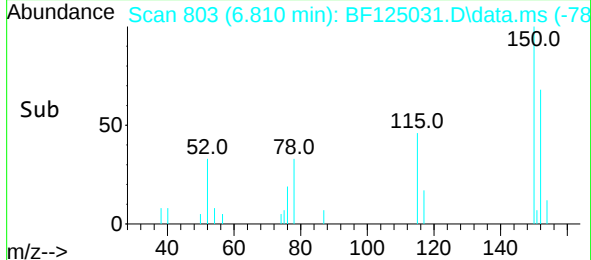
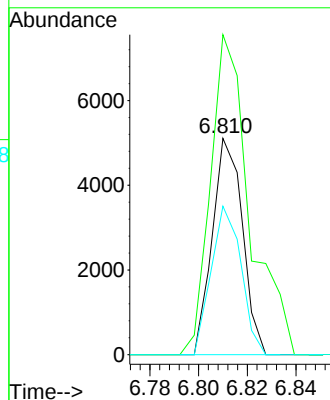
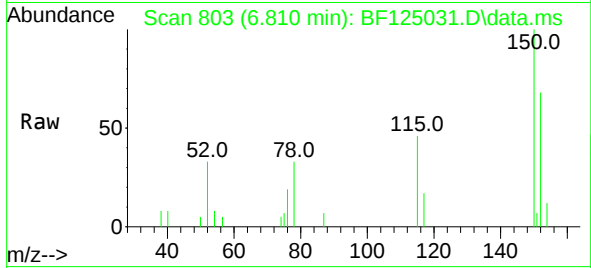




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.810 min Scan# 803  
 Delta R.T. -0.006 min  
 Lab File: BF125031.D  
 Acq: 10 Aug 2021 15:10

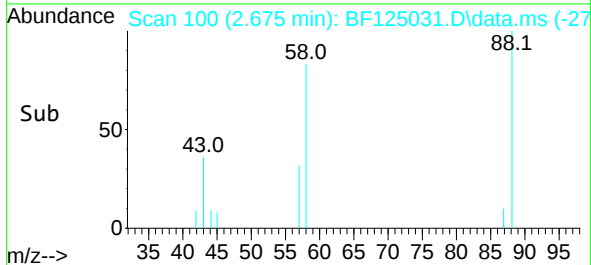
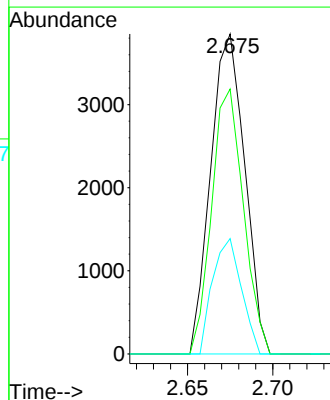
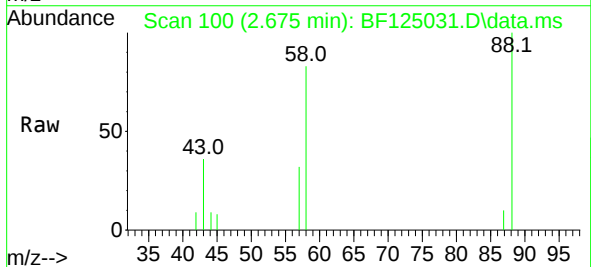
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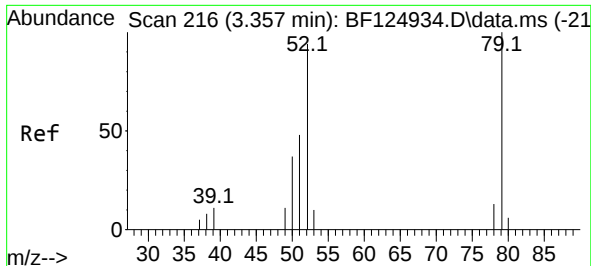
Tgt Ion:152 Resp: 4381  
 Ion Ratio Lower Upper  
 152 100  
 150 147.9 117.6 176.4  
 115 68.6 47.1 70.7



#2  
 1,4-Dioxane  
 Concen: 53.541 ng  
 RT: 2.675 min Scan# 100  
 Delta R.T. 0.129 min  
 Lab File: BF125031.D  
 Acq: 10 Aug 2021 15:10

Tgt Ion: 88 Resp: 5357  
 Ion Ratio Lower Upper  
 88 100  
 58 77.2 0.0 0.0#  
 43 30.4 0.0 0.0#

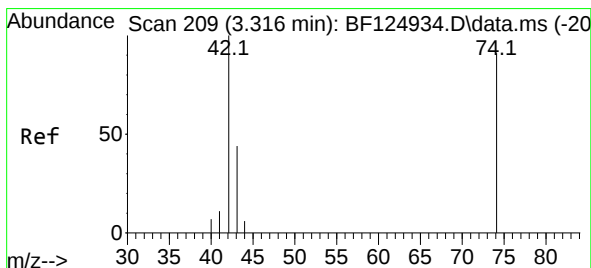
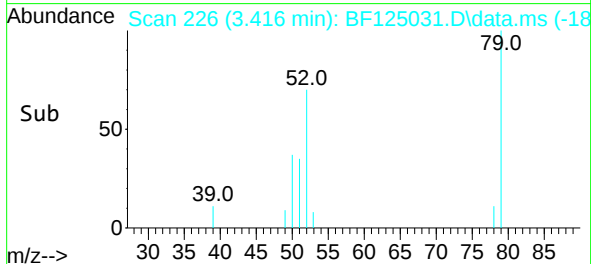
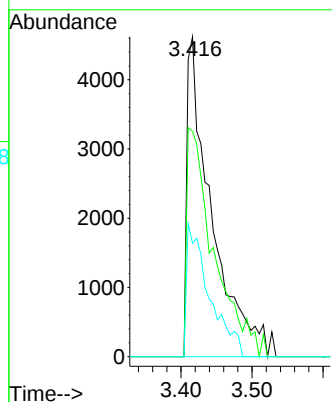
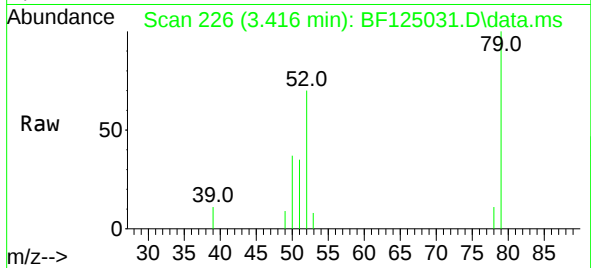




#3  
Pyridine  
Concen: 47.580 ng  
RT: 3.416 min Scan# 226  
Delta R.T. 0.123 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

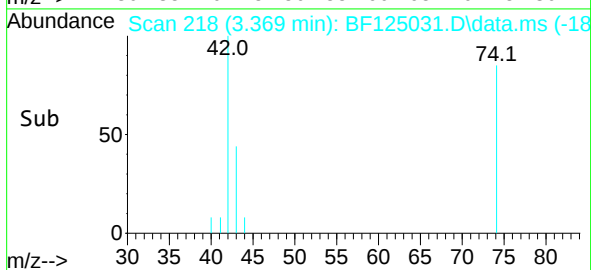
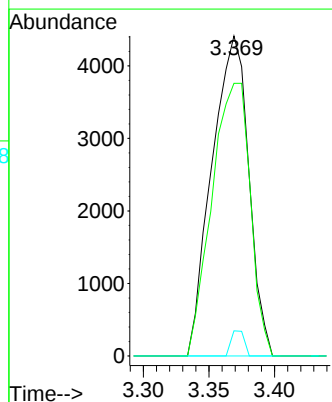
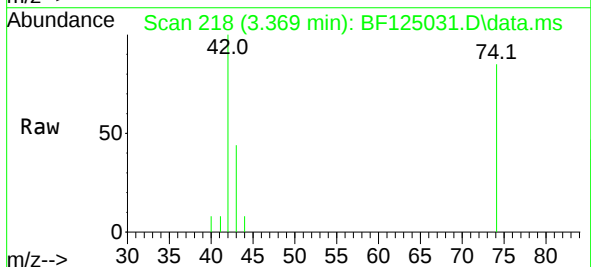
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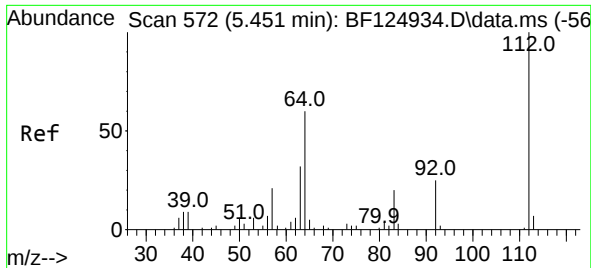
Tgt Ion: 79 Resp: 11062  
Ion Ratio Lower Upper  
79 100  
52 70.4 70.3 105.5  
51 35.5 44.1 66.1#



#4  
n-Nitrosodimethylamine  
Concen: 52.180 ng  
RT: 3.369 min Scan# 218  
Delta R.T. 0.118 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion: 42 Resp: 8615  
Ion Ratio Lower Upper  
42 100  
74 85.2 59.0 88.6  
44 7.9 0.0 0.0#

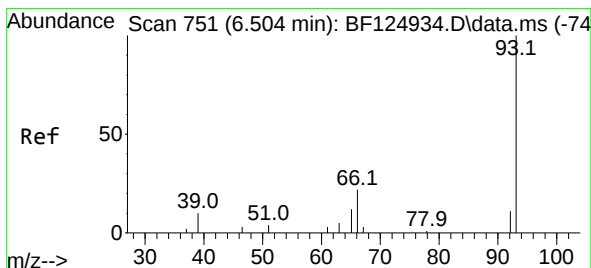
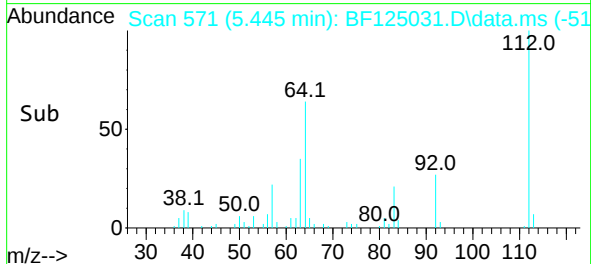
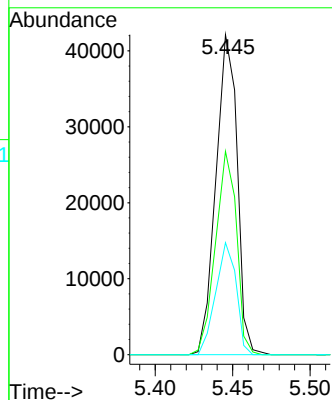
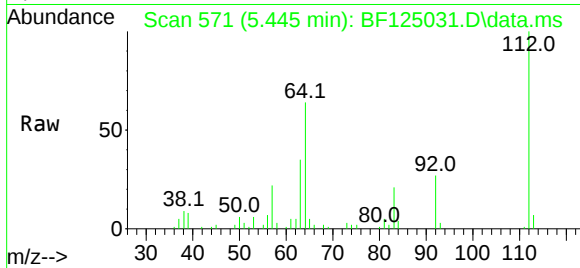




#5  
2-Fluorophenol  
Concen: 150.665 ng  
RT: 5.445 min Scan# 571  
Delta R.T. 0.012 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

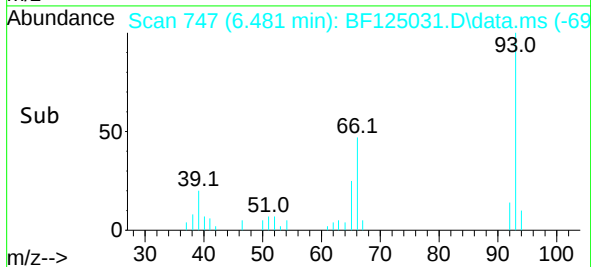
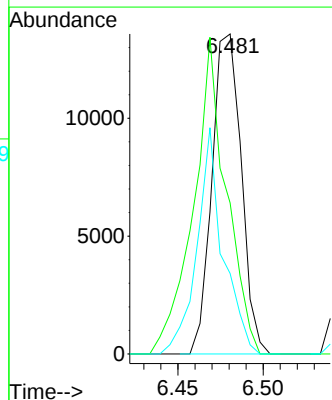
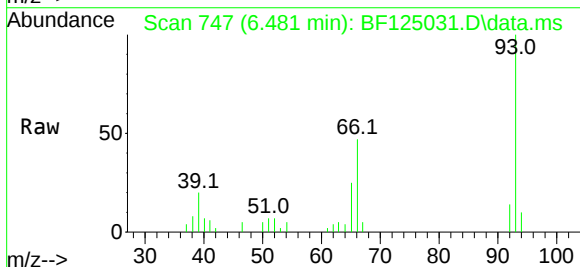
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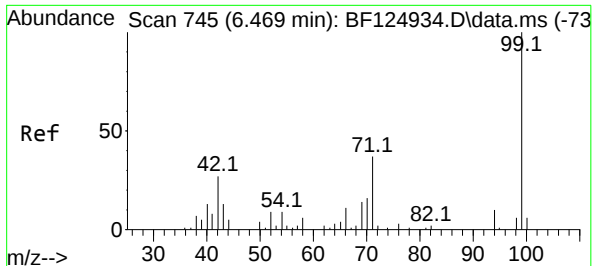
Tgt Ion:112 Resp: 40294  
Ion Ratio Lower Upper  
112 100  
64 63.6 44.2 66.2  
63 35.0 26.2 39.2



#6  
Aniline  
Concen: 45.579 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
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Tgt Ion: 93 Resp: 16236  
Ion Ratio Lower Upper  
93 100  
66 47.2 32.7 49.1  
65 25.1 14.2 21.4#

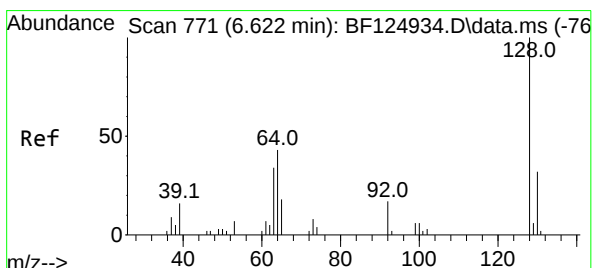
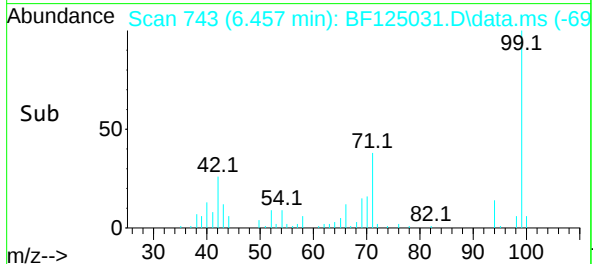
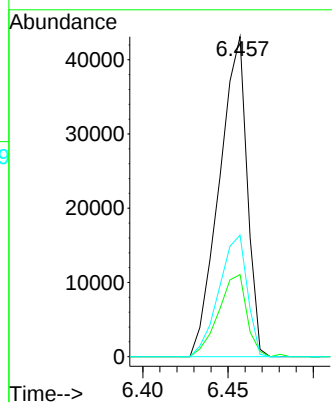
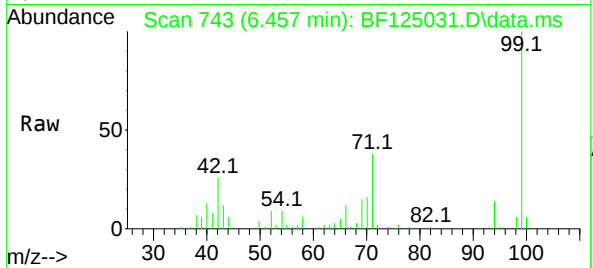




#7  
Phenol-d6  
Concen: 145.009 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

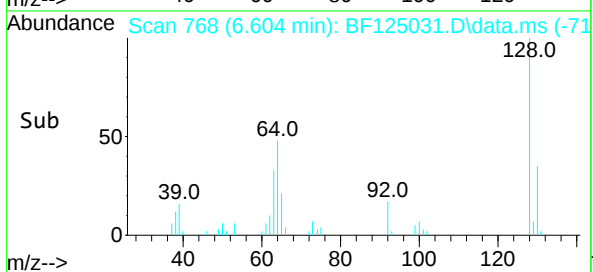
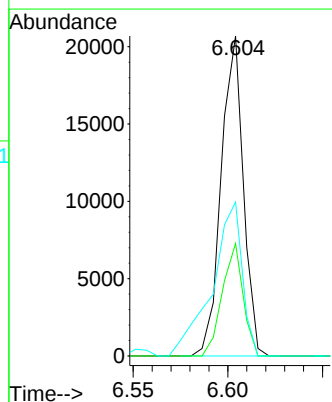
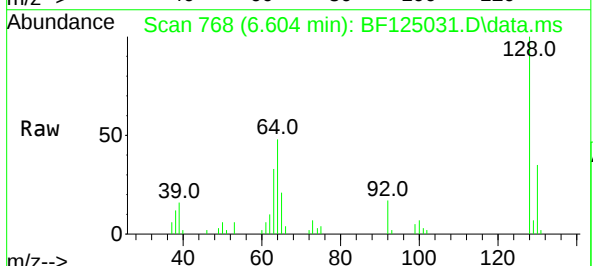
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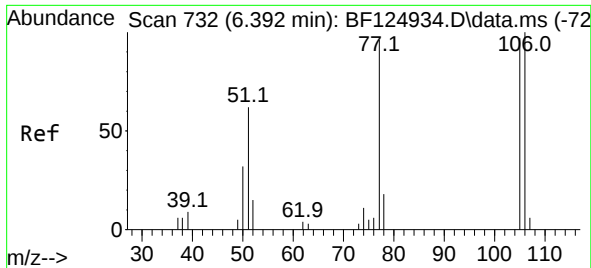
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|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 48901 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 25.7  | 23.5  | 35.3  |
| 71       | 38.0  | 25.6  | 38.4  |



#8  
2-Chlorophenol  
Concen: 57.373 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 16831 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 35.2  | 10.5  | 50.5  |
| 64       | 48.1  | 20.3  | 60.3  |

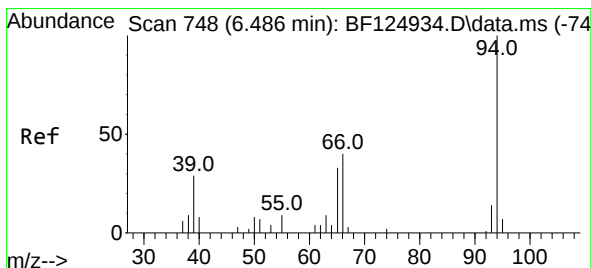
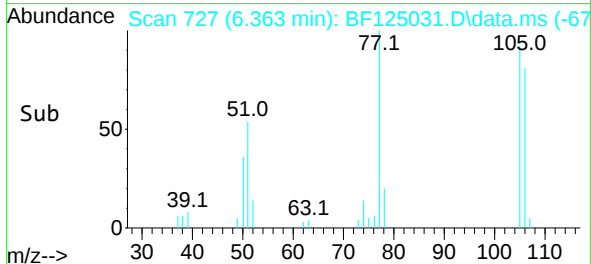
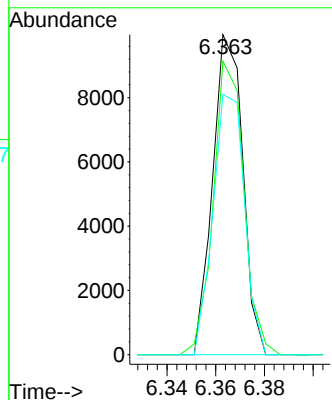
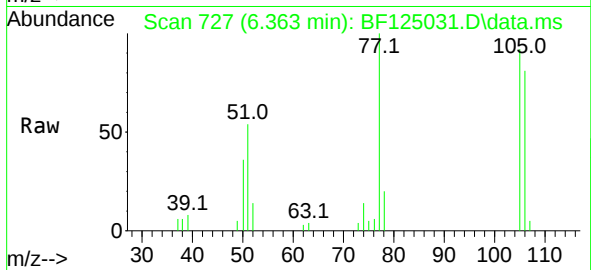




#9  
Benzaldehyde  
Concen: 46.553 ng  
RT: 6.363 min Scan# 727  
Delta R.T. -0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

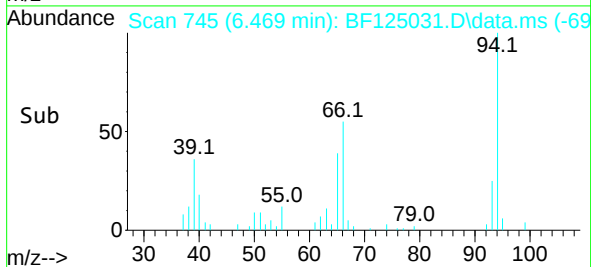
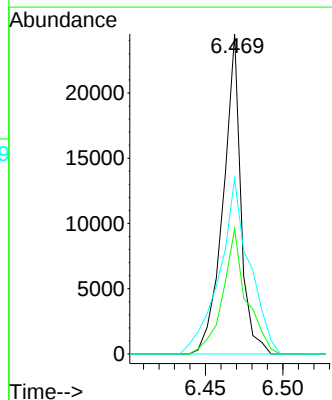
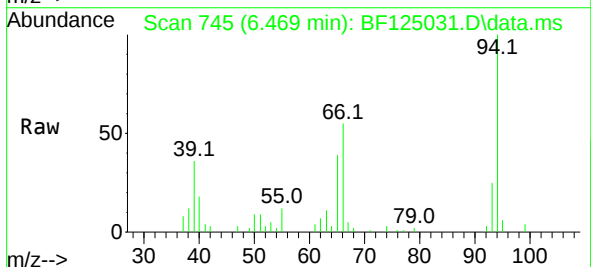
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

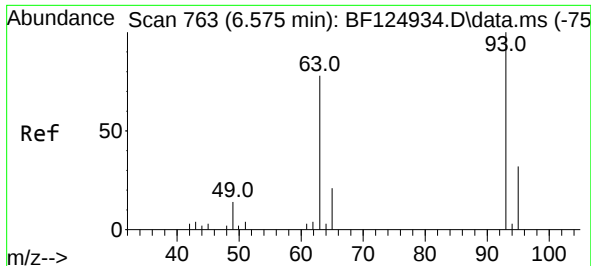
Tgt Ion: 77 Resp: 8541  
Ion Ratio Lower Upper  
77 100  
105 91.7 75.9 115.9  
106 81.3 84.0 124.0#



#10  
Phenol  
Concen: 55.640 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

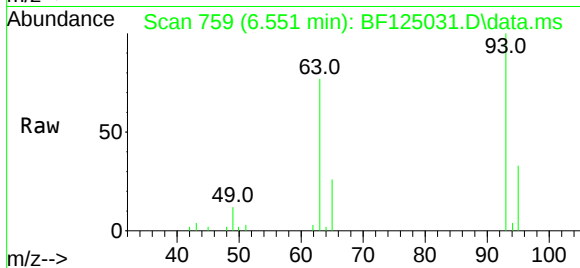
Tgt Ion: 94 Resp: 19360  
Ion Ratio Lower Upper  
94 100  
65 39.2 9.3 49.3  
66 54.8 20.3 60.3



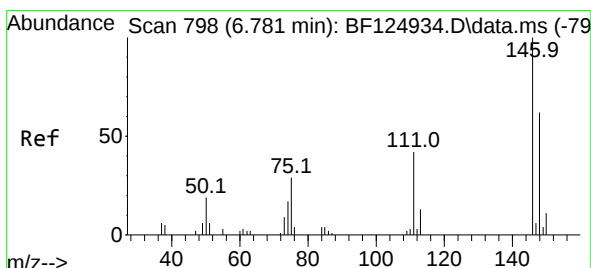
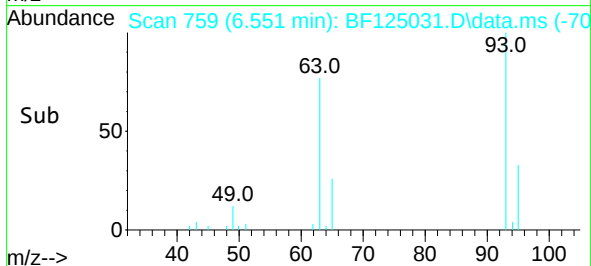
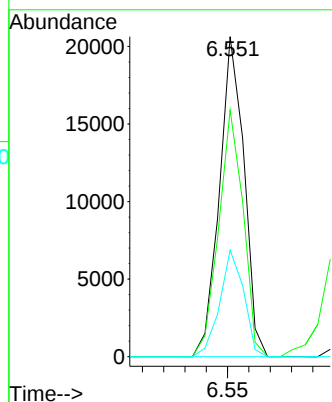


#11  
bis(2-Chloroethyl)ether  
Concen: 63.406 ng  
RT: 6.551 min Scan# 759  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

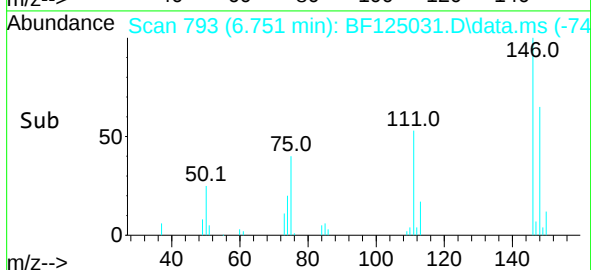
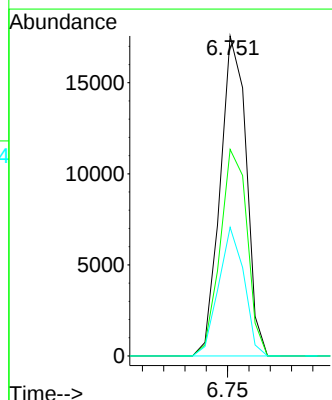
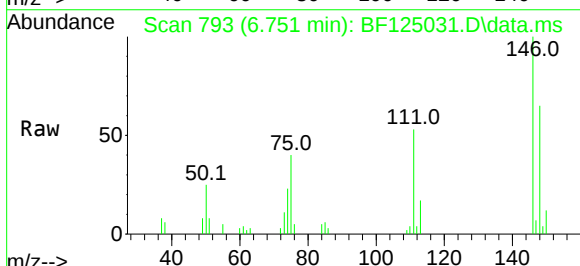


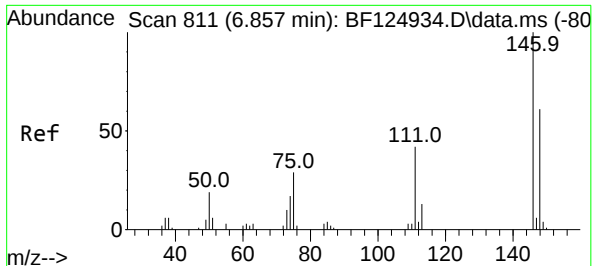
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 16551 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 77.1     | 54.4 94.4   |
| 95 33.3     | 11.4 51.4   |



#12  
1,3-Dichlorobenzene  
Concen: 46.871 ng  
RT: 6.751 min Scan# 793  
Delta R.T. -0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|              |             |
|--------------|-------------|
| Tgt Ion: 146 | Resp: 14966 |
| Ion Ratio    | Lower Upper |
| 146 100      |             |
| 148 64.6     | 49.7 74.5   |
| 75 40.2      | 25.2 37.8   |





#13

1,4-Dichlorobenzene

Concen: 46.742 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF125031.D

Acq: 10 Aug 2021 15:10

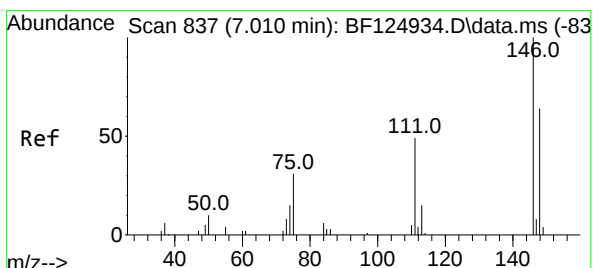
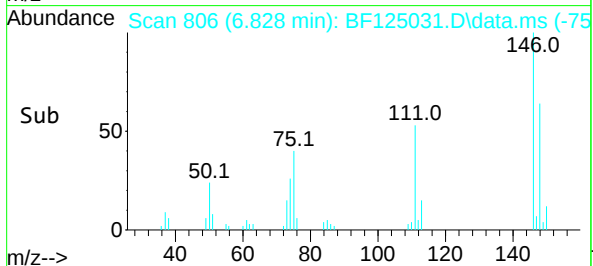
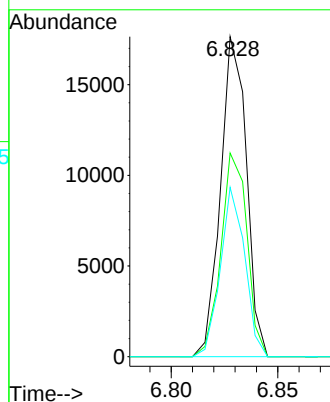
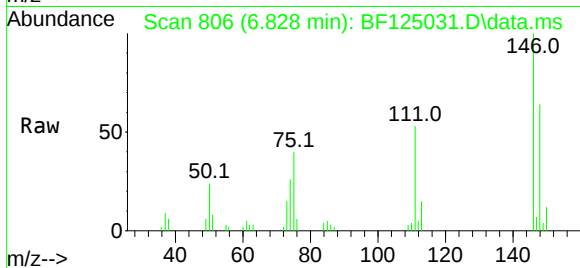
Instrument :

BNA\_F

ClientSampleId :

PB138299BS

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:146 | Resp: | 14920      |
| Ion Ratio   | Lower | Upper      |
| 146         | 100   |            |
| 148         | 63.7  | 51.9 77.9  |
| 111         | 52.9  | 31.8 47.6# |



#14

1,2-Dichlorobenzene

Concen: 46.878 ng

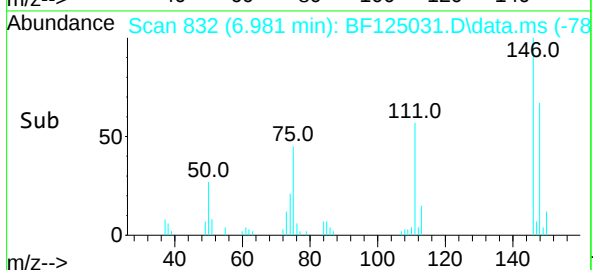
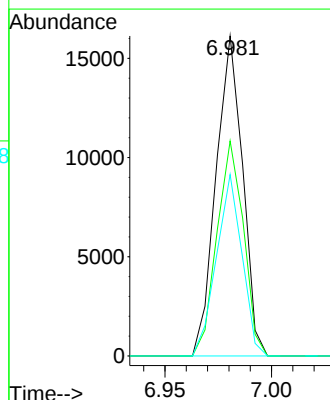
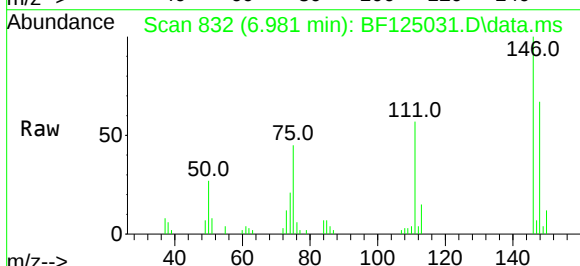
RT: 6.981 min Scan# 832

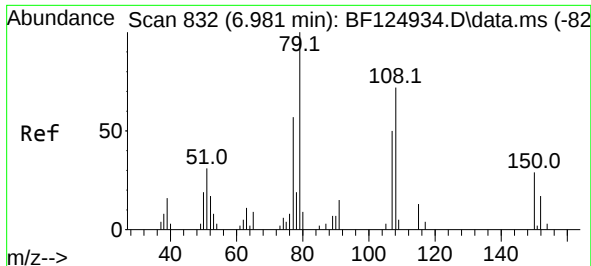
Delta R.T. -0.006 min

Lab File: BF125031.D

Acq: 10 Aug 2021 15:10

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:146 | Resp: | 14023      |
| Ion Ratio   | Lower | Upper      |
| 146         | 100   |            |
| 148         | 67.2  | 50.6 75.8  |
| 111         | 56.7  | 33.5 50.3# |

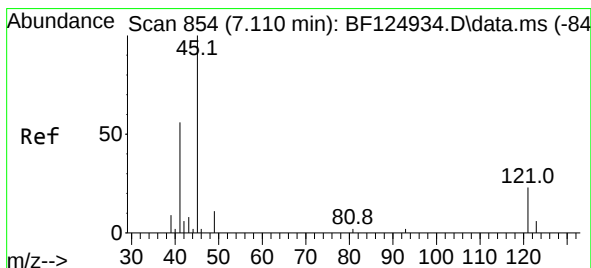
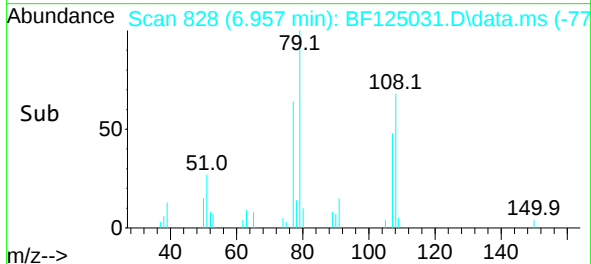
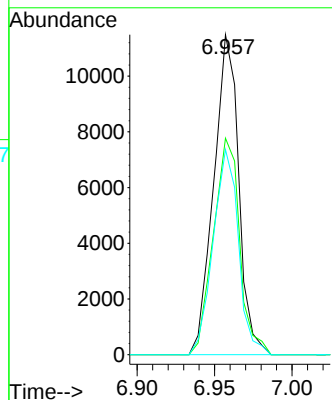
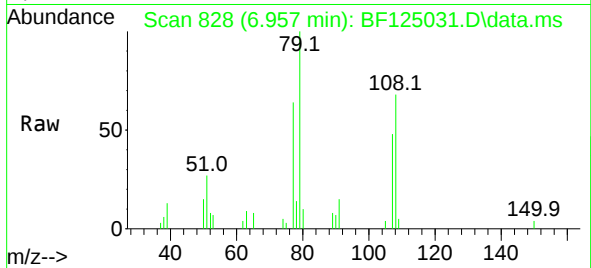




#15  
Benzyl Alcohol  
Concen: 52.847 ng  
RT: 6.957 min Scan# 828  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

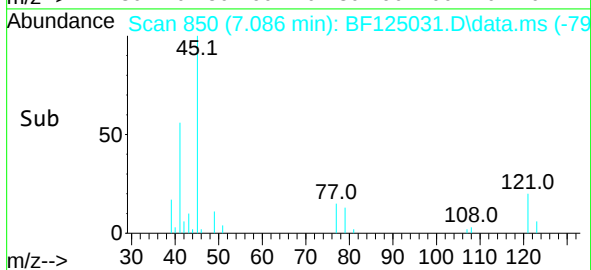
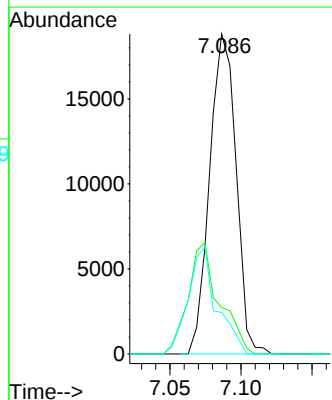
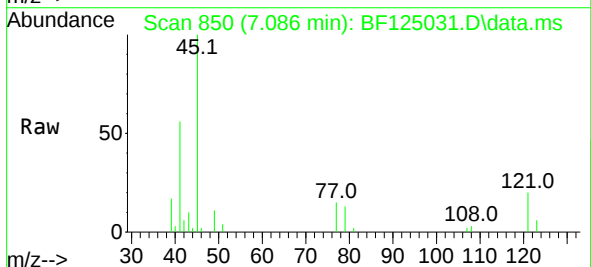
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

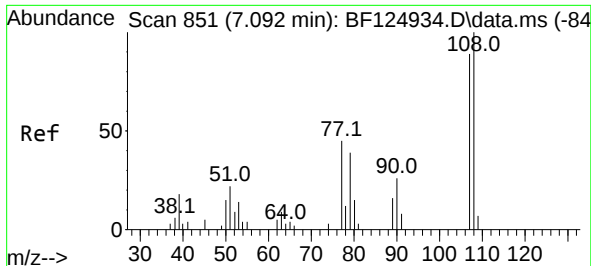
Tgt Ion: 79 Resp: 12855  
Ion Ratio Lower Upper  
79 100  
108 67.7 60.4 90.6  
77 64.1 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 58.194 ng  
RT: 7.086 min Scan# 850  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion: 45 Resp: 24337  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 30.6  
79 13.0 0.0 27.5

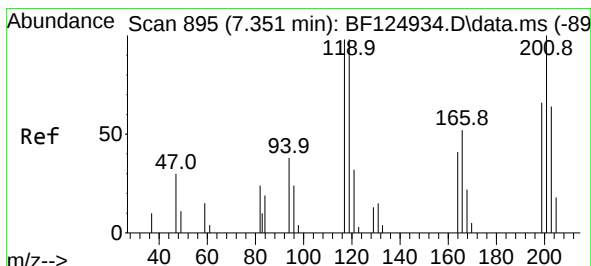
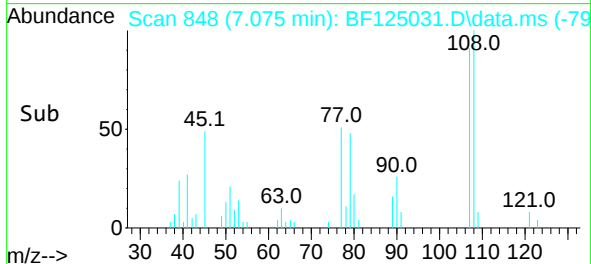
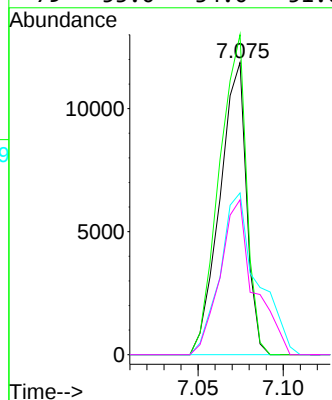
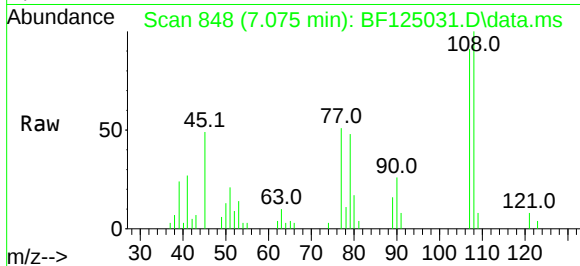




#17  
2-Methylphenol  
Concen: 59.032 ng  
RT: 7.075 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

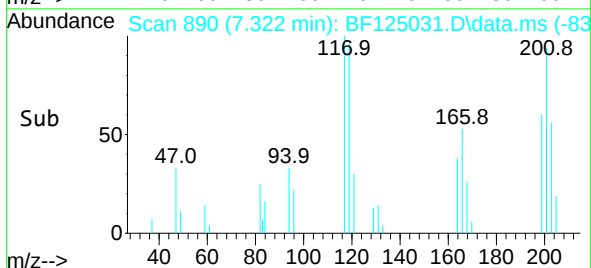
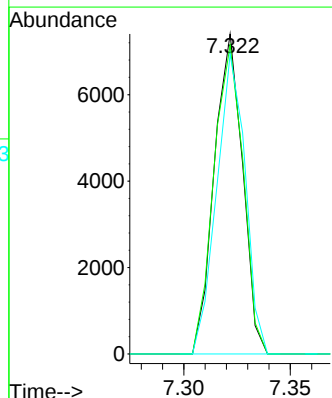
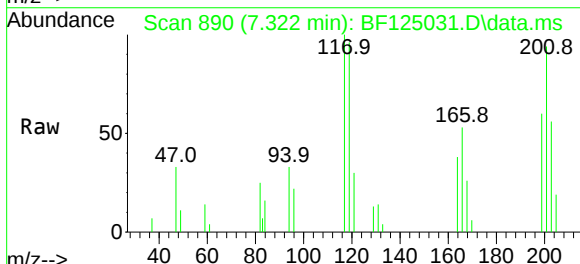
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

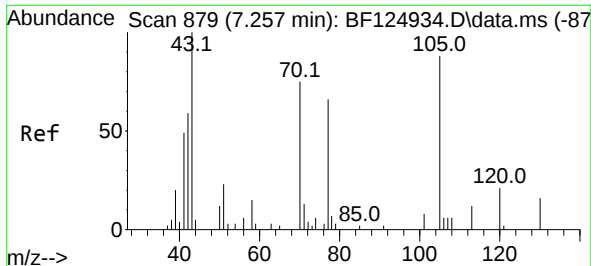
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 12963 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 109.5 | 90.6  | 135.8 |
| 77       | 55.3  | 35.7  | 53.5# |
| 79       | 53.0  | 34.0  | 51.0# |



#18  
Hexachloroethane  
Concen: 54.525 ng  
RT: 7.322 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 6814  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.4  | 73.4  | 110.2 |
| 201      | 93.7  | 64.9  | 97.3  |

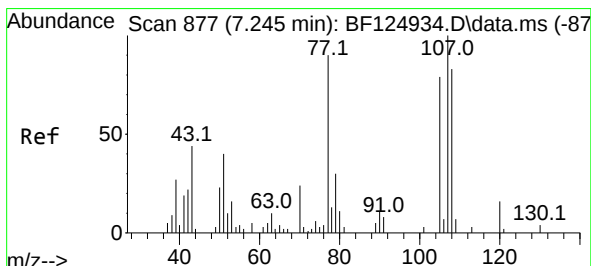
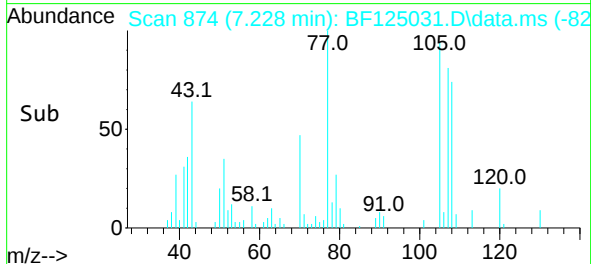
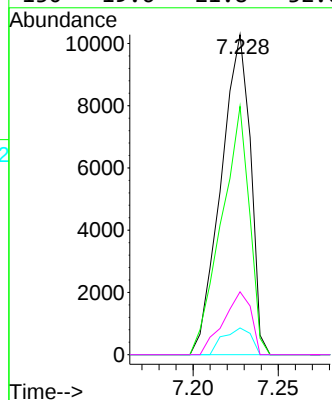
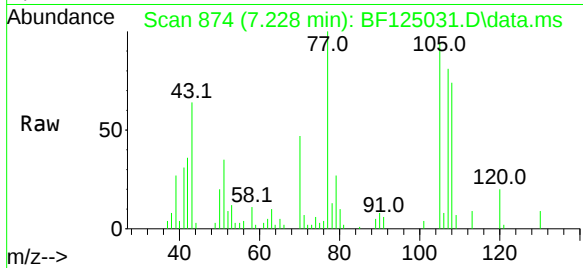




#19  
n-Nitroso-di-n-propylamine  
Concen: 61.796 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

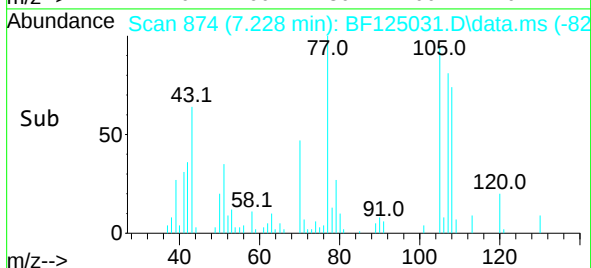
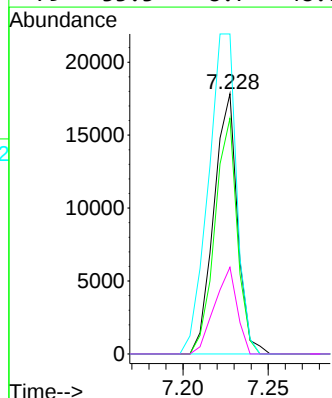
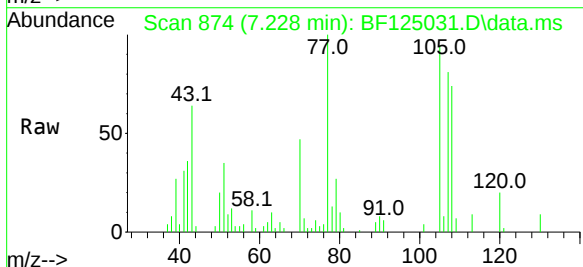
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

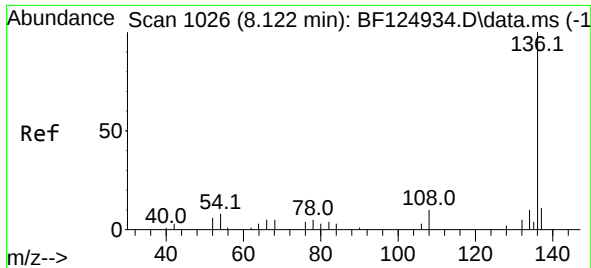
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 12365 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 77.6  | 72.2  | 108.2 |
| 101      | 8.4   | 7.8   | 11.8  |
| 130      | 19.6  | 21.8  | 32.6# |



#20  
3+4-Methylphenols  
Concen: 59.021 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 17205 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 90.6  | 76.6  | 116.6 |
| 77       | 123.0 | 53.3  | 93.3# |
| 79       | 33.3  | 8.7   | 48.7  |

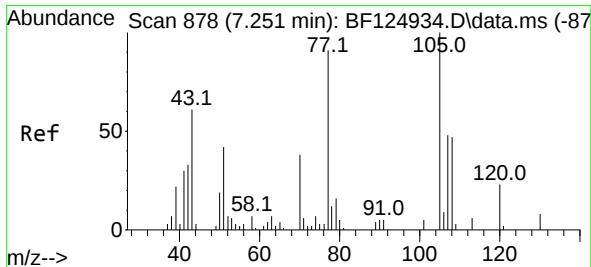
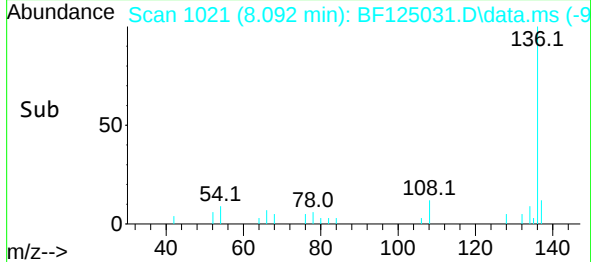
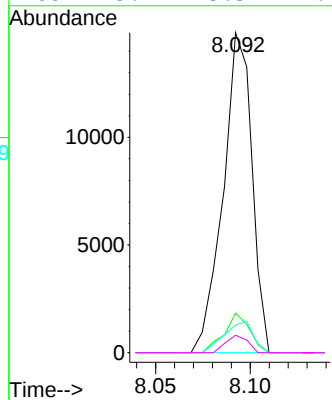
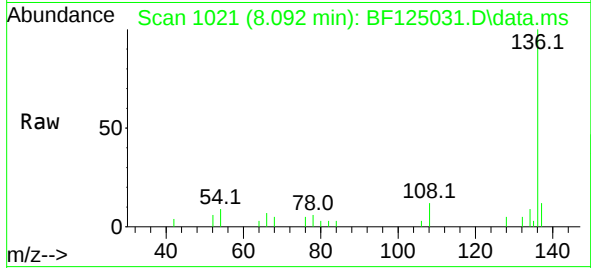




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

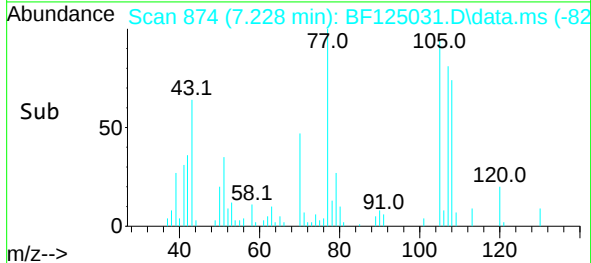
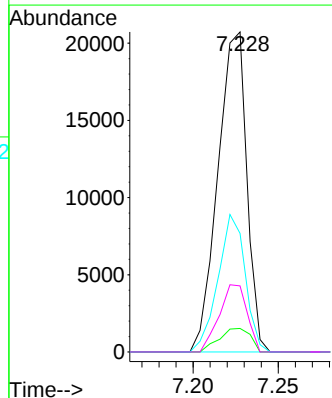
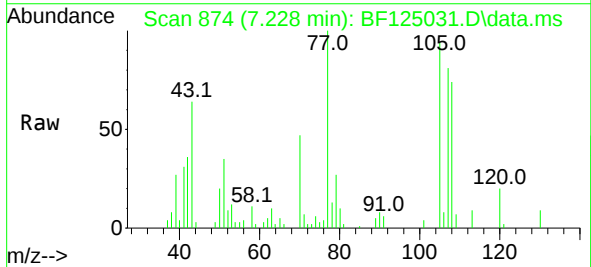
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

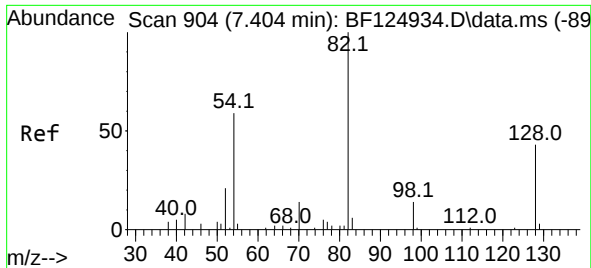
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 15688    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 12.4  | 9.8 14.6 |
| 54          | 8.7   | 6.4 9.6  |
| 68          | 5.4   | 3.3 4.9# |



#22  
Acetophenone  
Concen: 63.647 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 24454     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 7.4   | 5.5 8.3   |
| 51          | 37.1  | 26.0 39.0 |
| 120         | 20.6  | 18.5 27.7 |

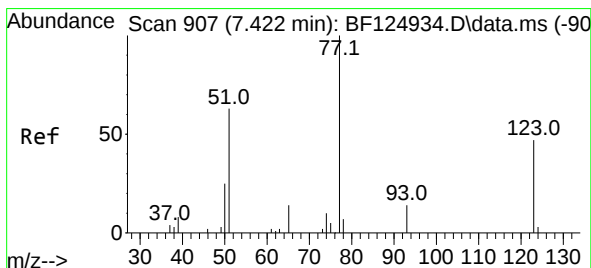
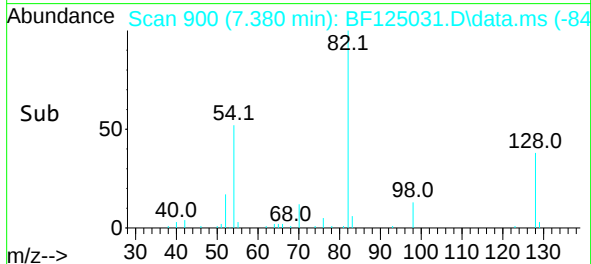
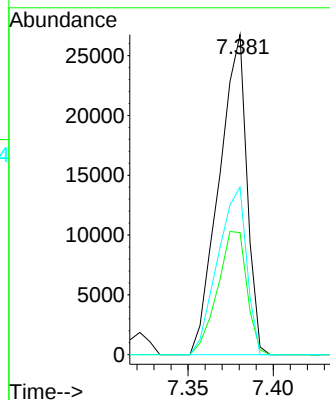
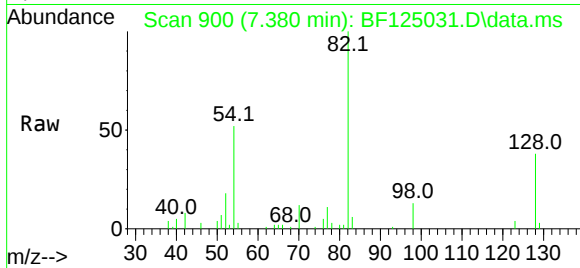




#23  
Nitrobenzene-d5  
Concen: 101.174 ng  
RT: 7.380 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

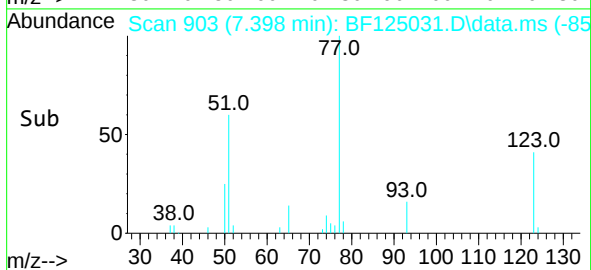
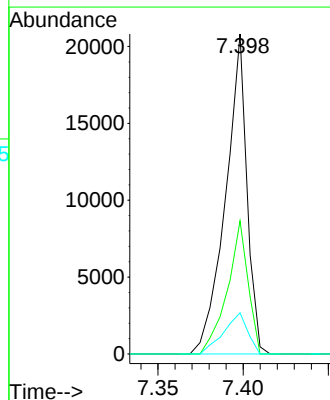
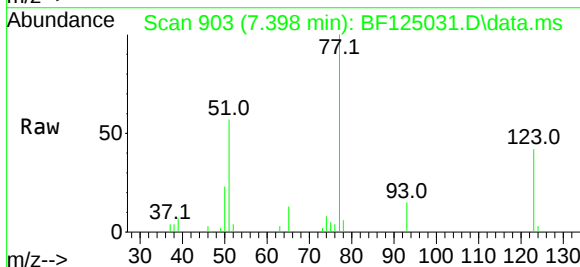
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

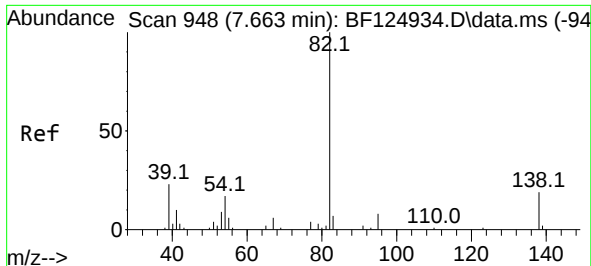
Tgt Ion: 82 Resp: 30341  
Ion Ratio Lower Upper  
82 100  
128 38.1 40.6 60.8#  
54 52.4 49.6 74.4



#24  
Nitrobenzene  
Concen: 62.554 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion: 77 Resp: 18152  
Ion Ratio Lower Upper  
77 100  
123 41.6 42.3 63.5#  
65 12.8 12.4 18.6

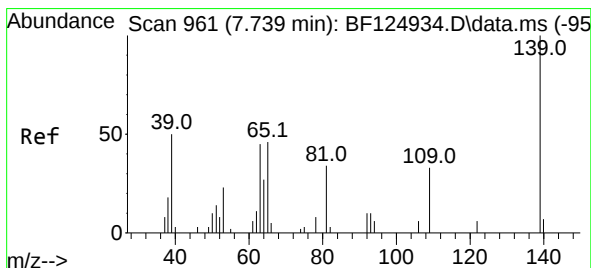
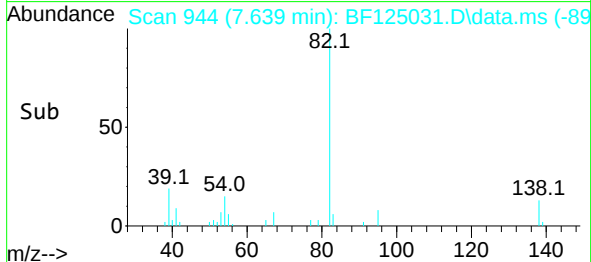
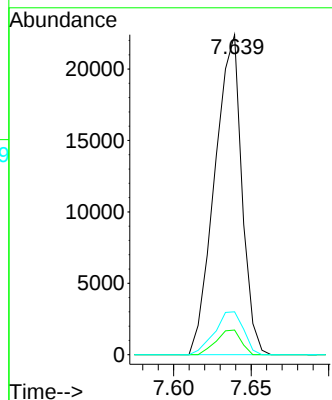
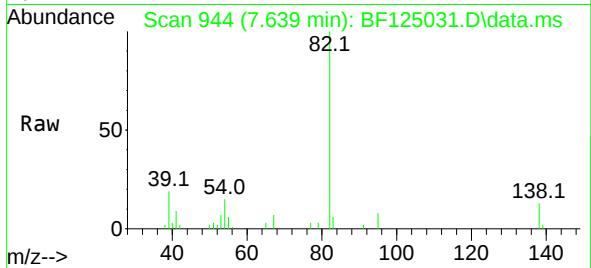




#25  
Isophorone  
Concen: 53.115 ng  
RT: 7.639 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

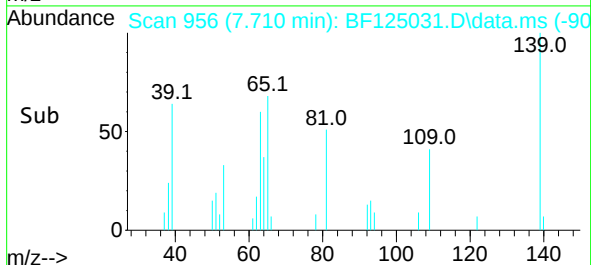
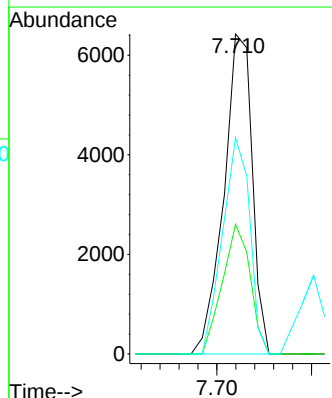
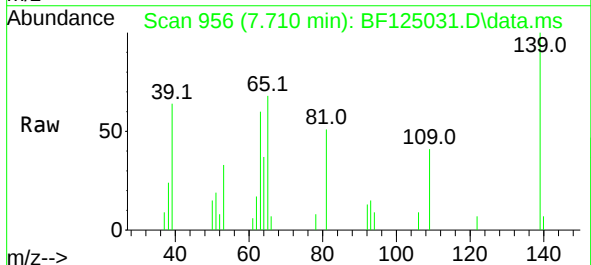
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

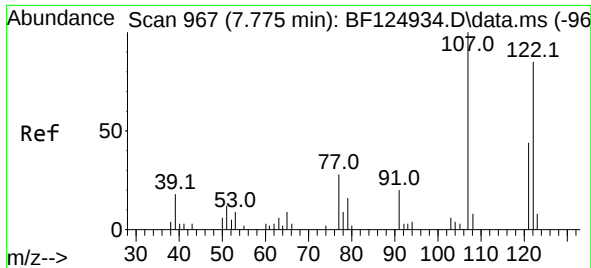
Tgt Ion: 82 Resp: 27186  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.5 9.7  
138 13.4 18.4 27.6#



#26  
2-Nitrophenol  
Concen: 45.427 ng  
RT: 7.710 min Scan# 956  
Delta R.T. -0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion: 139 Resp: 6694  
Ion Ratio Lower Upper  
139 100  
109 40.5 26.0 39.0#  
65 67.6 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 53.316 ng

RT: 7.751 min Scan# 963

Delta R.T. -0.000 min

Lab File: BF125031.D

Acq: 10 Aug 2021 15:10

Instrument :

BNA\_F

ClientSampleId :

PB138299BS

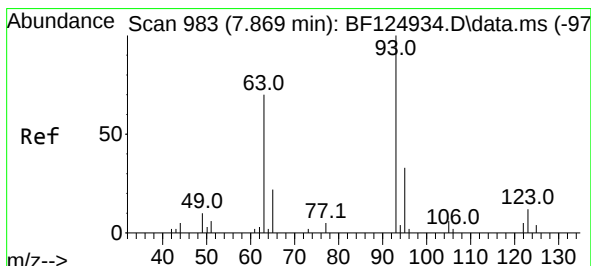
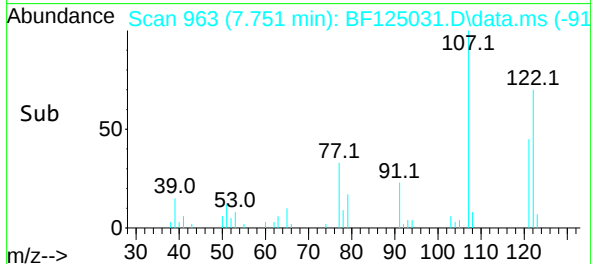
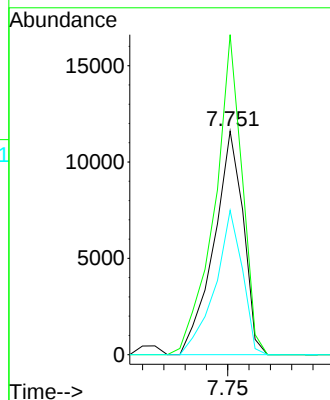
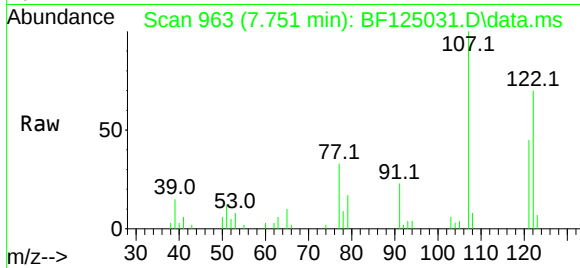
Tgt Ion:122 Resp: 11137

Ion Ratio Lower Upper

122 100

107 143.2 85.0 127.6#

121 64.5 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 58.564 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF125031.D

Acq: 10 Aug 2021 15:10

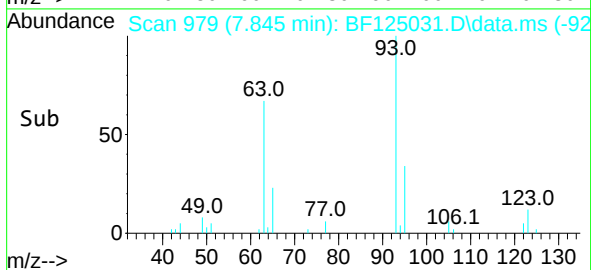
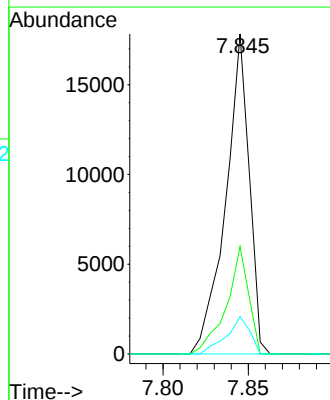
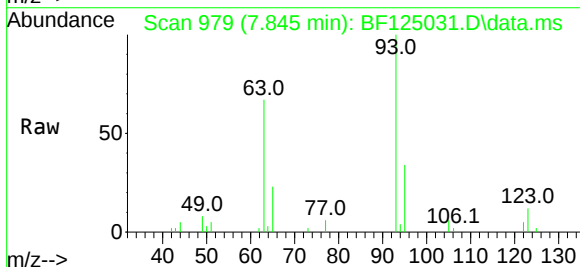
Tgt Ion: 93 Resp: 17060

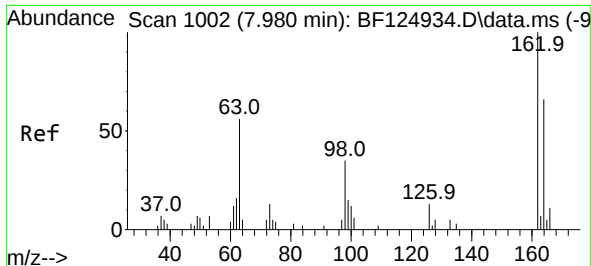
Ion Ratio Lower Upper

93 100

95 33.6 26.1 39.1

123 11.6 11.7 17.5#

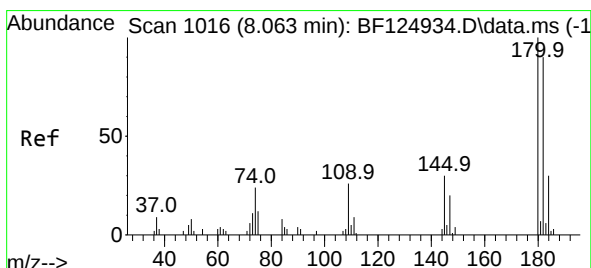
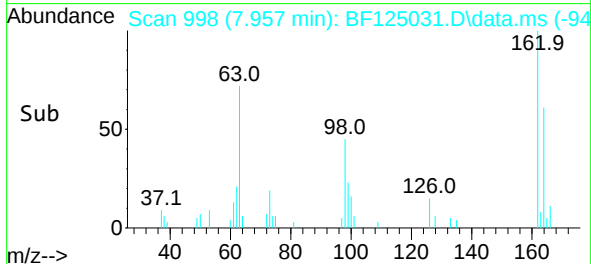
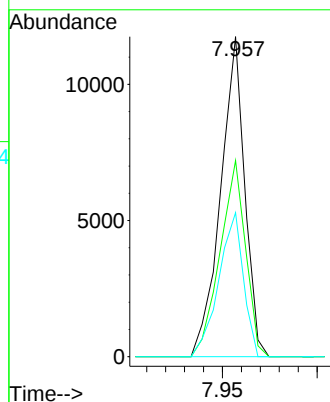
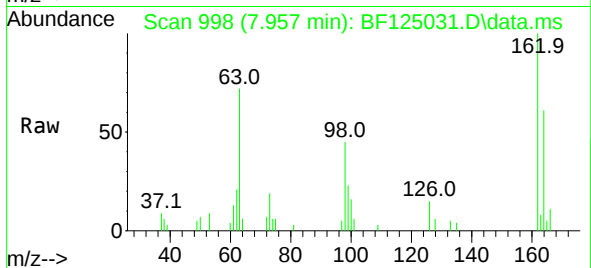




#29  
2,4-Dichlorophenol  
Concen: 44.705 ng  
RT: 7.957 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

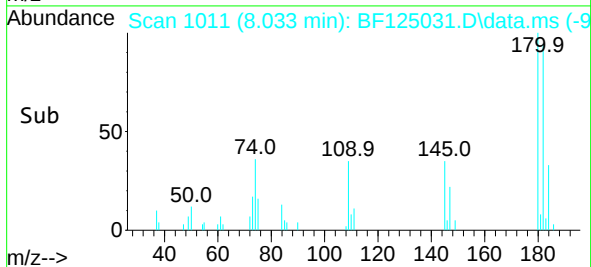
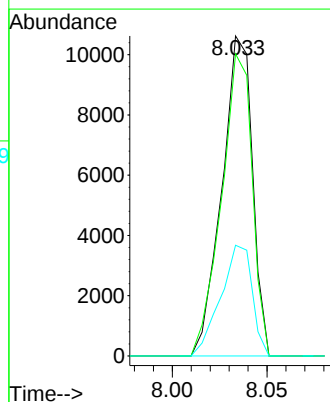
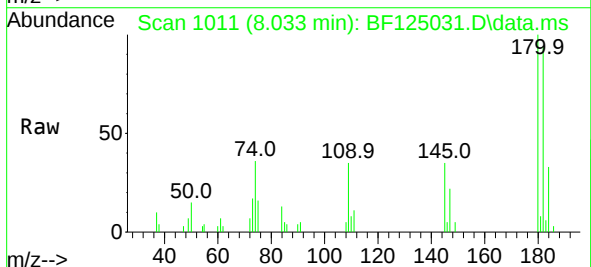
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

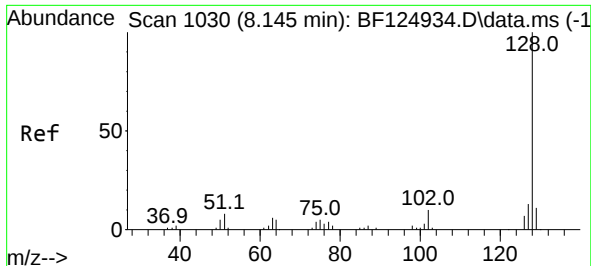
Tgt Ion:162 Resp: 10404  
Ion Ratio Lower Upper  
162 100  
164 61.3 44.5 84.5  
98 45.0 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 45.635 ng  
RT: 8.033 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

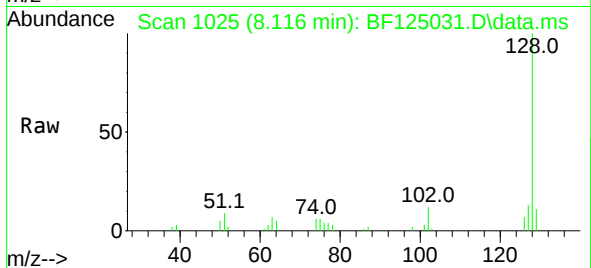
Tgt Ion:180 Resp: 11902  
Ion Ratio Lower Upper  
180 100  
182 94.4 76.8 115.2  
145 34.6 26.7 40.1



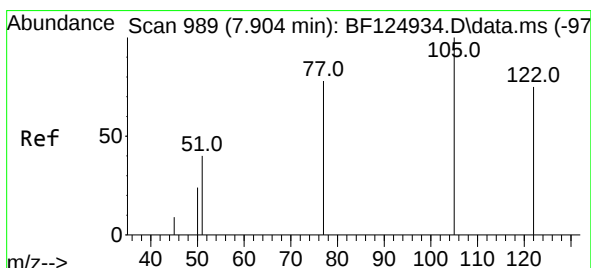
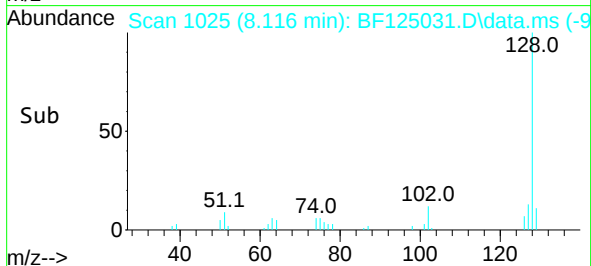
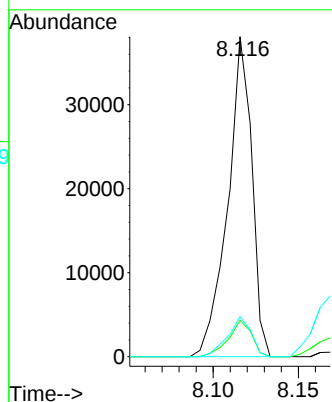


#31  
Naphthalene  
Concen: 46.421 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

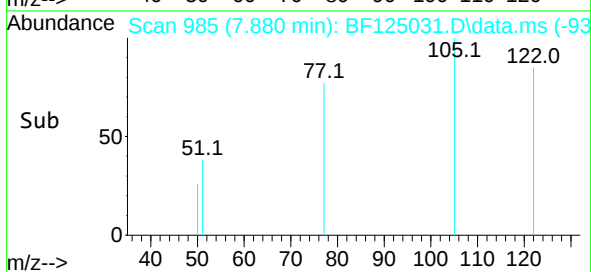
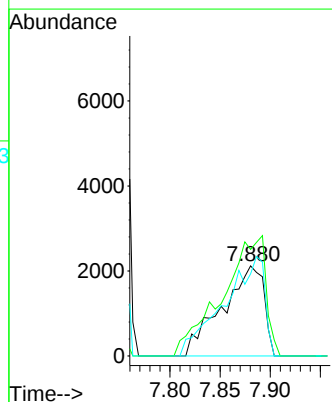
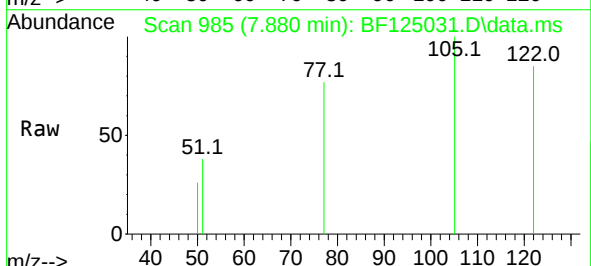


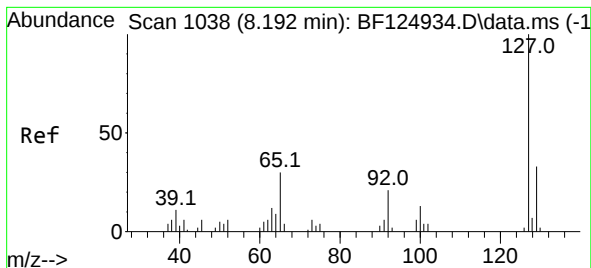
Tgt Ion:128 Resp: 37416  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.4 14.0  
127 12.5 10.9 16.3



#32  
Benzoic acid  
Concen: 49.334 ng  
RT: 7.880 min Scan# 985  
Delta R.T. -0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:122 Resp: 6138  
Ion Ratio Lower Upper  
122 100  
105 118.3 97.6 137.6  
77 91.2 59.6 99.6

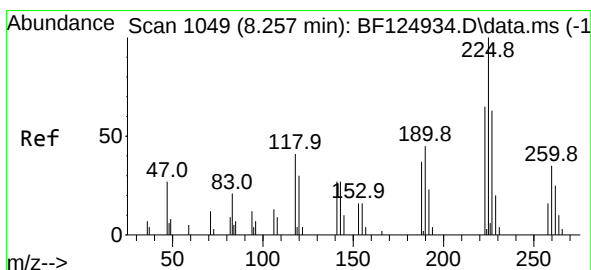
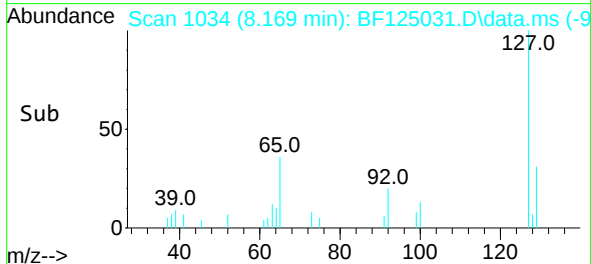
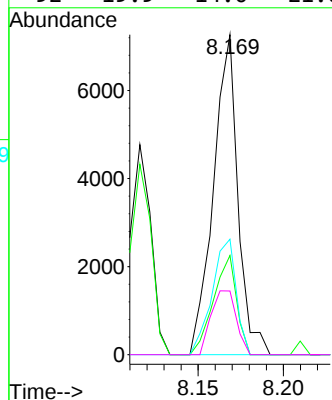
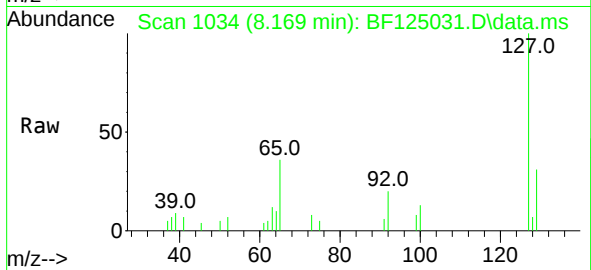




#33  
4-Chloroaniline  
Concen: 24.183 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

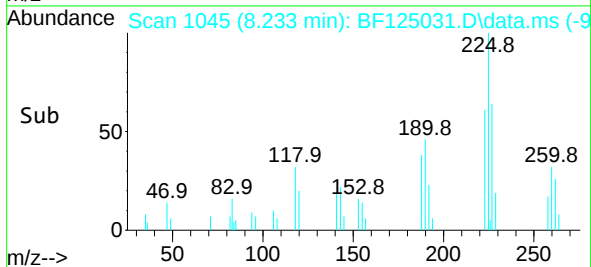
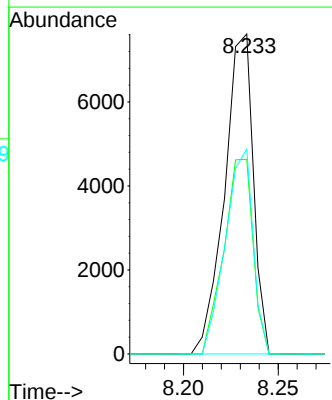
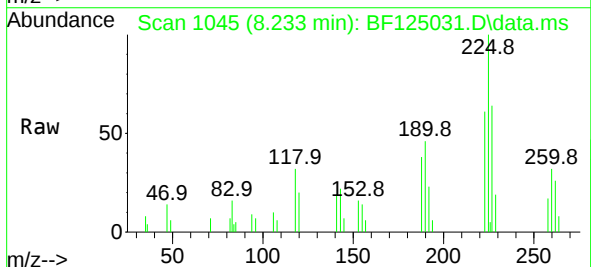
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

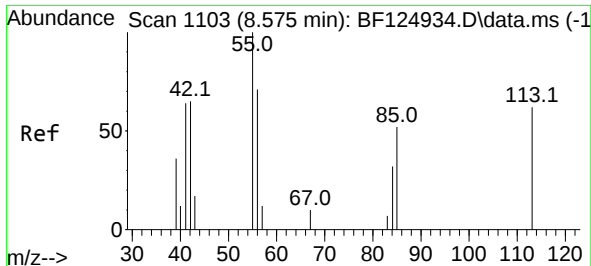
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 7264  |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.0  | 25.7  | 38.5  |
| 65        | 36.1  | 21.2  | 31.8# |
| 92        | 19.9  | 14.0  | 21.0  |



#34  
Hexachlorobutadiene  
Concen: 51.698 ng  
RT: 8.233 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 8052 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 60.8  | 50.6  | 76.0 |
| 227       | 64.0  | 50.6  | 75.8 |

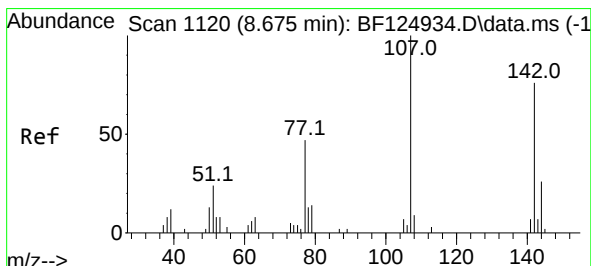
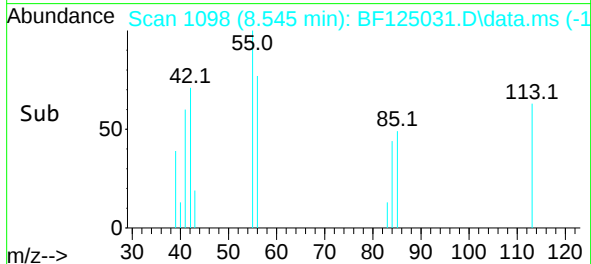
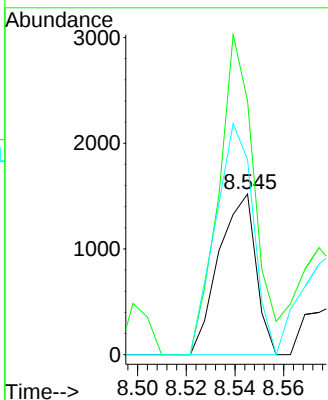
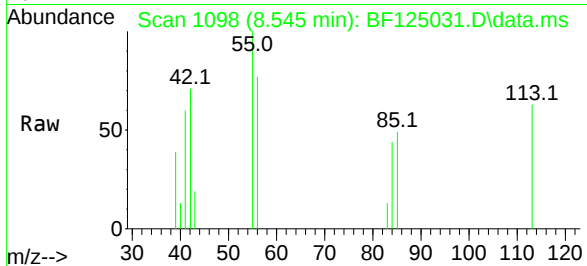




#35  
Caprolactam  
Concen: 25.954 ng  
RT: 8.545 min Scan# 1098  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

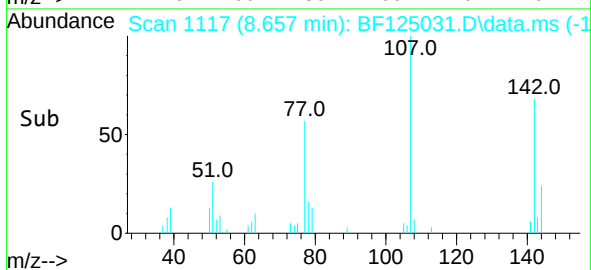
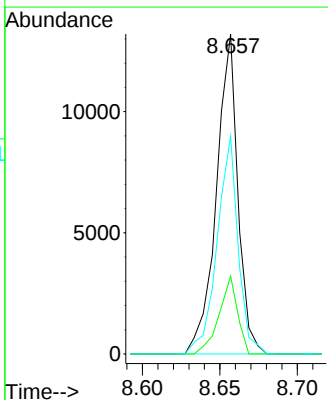
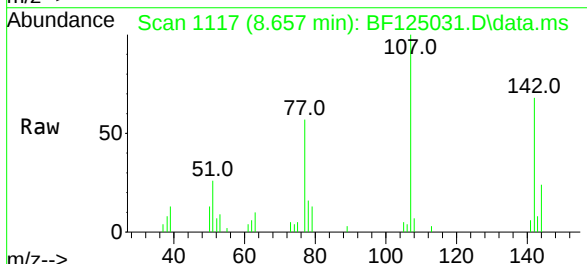
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

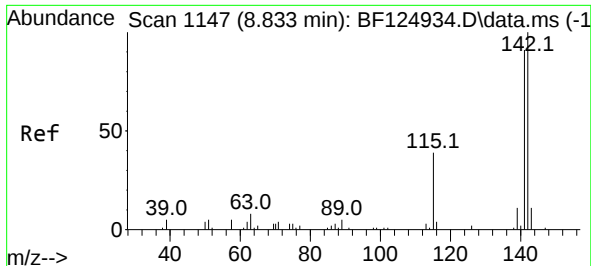
Tgt Ion:113 Resp: 1604  
Ion Ratio Lower Upper  
113 100  
55 157.9 154.1 194.1  
56 121.3 108.7 148.7



#36  
4-Chloro-3-methylphenol  
Concen: 52.312 ng  
RT: 8.657 min Scan# 1117  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:107 Resp: 12735  
Ion Ratio Lower Upper  
107 100  
144 24.4 21.9 32.9  
142 68.1 67.1 100.7

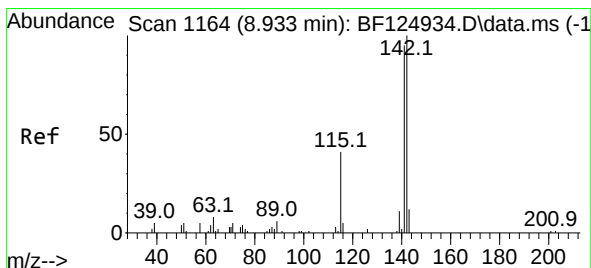
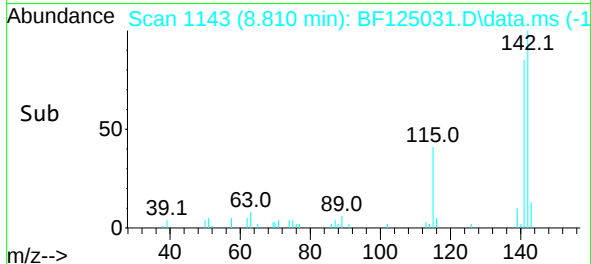
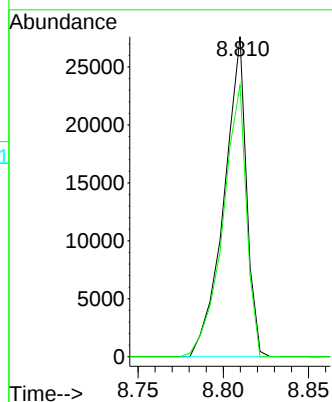
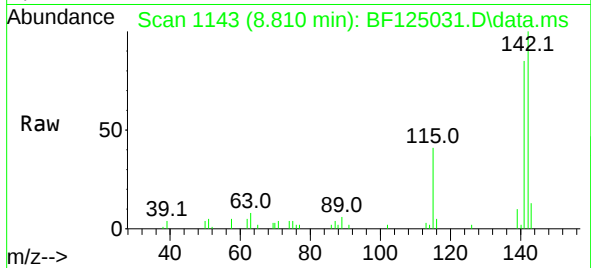




#37  
2-Methylnaphthalene  
Concen: 46.711 ng  
RT: 8.810 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

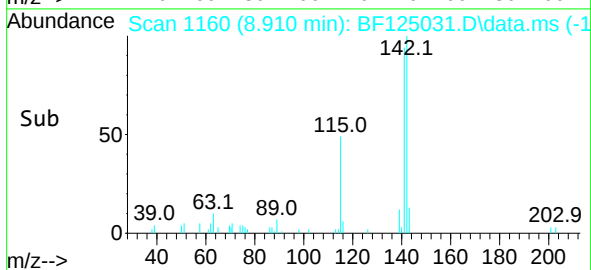
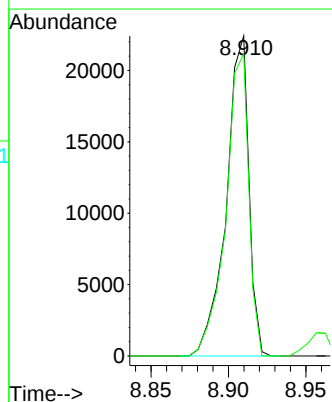
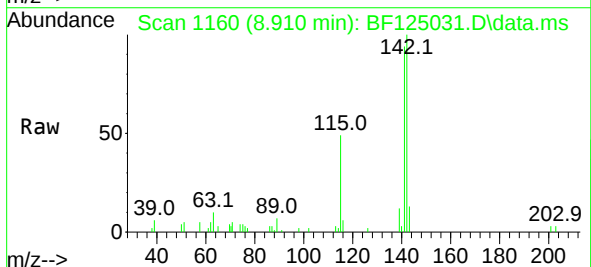
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

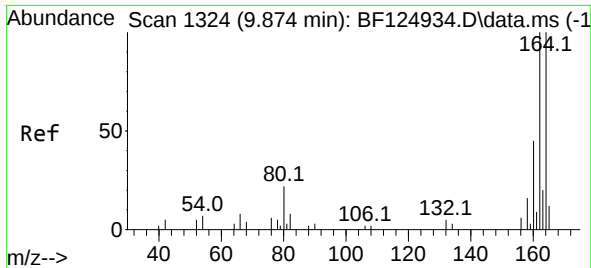
Tgt Ion:142 Resp: 25314  
Ion Ratio Lower Upper  
142 100  
141 84.8 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 44.874 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:142 Resp: 22755  
Ion Ratio Lower Upper  
142 100  
141 94.4 76.0 114.0

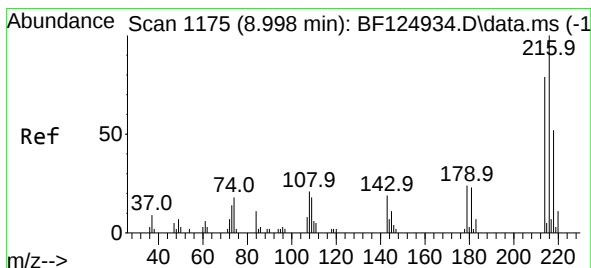
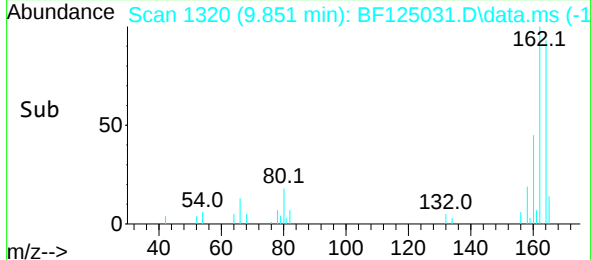
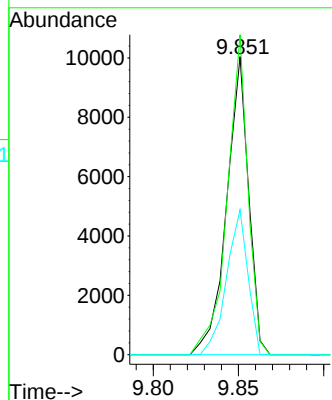
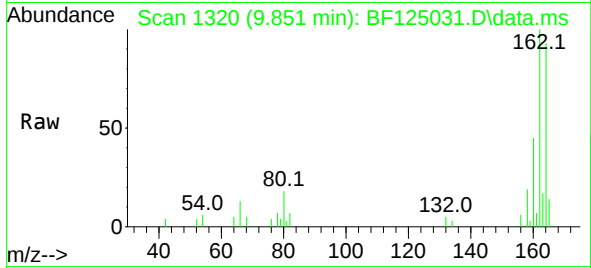




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

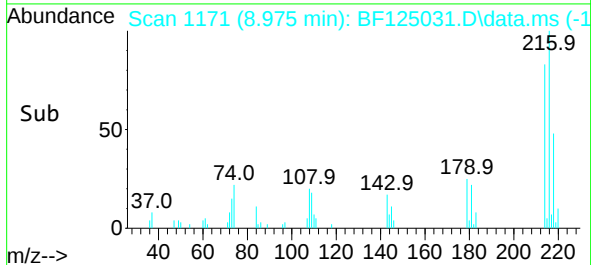
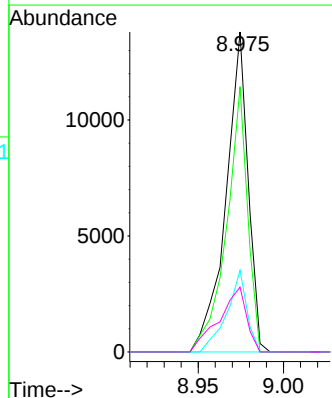
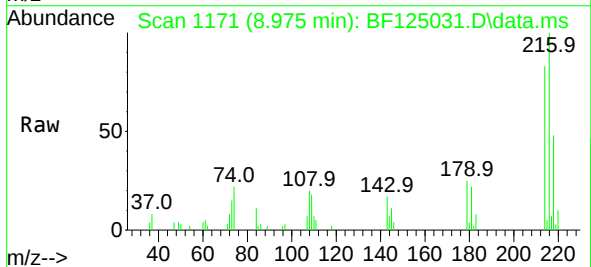
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

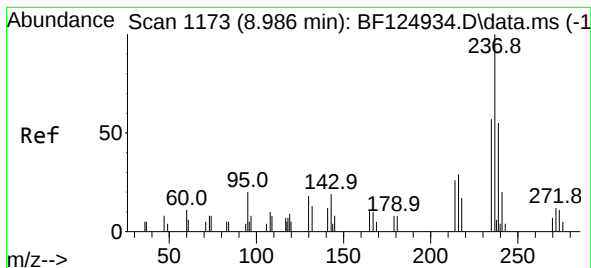
Tgt Ion:164 Resp: 9024  
Ion Ratio Lower Upper  
164 100  
162 107.4 81.3 121.9  
160 48.6 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.101 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:216 Resp: 12459  
Ion Ratio Lower Upper  
216 100  
214 78.4 64.9 97.3  
179 23.1 17.4 26.2  
108 25.1 16.5 24.7#



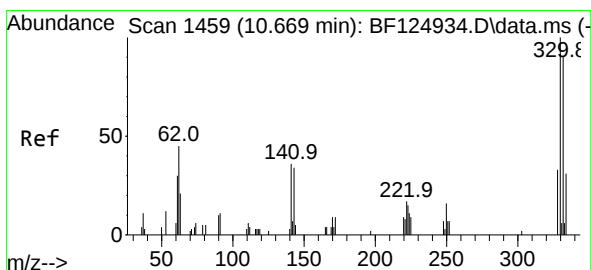
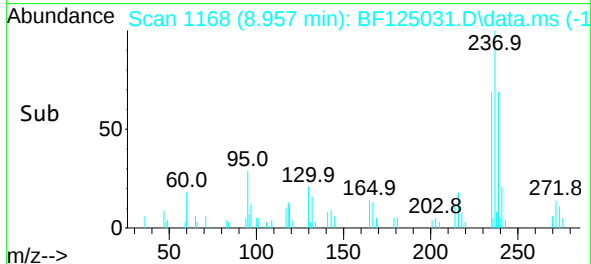
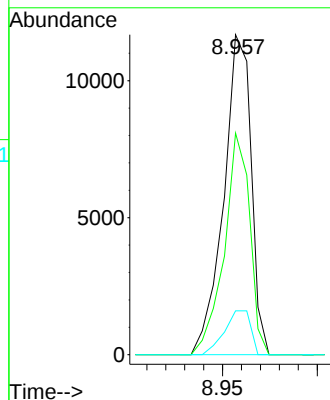
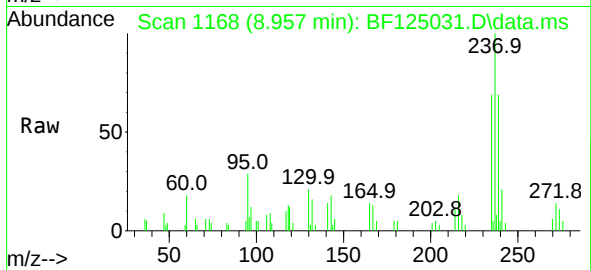


#41

Hexachlorocyclopentadiene  
Concen: 116.578 ng  
RT: 8.957 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

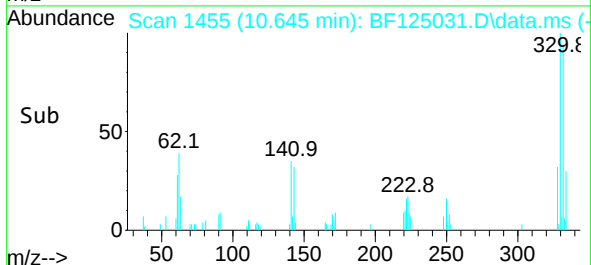
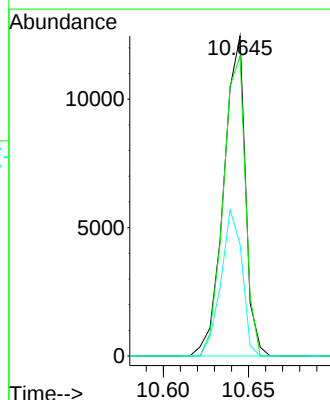
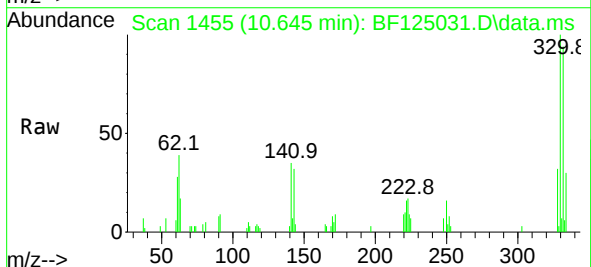
Tgt Ion:237 Resp: 11751  
Ion Ratio Lower Upper  
237 100  
235 69.2 44.7 84.7  
272 13.7 0.0 31.6

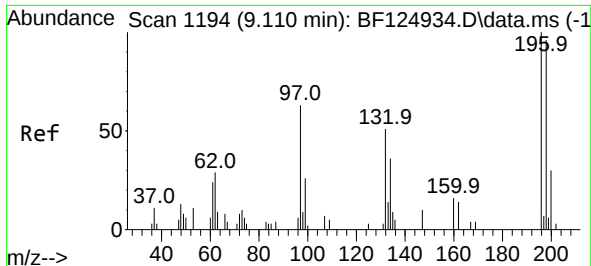


#42

2,4,6-Tribromophenol  
Concen: 136.715 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:330 Resp: 11022  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.2 114.4  
141 44.4 44.6 66.8#

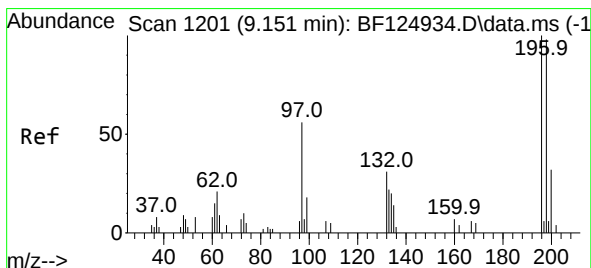
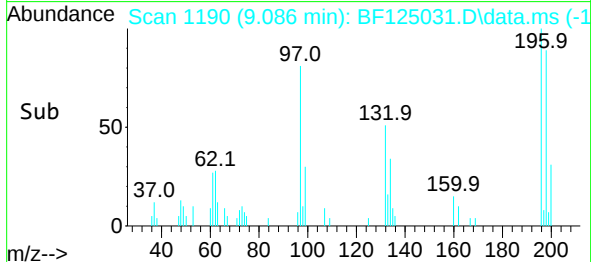
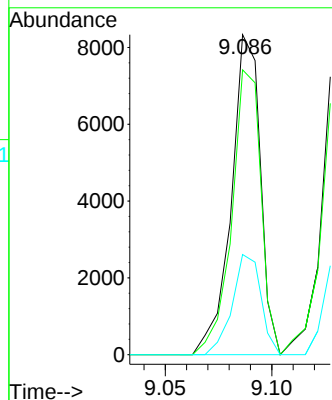
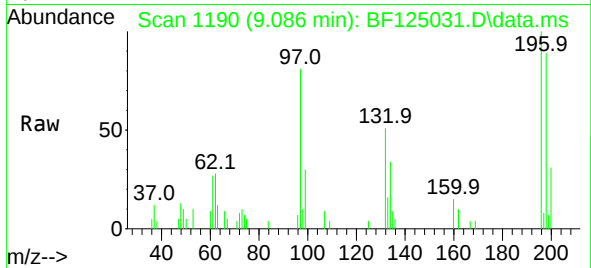




#43  
2,4,6-Trichlorophenol  
Concen: 45.839 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

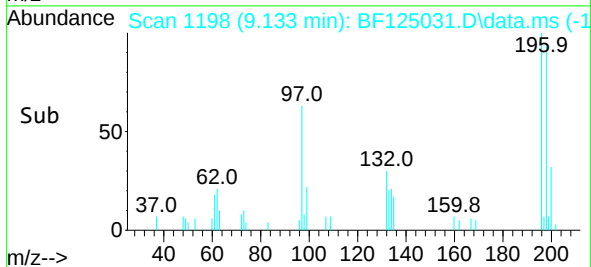
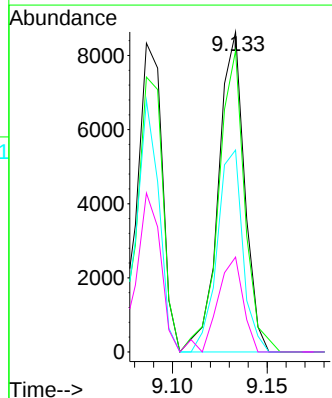
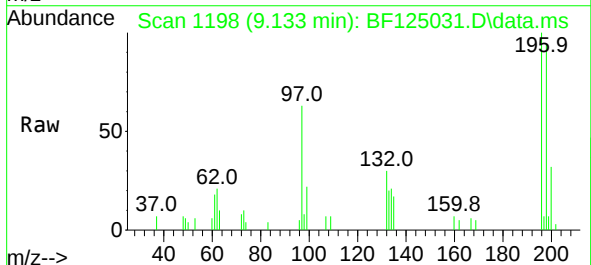
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

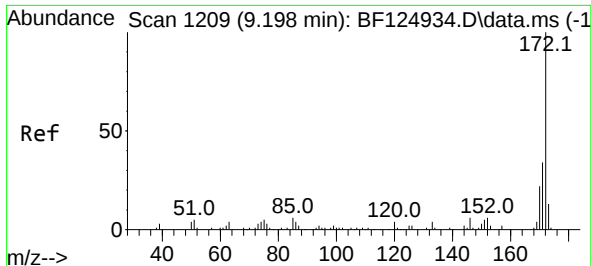
Tgt Ion:196 Resp: 7904  
Ion Ratio Lower Upper  
196 100  
198 89.0 74.9 112.3  
200 31.3 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 47.363 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

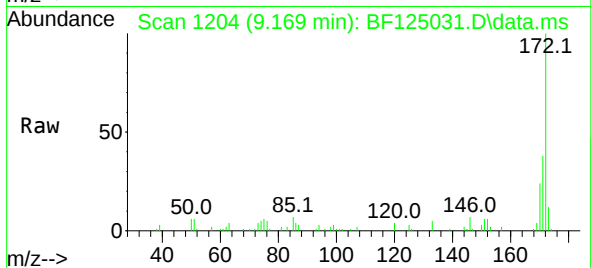
Tgt Ion:196 Resp: 8267  
Ion Ratio Lower Upper  
196 100  
198 94.2 80.2 120.2  
97 63.1 44.0 66.0  
132 29.6 25.4 38.0



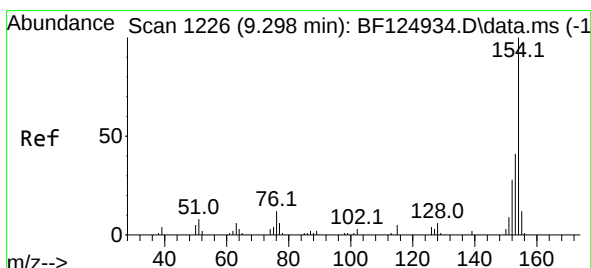
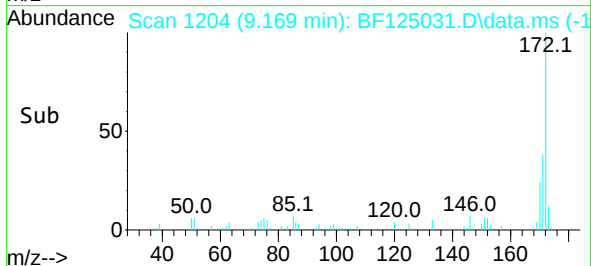
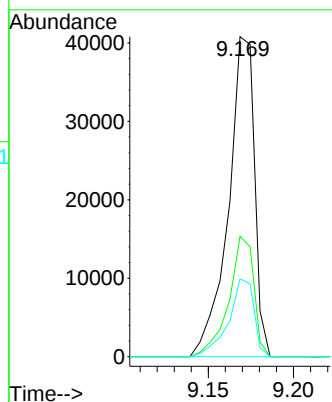


#45  
2-Fluorobiphenyl  
Concen: 70.418 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. -0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

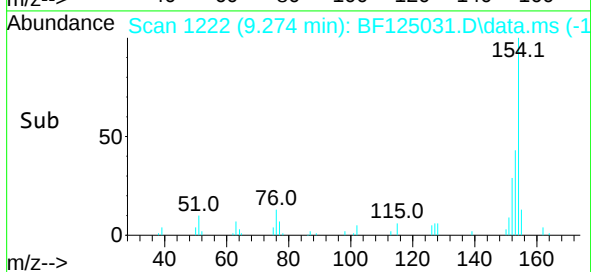
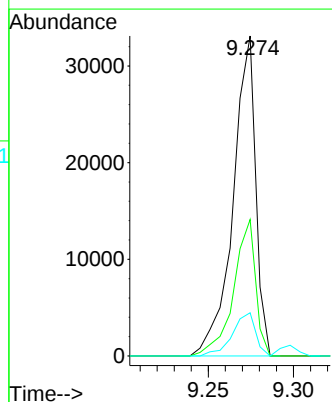
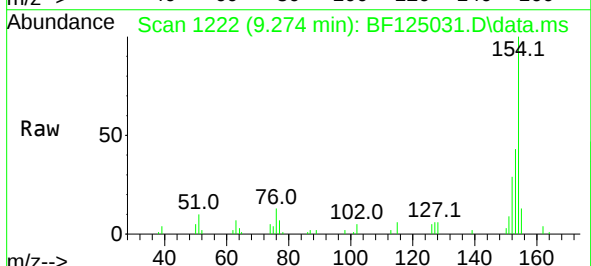


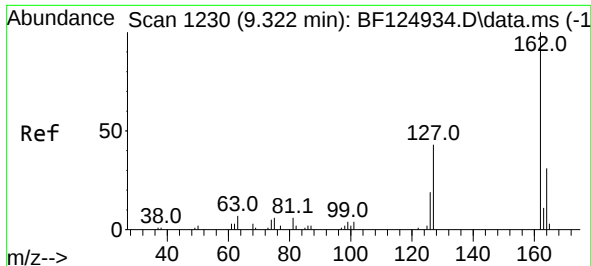
Tgt Ion:172 Resp: 43428  
Ion Ratio Lower Upper  
172 100  
171 37.6 26.5 39.7  
170 24.3 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 45.463 ng  
RT: 9.274 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:154 Resp: 30572  
Ion Ratio Lower Upper  
154 100  
153 42.6 20.0 60.0  
76 13.5 0.0 30.3

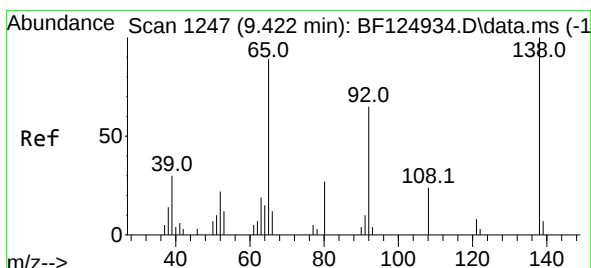
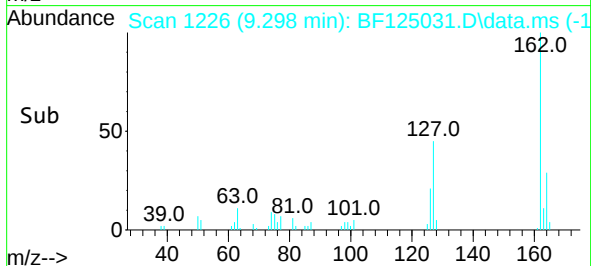
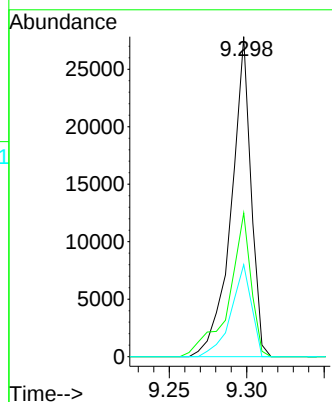
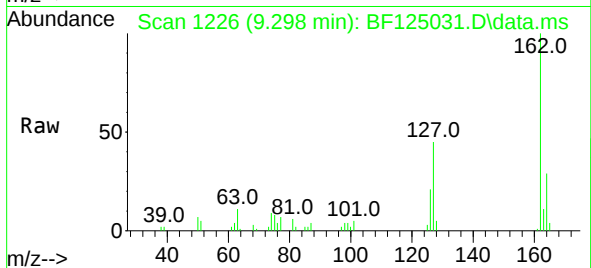




#47  
2-Chloronaphthalene  
Concen: 46.061 ng  
RT: 9.298 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

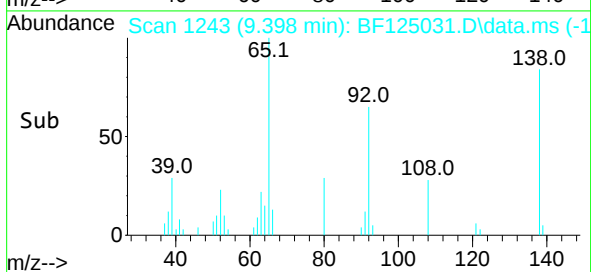
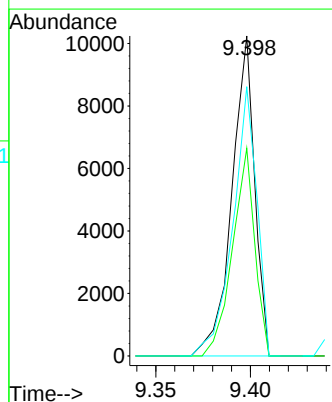
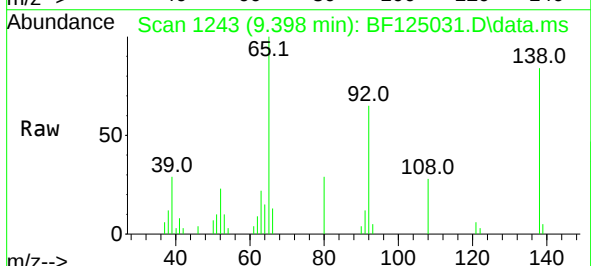
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

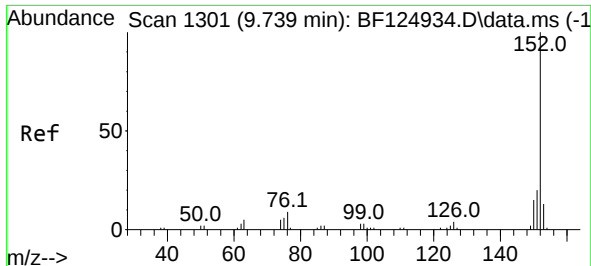
Tgt Ion:162 Resp: 24643  
Ion Ratio Lower Upper  
162 100  
127 44.9 33.0 49.4  
164 28.8 25.8 38.8



#48  
2-Nitroaniline  
Concen: 54.347 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

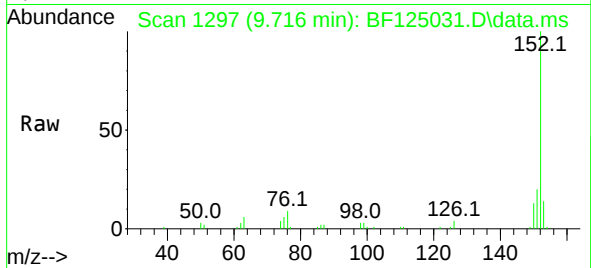
Tgt Ion: 65 Resp: 8541  
Ion Ratio Lower Upper  
65 100  
92 64.9 55.5 83.3  
138 84.1 93.5 140.3#



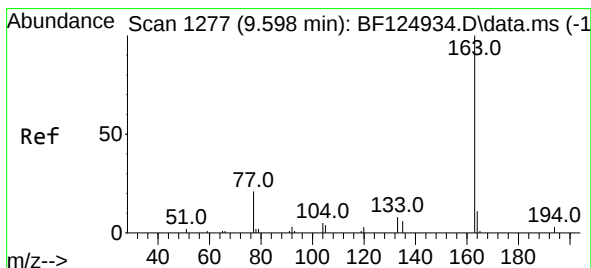
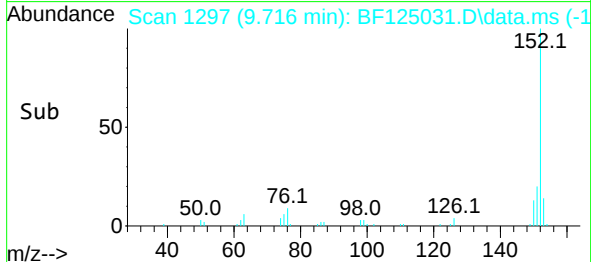
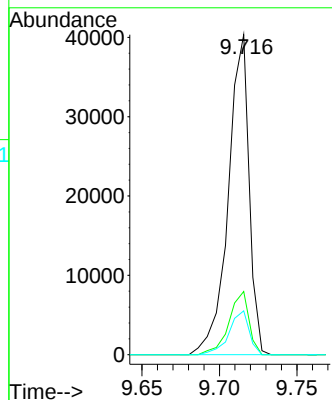


#49  
Acenaphthylene  
Concen: 46.348 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

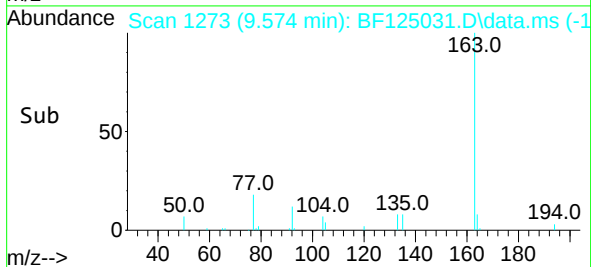
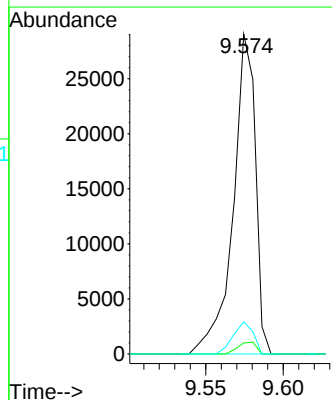
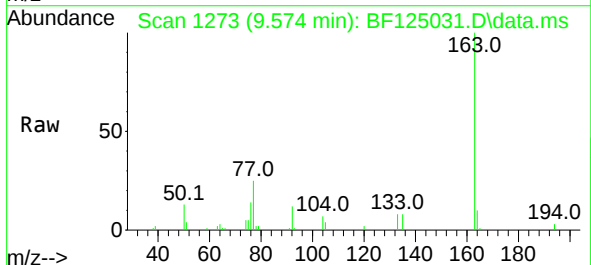


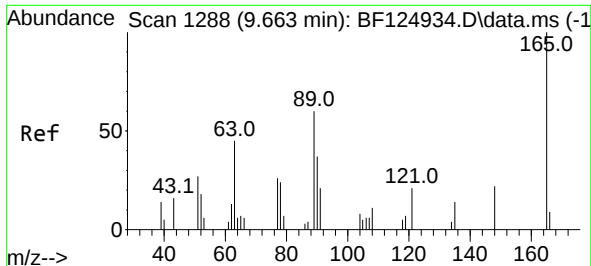
Tgt Ion:152 Resp: 37665  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.7 23.5  
153 13.7 9.8 14.8



#50  
Dimethylphthalate  
Concen: 47.317 ng  
RT: 9.574 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:163 Resp: 28935  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 3.8  
164 10.0 7.4 11.0

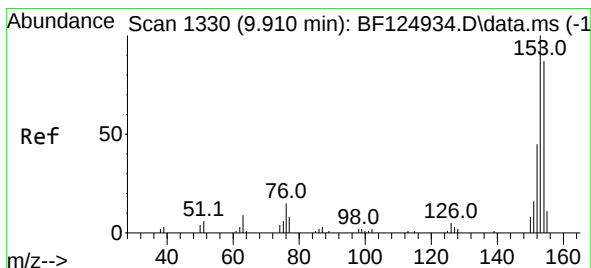
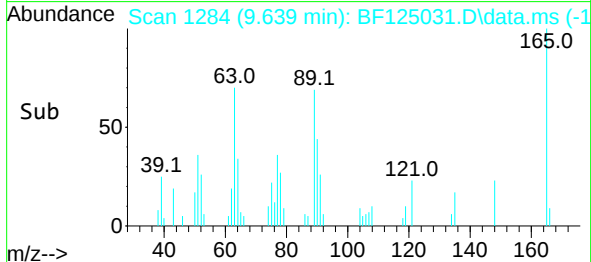
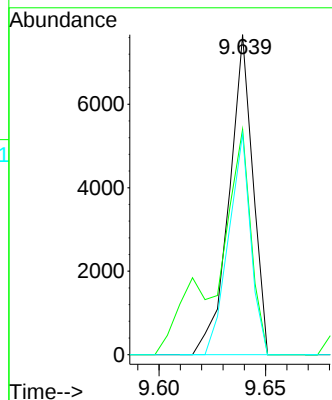
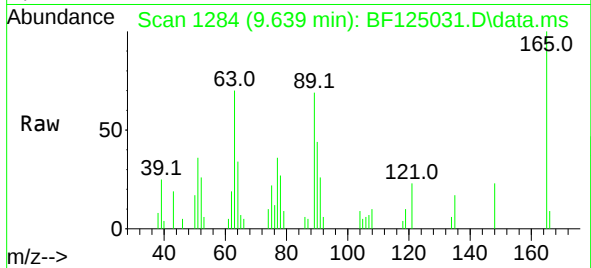




#51  
2,6-Dinitrotoluene  
Concen: 43.585 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

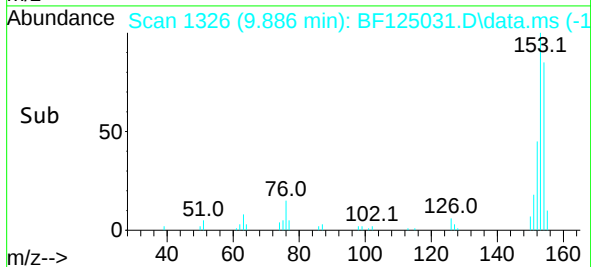
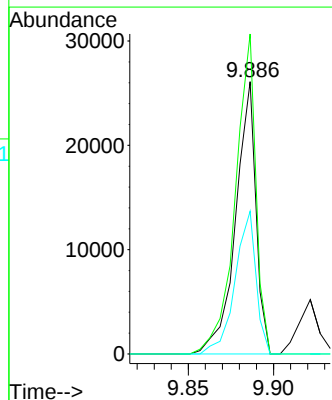
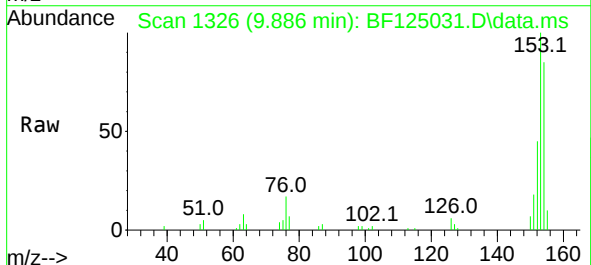
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

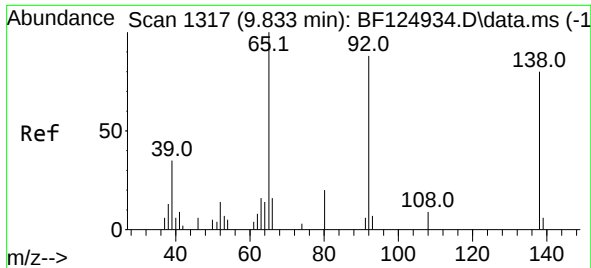
Tgt Ion:165 Resp: 5935  
Ion Ratio Lower Upper  
165 100  
63 70.4 42.6 63.8#  
89 69.0 40.6 60.8#



#52  
Acenaphthene  
Concen: 44.095 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:154 Resp: 21724  
Ion Ratio Lower Upper  
154 100  
153 117.5 89.4 134.2  
152 52.4 40.5 60.7

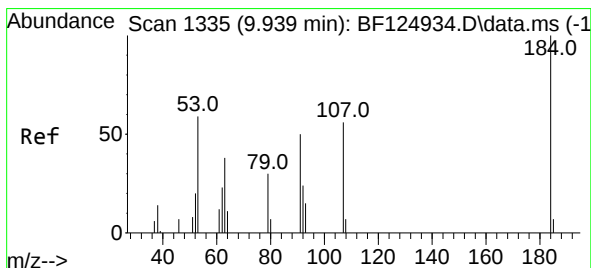
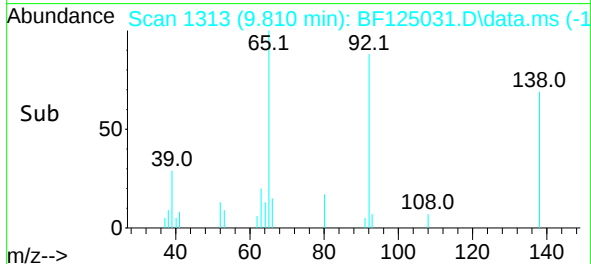
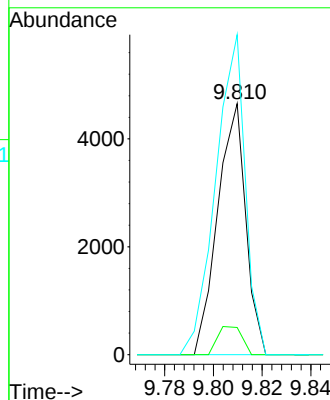
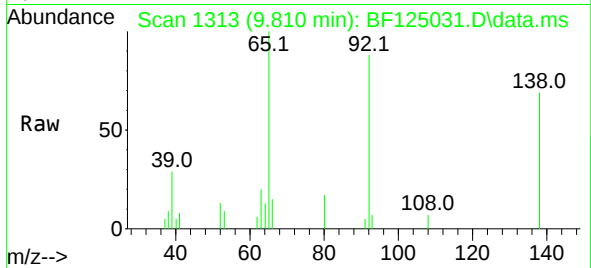




#53  
3-Nitroaniline  
Concen: 25.951 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

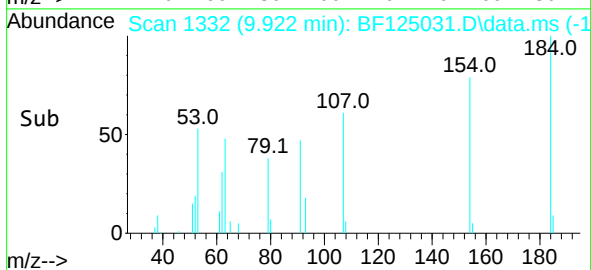
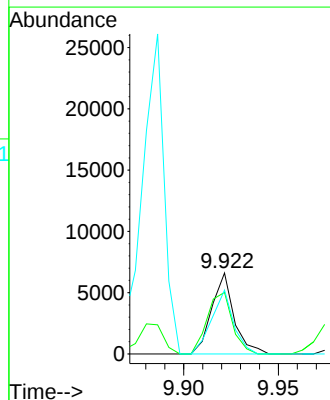
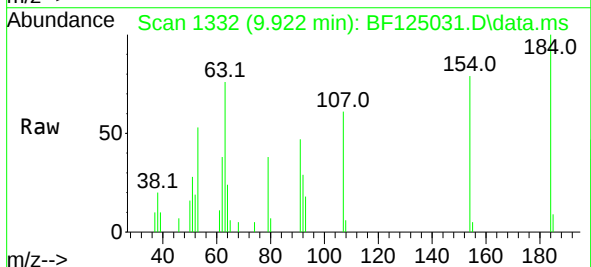
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

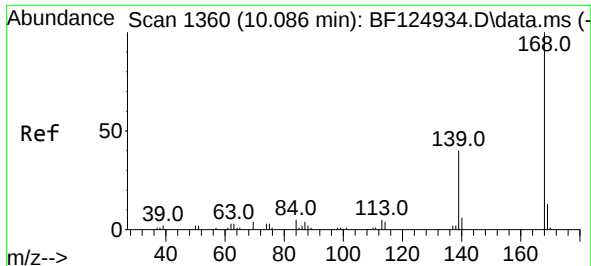
Tgt Ion:138 Resp: 3722  
Ion Ratio Lower Upper  
138 100  
108 10.8 9.3 13.9  
92 127.5 76.5 114.7#



#54  
2,4-Dinitrophenol  
Concen: 78.719 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:184 Resp: 5429  
Ion Ratio Lower Upper  
184 100  
63 76.1 59.3 88.9  
154 79.0 68.6 102.8

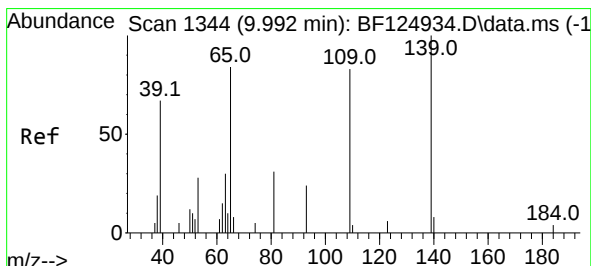
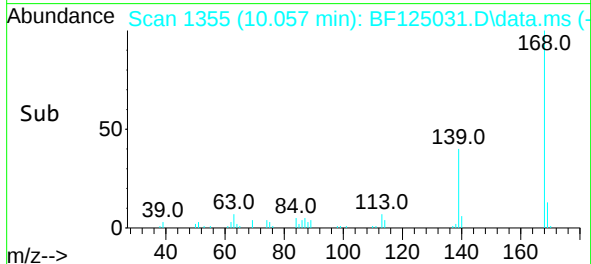
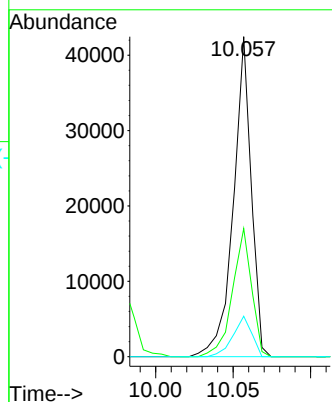
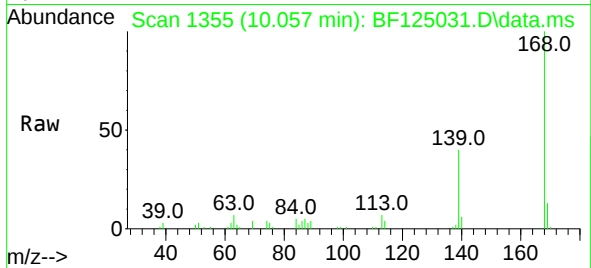




#55  
Dibenzofuran  
Concen: 44.162 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

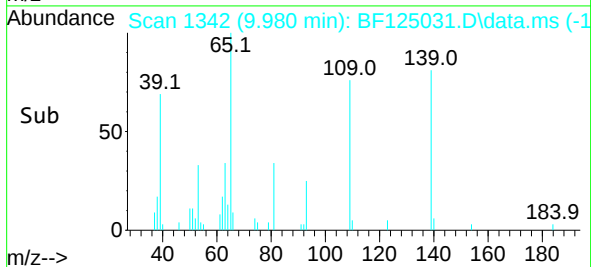
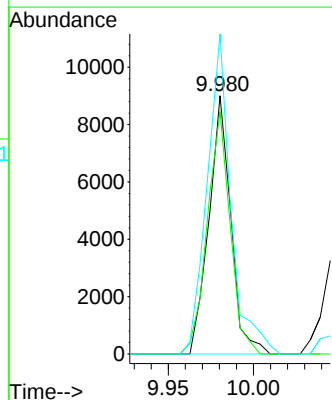
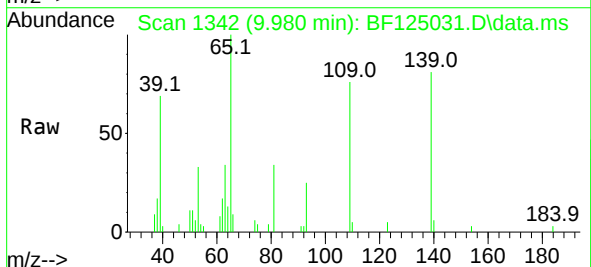
Instrument :  
BNA\_F  
ClientSampleID :  
PB138299BS

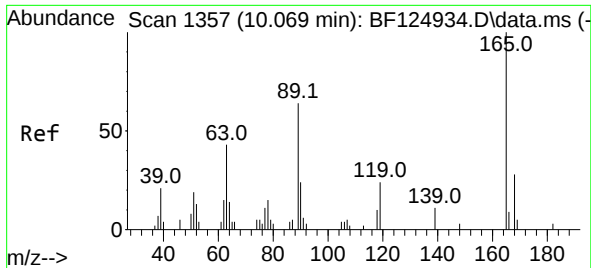
Tgt Ion:168 Resp: 34003  
Ion Ratio Lower Upper  
168 100  
139 40.1 32.7 49.1  
169 12.6 11.2 16.8



#56  
4-Nitrophenol  
Concen: 85.253 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:139 Resp: 8060  
Ion Ratio Lower Upper  
139 100  
109 93.8 60.4 100.4  
65 123.9 58.4 98.4#

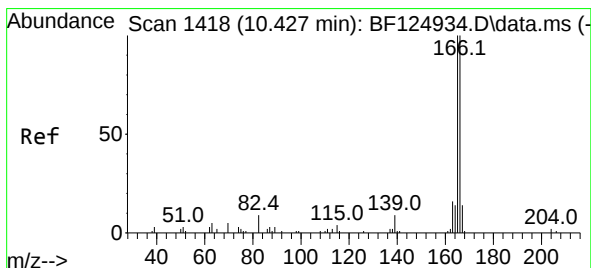
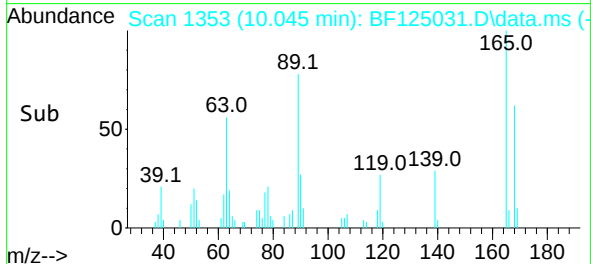
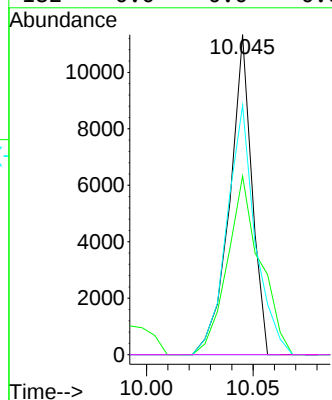
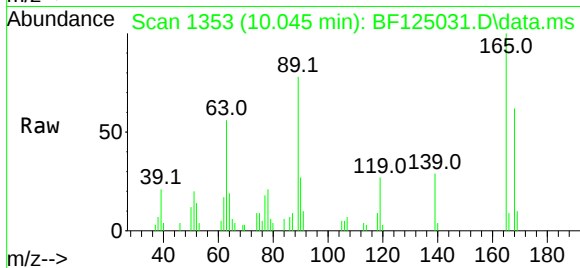




#57  
2,4-Dinitrotoluene  
Concen: 44.592 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

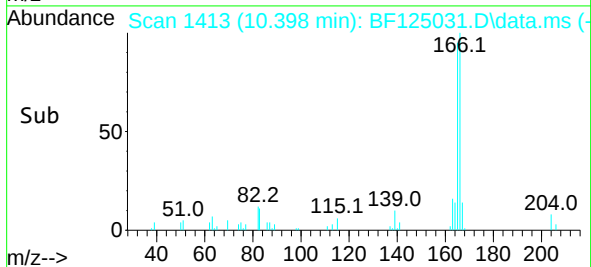
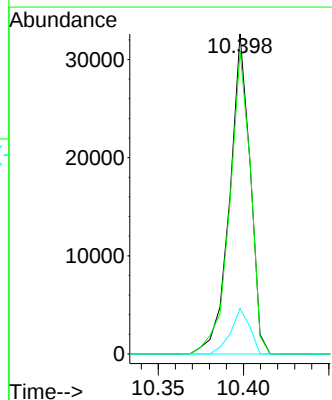
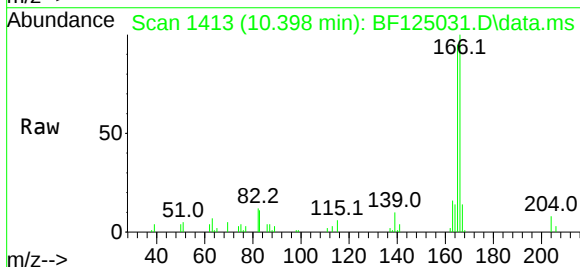
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

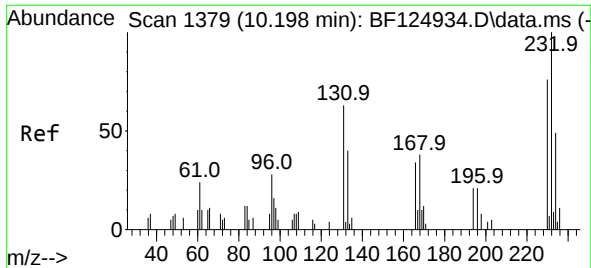
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 8244      |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 55.8  | 40.9 61.3 |
| 89          | 78.0  | 59.7 89.5 |
| 182         | 0.0   | 0.0 0.0   |



#58  
Fluorene  
Concen: 45.918 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 27109      |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 94.6  | 78.1 117.1 |
| 167         | 14.2  | 11.1 16.7  |



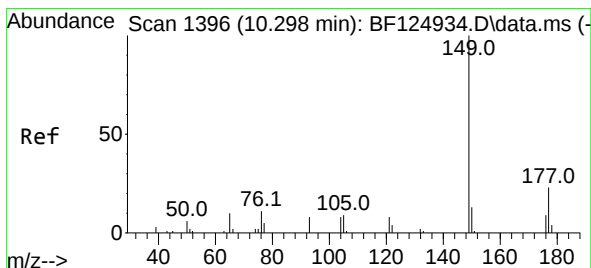
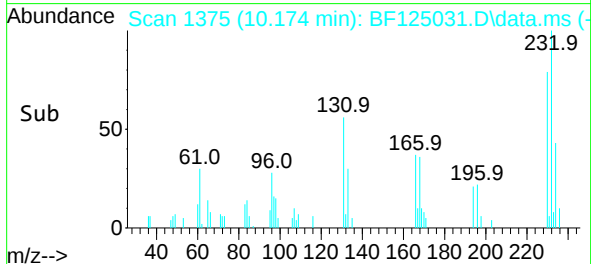
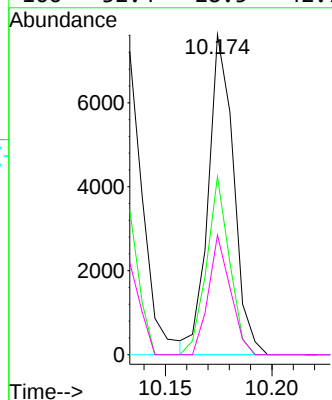
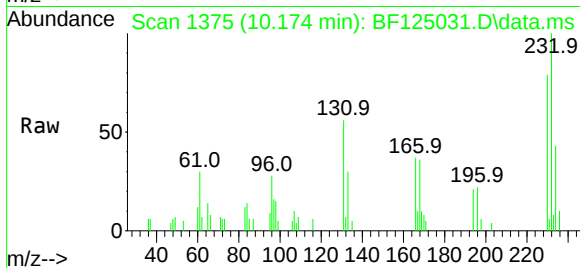


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.167 ng  
RT: 10.174 min Scan# 1375  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

Tgt Ion:232 Resp: 6308

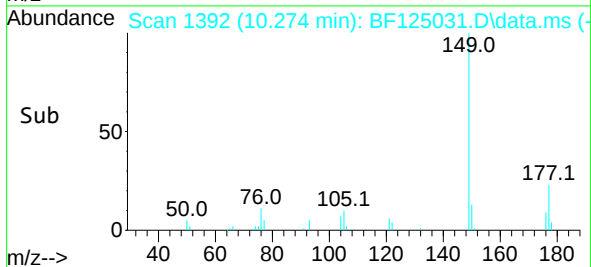
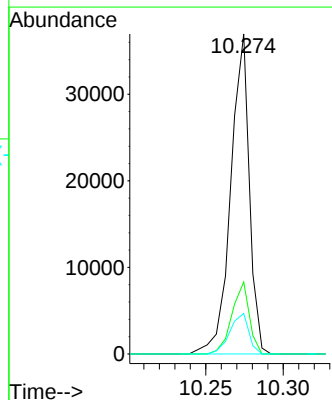
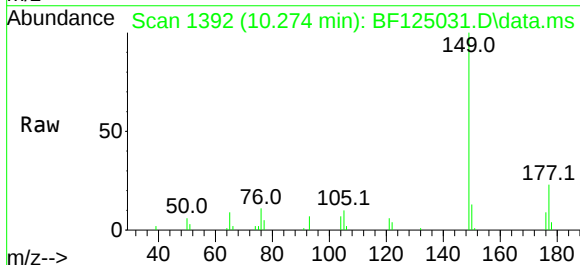
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 50.3  | 45.4  | 68.0  |
| 130 | 0.0   | 0.0   | 0.0   |
| 166 | 32.4  | 28.5  | 42.7  |

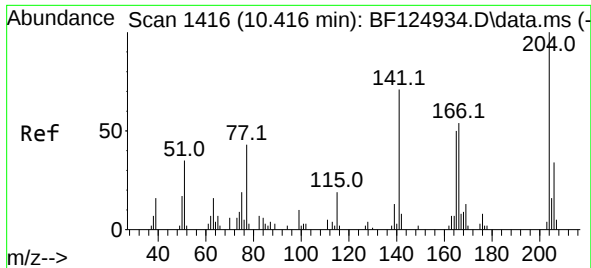


#60  
Diethylphthalate  
Concen: 49.113 ng  
RT: 10.274 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:149 Resp: 30821

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.5  | 16.5  | 24.7  |
| 150 | 12.7  | 10.1  | 15.1  |

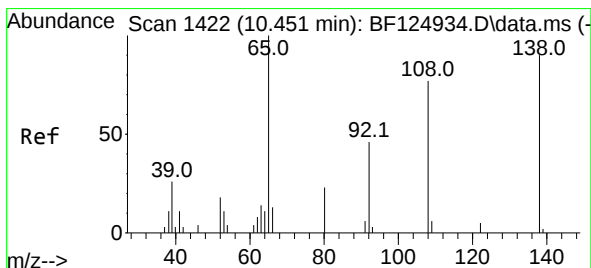
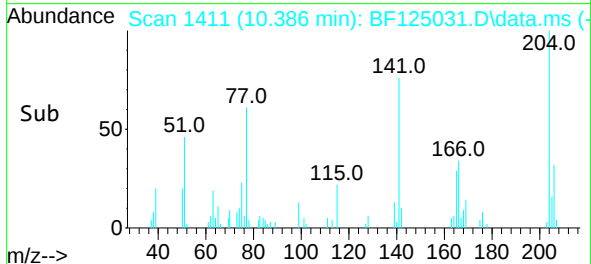
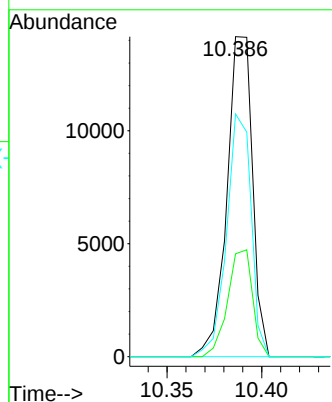
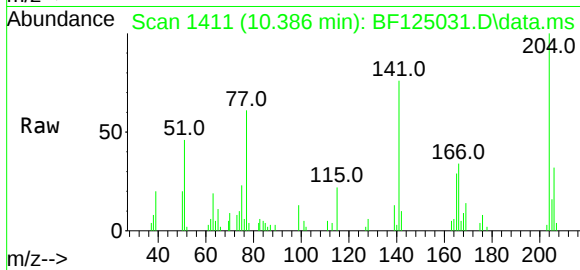




#61  
4-Chlorophenyl-phenylether  
Concen: 47.708 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

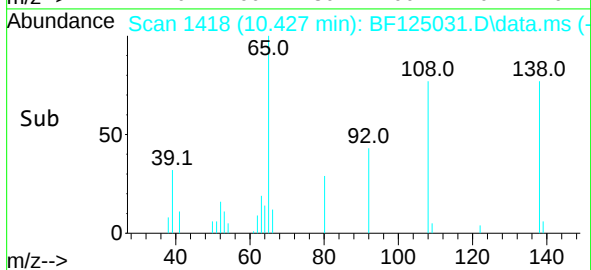
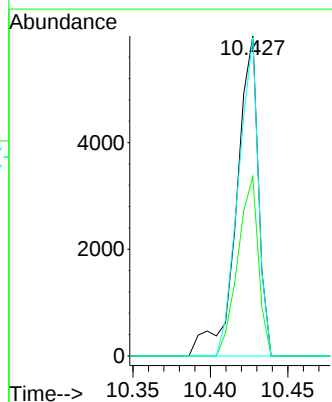
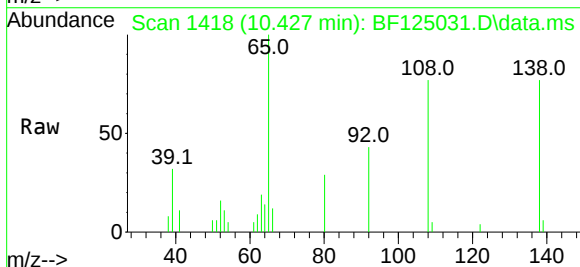
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

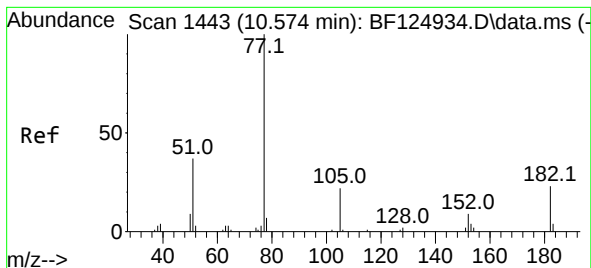
Tgt Ion:204 Resp: 13301  
Ion Ratio Lower Upper  
204 100  
206 32.2 27.6 41.4  
141 75.9 58.6 88.0



#62  
4-Nitroaniline  
Concen: 42.277 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:138 Resp: 5887  
Ion Ratio Lower Upper  
138 100  
92 56.0 29.6 69.6  
108 99.5 78.1 118.1

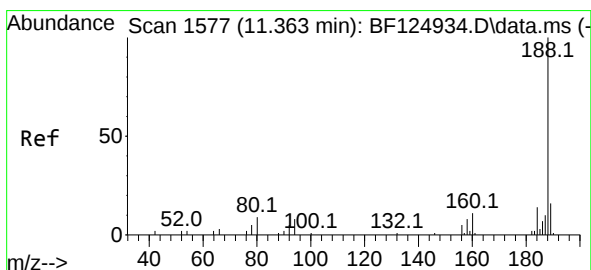
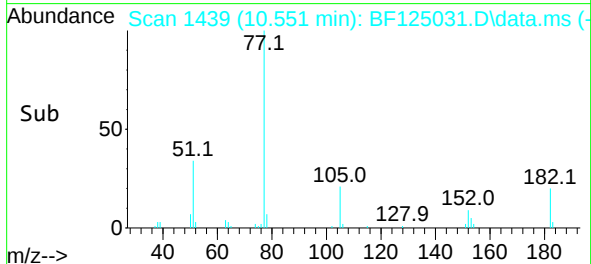
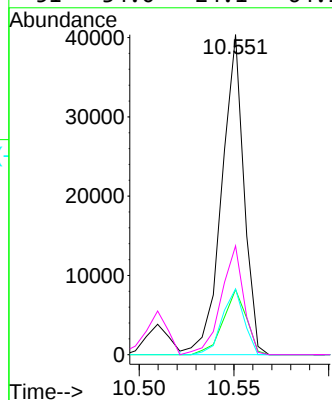
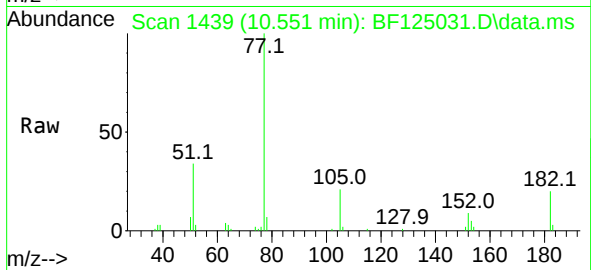




#63  
Azobenzene  
Concen: 53.404 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

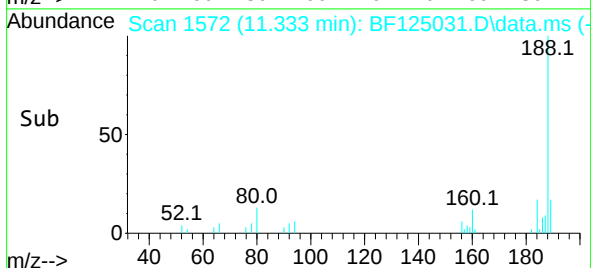
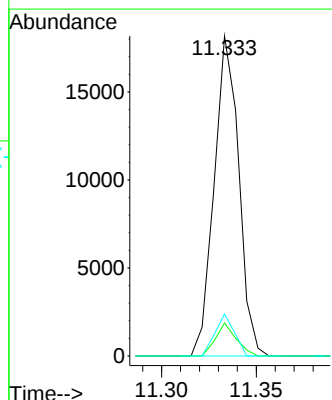
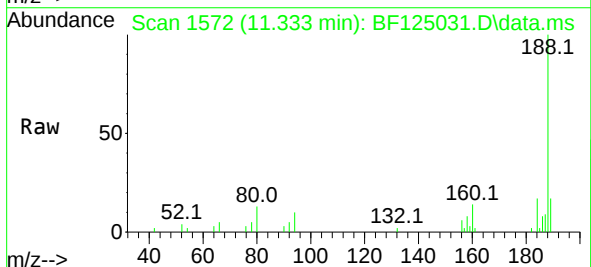
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

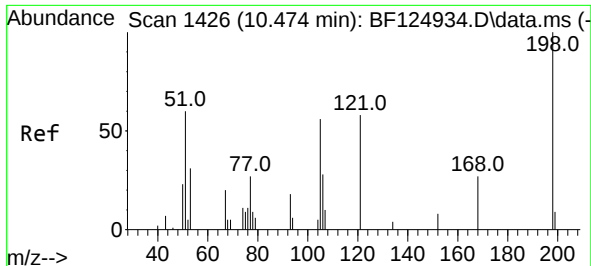
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 32773 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 20.4    | 6.3 46.3    |
| 105 20.5    | 2.9 42.9    |
| 51 34.0     | 24.1 64.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|              |             |
|--------------|-------------|
| Tgt Ion: 188 | Resp: 16403 |
| Ion Ratio    | Lower Upper |
| 188 100      |             |
| 94 10.3      | 6.7 10.1#   |
| 80 13.1      | 7.5 11.3#   |

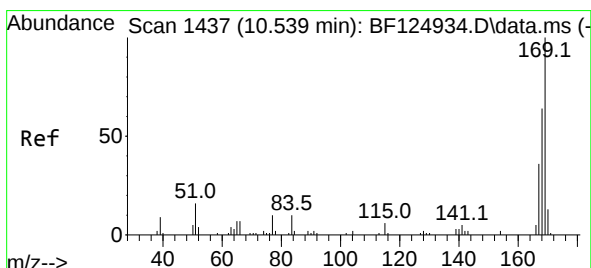
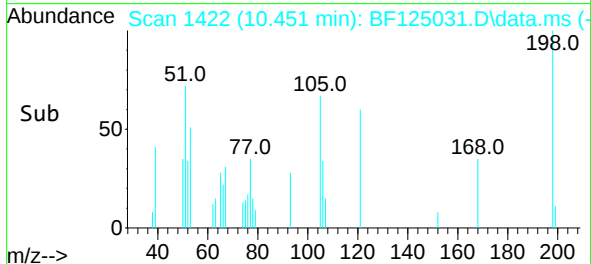
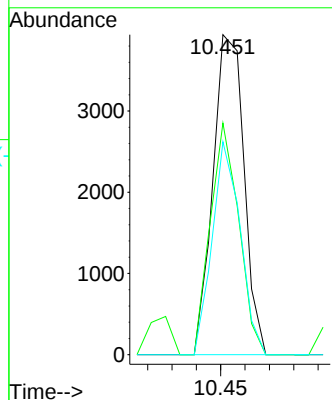
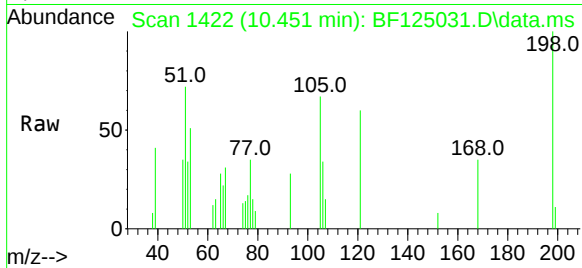




#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.894 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

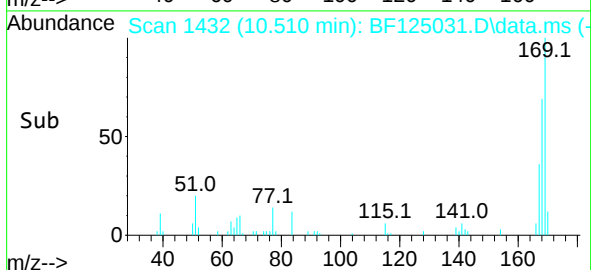
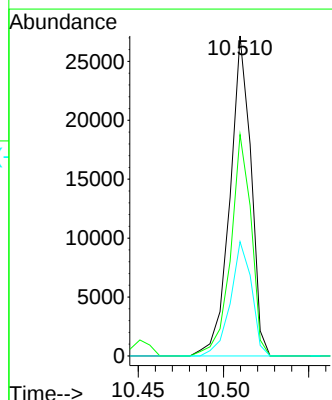
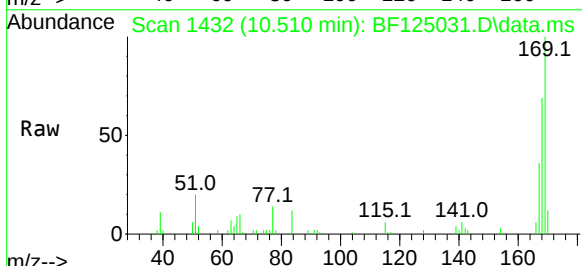
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

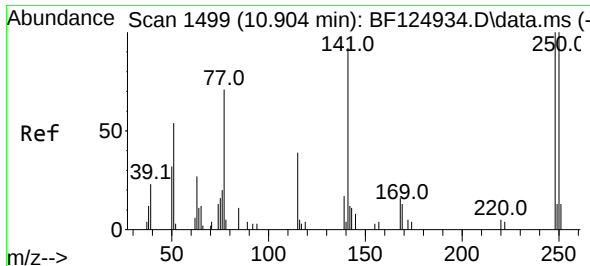
Tgt Ion:198 Resp: 3483  
Ion Ratio Lower Upper  
198 100  
51 72.4 45.3 85.3  
105 66.5 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 43.810 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:169 Resp: 23291  
Ion Ratio Lower Upper  
169 100  
168 69.2 50.8 76.2  
167 35.7 28.8 43.2

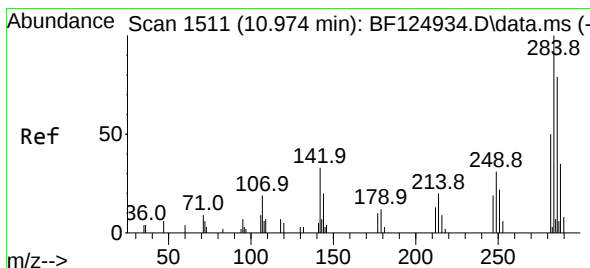
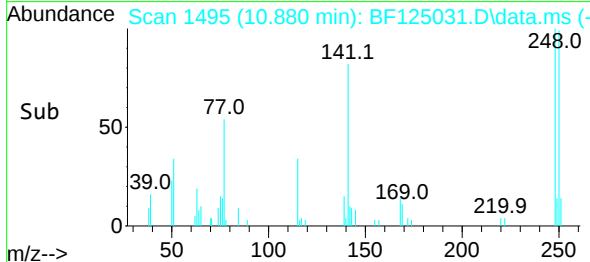
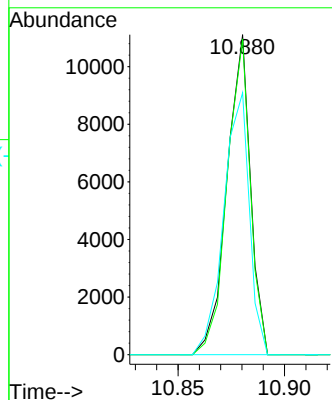
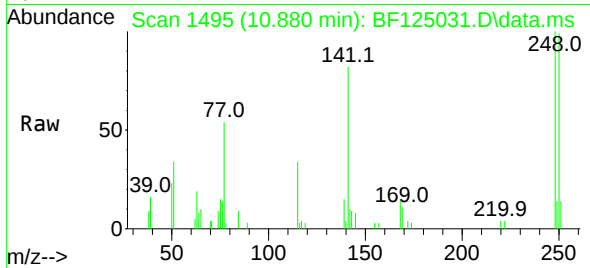




#67  
4-Bromophenyl-phenylether  
Concen: 47.573 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

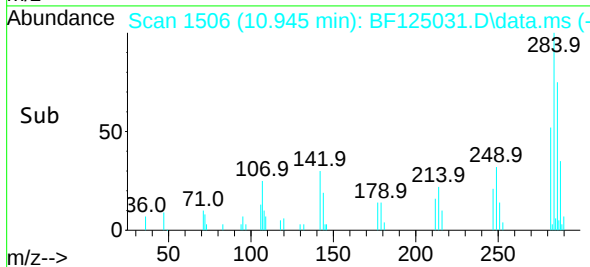
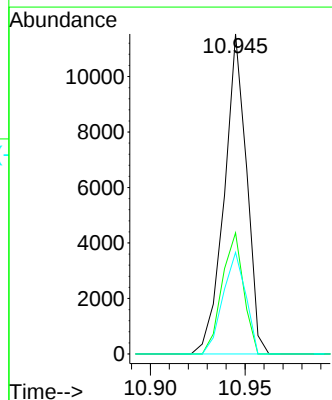
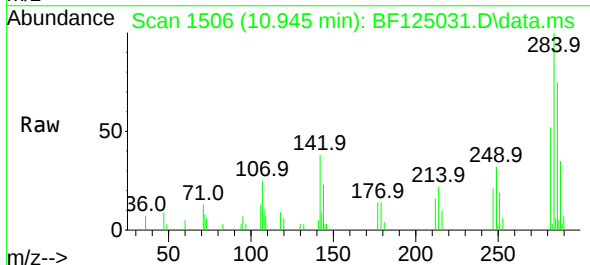
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

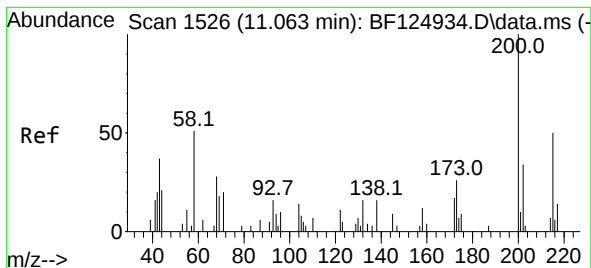
Tgt Ion:248 Resp: 8547  
Ion Ratio Lower Upper  
248 100  
250 98.7 74.2 111.4  
141 81.9 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 48.281 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:284 Resp: 9437  
Ion Ratio Lower Upper  
284 100  
142 37.9 36.4 54.6  
249 31.7 25.6 38.4





#69

Atrazine

Concen: 51.192 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF125031.D

Acq: 10 Aug 2021 15:10

Tgt Ion:200 Resp: 8178

Ion Ratio Lower Upper

200 100

173 24.4 11.1 51.1

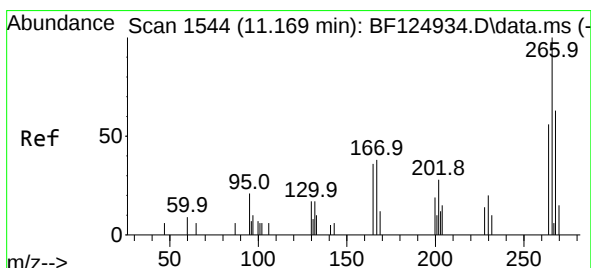
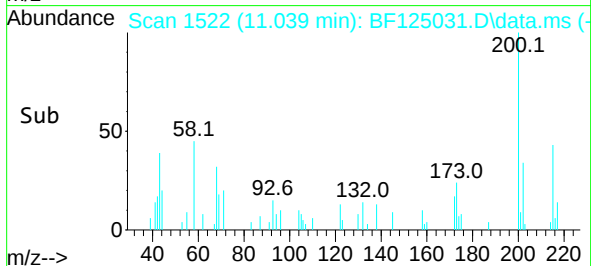
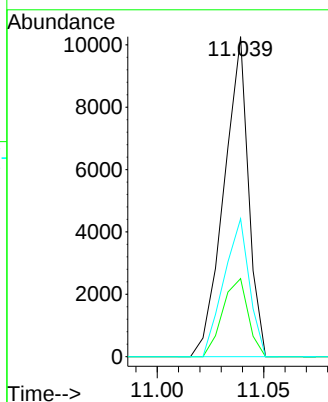
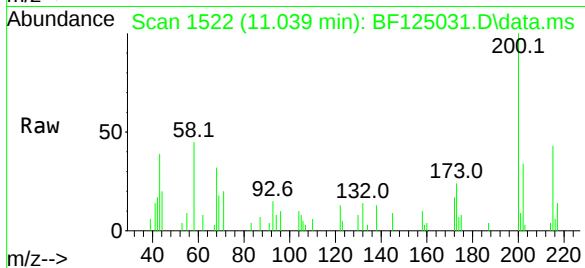
215 43.1 22.7 62.7

Instrument :

BNA\_F

ClientSampleId :

PB138299BS



#70

Pentachlorophenol

Concen: 88.279 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF125031.D

Acq: 10 Aug 2021 15:10

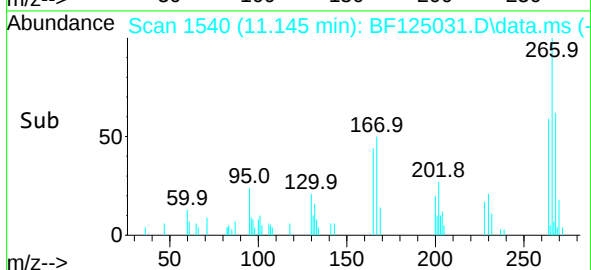
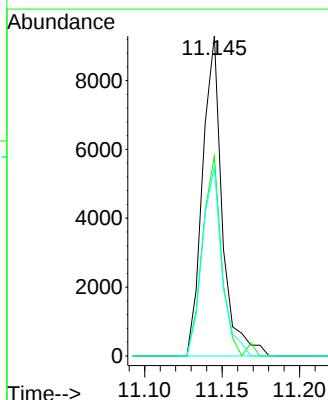
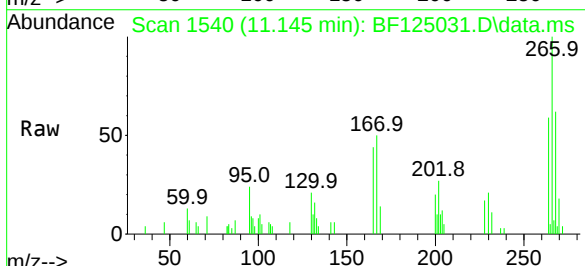
Tgt Ion:266 Resp: 8192

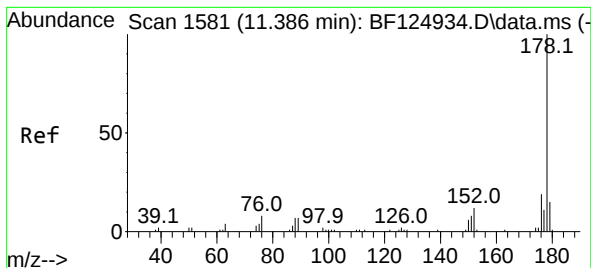
Ion Ratio Lower Upper

266 100

268 62.5 48.9 73.3

264 59.1 55.9 83.9

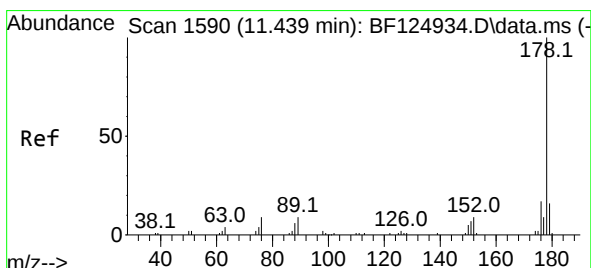
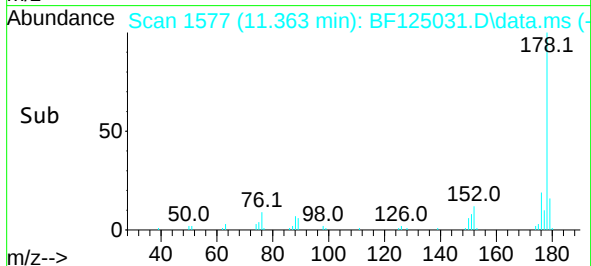
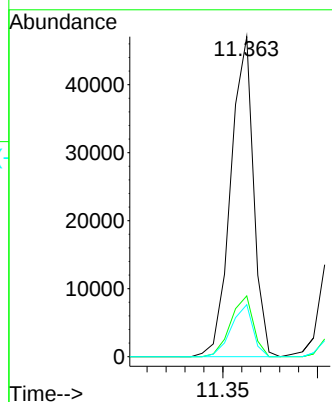
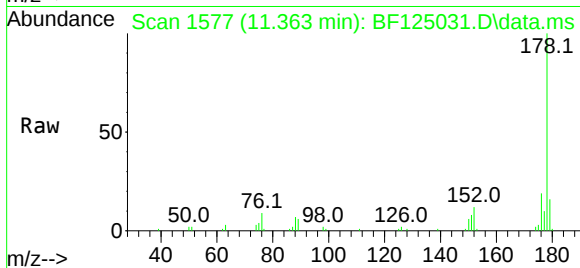




#71  
Phenanthrene  
Concen: 44.171 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

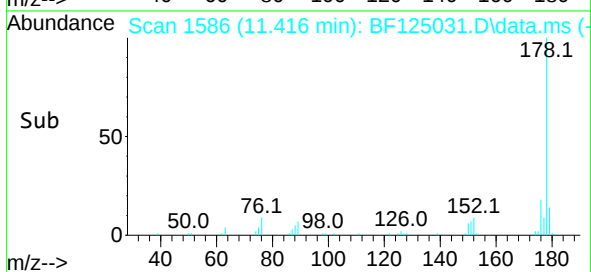
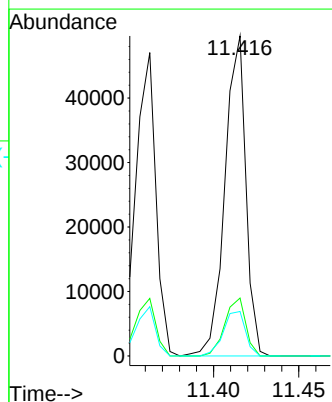
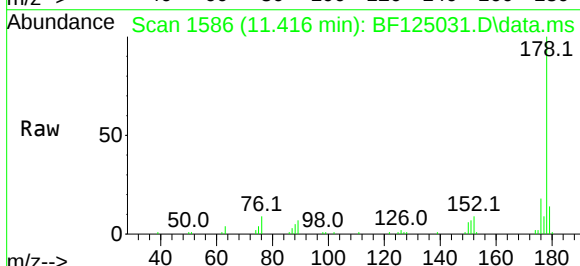
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

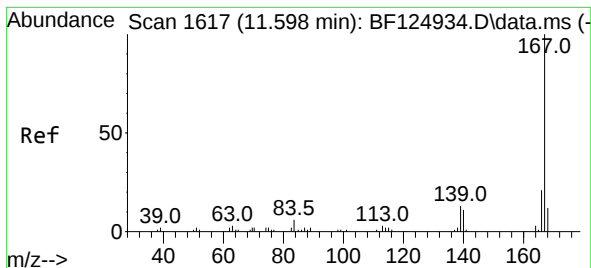
Tgt Ion:178 Resp: 39303  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.7 22.1  
179 16.2 11.5 17.3



#72  
Anthracene  
Concen: 47.468 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

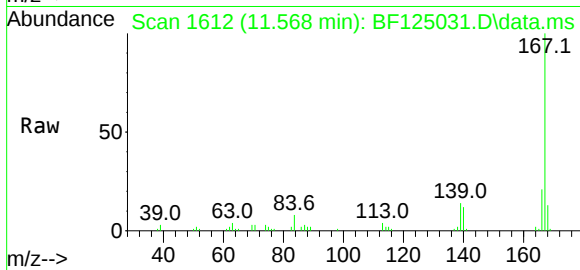
Tgt Ion:178 Resp: 42371  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.3 21.5  
179 13.9 12.2 18.4



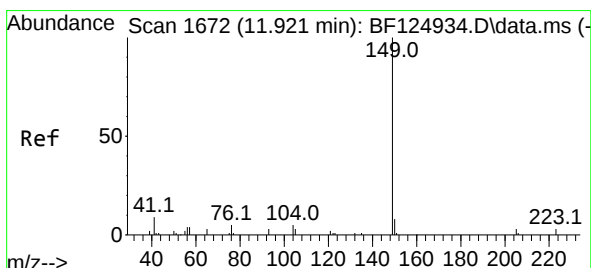
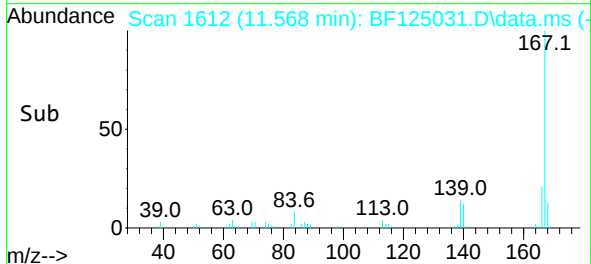
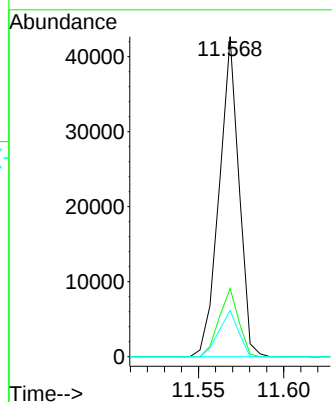


#73  
 Carbazole  
 Concen: 41.981 ng  
 RT: 11.568 min Scan# 1612  
 Delta R.T. -0.000 min  
 Lab File: BF125031.D  
 Acq: 10 Aug 2021 15:10

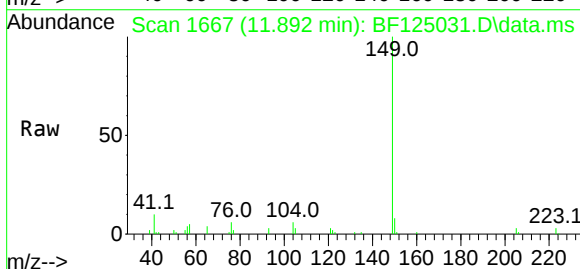
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138299BS



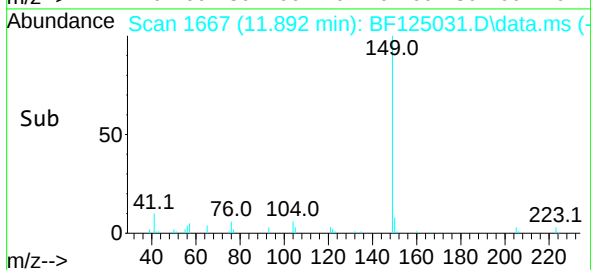
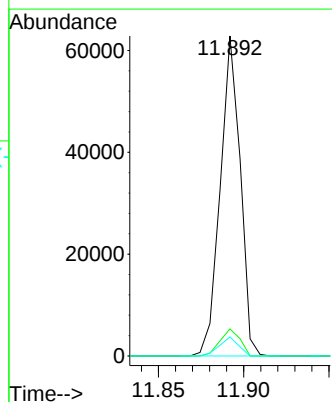
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:167 | Resp: | 34365     |
| Ion Ratio   | Lower | Upper     |
| 167         | 100   |           |
| 166         | 21.3  | 17.4 26.0 |
| 139         | 14.4  | 11.0 16.4 |

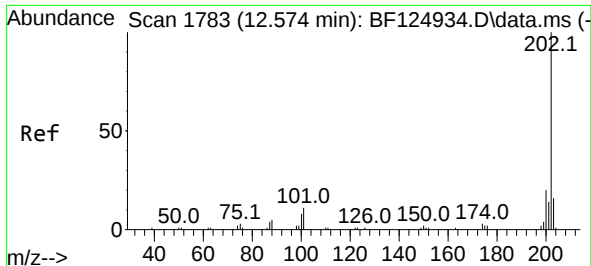


#74  
 Di-n-butylphthalate  
 Concen: 49.206 ng  
 RT: 11.892 min Scan# 1667  
 Delta R.T. -0.000 min  
 Lab File: BF125031.D  
 Acq: 10 Aug 2021 15:10



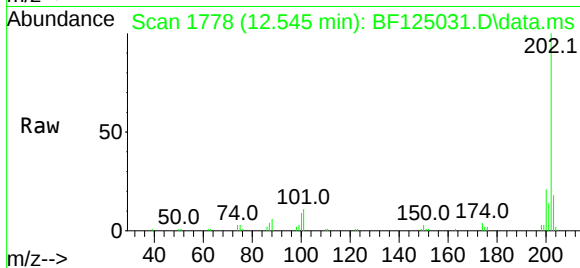
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 51191    |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 150         | 8.4   | 7.4 11.2 |
| 104         | 5.9   | 4.1 6.1  |



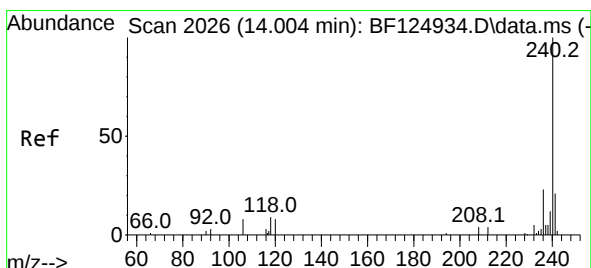
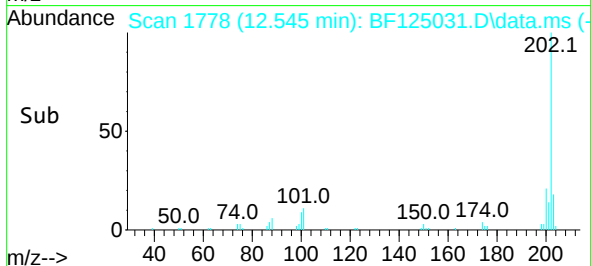
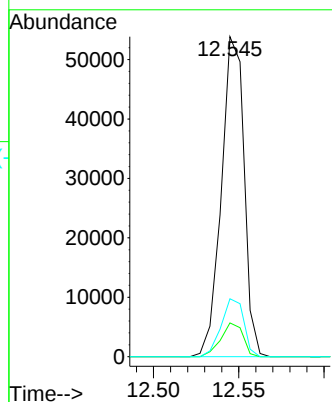


#75  
Fluoranthene  
Concen: 54.213 ng  
RT: 12.545 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

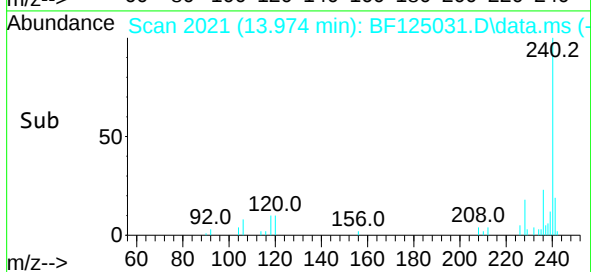
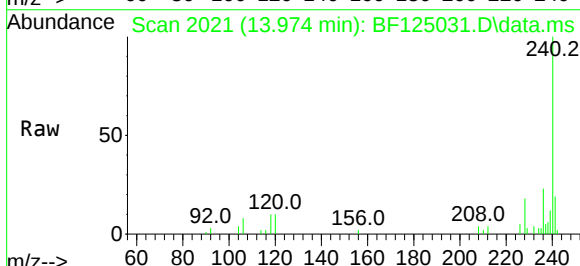
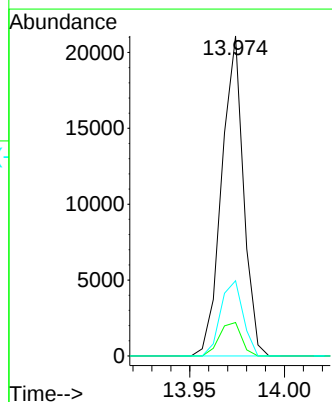


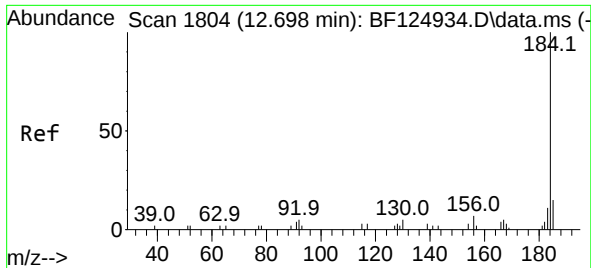
Tgt Ion:202 Resp: 49903  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 30.7  
203 18.1 0.0 36.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:240 Resp: 16862  
Ion Ratio Lower Upper  
240 100  
120 10.5 10.8 16.2#  
236 23.5 21.6 32.4

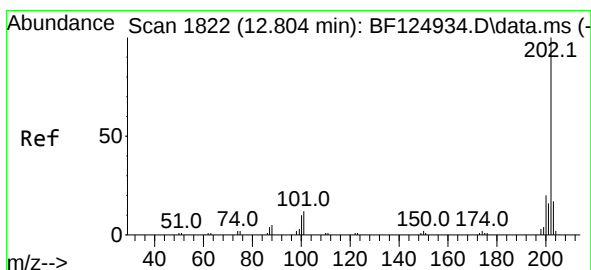
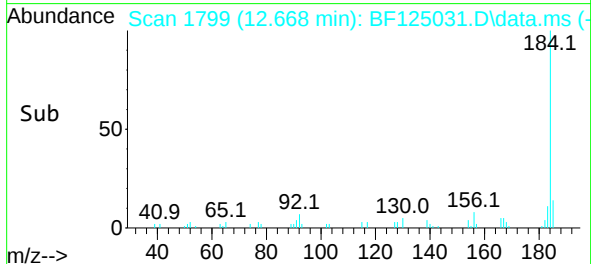
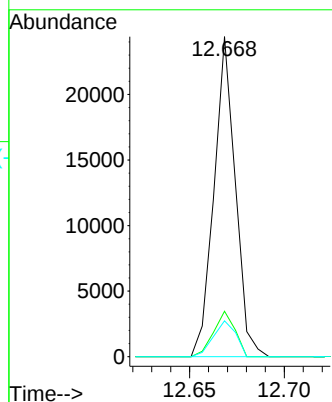
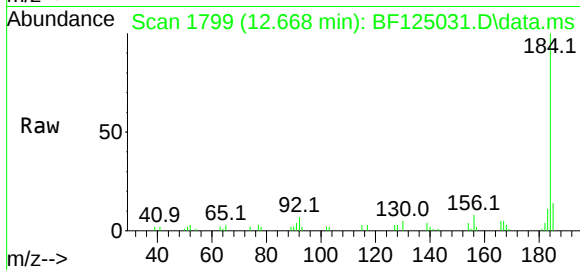




#77  
Benzidine  
Concen: 42.487 ng  
RT: 12.668 min Scan# 1799  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

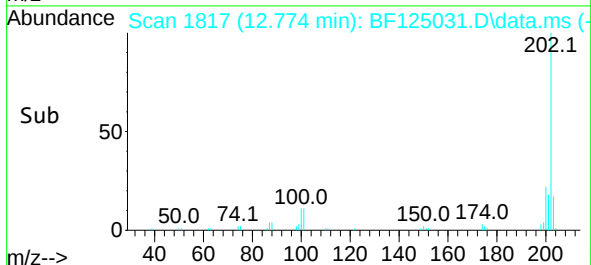
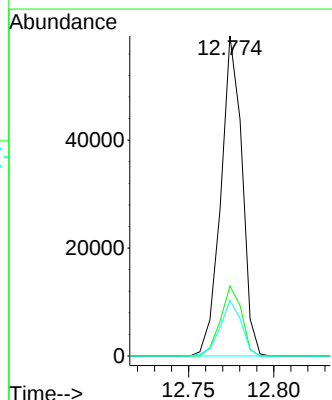
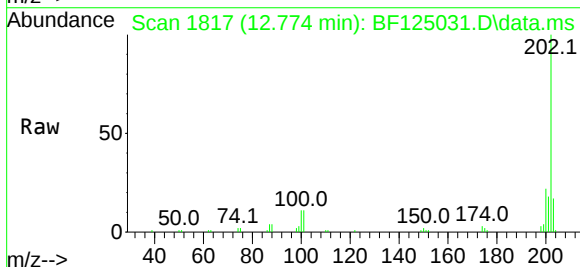
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

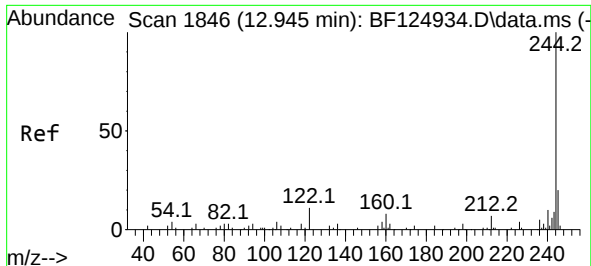
Tgt Ion:184 Resp: 19169  
Ion Ratio Lower Upper  
184 100  
185 14.2 10.8 16.2  
183 11.2 8.1 12.1



#78  
Pyrene  
Concen: 38.536 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:202 Resp: 51182  
Ion Ratio Lower Upper  
202 100  
200 21.9 15.3 22.9  
203 17.3 13.4 20.0

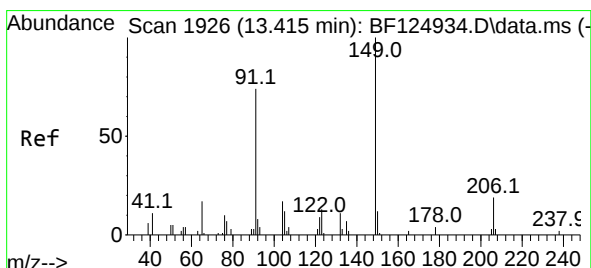
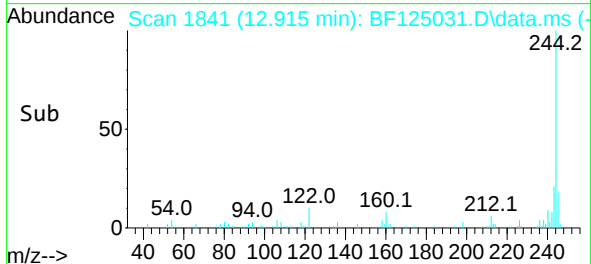
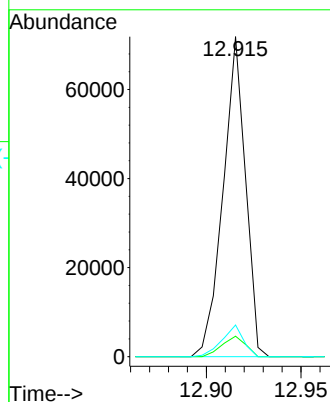
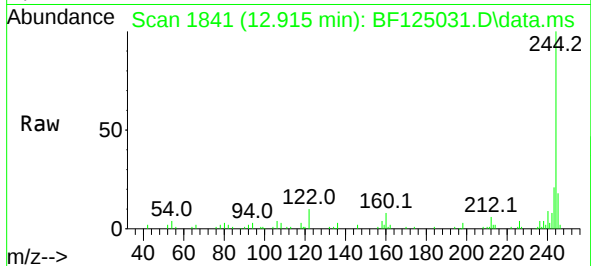




#79  
 Terphenyl-d14  
 Concen: 59.020 ng  
 RT: 12.915 min Scan# 1841  
 Delta R.T. -0.000 min  
 Lab File: BF125031.D  
 Acq: 10 Aug 2021 15:10

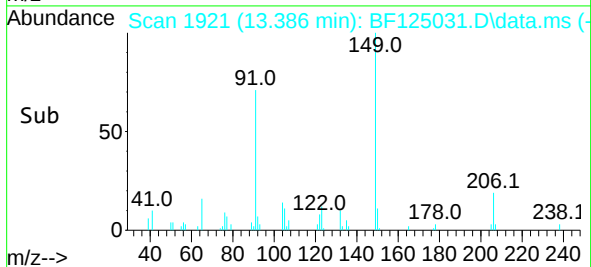
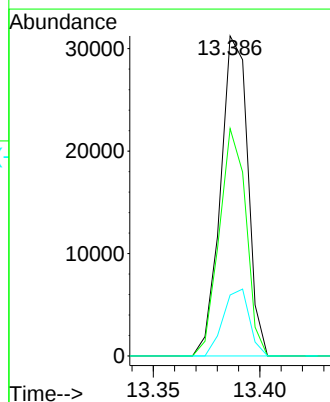
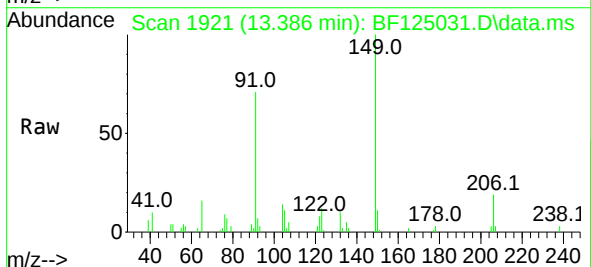
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138299BS

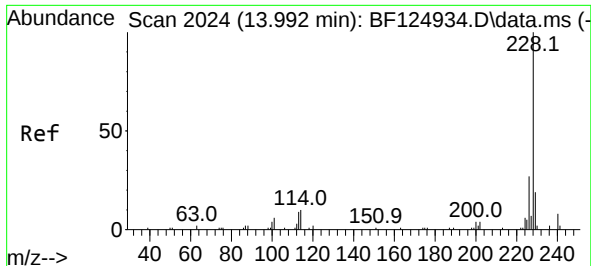
Tgt Ion:244 Resp: 58998  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.9 8.9  
 122 9.9 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 46.968 ng  
 RT: 13.386 min Scan# 1921  
 Delta R.T. -0.000 min  
 Lab File: BF125031.D  
 Acq: 10 Aug 2021 15:10

Tgt Ion:149 Resp: 27761  
 Ion Ratio Lower Upper  
 149 100  
 91 71.0 51.8 77.8  
 206 19.1 14.5 21.7

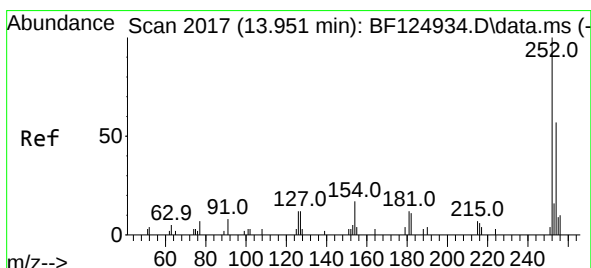
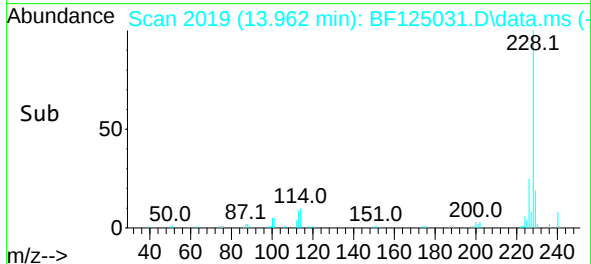
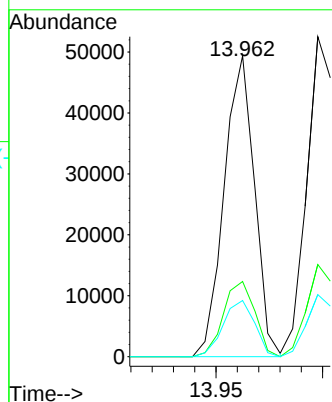
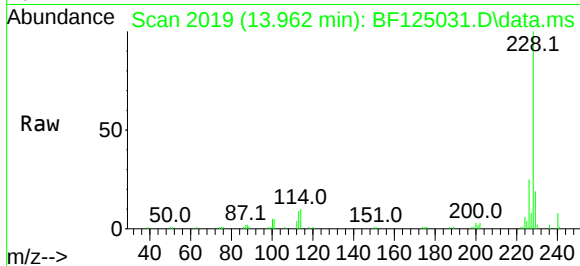




#81  
Benzo(a)anthracene  
Concen: 44.381 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

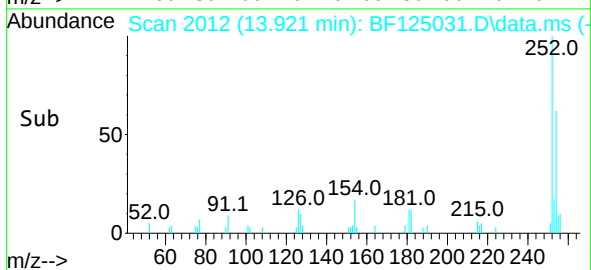
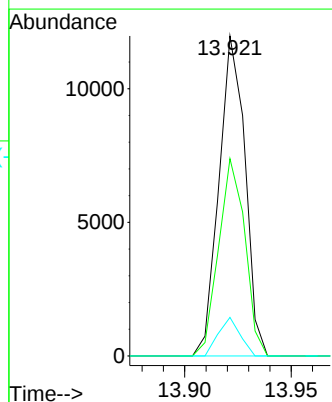
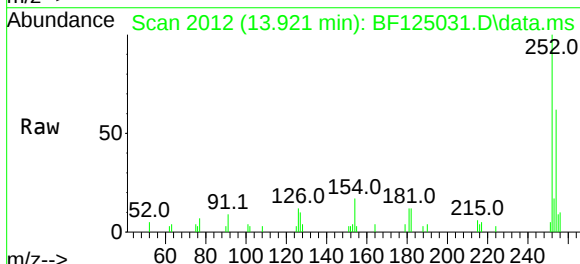
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

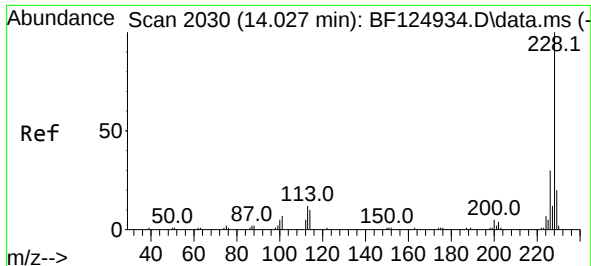
Tgt Ion:228 Resp: 48768  
Ion Ratio Lower Upper  
228 100  
226 25.0 21.6 32.4  
229 18.7 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 35.137 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:252 Resp: 10179  
Ion Ratio Lower Upper  
252 100  
254 61.7 51.4 77.0  
126 12.1 9.5 14.3

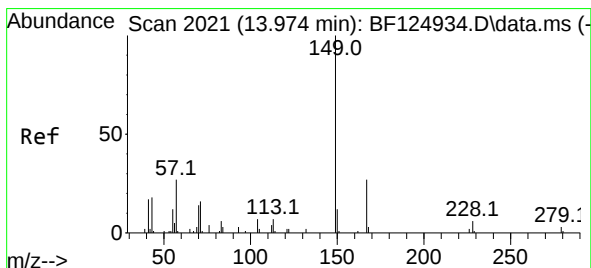
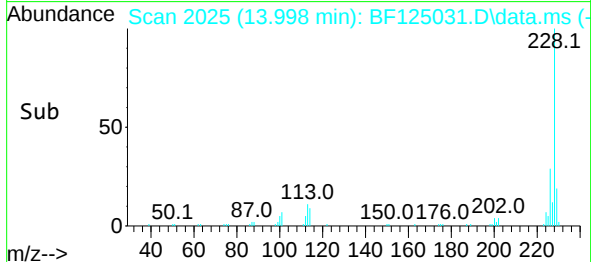
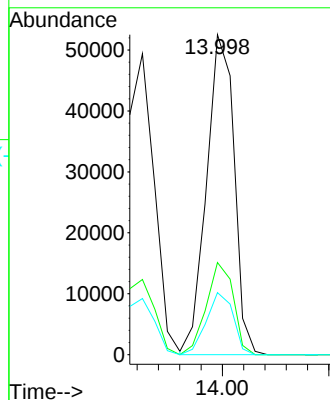
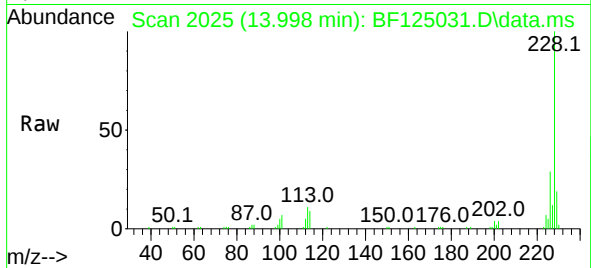




#83  
Chrysene  
Concen: 44.563 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

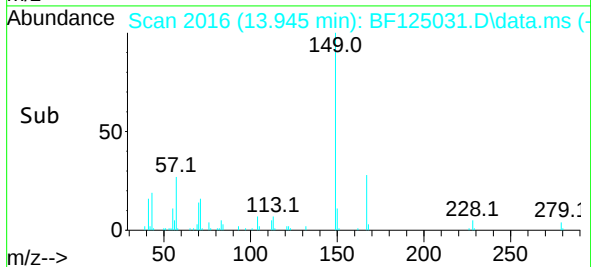
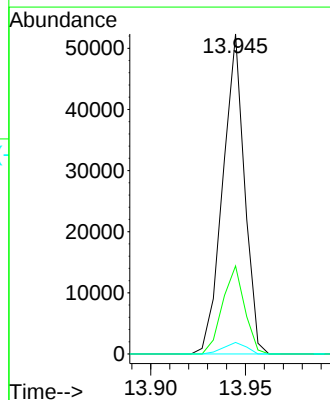
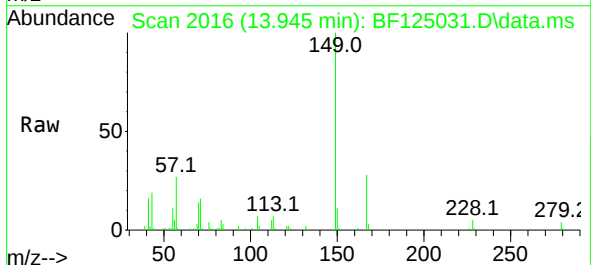
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

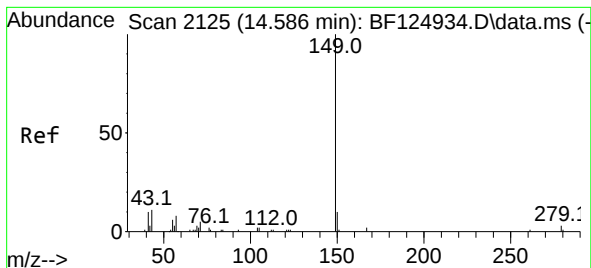
|             |             |
|-------------|-------------|
| Tgt Ion:228 | Resp: 47338 |
| Ion Ratio   | Lower Upper |
| 228 100     |             |
| 226 28.8    | 22.6 34.0   |
| 229 19.4    | 15.9 23.9   |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.810 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

|             |             |
|-------------|-------------|
| Tgt Ion:149 | Resp: 41661 |
| Ion Ratio   | Lower Upper |
| 149 100     |             |
| 167 27.5    | 21.4 32.0   |
| 279 3.6     | 2.6 4.0     |

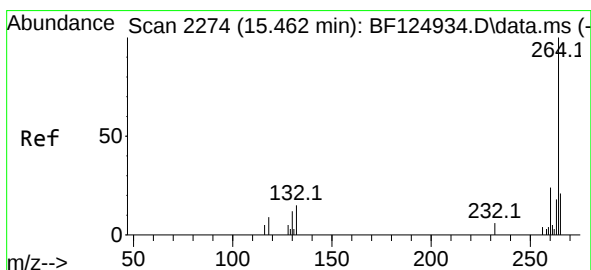
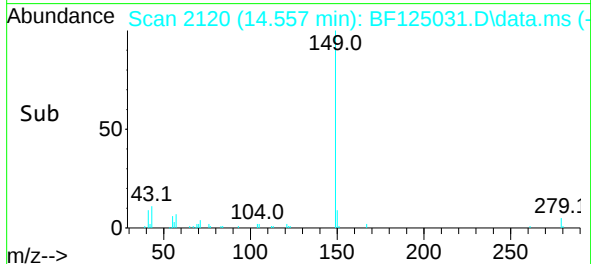
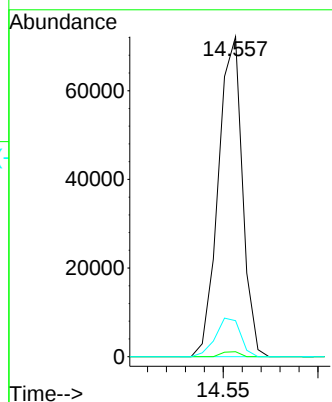
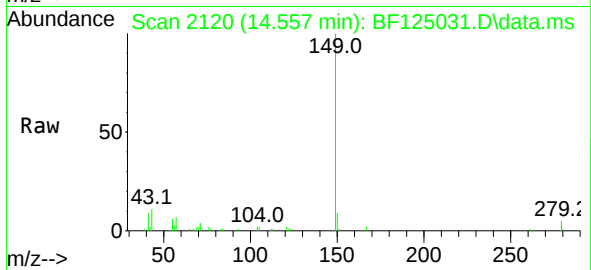




#85  
Di-n-octyl phthalate  
Concen: 49.310 ng  
RT: 14.557 min Scan# 2120  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

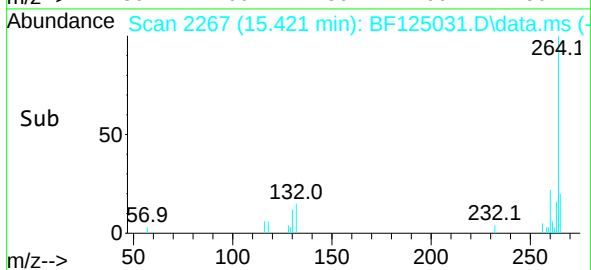
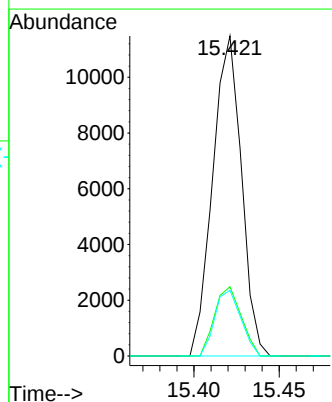
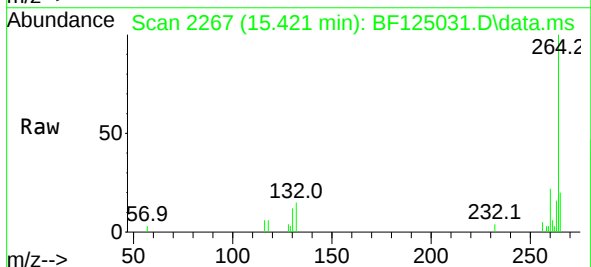
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

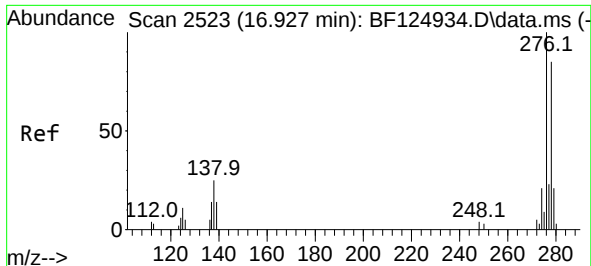
Tgt Ion:149 Resp: 63786  
Ion Ratio Lower Upper  
149 100  
167 1.2 1.0 1.6  
43 12.5 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.421 min Scan# 2267  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:264 Resp: 13460  
Ion Ratio Lower Upper  
264 100  
260 21.6 19.6 29.4  
265 20.5 17.2 25.8

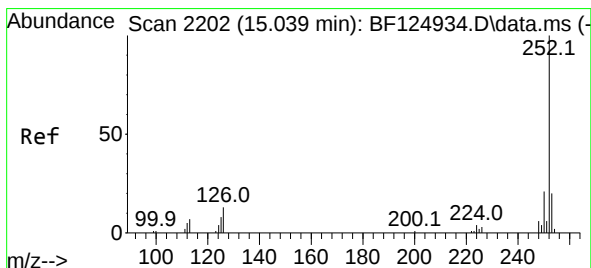
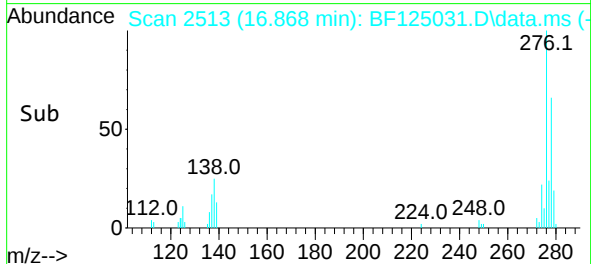
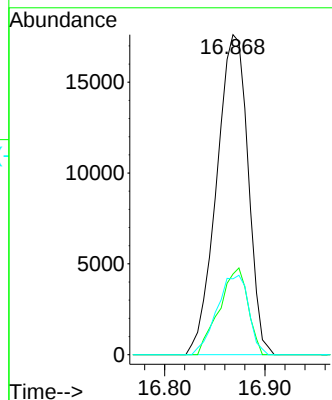
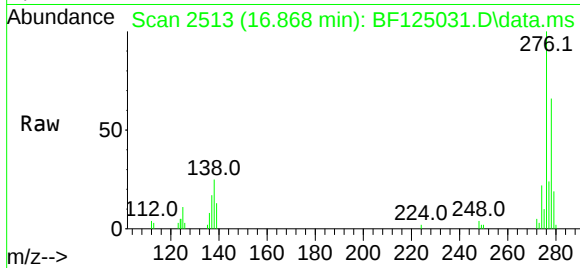




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.877 ng  
RT: 16.868 min Scan# 2513  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

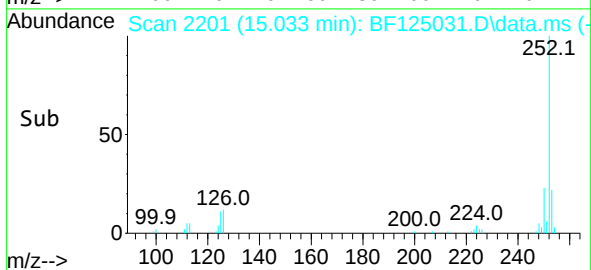
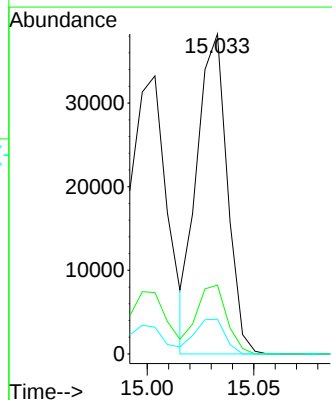
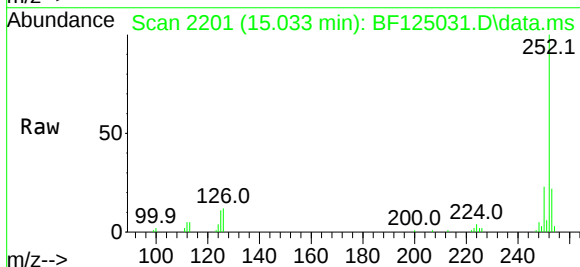
Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

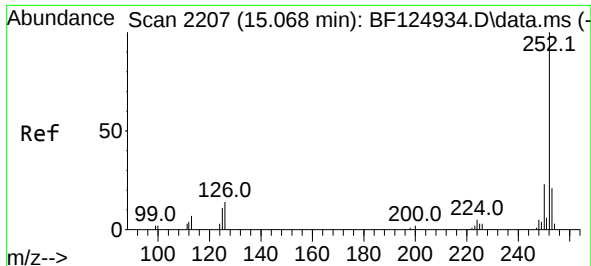
Tgt Ion:276 Resp: 38376  
Ion Ratio Lower Upper  
276 100  
138 24.5 24.1 36.1  
277 25.1 18.8 28.2



#88  
Benzo(b)fluoranthene  
Concen: 40.101 ng  
RT: 15.033 min Scan# 2201  
Delta R.T. 0.035 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:252 Resp: 37900  
Ion Ratio Lower Upper  
252 100  
253 21.5 16.8 25.2  
125 10.8 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 47.731 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.024 min

Lab File: BF125031.D

Acq: 10 Aug 2021 15:10

Tgt Ion:252 Resp: 41036

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

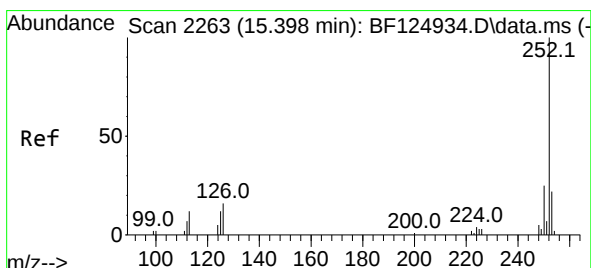
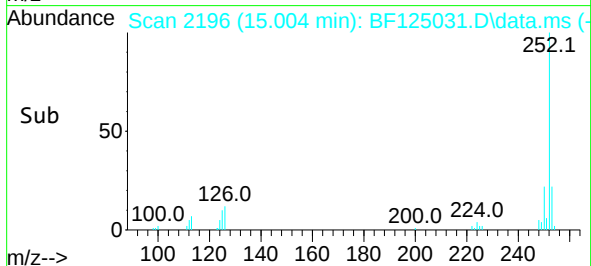
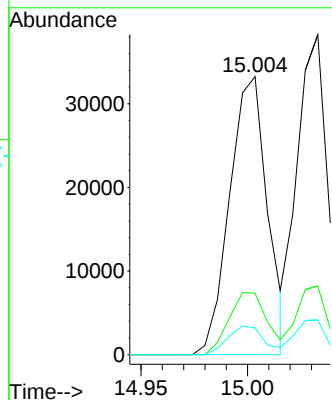
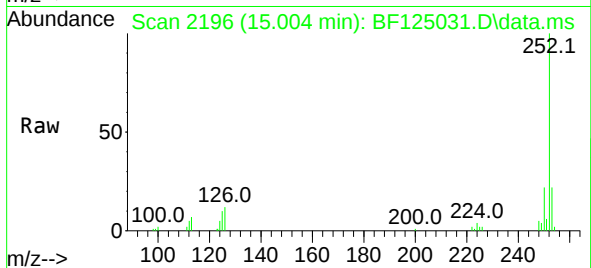
125 9.6 7.2 10.8

Instrument :

BNA\_F

ClientSampleId :

PB138299BS



#90

Benzo(a)pyrene

Concen: 45.444 ng

RT: 15.362 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF125031.D

Acq: 10 Aug 2021 15:10

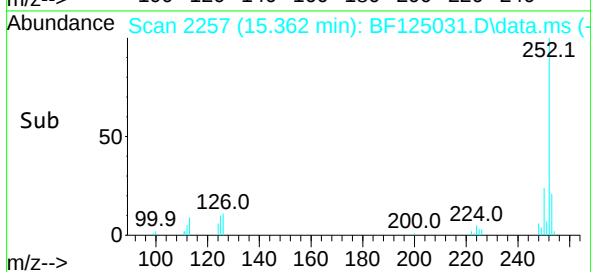
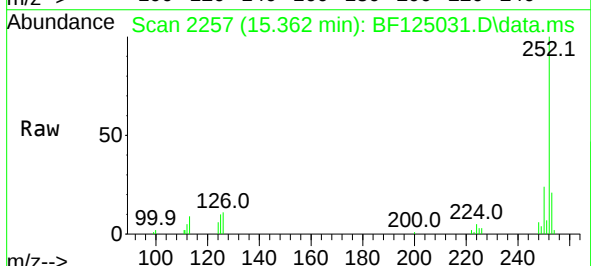
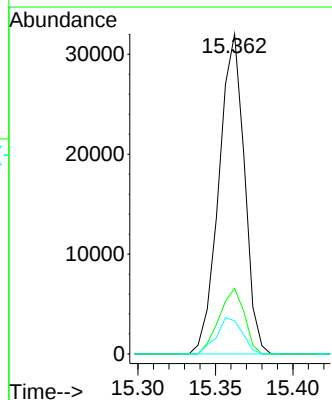
Tgt Ion:252 Resp: 36573

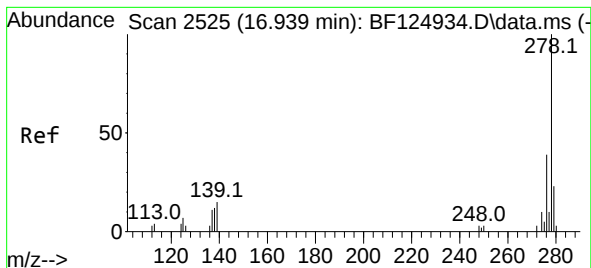
Ion Ratio Lower Upper

252 100

253 20.5 18.4 27.6

125 10.4 9.9 14.9

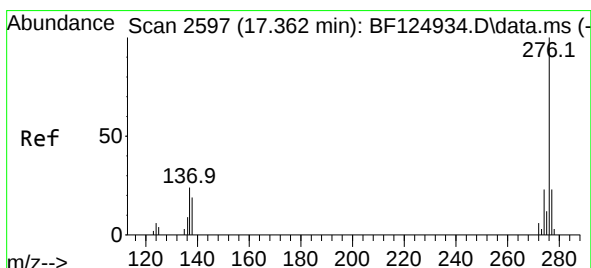
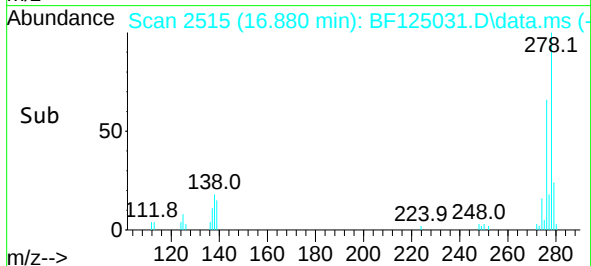
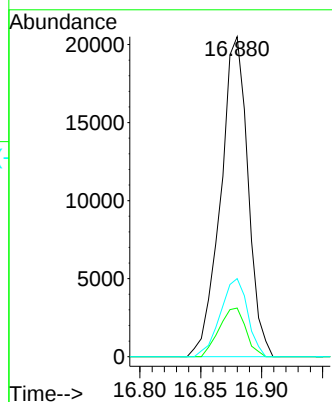
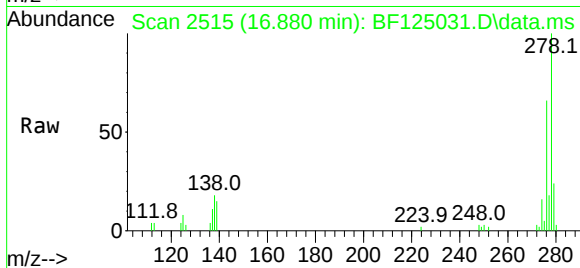




#91  
Dibenzo(a,h)anthracene  
Concen: 45.420 ng  
RT: 16.880 min Scan# 2515  
Delta R.T. 0.006 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB138299BS

Tgt Ion:278 Resp: 32010  
Ion Ratio Lower Upper  
278 100  
139 15.2 14.9 22.3  
279 24.4 19.7 29.5



#92  
Benzo(g,h,i)perylene  
Concen: 45.605 ng  
RT: 17.303 min Scan# 2587  
Delta R.T. -0.000 min  
Lab File: BF125031.D  
Acq: 10 Aug 2021 15:10

Tgt Ion:276 Resp: 30830  
Ion Ratio Lower Upper  
276 100  
277 23.4 22.0 33.0  
138 22.2 22.2 33.4#

