

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080621\  
 Data File : BF124955.D  
 Acq On : 6 Aug 2021 9:47  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 06 11:21:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 04 17:59:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 7511     | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.116  | 136  | 27160    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 14398    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 26017    | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 13.992 | 240  | 18824    | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12              | 15.445 | 264  | 15101    | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 34534    | 75.317 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.463  | 99   | 45483    | 78.669 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 41398    | 79.736 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 10590    | 82.328 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 81372    | 82.697 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 89885    | 80.546 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 6551     | 38.190 | ng    | # 100    |
| 3) Pyridine                   | 3.340  | 79   | 16173    | 40.575 | ng    | # 91     |
| 4) n-Nitrosodimethylamine     | 3.293  | 42   | 10928    | 38.607 | ng    | 99       |
| 6) Aniline                    | 6.492  | 93   | 24611    | 40.299 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.616  | 128  | 19536    | 38.842 | ng    | 92       |
| 9) Benzaldehyde               | 6.381  | 77   | 10861    | 34.529 | ng    | 95       |
| 10) Phenol                    | 6.475  | 94   | 23137    | 38.785 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 17284    | 38.622 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 21220    | 38.763 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 20845    | 38.091 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 20654    | 40.272 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 16127    | 38.670 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 26835    | 37.427 | ng    | 95       |
| 17) 2-Methylphenol            | 7.080  | 107  | 14851    | 39.447 | ng    | 97       |
| 18) Hexachloroethane          | 7.339  | 117  | 8497     | 39.658 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 12899    | 37.601 | ng    | # 96     |
| 20) 3+4-Methylphenols         | 7.239  | 107  | 18621    | 37.259 | ng    | # 84     |
| 22) Acetophenone              | 7.245  | 105  | 26493    | 39.829 | ng    | 97       |
| 24) Nitrobenzene              | 7.416  | 77   | 19954    | 39.719 | ng    | 95       |
| 25) Isophorone                | 7.657  | 82   | 35138    | 39.654 | ng    | # 92     |
| 26) 2-Nitrophenol             | 7.728  | 139  | 9836     | 38.556 | ng    | # 82     |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 14205    | 39.280 | ng    | 86       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 19556    | 38.776 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.969  | 162  | 16062    | 39.865 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 17614    | 39.010 | ng    | 99       |
| 31) Naphthalene               | 8.133  | 128  | 57625    | 41.296 | ng    | 97       |
| 32) Benzoic acid              | 7.898  | 122  | 6378     | 32.585 | ng    | # 81     |
| 33) 4-Chloroaniline           | 8.186  | 127  | 21238    | 40.841 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 11144    | 41.329 | ng    | 99       |
| 35) Caprolactam               | 8.563  | 113  | 4380     | 40.937 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.663  | 107  | 17136    | 40.658 | ng    | 91       |
| 37) 2-Methylnaphthalene       | 8.827  | 142  | 37880    | 40.374 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.927  | 142  | 34907    | 39.762 | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 8.992  | 216  | 16847    | 40.765 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.974  | 237  | 5670     | 39.015 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.104  | 196  | 11615    | 42.219 | ng    | 97       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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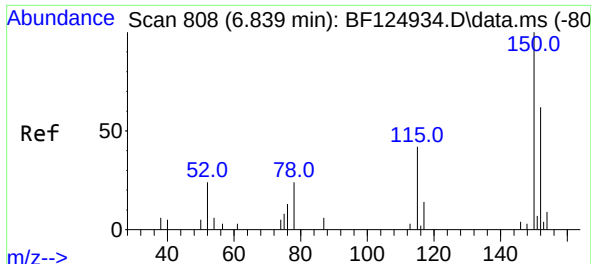
Quant Time: Aug 06 11:21:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 04 17:59:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 11794    | 42.350 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 45229    | 42.155 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.316  | 162  | 34897    | 40.882 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.410  | 65   | 10240    | 40.838 | ng    | 94       |
| 49) Acenaphthylene            | 9.733  | 152  | 54421    | 41.971 | ng    | 99       |
| 50) Dimethylphthalate         | 9.592  | 163  | 41099    | 42.123 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 9.657  | 165  | 9038     | 41.599 | ng    | 95       |
| 52) Acenaphthene              | 9.904  | 154  | 33081    | 42.084 | ng    | 95       |
| 53) 3-Nitroaniline            | 9.827  | 138  | 9672     | 42.266 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.933  | 184  | 3670     | 36.479 | ng    | # 73     |
| 55) Dibenzofuran              | 10.074 | 168  | 50720    | 41.287 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.980  | 139  | 6141     | 40.711 | ng    | # 78     |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 11901    | 40.346 | ng    | 97       |
| 58) Fluorene                  | 10.416 | 166  | 39995    | 42.459 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 9024     | 43.187 | ng    | # 89     |
| 60) Diethylphthalate          | 10.286 | 149  | 41981    | 41.927 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 18704    | 42.048 | ng    | 91       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 9281     | 41.774 | ng    | 97       |
| 63) Azobenzene                | 10.569 | 77   | 40206    | 41.062 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.469 | 198  | 6619     | 40.610 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.527 | 169  | 33094    | 39.246 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 11649    | 40.879 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.963 | 284  | 12301    | 39.678 | ng    | # 89     |
| 69) Atrazine                  | 11.051 | 200  | 10718    | 42.299 | ng    | 94       |
| 70) Pentachlorophenol         | 11.157 | 266  | 5153     | 37.177 | ng    | 95       |
| 71) Phenanthrene              | 11.380 | 178  | 57625    | 40.831 | ng    | 99       |
| 72) Anthracene                | 11.433 | 178  | 59216    | 41.825 | ng    | 99       |
| 73) Carbazole                 | 11.586 | 167  | 53244    | 41.008 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 66929    | 40.560 | ng    | 99       |
| 75) Fluoranthene              | 12.562 | 202  | 60396    | 41.366 | ng    | 99       |
| 77) Benzidine                 | 12.686 | 184  | 20106    | 39.919 | ng    | 98       |
| 78) Pyrene                    | 12.792 | 202  | 60557    | 40.842 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 26725    | 40.502 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 50816    | 41.425 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 13550    | 41.898 | ng    | 98       |
| 83) Chrysene                  | 14.021 | 228  | 49795    | 41.991 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.962 | 149  | 37090    | 40.521 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 57896    | 40.092 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.903 | 276  | 32656    | 36.314 | ng    | 93       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 42459    | 40.043 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 37476    | 38.853 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 34350    | 38.043 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.915 | 278  | 28597    | 36.168 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.339 | 276  | 26267    | 34.633 | ng    | 94       |

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

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QLast Update : Wed Aug 04 17:59:00 2021  
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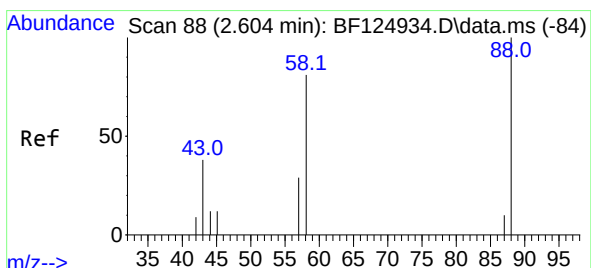
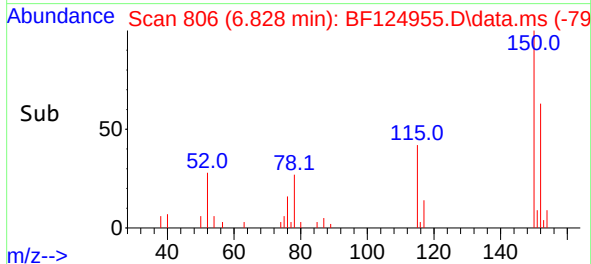
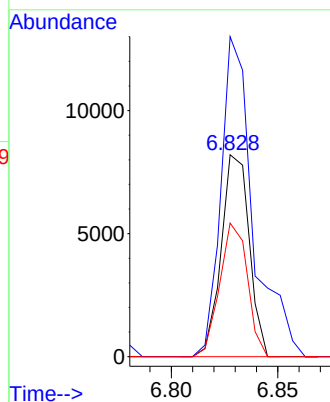
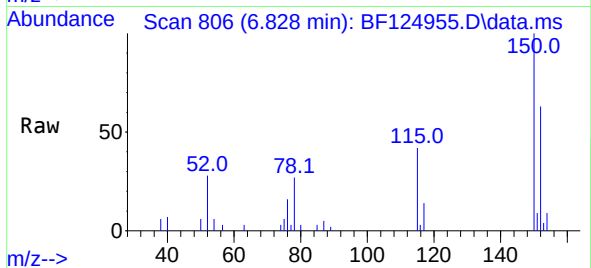




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.011 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

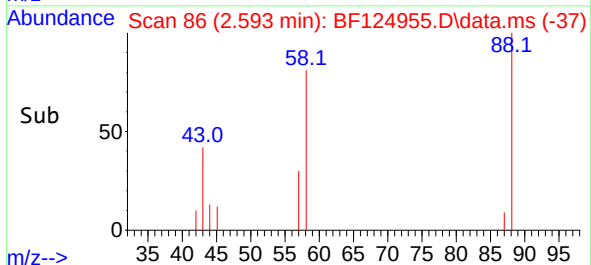
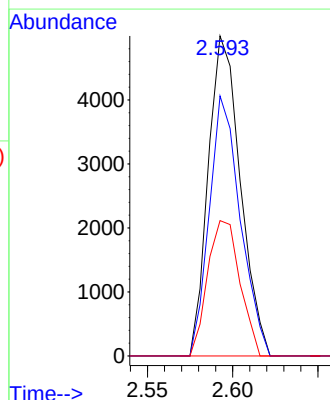
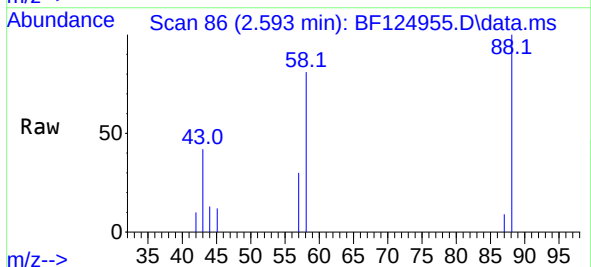
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

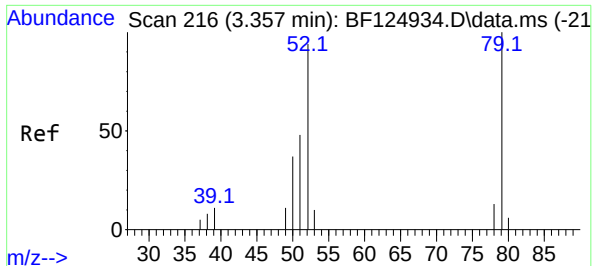
Tgt Ion:152 Resp: 7511  
Ion Ratio Lower Upper  
152 100  
150 158.5 117.6 176.4  
115 66.2 47.1 70.7



#2  
1,4-Dioxane  
Concen: 38.190 ng  
RT: 2.593 min Scan# 86  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 88 Resp: 6551  
Ion Ratio Lower Upper  
88 100  
58 78.5 0.0 0.0#  
43 42.5 0.0 0.0#

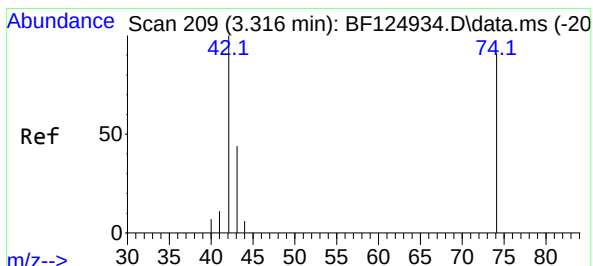
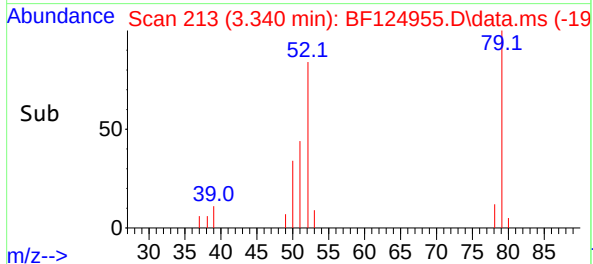
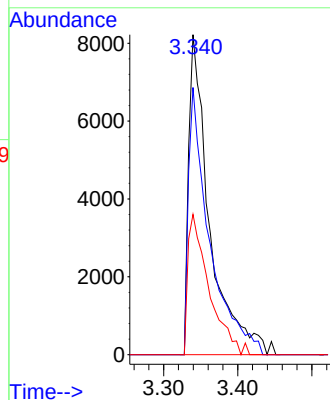
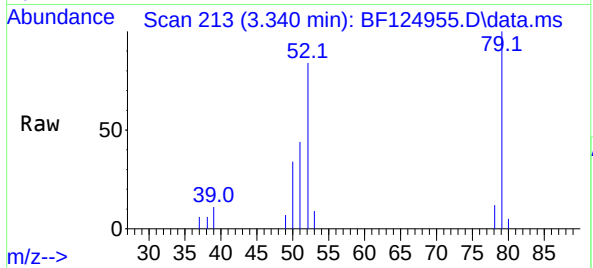




#3  
Pyridine  
Concen: 40.575 ng  
RT: 3.340 min Scan# 213  
Delta R.T. -0.018 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

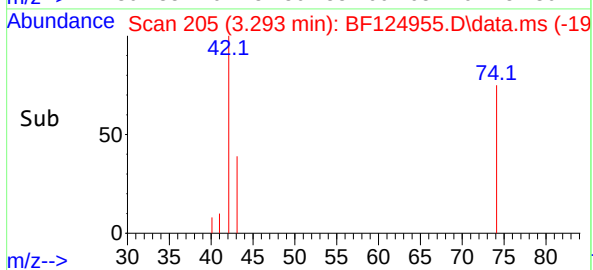
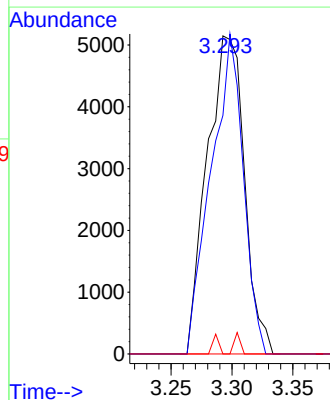
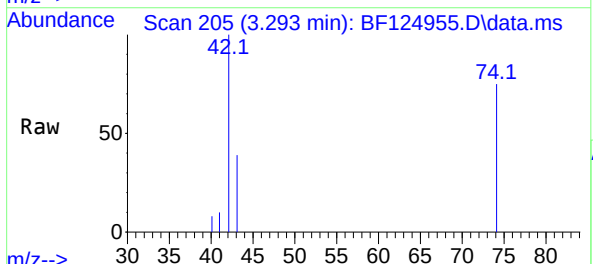
Instrument :  
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ClientSampleId :  
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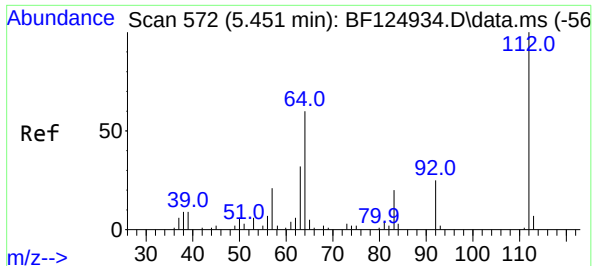
Tgt Ion: 79 Resp: 16173  
Ion Ratio Lower Upper  
79 100  
52 83.5 70.3 105.5  
51 43.9 44.1 66.1#



#4  
n-Nitrosodimethylamine  
Concen: 38.607 ng  
RT: 3.293 min Scan# 205  
Delta R.T. -0.024 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 42 Resp: 10928  
Ion Ratio Lower Upper  
42 100  
74 75.0 59.0 88.6  
44 0.0 0.0 0.0

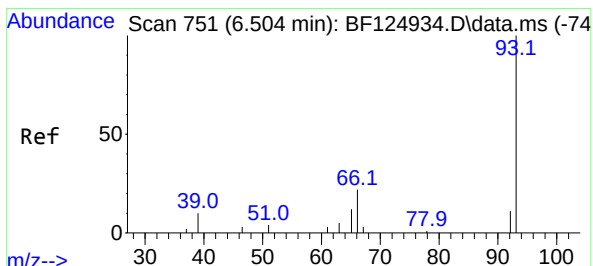
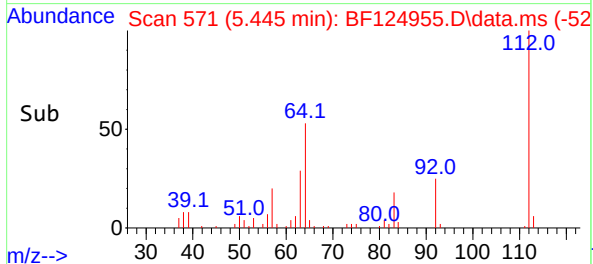
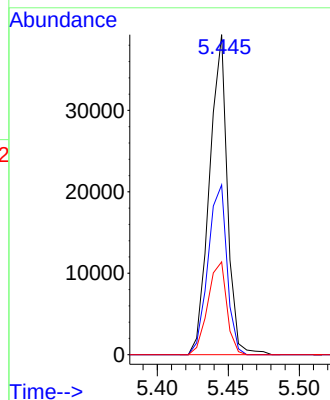
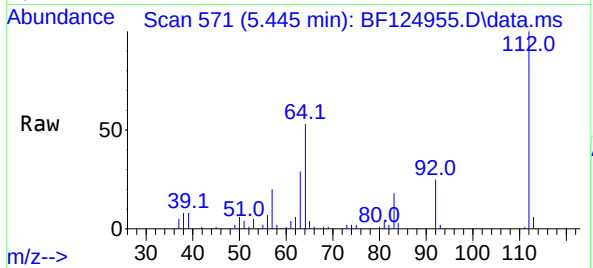




#5  
2-Fluorophenol  
Concen: 75.317 ng  
RT: 5.445 min Scan# 571  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

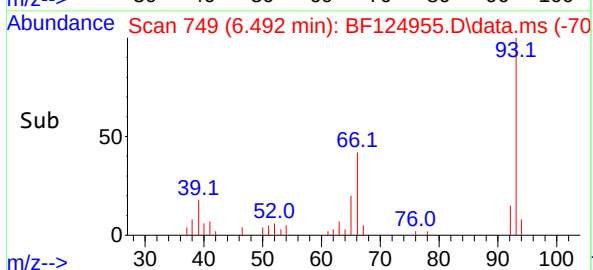
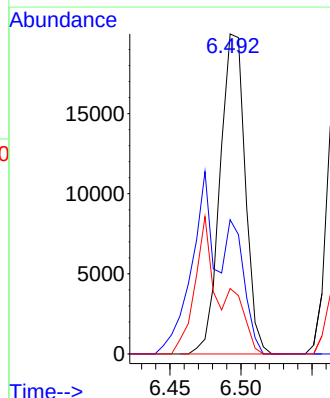
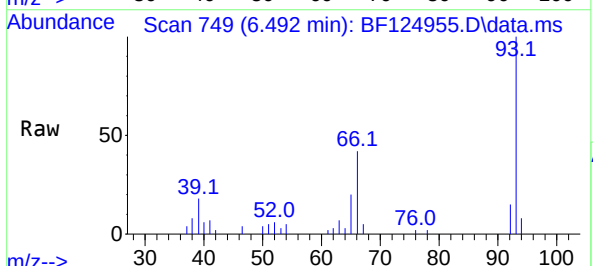
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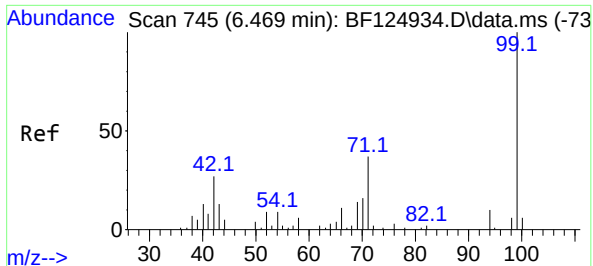
Tgt Ion:112 Resp: 34534  
Ion Ratio Lower Upper  
112 100  
64 53.1 44.2 66.2  
63 29.0 26.2 39.2



#6  
Aniline  
Concen: 40.299 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 93 Resp: 24611  
Ion Ratio Lower Upper  
93 100  
66 41.9 32.7 49.1  
65 20.5 14.2 21.4

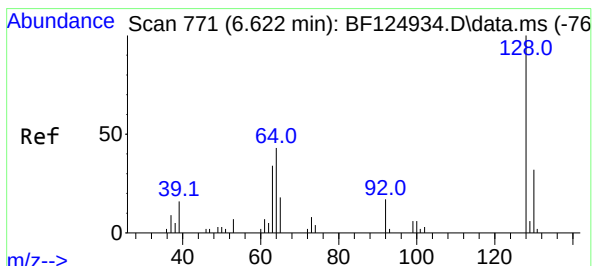
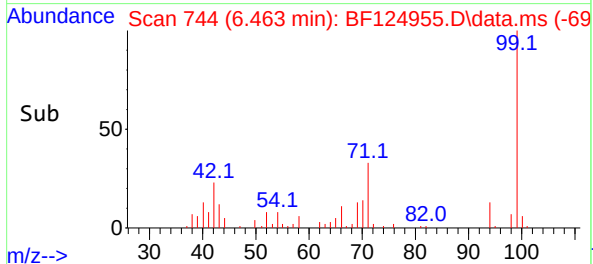
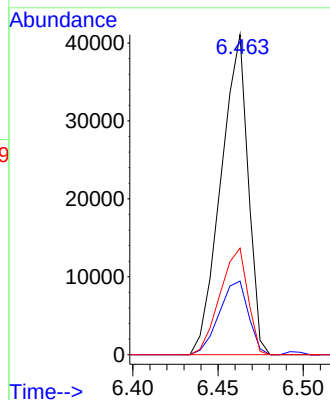
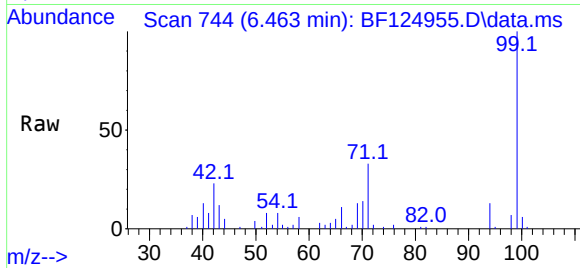




#7  
Phenol-d6  
Concen: 78.669 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

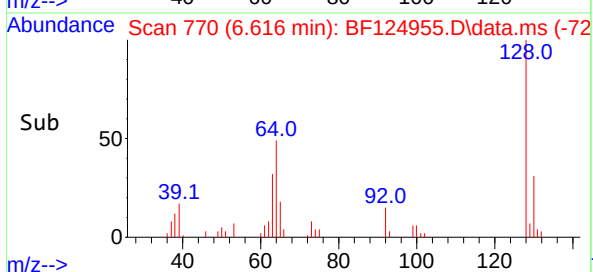
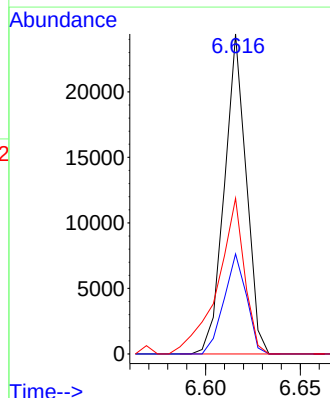
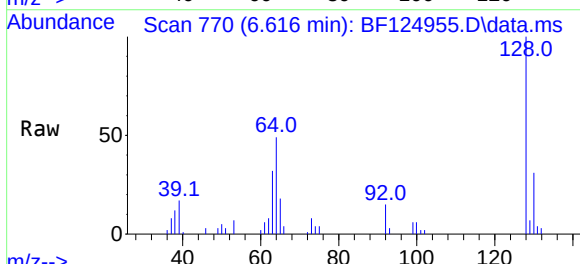
Instrument :  
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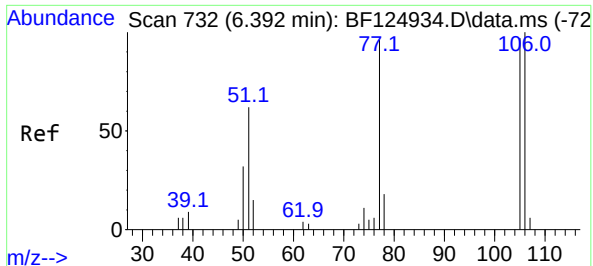
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Ion Ratio Lower Upper  
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42 23.0 23.5 35.3#  
71 33.3 25.6 38.4



#8  
2-Chlorophenol  
Concen: 38.842 ng  
RT: 6.616 min Scan# 770  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 128 Resp: 19536  
Ion Ratio Lower Upper  
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130 31.2 10.5 50.5  
64 48.7 20.3 60.3



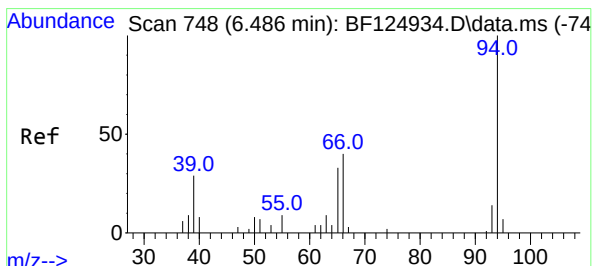
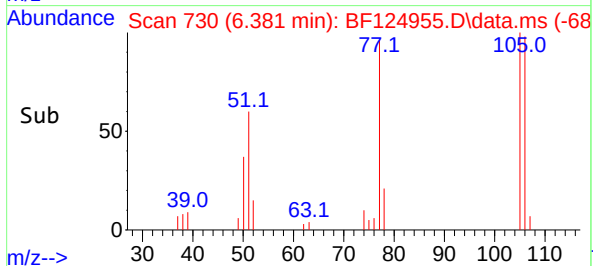
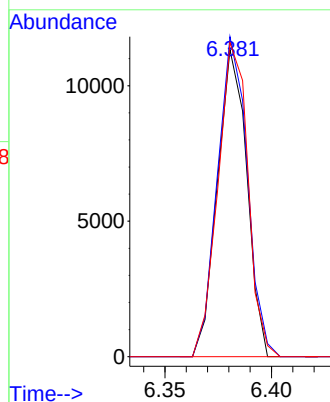
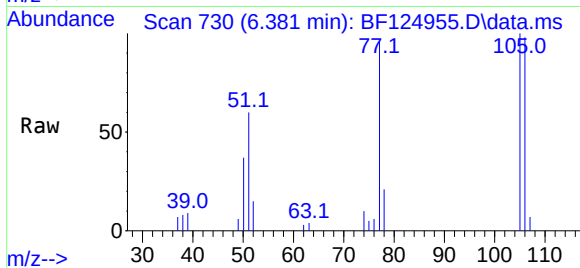


#9  
Benzaldehyde  
Concen: 34.529 ng  
RT: 6.381 min Scan# 730  
Delta R.T. -0.011 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 10861

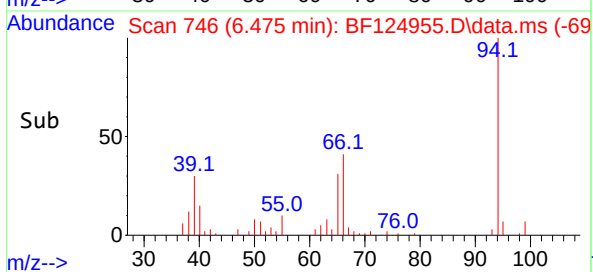
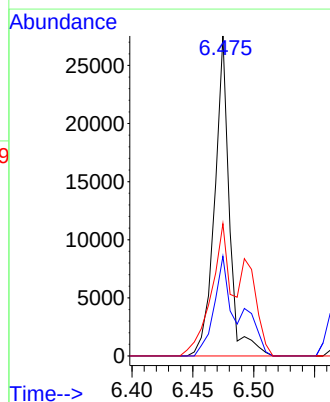
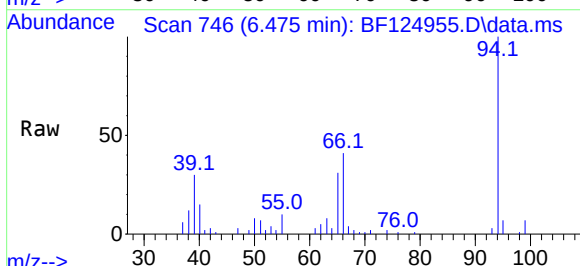
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 104.2 | 75.9  | 115.9 |
| 106 | 102.2 | 84.0  | 124.0 |



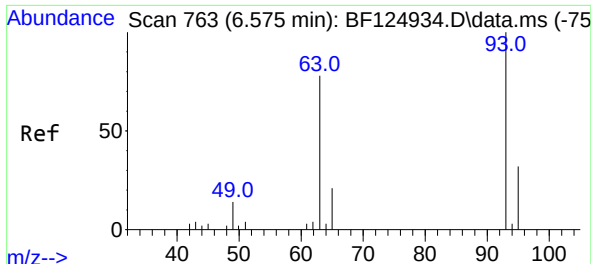
#10  
Phenol  
Concen: 38.785 ng  
RT: 6.475 min Scan# 746  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 94 Resp: 23137

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 31.1  | 9.3   | 49.3  |
| 66  | 41.4  | 20.3  | 60.3  |

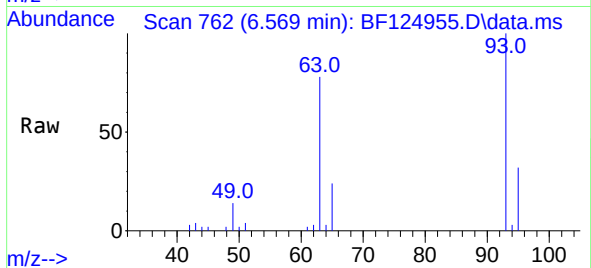






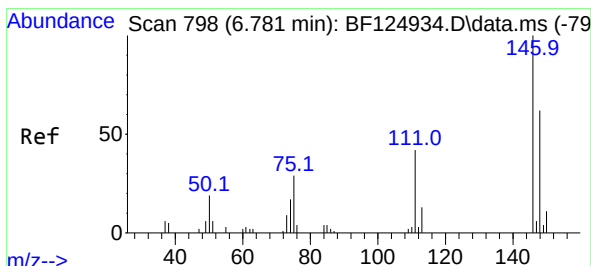
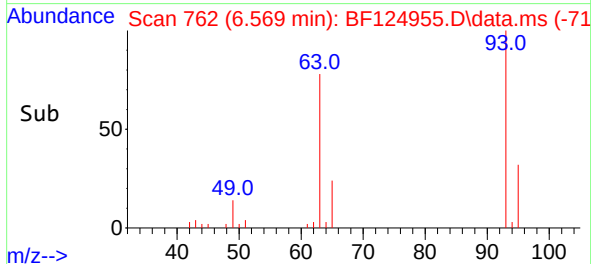
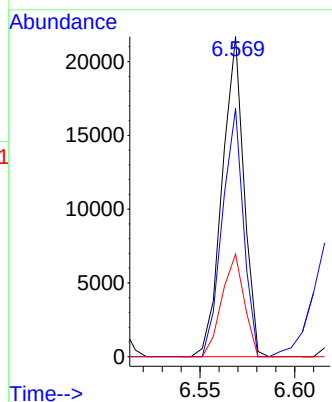
#11  
bis(2-Chloroethyl)ether  
Concen: 38.622 ng  
RT: 6.569 min Scan# 762  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

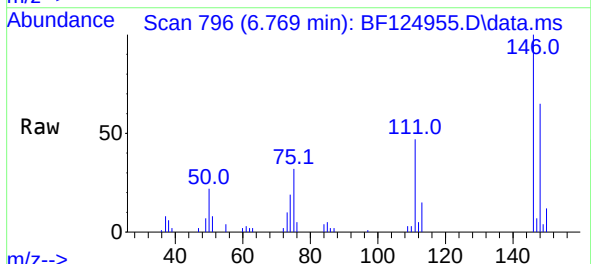


Tgt Ion: 93 Resp: 17284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 77.6  | 54.4  | 94.4  |
| 95  | 32.1  | 11.4  | 51.4  |

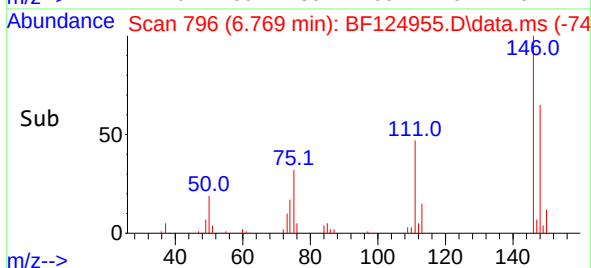
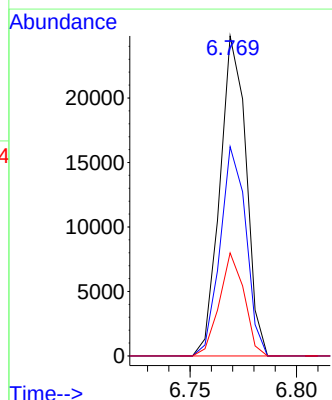


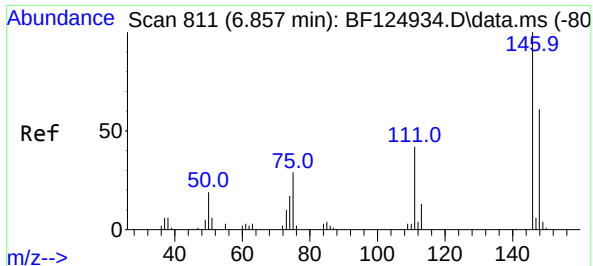
#12  
1,3-Dichlorobenzene  
Concen: 38.763 ng  
RT: 6.769 min Scan# 796  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47



Tgt Ion: 146 Resp: 21220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.4  | 49.7  | 74.5  |
| 75  | 32.2  | 25.2  | 37.8  |

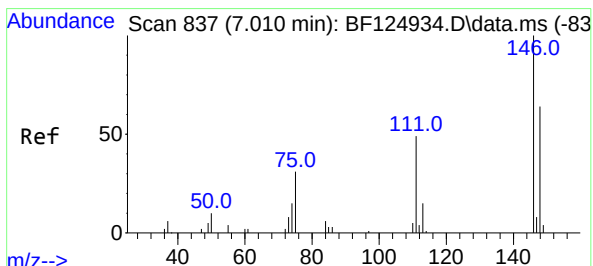
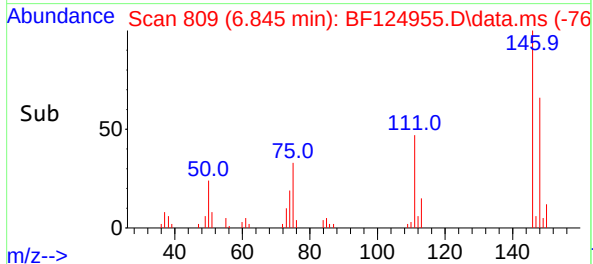
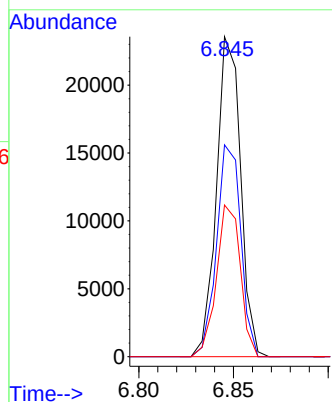
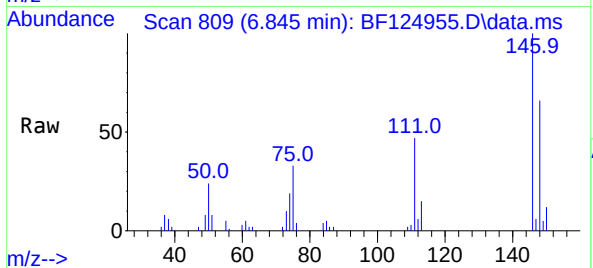




#13  
1,4-Dichlorobenzene  
Concen: 38.091 ng  
RT: 6.845 min Scan# 809  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

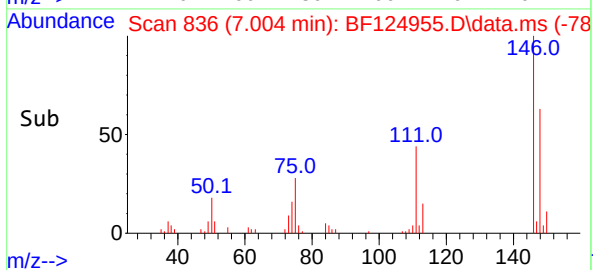
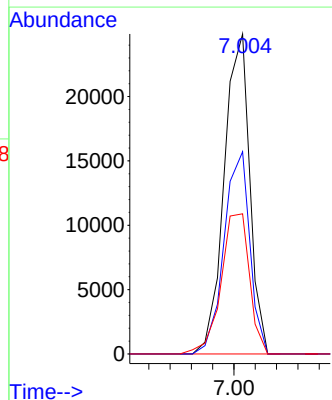
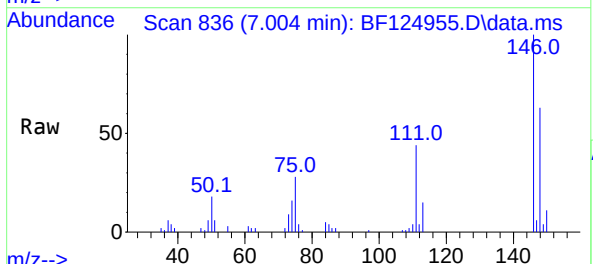
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

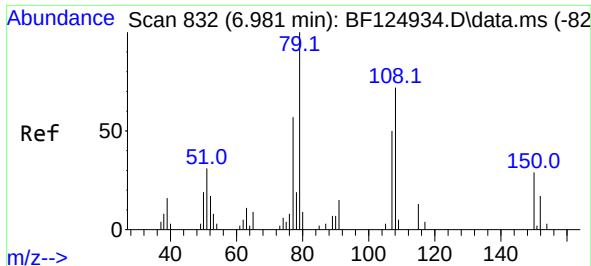
Tgt Ion:146 Resp: 20845  
Ion Ratio Lower Upper  
146 100  
148 66.2 51.9 77.9  
111 47.4 31.8 47.6



#14  
1,2-Dichlorobenzene  
Concen: 40.272 ng  
RT: 7.004 min Scan# 836  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:146 Resp: 20654  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.6 75.8  
111 43.8 33.5 50.3

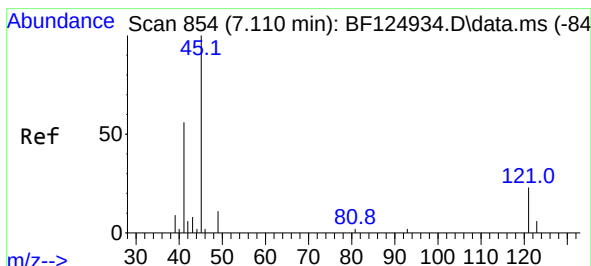
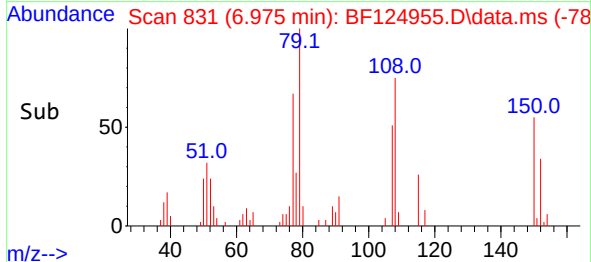
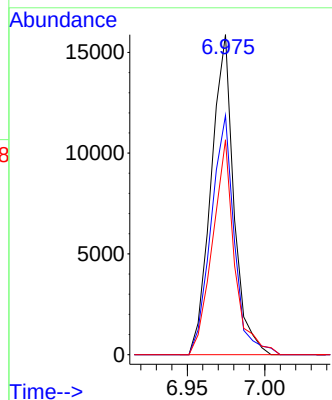
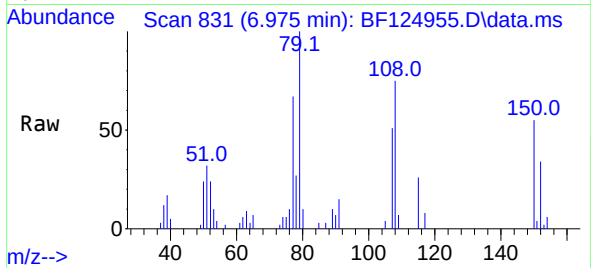




#15  
Benzyl Alcohol  
Concen: 38.670 ng  
RT: 6.975 min Scan# 831  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

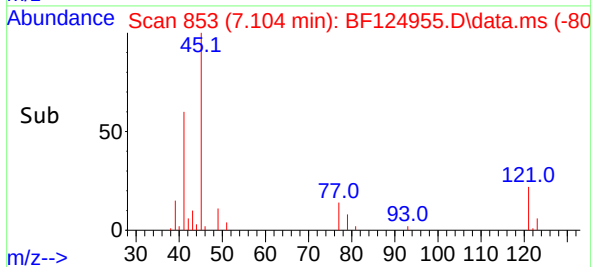
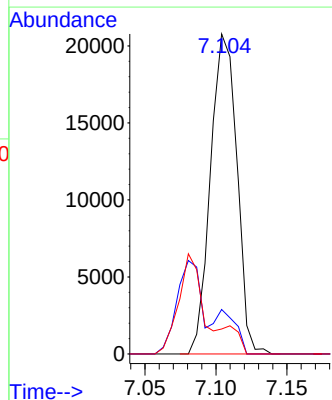
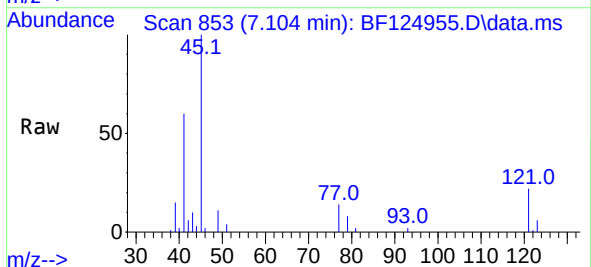
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

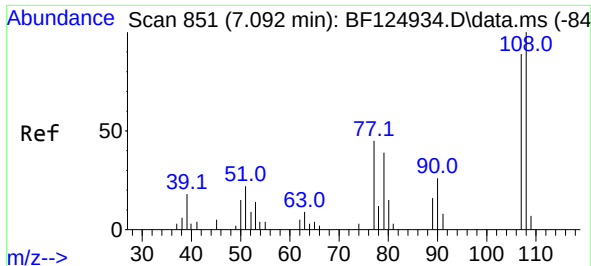
Tgt Ion: 79 Resp: 16127  
Ion Ratio Lower Upper  
79 100  
108 74.7 60.4 90.6  
77 67.2 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.427 ng  
RT: 7.104 min Scan# 853  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 45 Resp: 26835  
Ion Ratio Lower Upper  
45 100  
77 13.9 0.0 30.6  
79 7.8 0.0 27.5

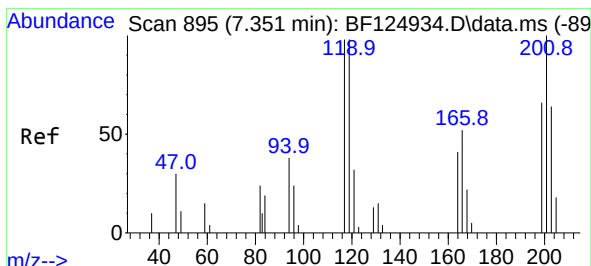
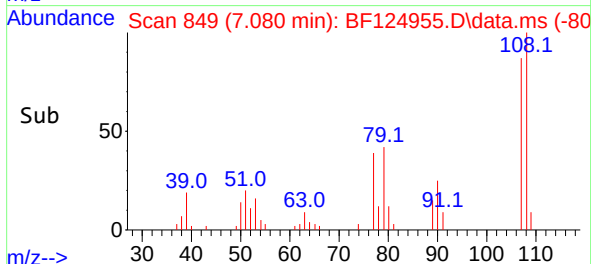
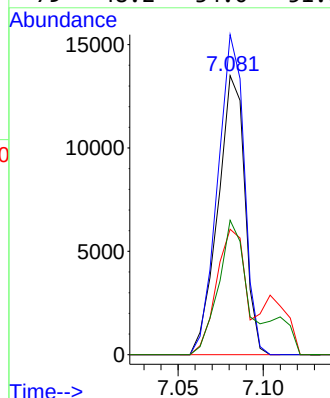
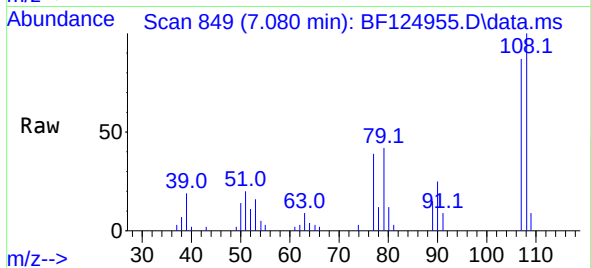




#17  
2-Methylphenol  
Concen: 39.447 ng  
RT: 7.080 min Scan# 849  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

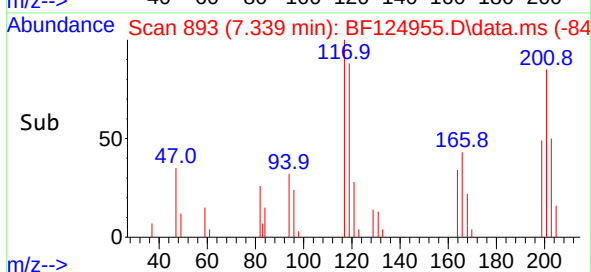
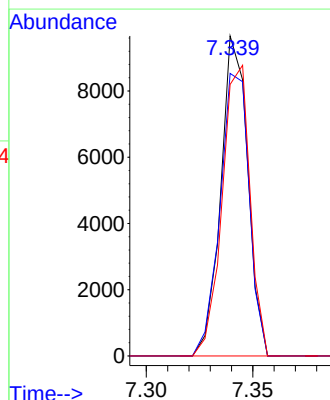
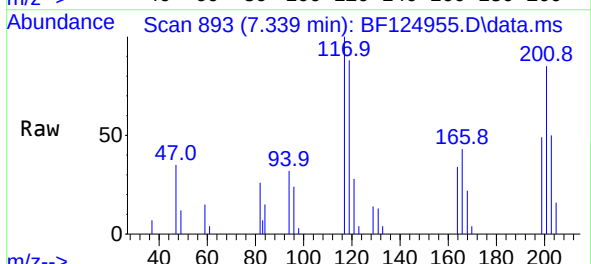
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

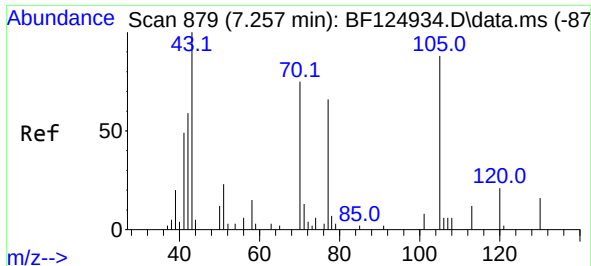
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 14851 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 114.7 | 90.6  | 135.8 |
| 77       | 45.0  | 35.7  | 53.5  |
| 79       | 48.2  | 34.0  | 51.0  |



#18  
Hexachloroethane  
Concen: 39.658 ng  
RT: 7.339 min Scan# 893  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 8497  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 88.3  | 73.4  | 110.2 |
| 201      | 84.8  | 64.9  | 97.3  |

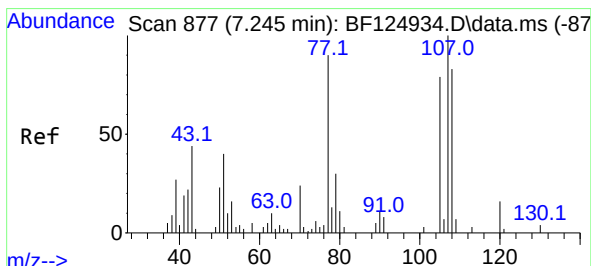
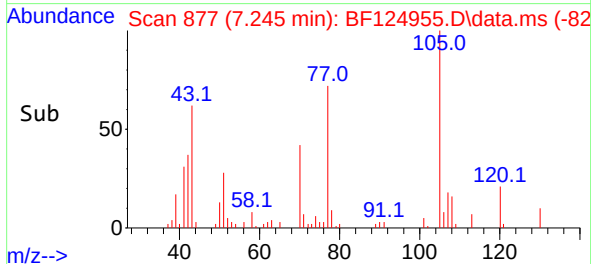
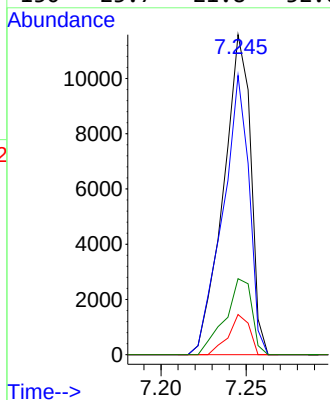
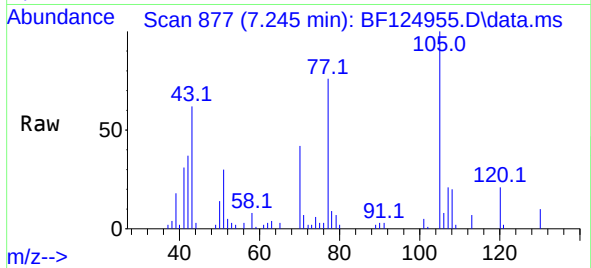




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.601 ng  
RT: 7.245 min Scan# 877  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

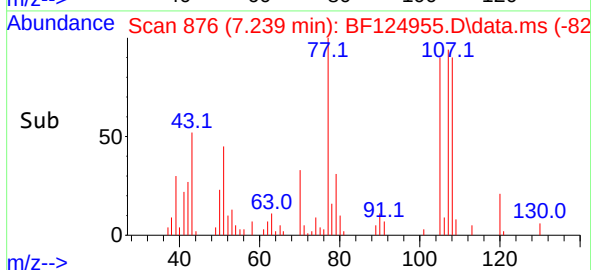
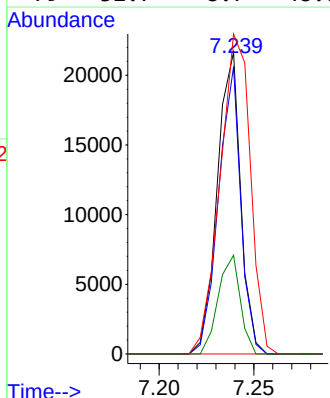
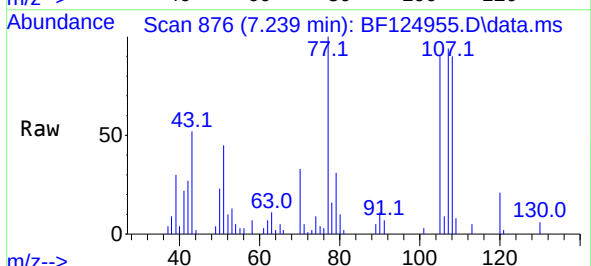
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

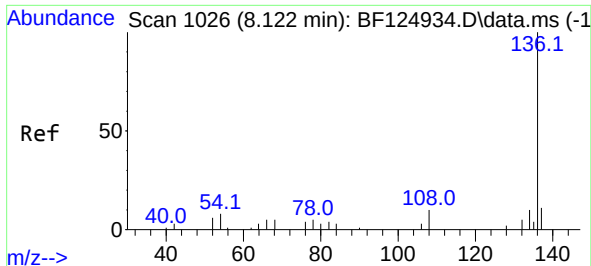
Tgt Ion: 70 Resp: 12899  
Ion Ratio Lower Upper  
70 100  
42 87.3 72.2 108.2  
101 12.6 7.8 11.8#  
130 23.7 21.8 32.6



#20  
3+4-Methylphenols  
Concen: 37.259 ng  
RT: 7.239 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 107 Resp: 18621  
Ion Ratio Lower Upper  
107 100  
108 95.2 76.6 116.6  
77 106.0 53.3 93.3#  
79 32.7 8.7 48.7



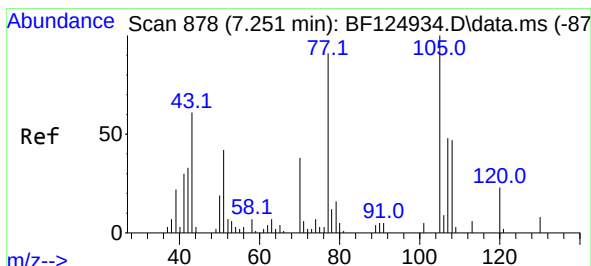
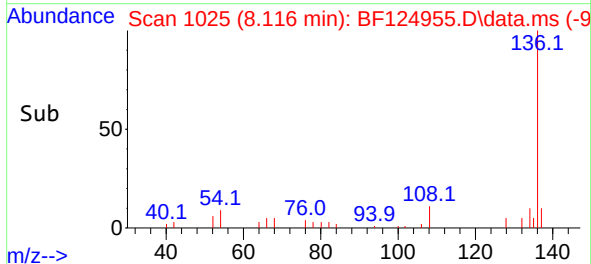
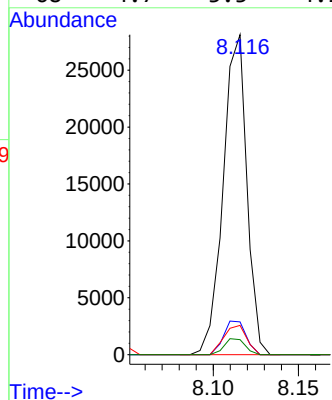
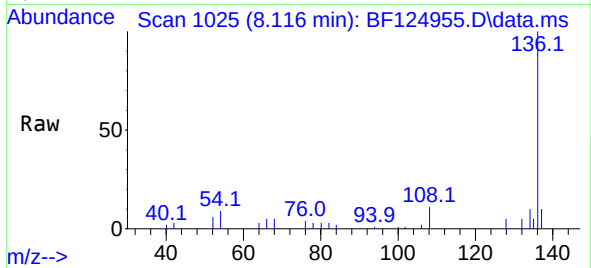


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 27160

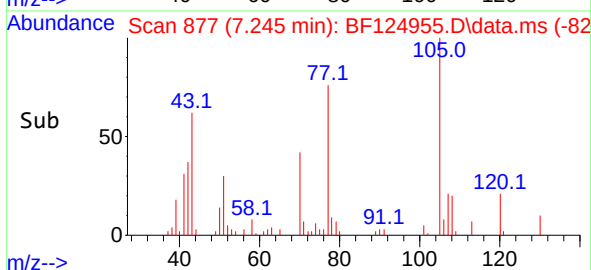
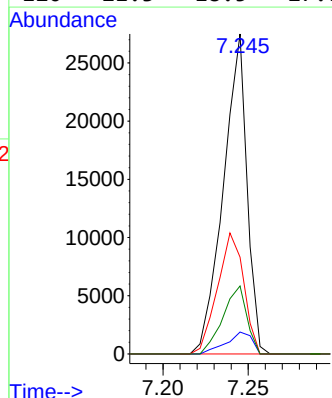
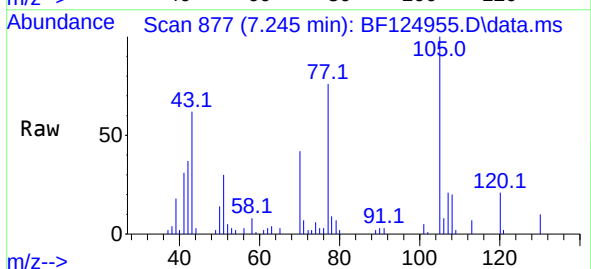
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.2  | 9.8   | 14.6  |
| 54  | 9.2   | 6.4   | 9.6   |
| 68  | 4.7   | 3.3   | 4.9   |

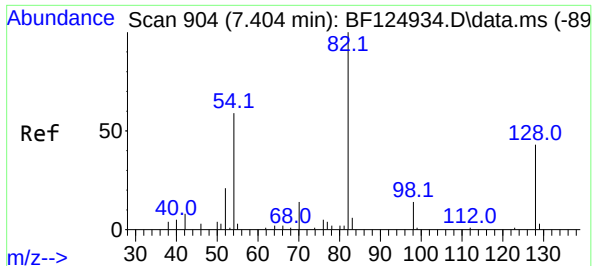


#22  
Acetophenone  
Concen: 39.829 ng  
RT: 7.245 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:105 Resp: 26493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 6.9   | 5.5   | 8.3   |
| 51  | 30.3  | 26.0  | 39.0  |
| 120 | 21.3  | 18.5  | 27.7  |





#23

Nitrobenzene-d5

Concen: 79.736 ng

RT: 7.398 min Scan# 903

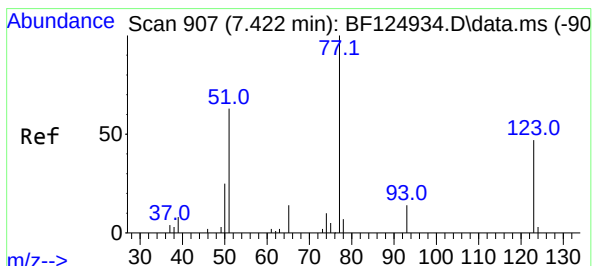
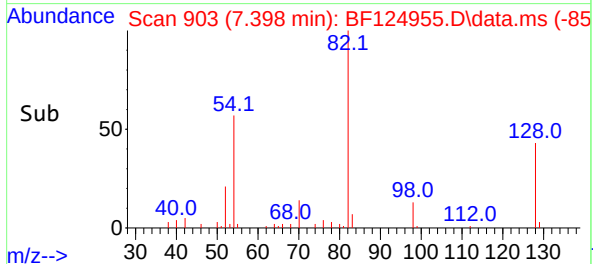
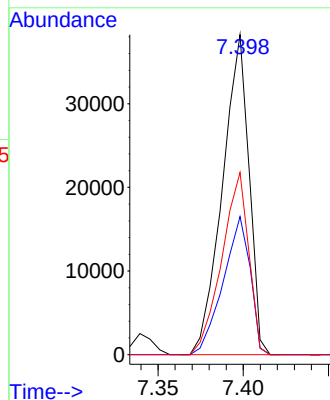
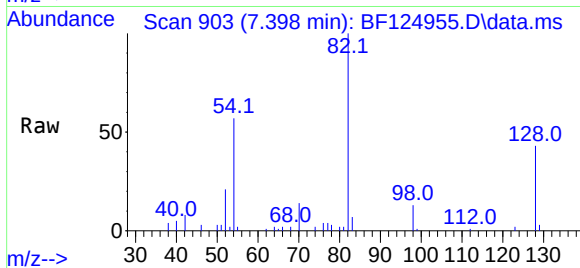
Delta R.T. -0.006 min

Lab File: BF124955.D

Acq: 6 Aug 2021 9:47

Tgt Ion: 82 Resp: 41398

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.2  | 40.6  | 60.8  |
| 54  | 56.9  | 49.6  | 74.4  |



#24

Nitrobenzene

Concen: 39.719 ng

RT: 7.416 min Scan# 906

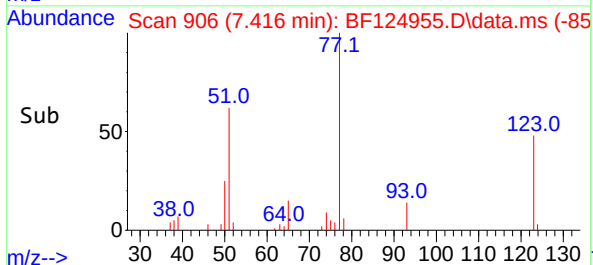
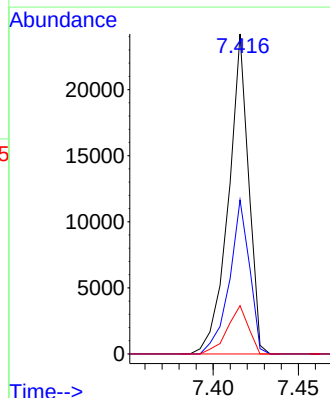
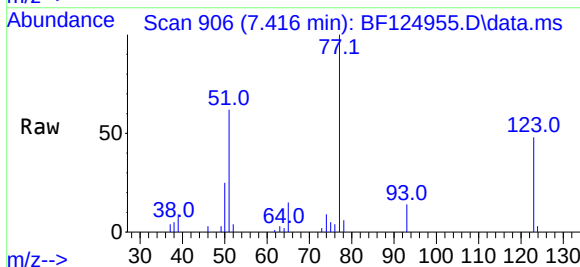
Delta R.T. -0.006 min

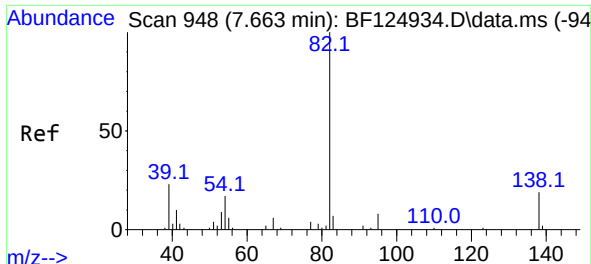
Lab File: BF124955.D

Acq: 6 Aug 2021 9:47

Tgt Ion: 77 Resp: 19954

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 48.2  | 42.3  | 63.5  |
| 65  | 15.1  | 12.4  | 18.6  |

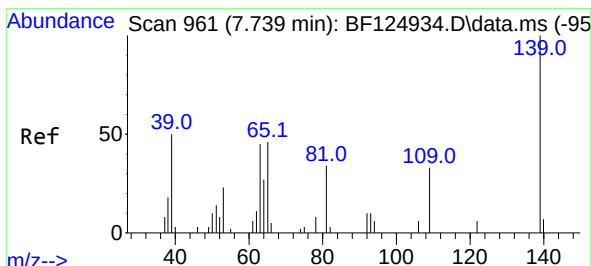
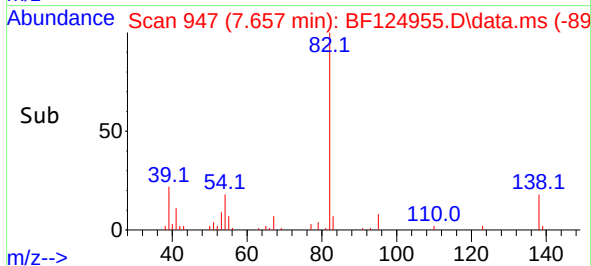
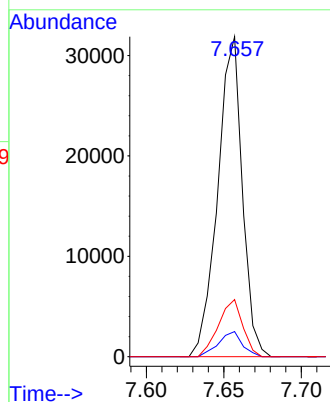
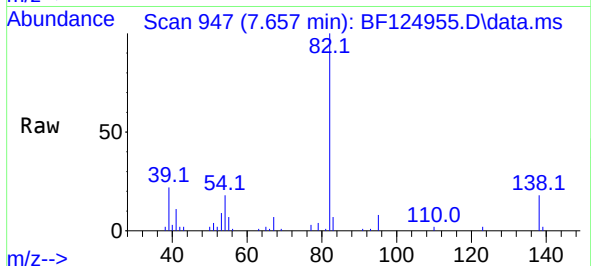




#25  
Isophorone  
Concen: 39.654 ng  
RT: 7.657 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

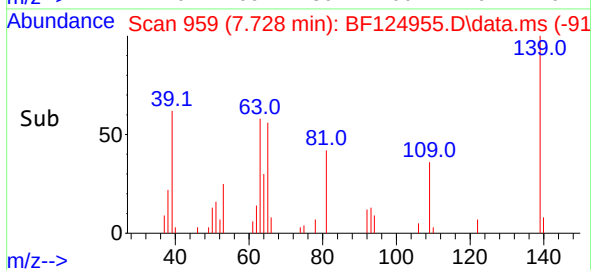
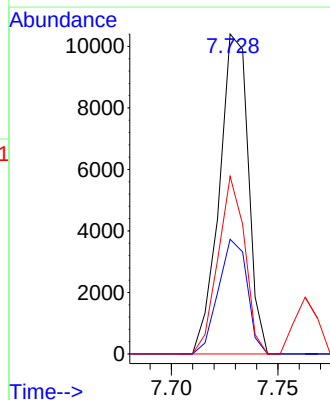
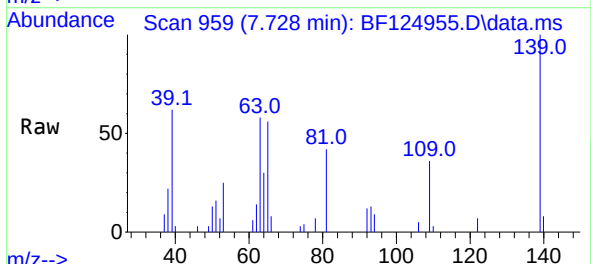
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 35138  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.5 9.7  
138 17.8 18.4 27.6#

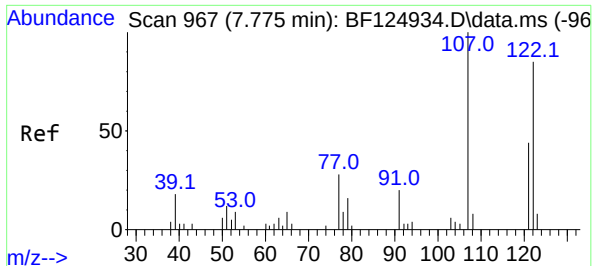


#26  
2-Nitrophenol  
Concen: 38.556 ng  
RT: 7.728 min Scan# 959  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 139 Resp: 9836  
Ion Ratio Lower Upper  
139 100  
109 35.8 26.0 39.0  
65 55.5 31.0 46.4#



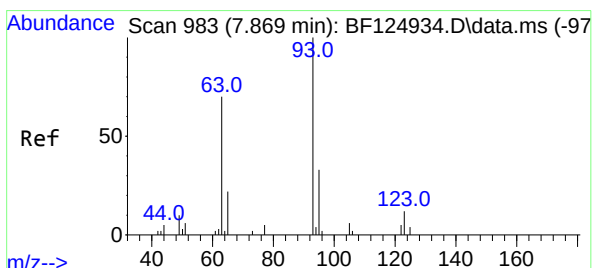
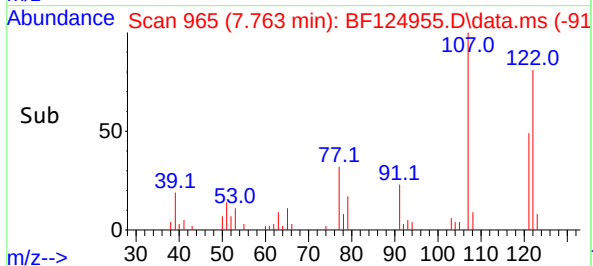
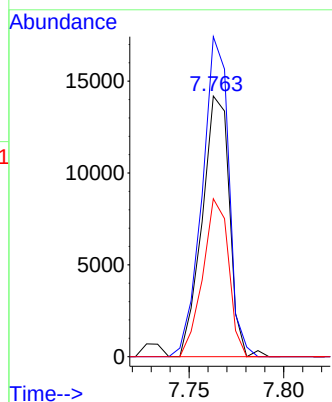
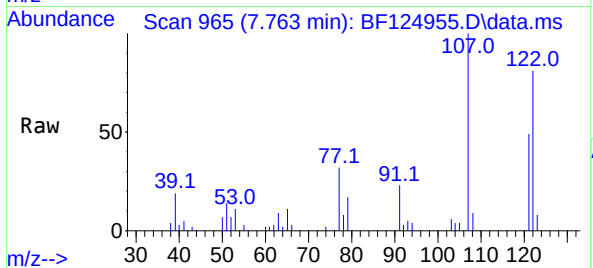




#27  
2,4-Dimethylphenol  
Concen: 39.280 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

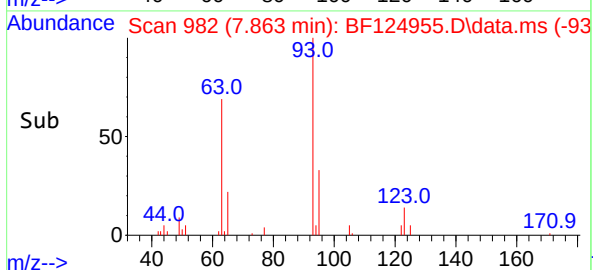
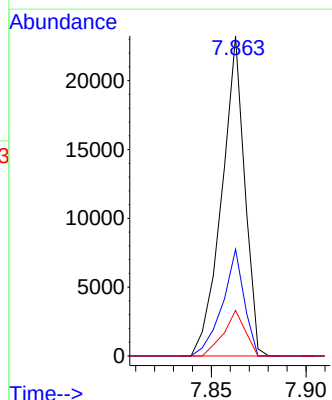
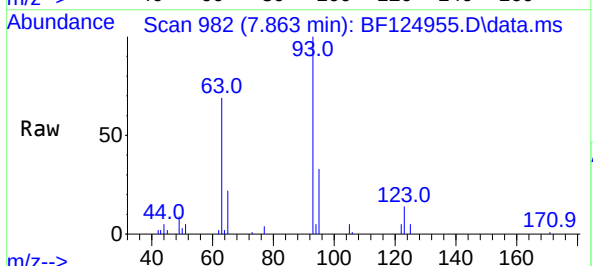
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

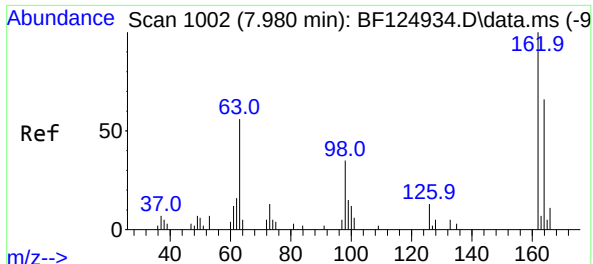
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 14205       |
| Ion         | Ratio | Lower Upper |
| 122         | 100   |             |
| 107         | 122.8 | 85.0 127.6  |
| 121         | 60.6  | 43.3 64.9   |



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.776 ng  
RT: 7.863 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 93 | Resp: | 19556       |
| Ion         | Ratio | Lower Upper |
| 93          | 100   |             |
| 95          | 33.3  | 26.1 39.1   |
| 123         | 14.3  | 11.7 17.5   |



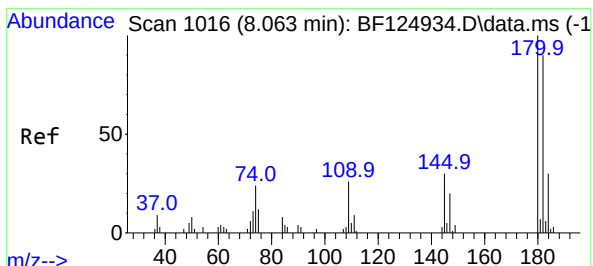
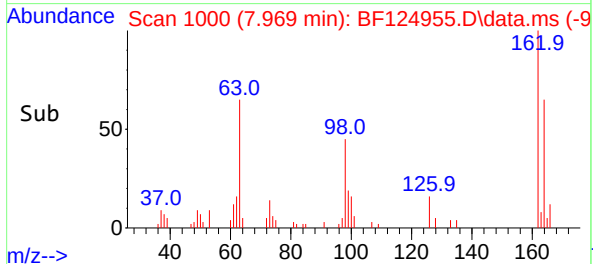
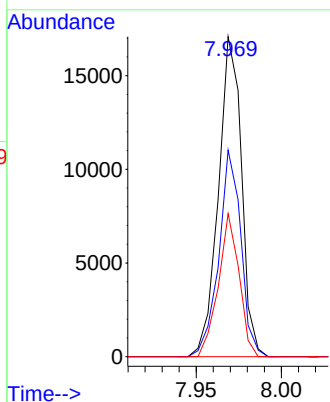
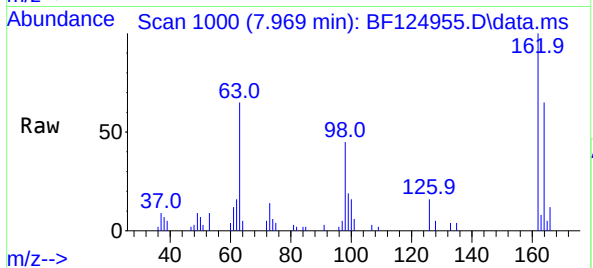


#29  
2,4-Dichlorophenol  
Concen: 39.865 ng  
RT: 7.969 min Scan# 1000  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:162 Resp: 16062

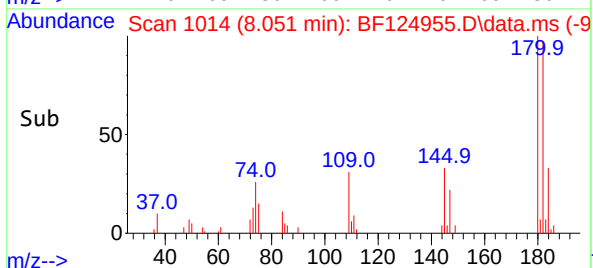
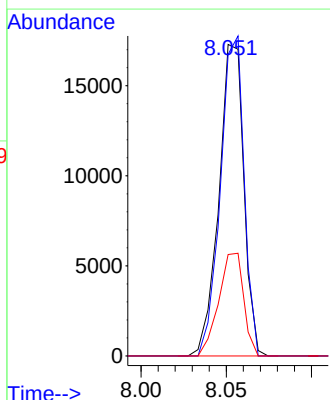
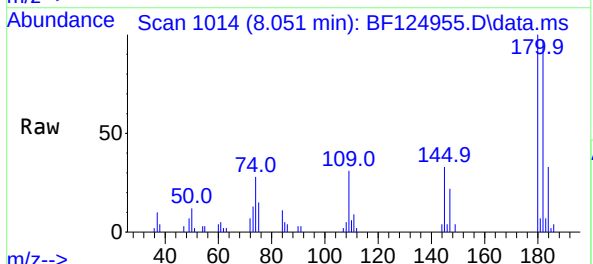
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 64.6  | 44.5  | 84.5  |
| 98  | 44.7  | 13.0  | 53.0  |

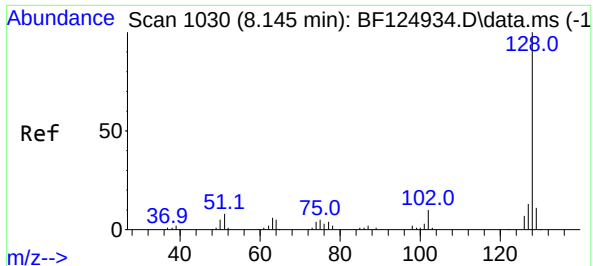


#30  
1,2,4-Trichlorobenzene  
Concen: 39.010 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:180 Resp: 17614

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.8  | 76.8  | 115.2 |
| 145 | 32.6  | 26.7  | 40.1  |



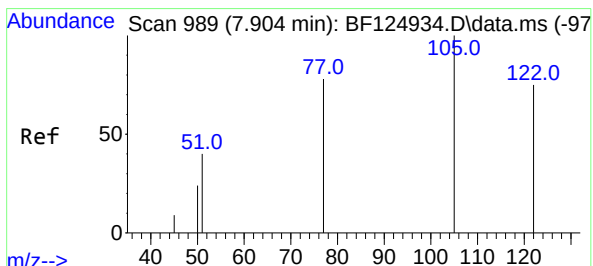
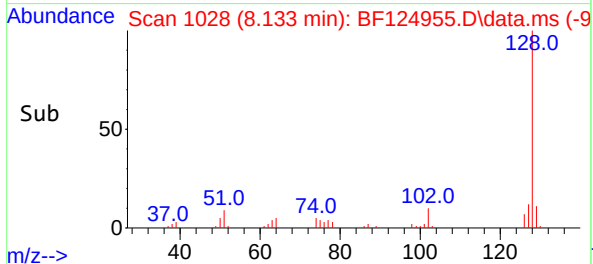
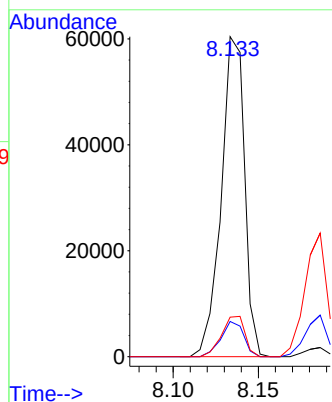
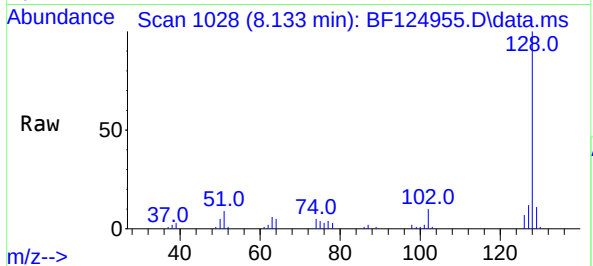


#31  
Naphthalene  
Concen: 41.296 ng  
RT: 8.133 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 57625

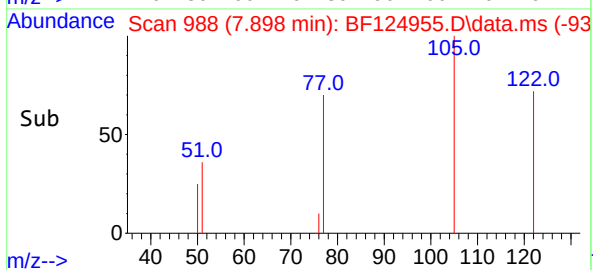
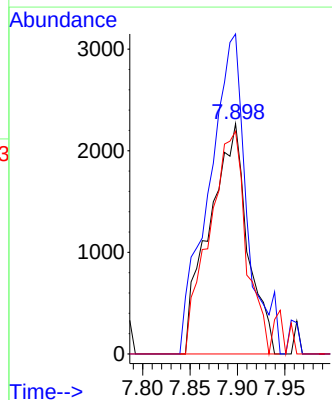
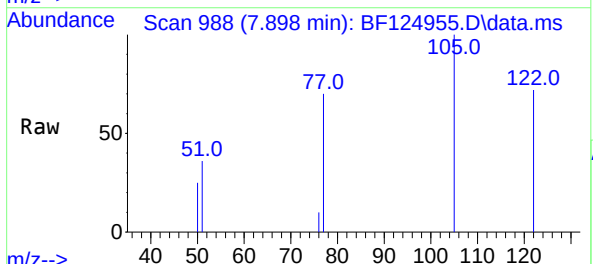
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.0  | 9.4   | 14.0  |
| 127 | 12.3  | 10.9  | 16.3  |

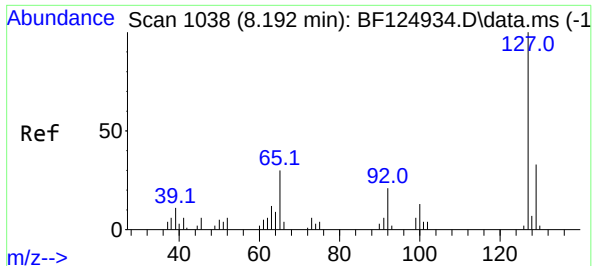


#32  
Benzoic acid  
Concen: 32.585 ng  
RT: 7.898 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:122 Resp: 6378

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 122 | 100   |       |        |
| 105 | 139.0 | 97.6  | 137.6# |
| 77  | 96.7  | 59.6  | 99.6   |

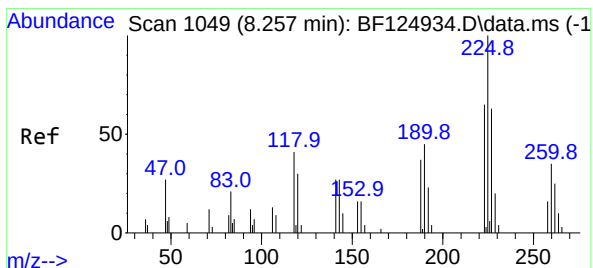
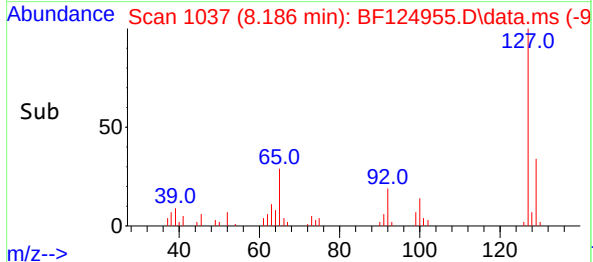
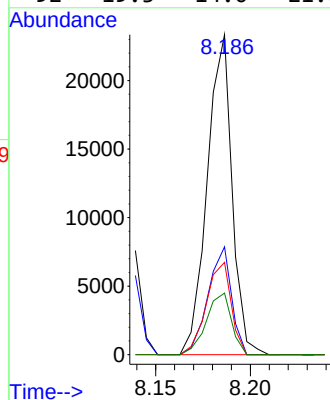
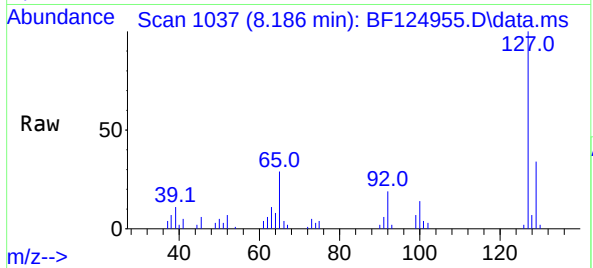




#33  
4-Chloroaniline  
Concen: 40.841 ng  
RT: 8.186 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

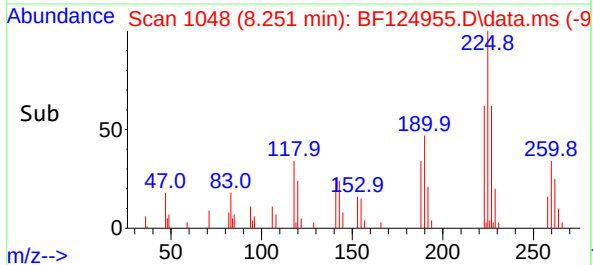
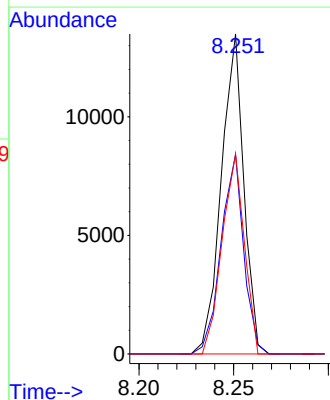
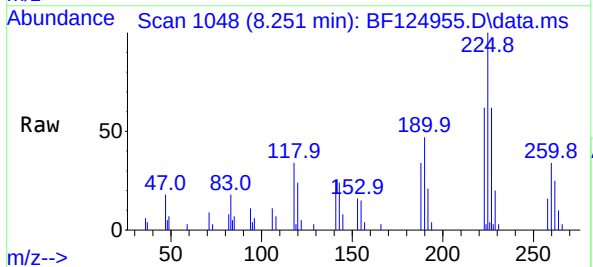
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

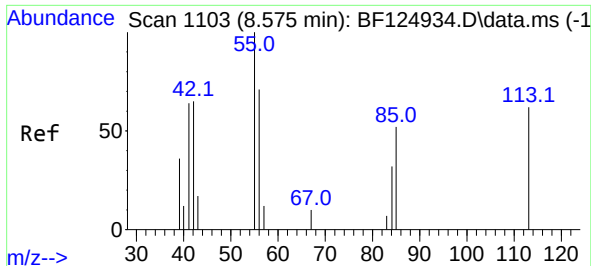
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 21238 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.7  | 25.7  | 38.5  |
| 65       | 28.9  | 21.2  | 31.8  |
| 92       | 19.3  | 14.0  | 21.0  |



#34  
Hexachlorobutadiene  
Concen: 41.329 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 11144 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.3  | 50.6  | 76.0  |
| 227      | 62.5  | 50.6  | 75.8  |

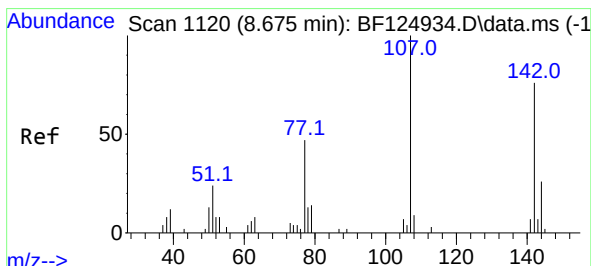
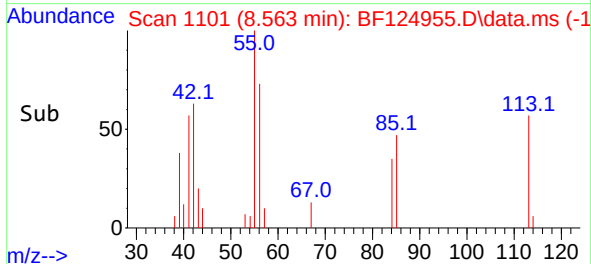
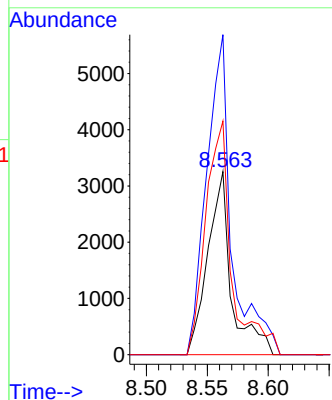
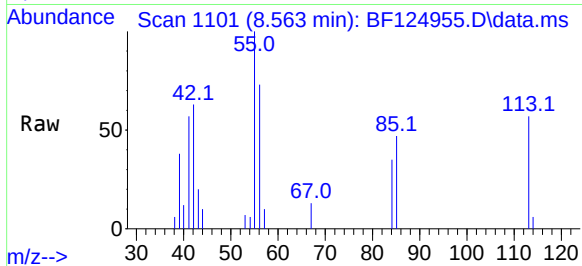




#35  
Caprolactam  
Concen: 40.937 ng  
RT: 8.563 min Scan# 1101  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

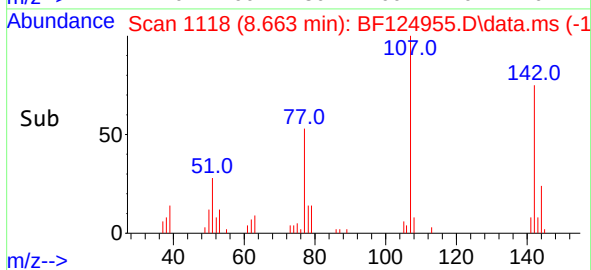
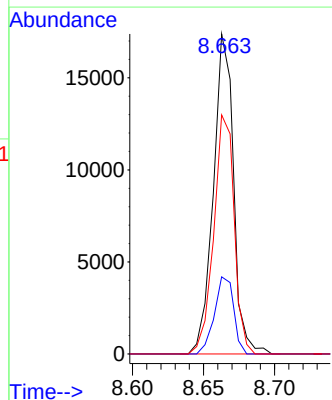
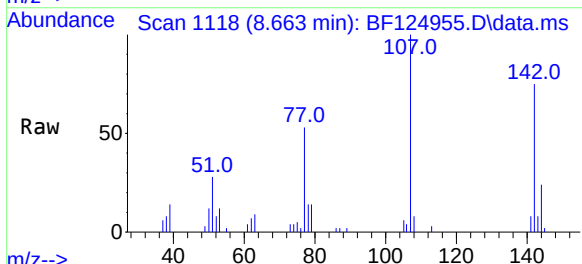
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

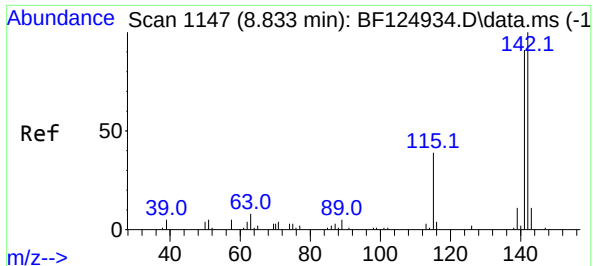
Tgt Ion:113 Resp: 4380  
Ion Ratio Lower Upper  
113 100  
55 174.9 154.1 194.1  
56 127.7 108.7 148.7



#36  
4-Chloro-3-methylphenol  
Concen: 40.658 ng  
RT: 8.663 min Scan# 1118  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:107 Resp: 17136  
Ion Ratio Lower Upper  
107 100  
144 24.1 21.9 32.9  
142 74.7 67.1 100.7

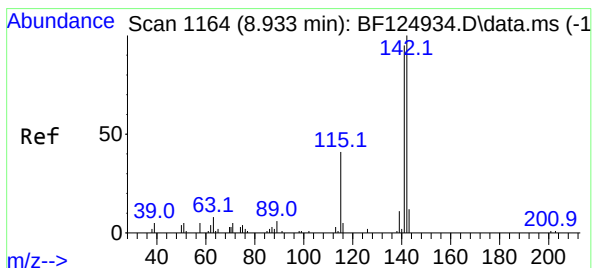
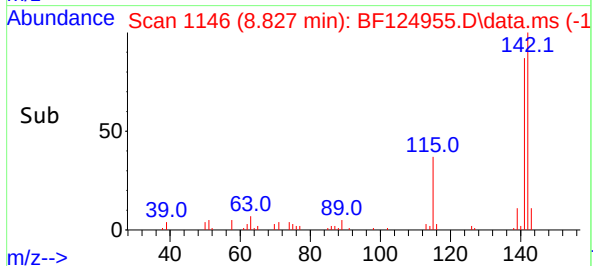
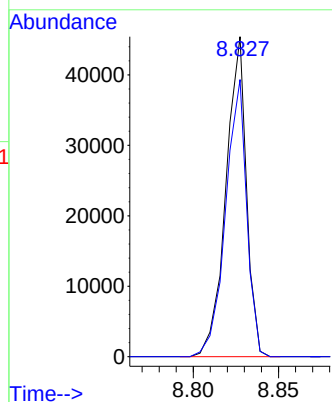
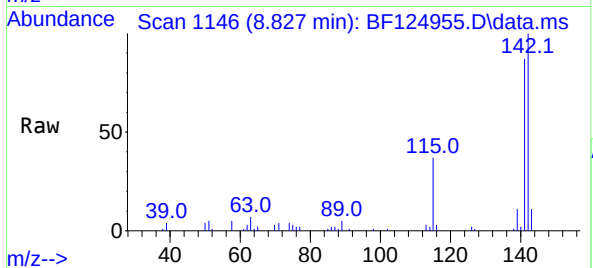




#37  
2-Methylnaphthalene  
Concen: 40.374 ng  
RT: 8.827 min Scan# 1146  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

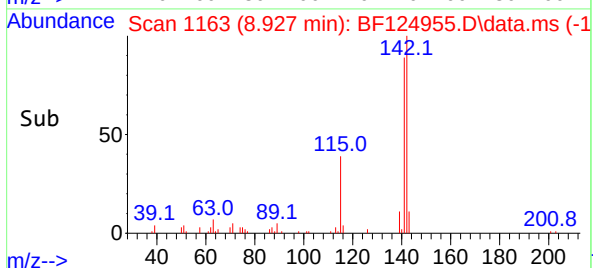
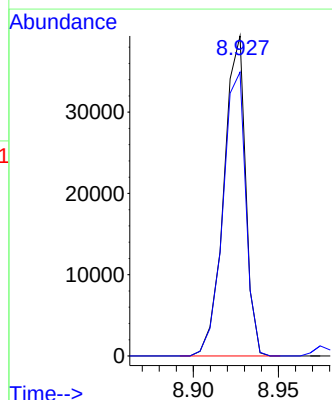
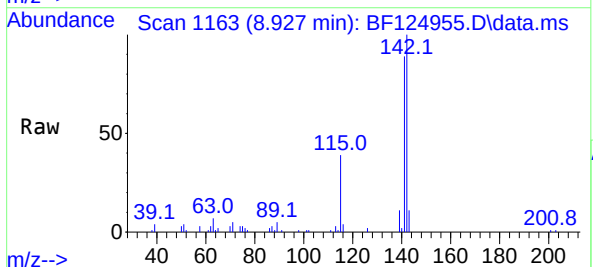
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

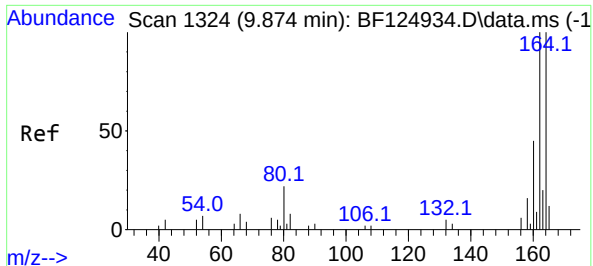
Tgt Ion:142 Resp: 37880  
Ion Ratio Lower Upper  
142 100  
141 86.6 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 39.762 ng  
RT: 8.927 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:142 Resp: 34907  
Ion Ratio Lower Upper  
142 100  
141 88.7 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF124955.D

Acq: 6 Aug 2021 9:47

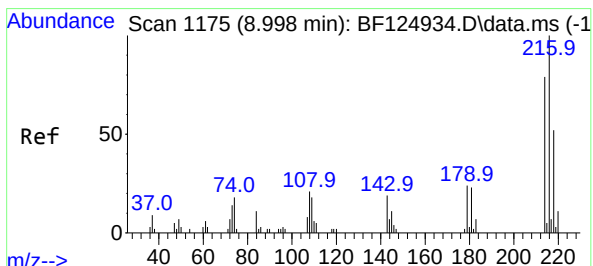
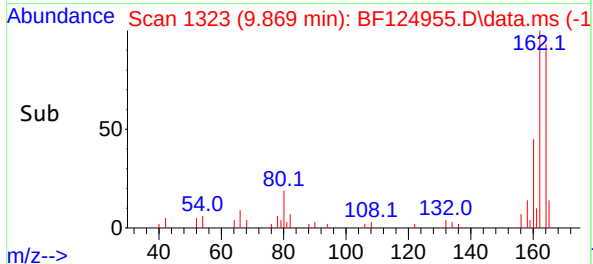
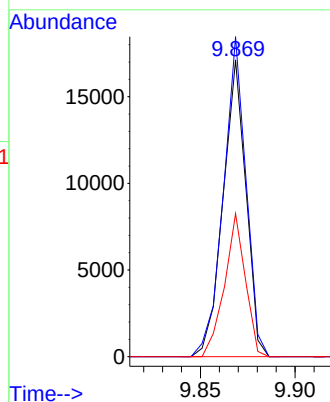
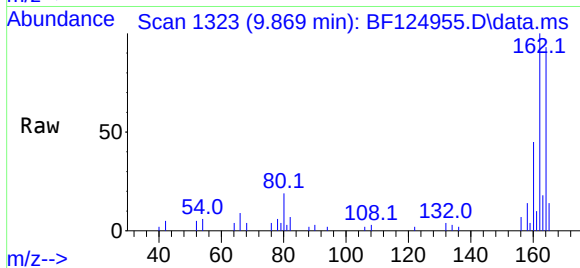
Tgt Ion:164 Resp: 14398

Ion Ratio Lower Upper

164 100

162 107.8 81.3 121.9

160 48.2 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.765 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF124955.D

Acq: 6 Aug 2021 9:47

Tgt Ion:216 Resp: 16847

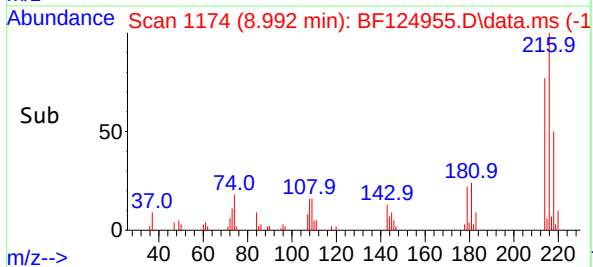
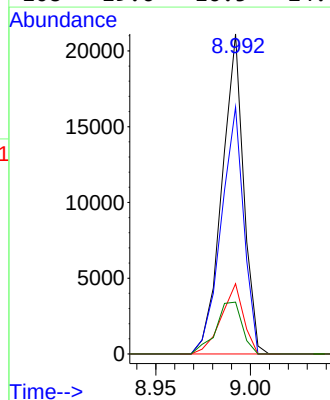
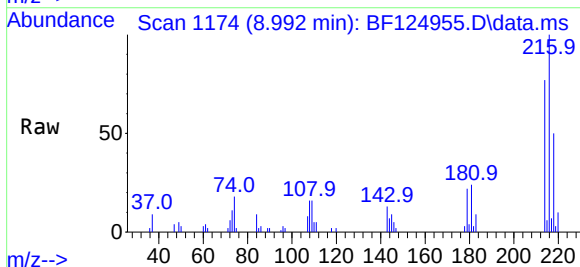
Ion Ratio Lower Upper

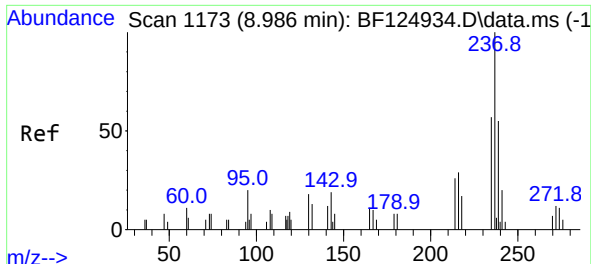
216 100

214 80.0 64.9 97.3

179 22.4 17.4 26.2

108 19.6 16.5 24.7

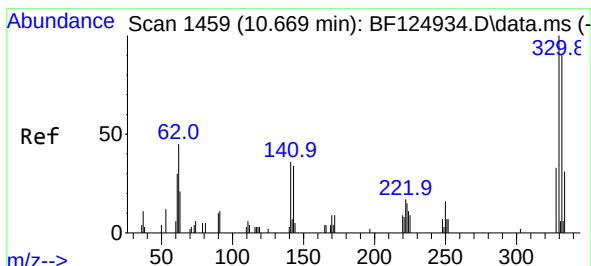
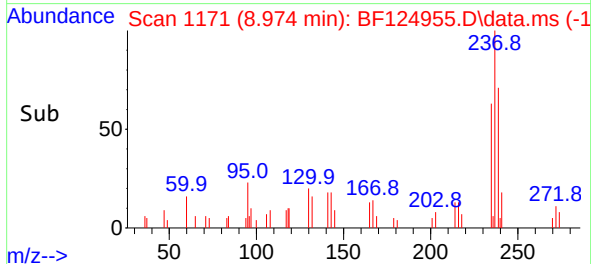
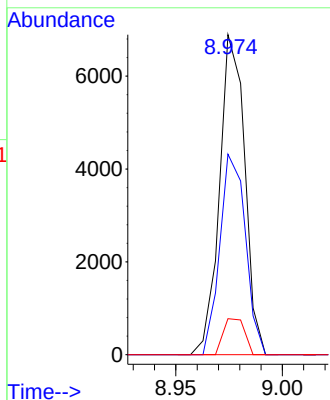
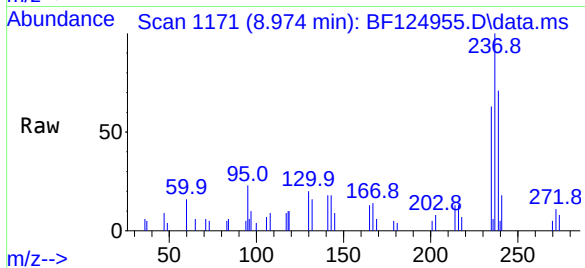




#41  
Hexachlorocyclopentadiene  
Concen: 39.015 ng  
RT: 8.974 min Scan# 1171  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

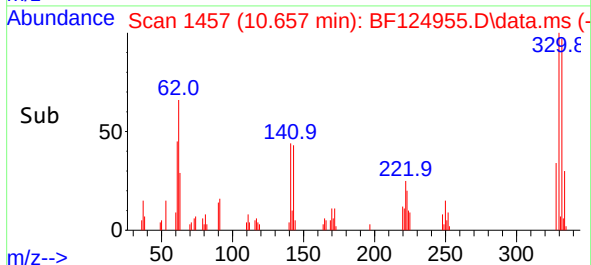
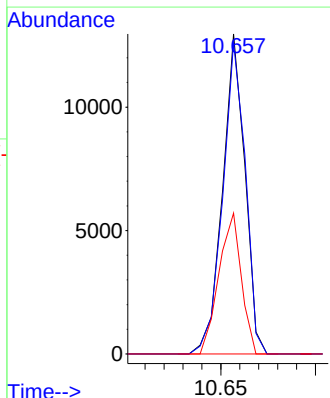
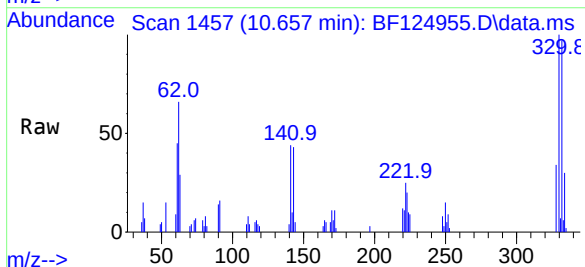
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 5670  
Ion Ratio Lower Upper  
237 100  
235 62.6 44.7 84.7  
272 11.3 0.0 31.6

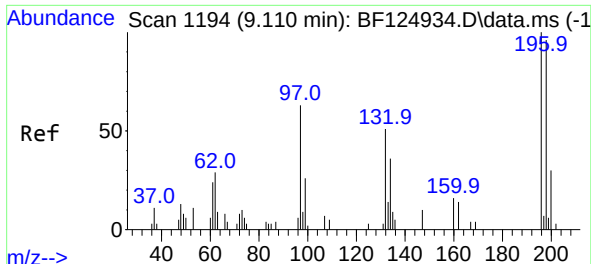


#42  
2,4,6-Tribromophenol  
Concen: 82.328 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:330 Resp: 10590  
Ion Ratio Lower Upper  
330 100  
332 98.8 76.2 114.4  
141 44.2 44.6 66.8#



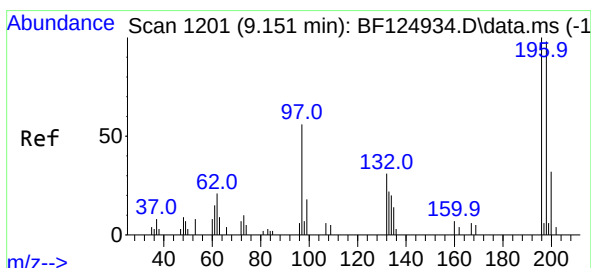
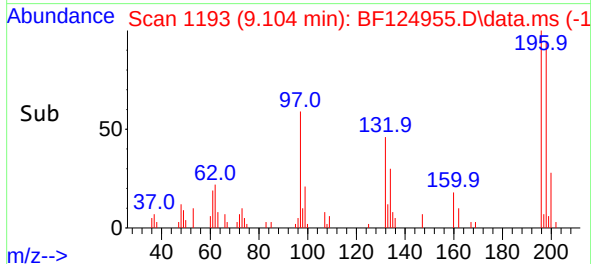
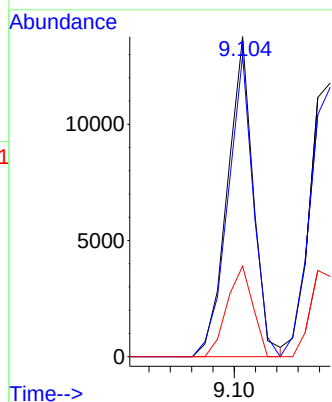
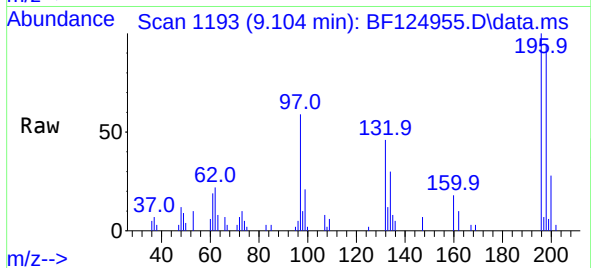




#43  
2,4,6-Trichlorophenol  
Concen: 42.219 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

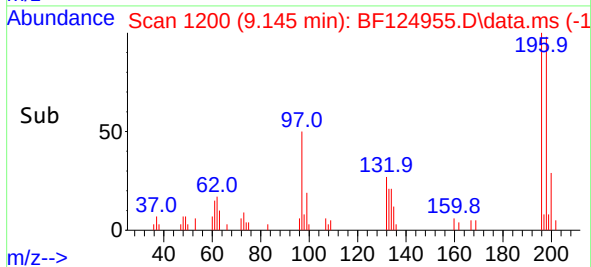
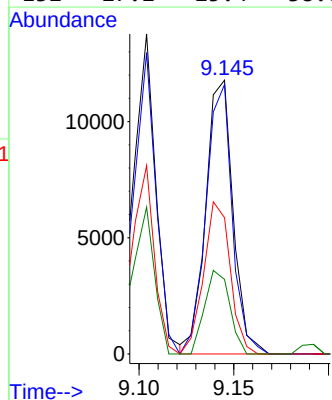
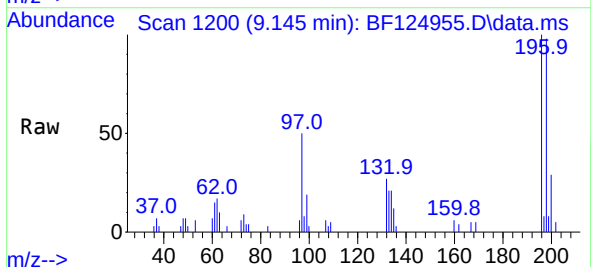
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

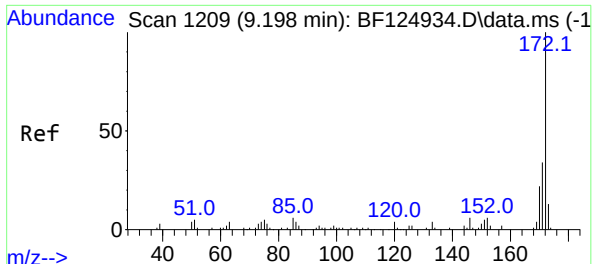
Tgt Ion:196 Resp: 11615  
Ion Ratio Lower Upper  
196 100  
198 94.2 74.9 112.3  
200 28.3 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 42.350 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:196 Resp: 11794  
Ion Ratio Lower Upper  
196 100  
198 98.4 80.2 120.2  
97 49.8 44.0 66.0  
132 27.2 25.4 38.0

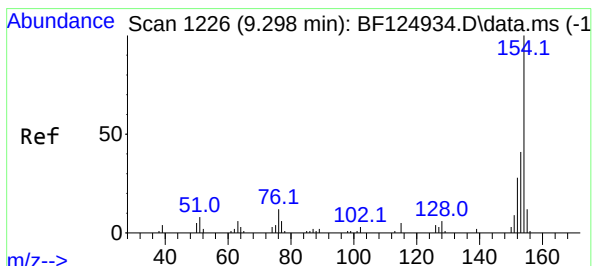
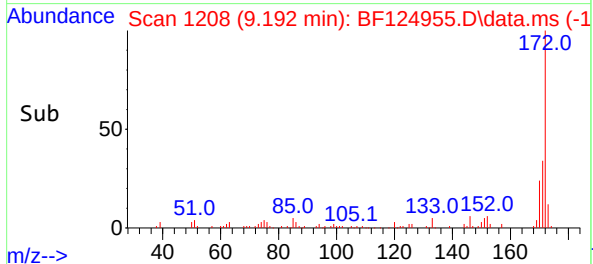
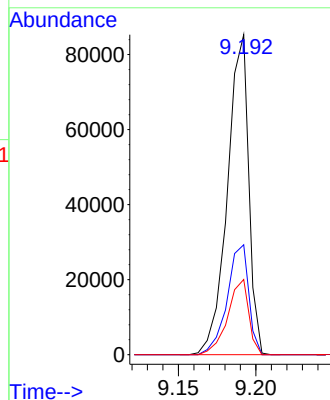
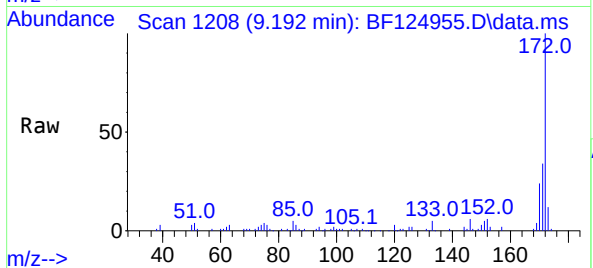




#45  
2-Fluorobiphenyl  
Concen: 82.697 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

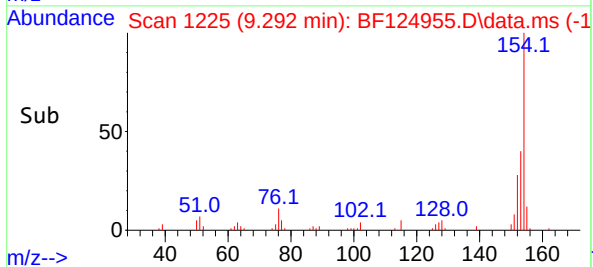
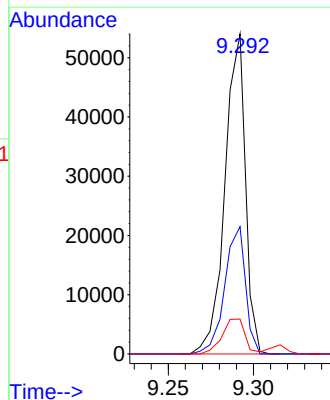
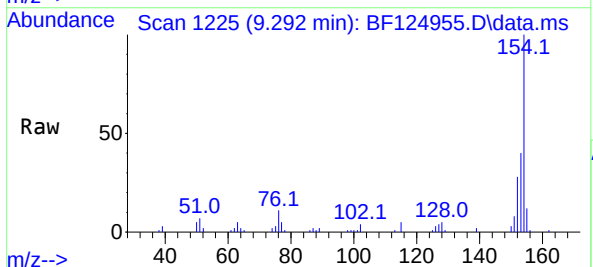
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

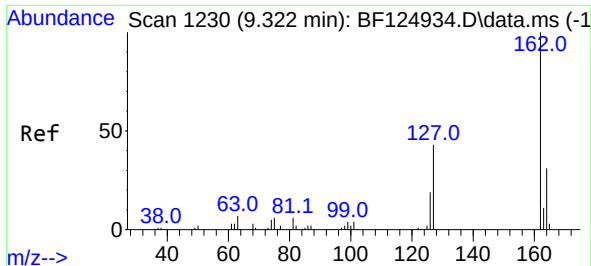
Tgt Ion:172 Resp: 81372  
Ion Ratio Lower Upper  
172 100  
171 34.4 26.5 39.7  
170 23.5 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 42.155 ng  
RT: 9.292 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:154 Resp: 45229  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.0 60.0  
76 10.9 0.0 30.3

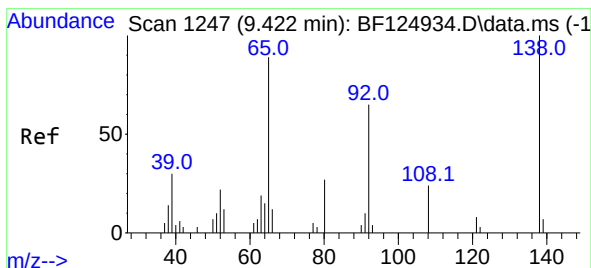
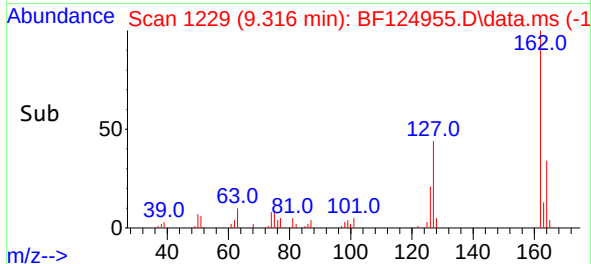
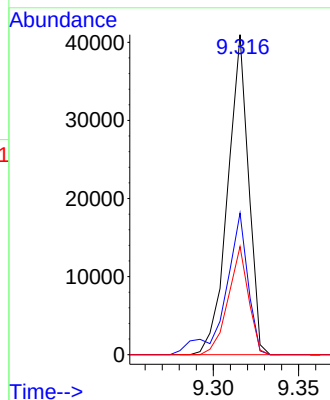
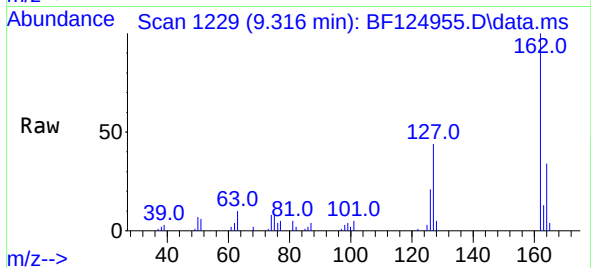




#47  
2-Chloronaphthalene  
Concen: 40.882 ng  
RT: 9.316 min Scan# 1229  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

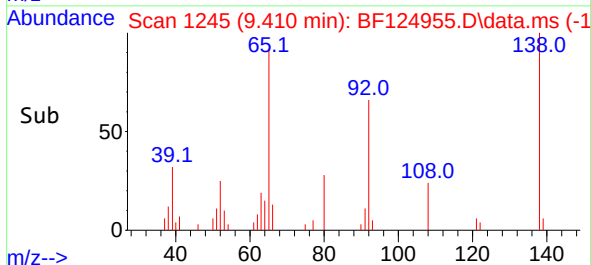
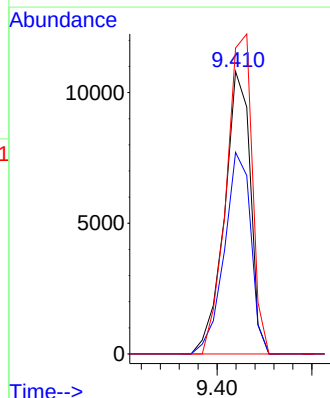
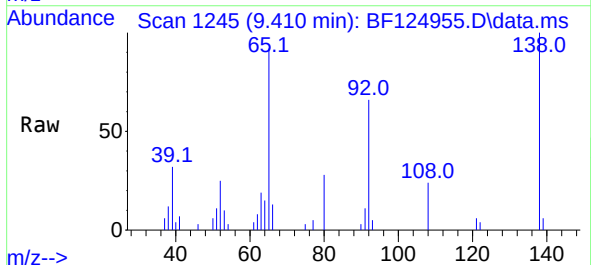
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

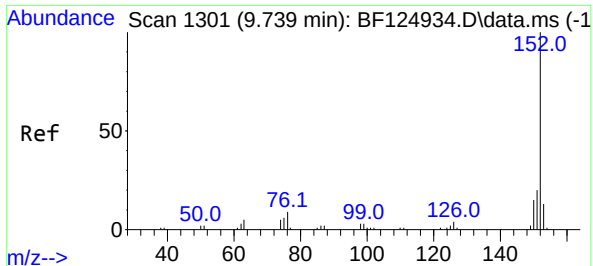
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 34897 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 44.2  | 33.0  | 49.4  |
| 164       | 33.8  | 25.8  | 38.8  |



#48  
2-Nitroaniline  
Concen: 40.838 ng  
RT: 9.410 min Scan# 1245  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 10240 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 71.3  | 55.5  | 83.3  |
| 138       | 108.3 | 93.5  | 140.3 |





#49

Acenaphthylene

Concen: 41.971 ng

RT: 9.733 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF124955.D

Acq: 6 Aug 2021 9:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

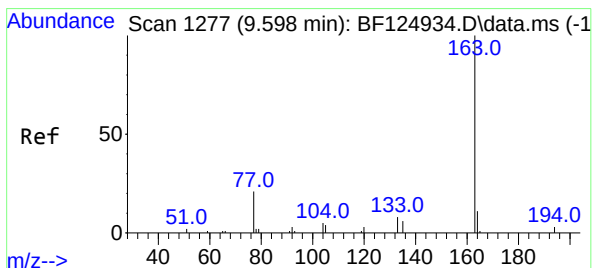
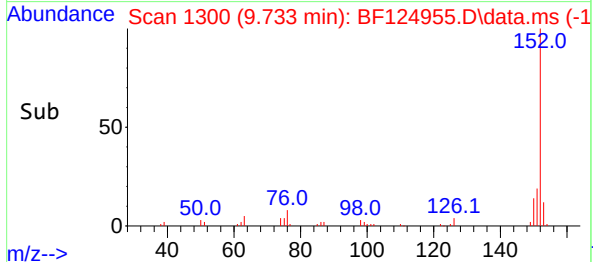
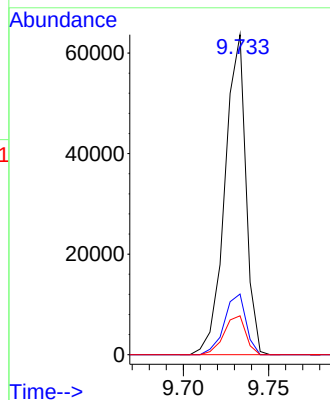
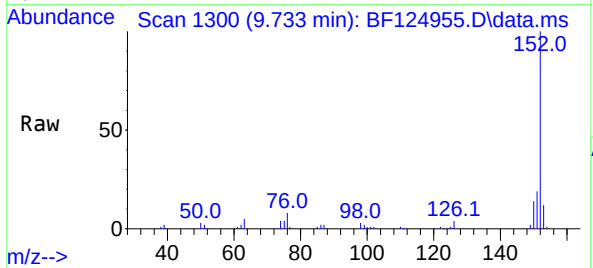
Tgt Ion:152 Resp: 54421

Ion Ratio Lower Upper

152 100

151 19.0 15.7 23.5

153 12.1 9.8 14.8



#50

Dimethylphthalate

Concen: 42.123 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF124955.D

Acq: 6 Aug 2021 9:47

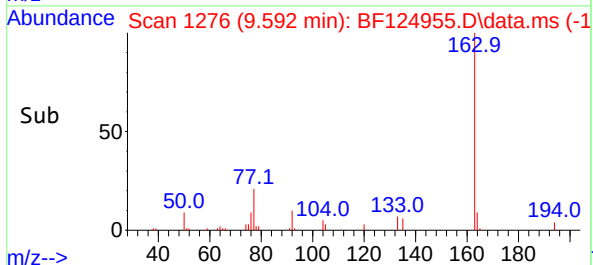
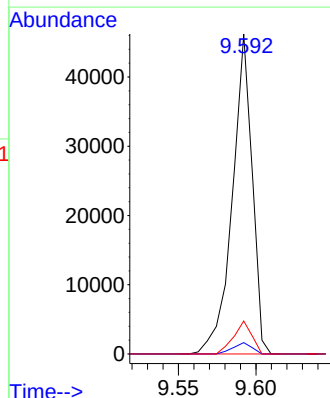
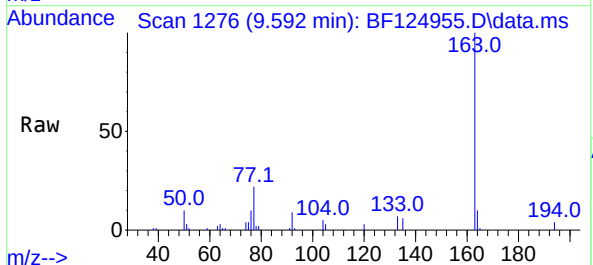
Tgt Ion:163 Resp: 41099

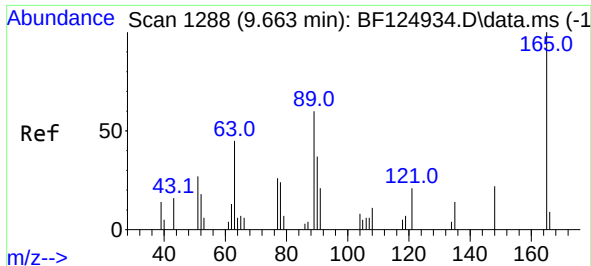
Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

164 10.3 7.4 11.0

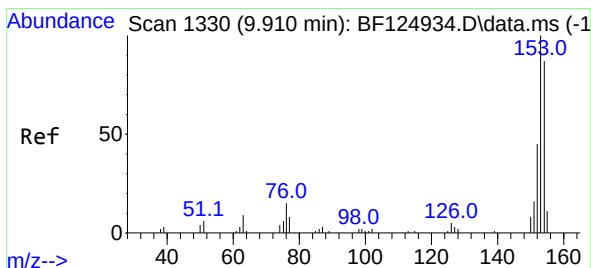
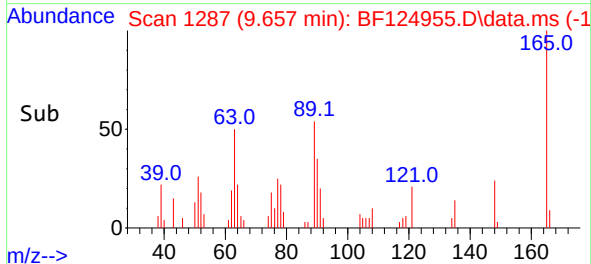
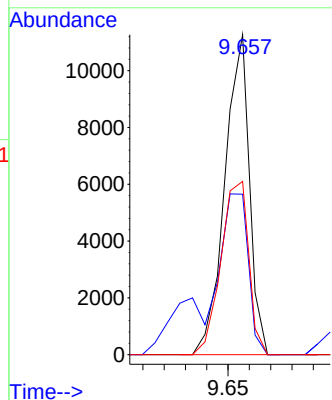
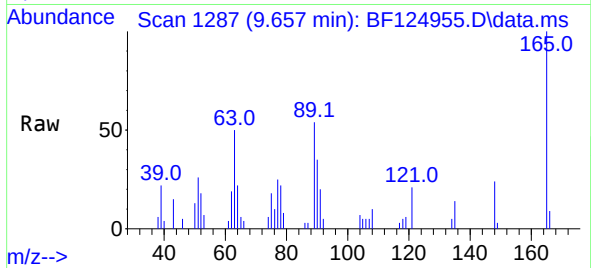




#51  
2,6-Dinitrotoluene  
Concen: 41.599 ng  
RT: 9.657 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

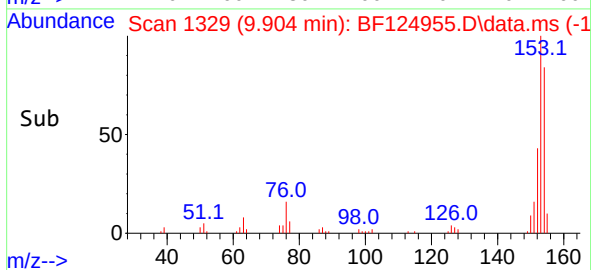
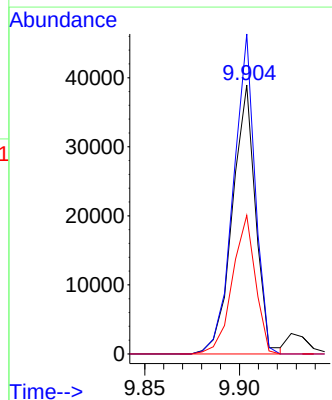
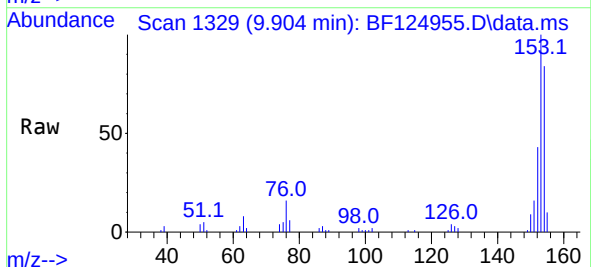
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

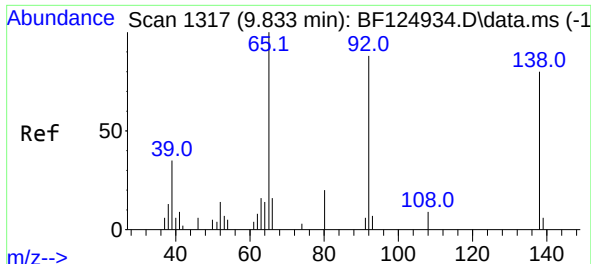
Tgt Ion:165 Resp: 9038  
Ion Ratio Lower Upper  
165 100  
63 50.2 42.6 63.8  
89 54.2 40.6 60.8



#52  
Acenaphthene  
Concen: 42.084 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:154 Resp: 33081  
Ion Ratio Lower Upper  
154 100  
153 119.0 89.4 134.2  
152 51.5 40.5 60.7

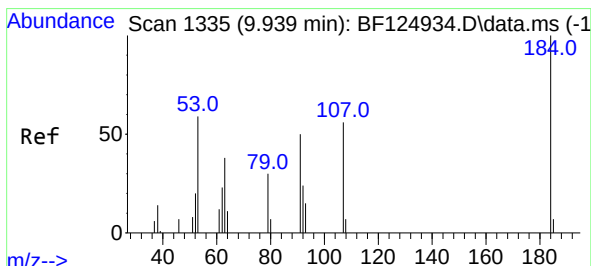
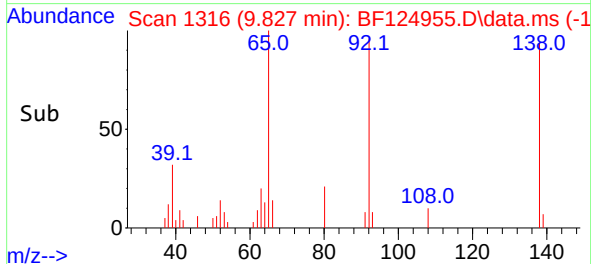
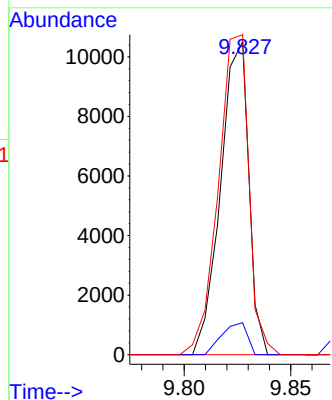
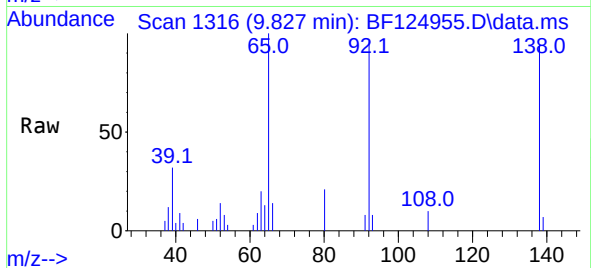




#53  
3-Nitroaniline  
Concen: 42.266 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

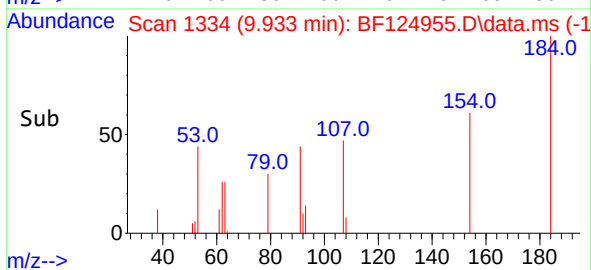
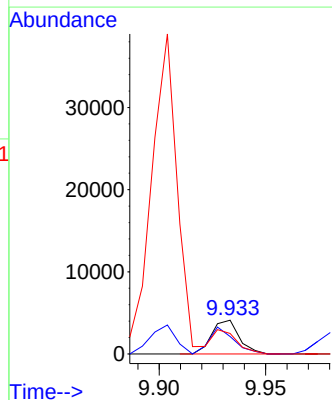
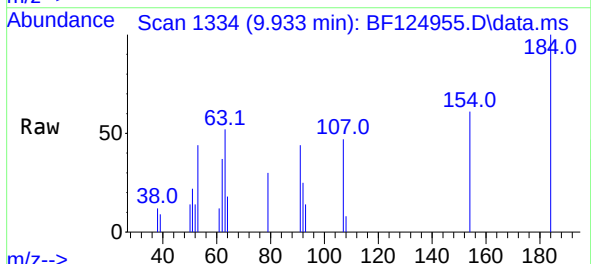
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BNA\_F  
ClientSampleId :  
SSTDCCC040

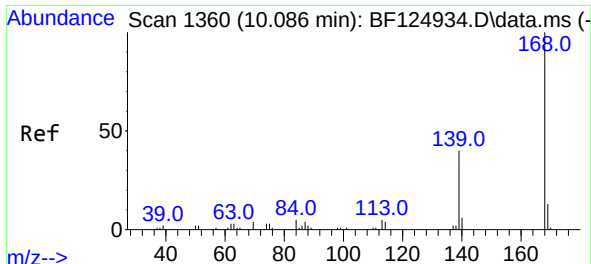
Tgt Ion:138 Resp: 9672  
Ion Ratio Lower Upper  
138 100  
108 10.2 9.3 13.9  
92 102.3 76.5 114.7



#54  
2,4-Dinitrophenol  
Concen: 36.479 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:184 Resp: 3670  
Ion Ratio Lower Upper  
184 100  
63 52.0 59.3 88.9#  
154 60.6 68.6 102.8#

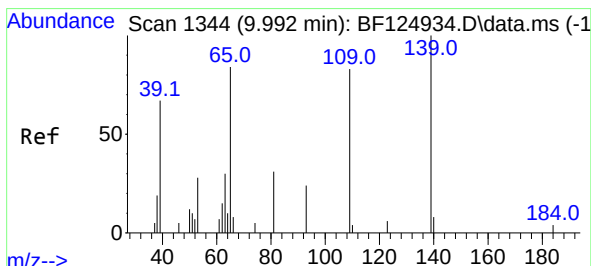
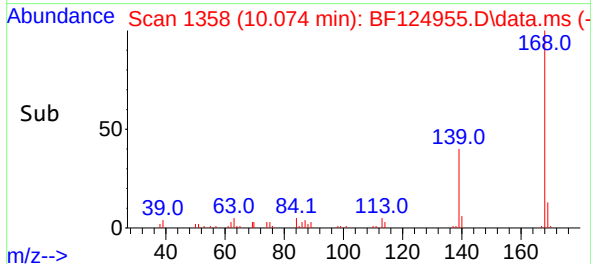
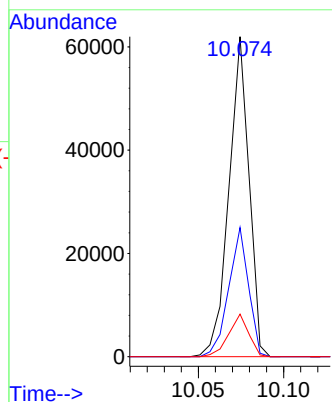
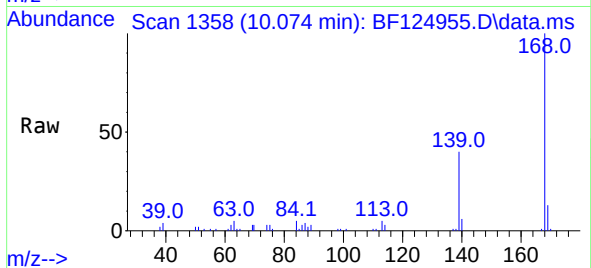




#55  
Dibenzenofuran  
Concen: 41.287 ng  
RT: 10.074 min Scan# 1358  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

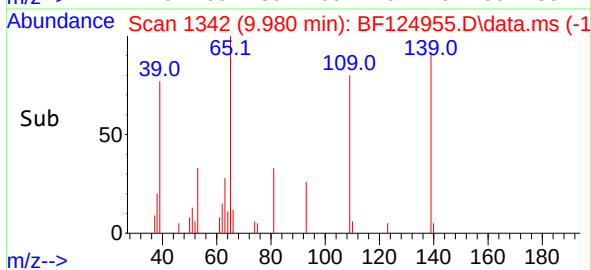
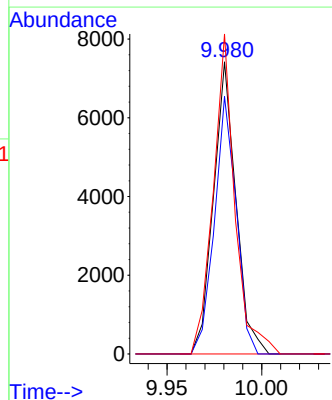
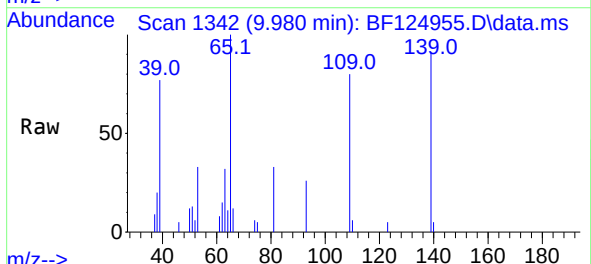
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

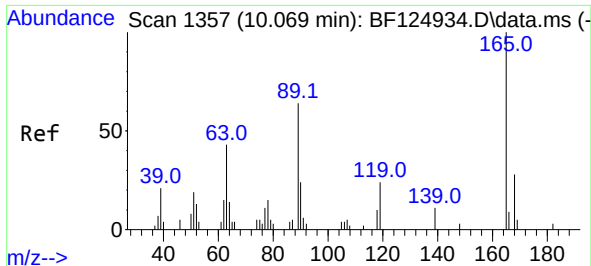
Tgt Ion:168 Resp: 50720  
Ion Ratio Lower Upper  
168 100  
139 40.4 32.7 49.1  
169 13.3 11.2 16.8



#56  
4-Nitrophenol  
Concen: 40.711 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

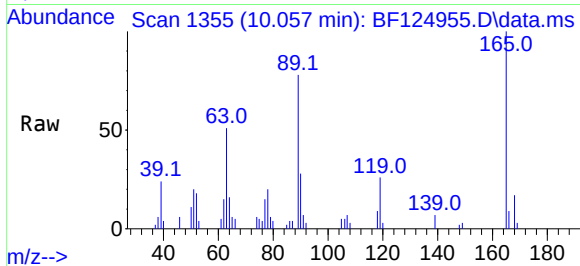
Tgt Ion:139 Resp: 6141  
Ion Ratio Lower Upper  
139 100  
109 88.1 60.4 100.4  
65 109.5 58.4 98.4#





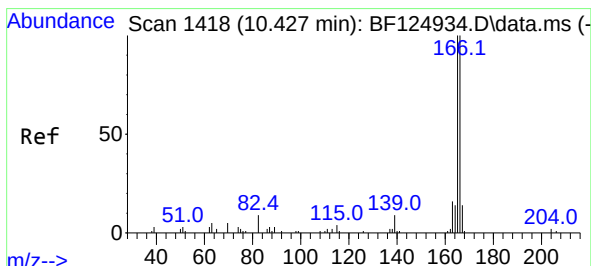
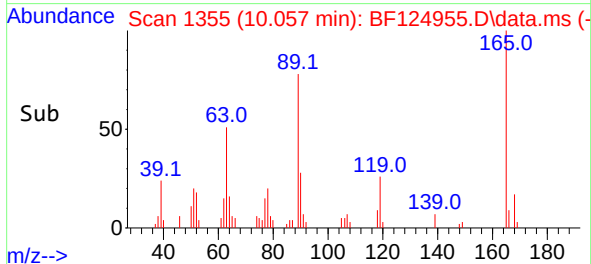
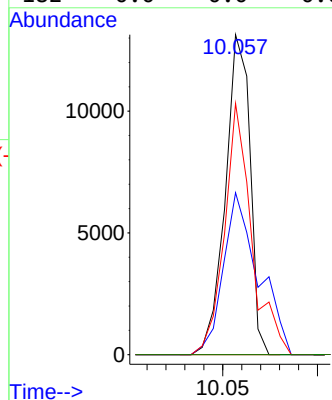
#57  
2,4-Dinitrotoluene  
Concen: 40.346 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

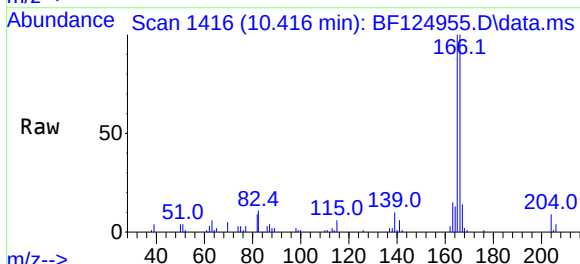


Tgt Ion:165 Resp: 11901

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 50.6  | 40.9  | 61.3  |
| 89  | 78.5  | 59.7  | 89.5  |
| 182 | 0.0   | 0.0   | 0.0   |

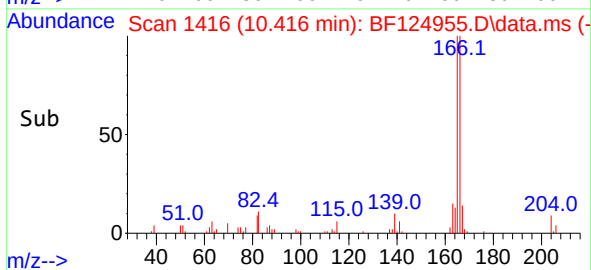
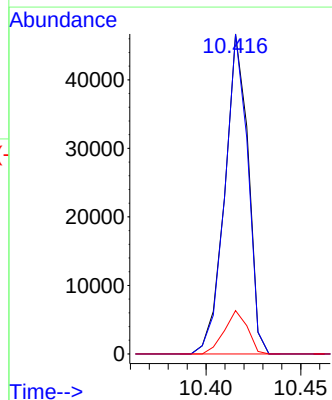


#58  
Fluorene  
Concen: 42.459 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

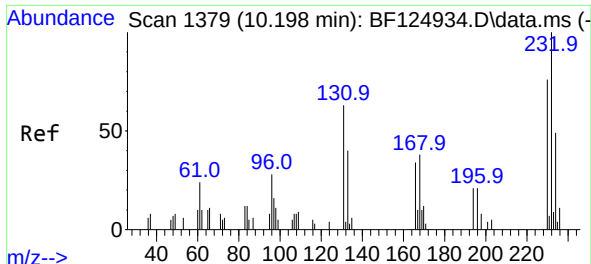


Tgt Ion:166 Resp: 39995

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 99.9  | 78.1  | 117.1 |
| 167 | 13.6  | 11.1  | 16.7  |





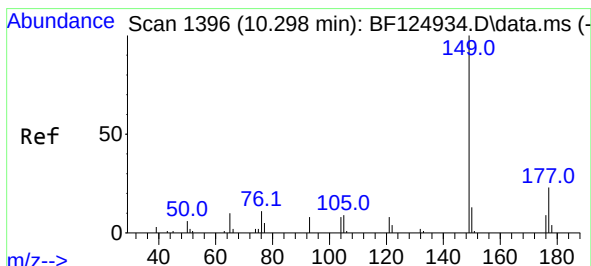
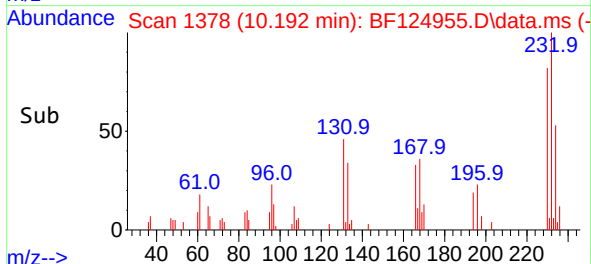
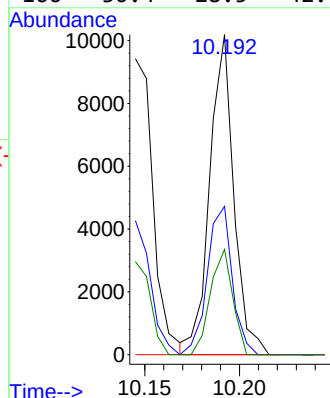
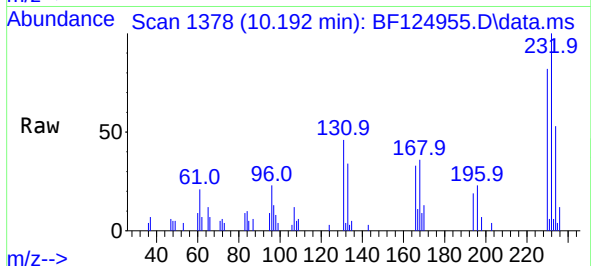


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.187 ng  
RT: 10.192 min Scan# 1378  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:232 Resp: 9024

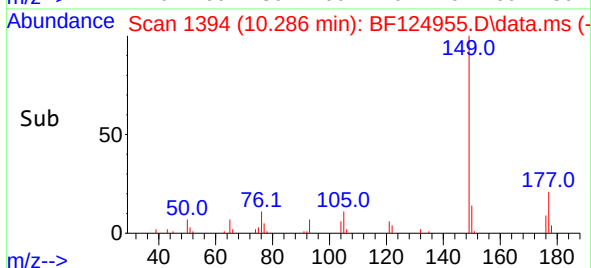
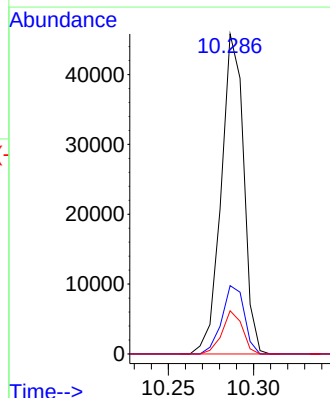
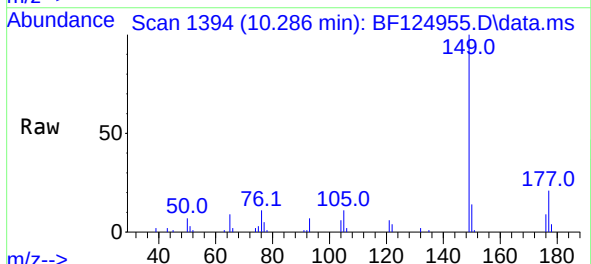
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 48.0  | 45.4  | 68.0  |
| 130 | 0.0   | 0.0   | 0.0   |
| 166 | 30.4  | 28.5  | 42.7  |

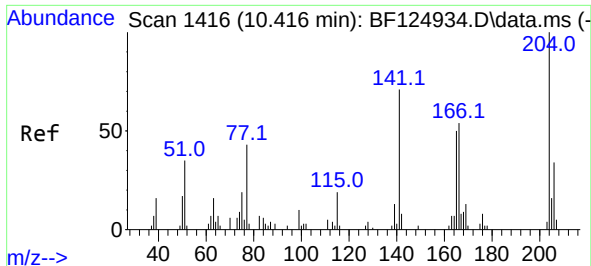


#60  
Diethylphthalate  
Concen: 41.927 ng  
RT: 10.286 min Scan# 1394  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:149 Resp: 41981

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.4  | 16.5  | 24.7  |
| 150 | 13.5  | 10.1  | 15.1  |

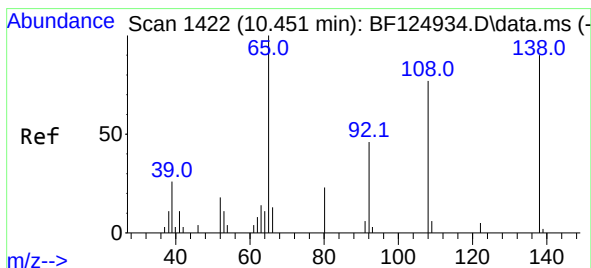
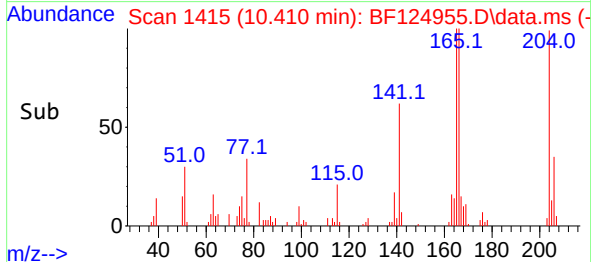
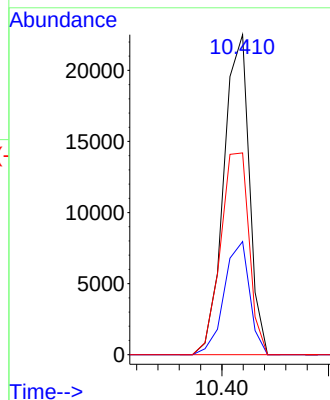
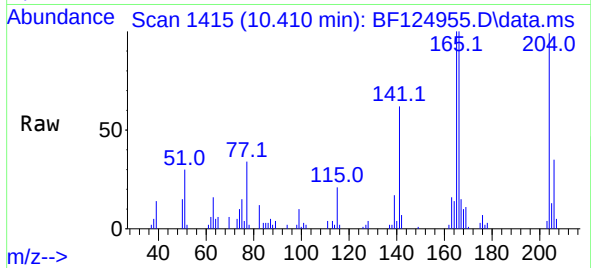




#61  
4-Chlorophenyl-phenylether  
Concen: 42.048 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

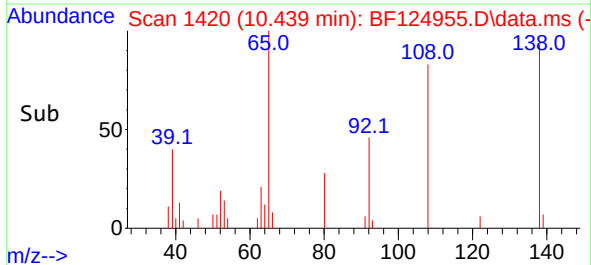
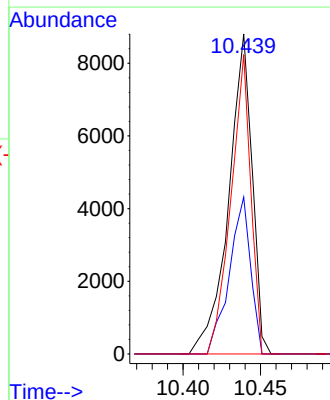
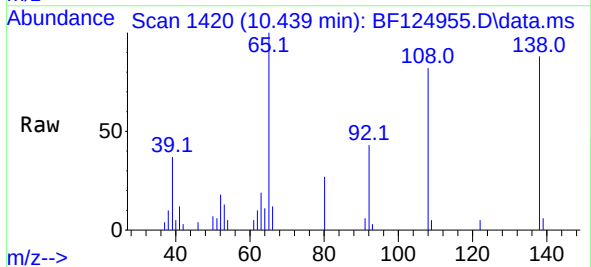
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

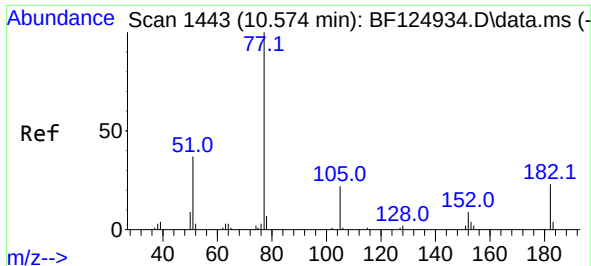
Tgt Ion:204 Resp: 18704  
Ion Ratio Lower Upper  
204 100  
206 35.4 27.6 41.4  
141 63.0 58.6 88.0



#62  
4-Nitroaniline  
Concen: 41.774 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:138 Resp: 9281  
Ion Ratio Lower Upper  
138 100  
92 49.0 29.6 69.6  
108 93.5 78.1 118.1



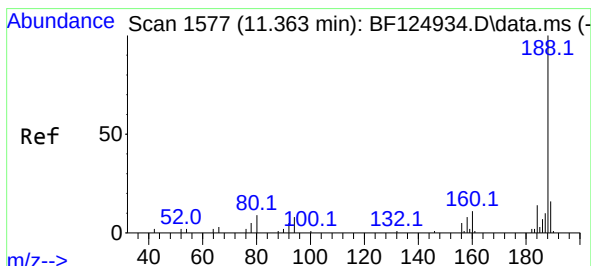
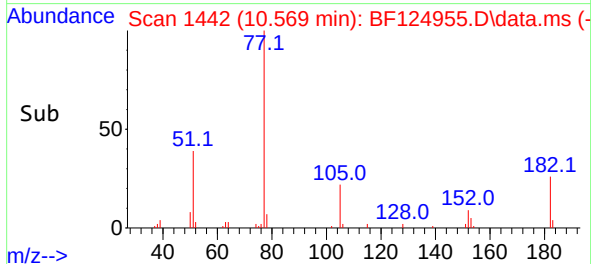
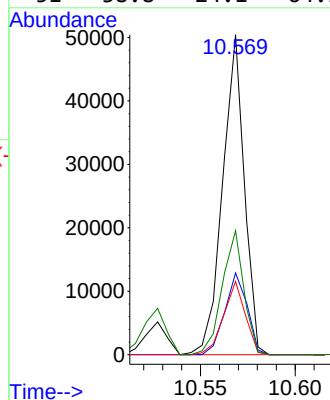
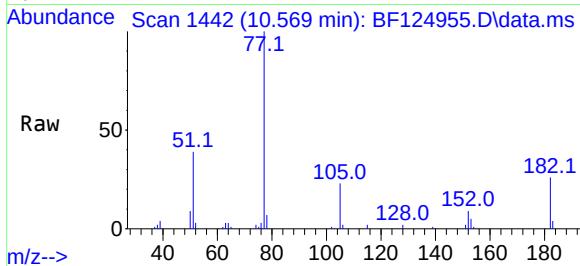


#63  
Azobenzene  
Concen: 41.062 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. -0.005 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 40206

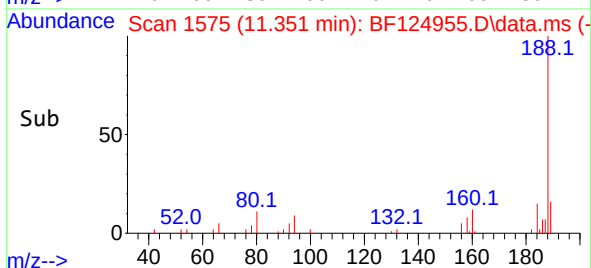
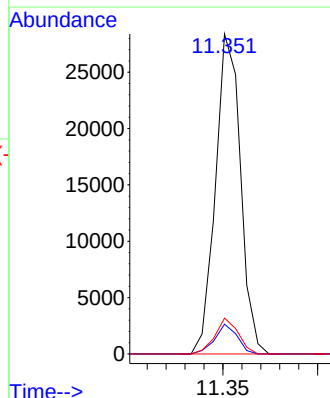
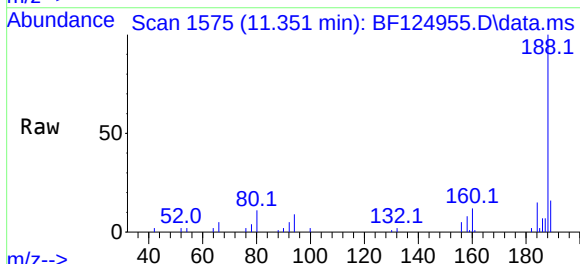
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.5  | 6.3   | 46.3  |
| 105 | 22.9  | 2.9   | 42.9  |
| 51  | 38.8  | 24.1  | 64.1  |

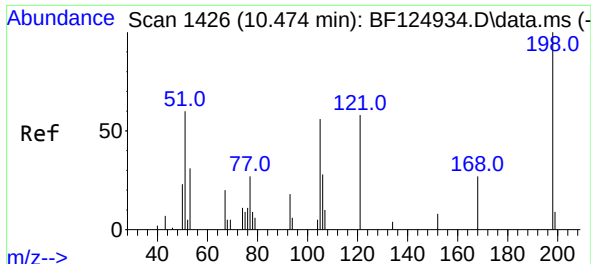


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion: 188 Resp: 26017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.3   | 6.7   | 10.1  |
| 80  | 11.2  | 7.5   | 11.3  |

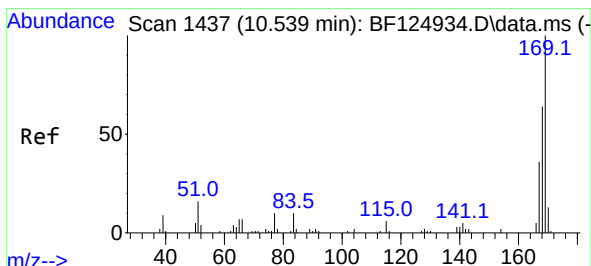
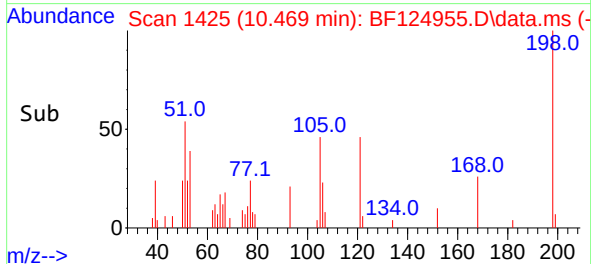
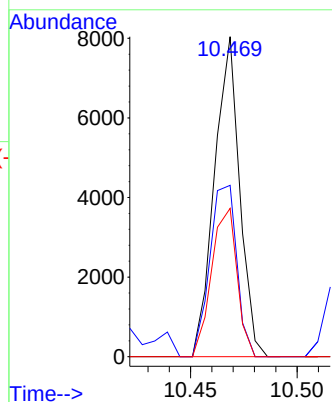
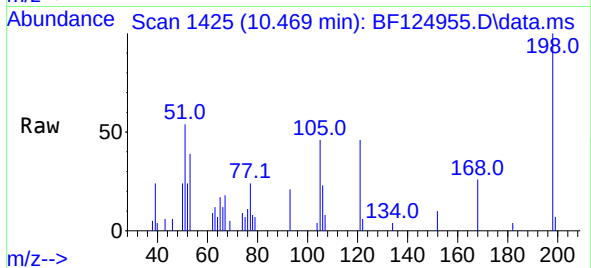




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.610 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. -0.005 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

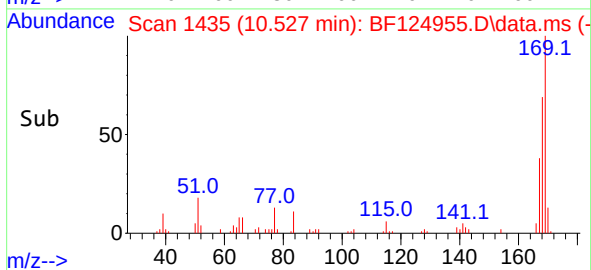
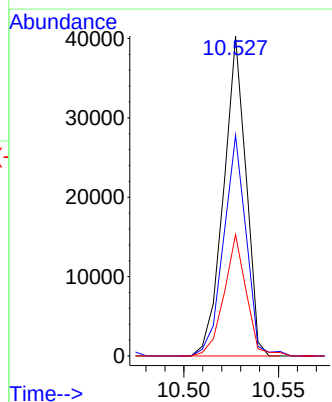
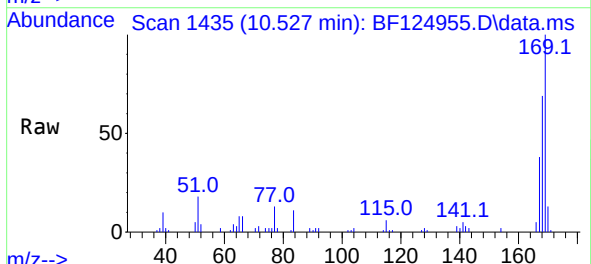
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

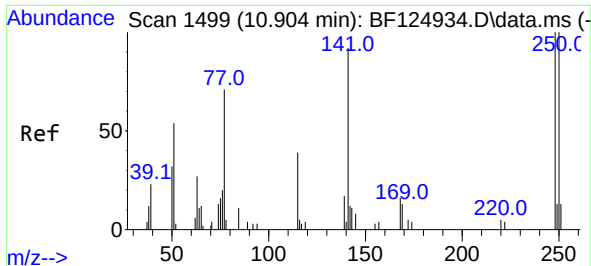
Tgt Ion:198 Resp: 6619  
Ion Ratio Lower Upper  
198 100  
51 53.5 45.3 85.3  
105 46.3 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 39.246 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:169 Resp: 33094  
Ion Ratio Lower Upper  
169 100  
168 69.0 50.8 76.2  
167 37.9 28.8 43.2

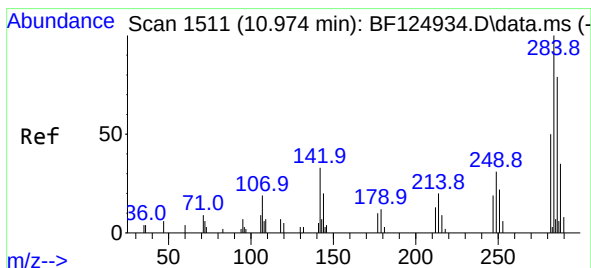
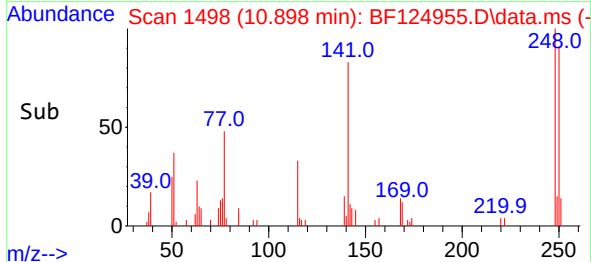
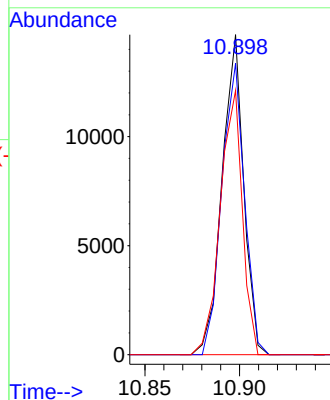
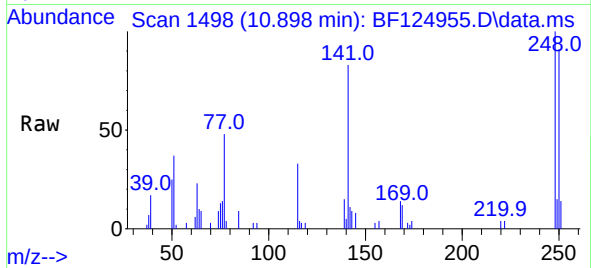




#67  
4-Bromophenyl-phenylether  
Concen: 40.879 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

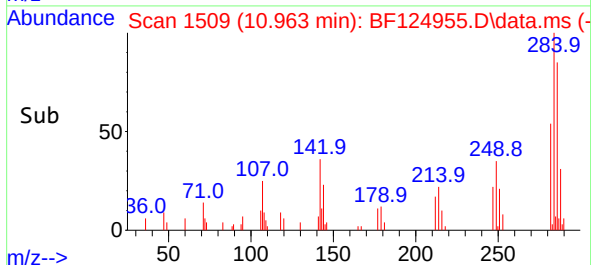
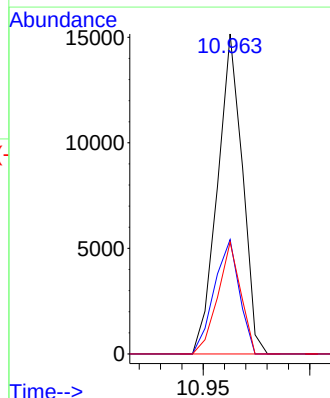
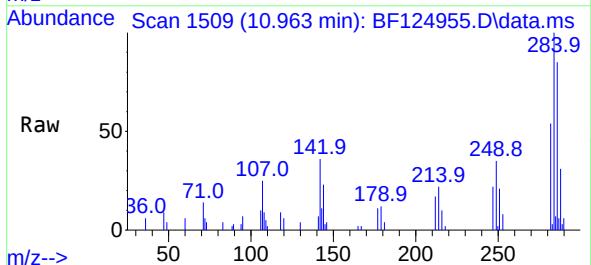
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

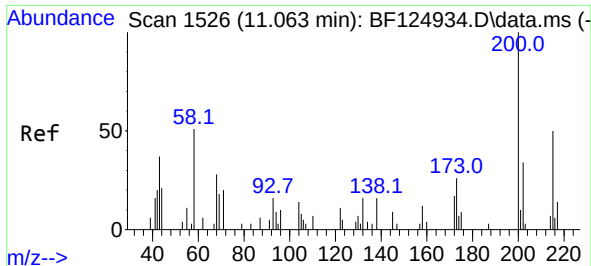
Tgt Ion:248 Resp: 11649  
Ion Ratio Lower Upper  
248 100  
250 91.0 74.2 111.4  
141 82.5 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 39.678 ng  
RT: 10.963 min Scan# 1509  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:284 Resp: 12301  
Ion Ratio Lower Upper  
284 100  
142 35.7 36.4 54.6#  
249 34.9 25.6 38.4

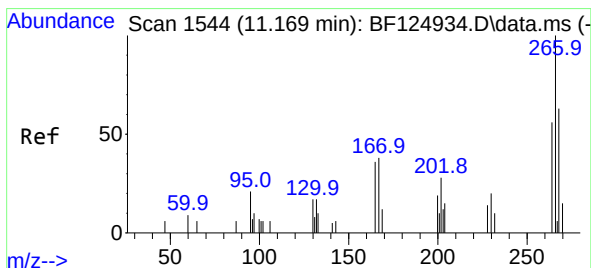
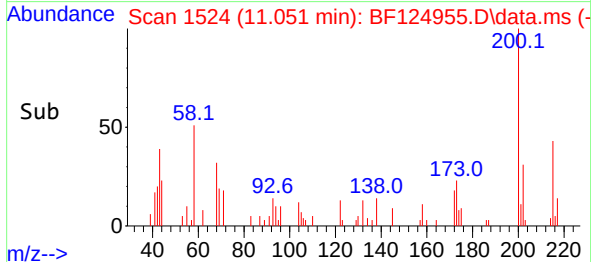
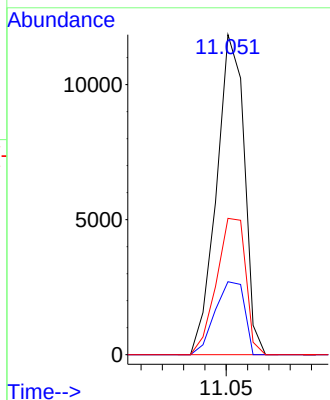
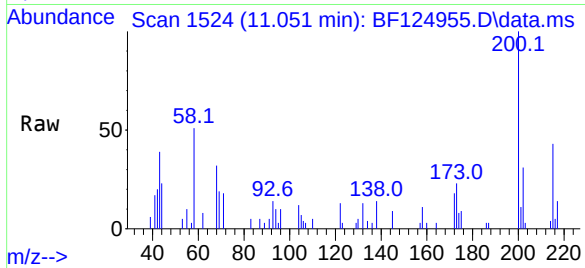




#69  
Atrazine  
Concen: 42.299 ng  
RT: 11.051 min Scan# 1524  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

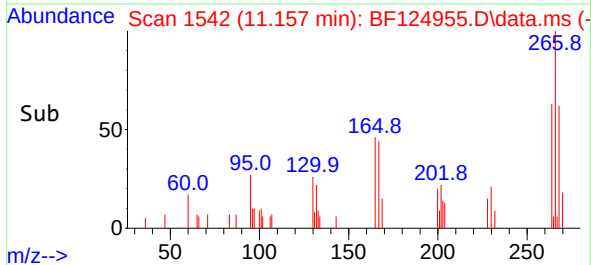
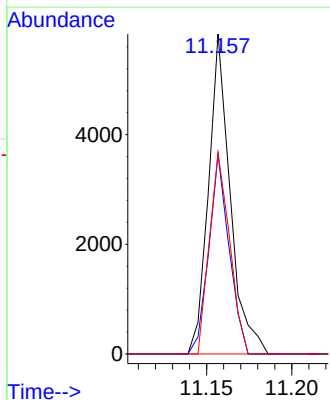
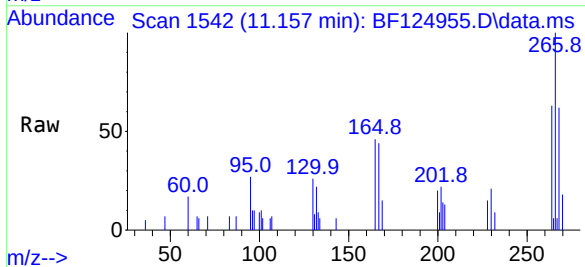
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

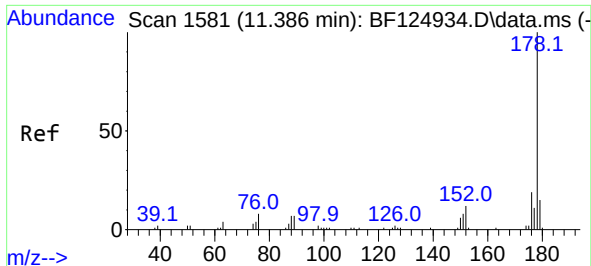
Tgt Ion:200 Resp: 10718  
Ion Ratio Lower Upper  
200 100  
173 22.8 11.1 51.1  
215 42.6 22.7 62.7



#70  
Pentachlorophenol  
Concen: 37.177 ng  
RT: 11.157 min Scan# 1542  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:266 Resp: 5153  
Ion Ratio Lower Upper  
266 100  
268 62.5 48.9 73.3  
264 62.8 55.9 83.9

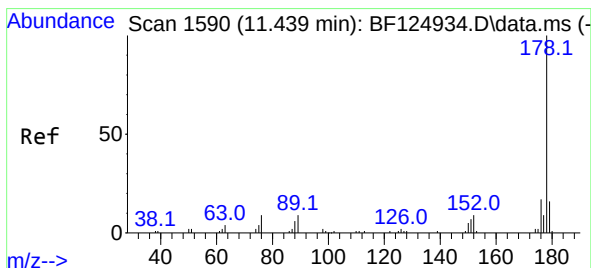
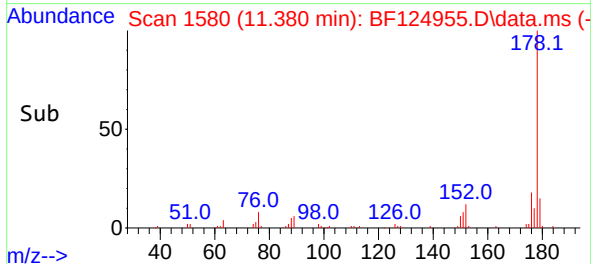
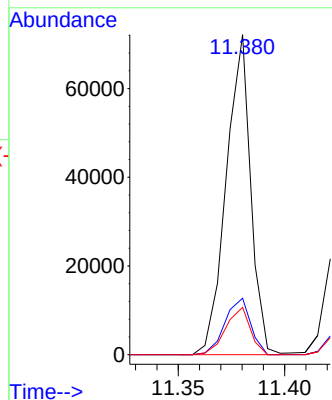
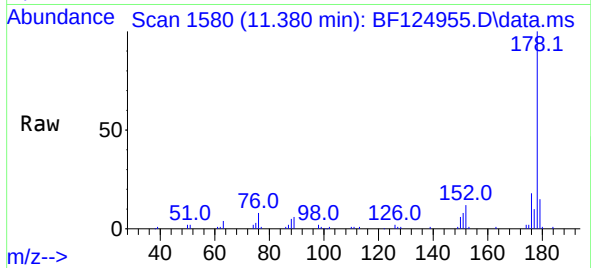




#71  
Phenanthrene  
Concen: 40.831 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

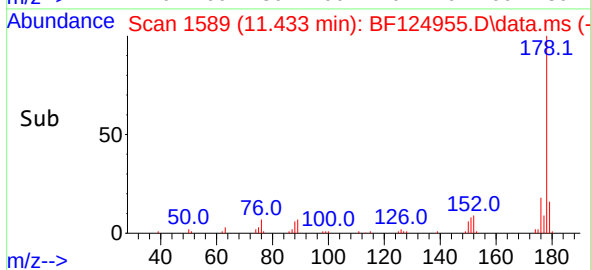
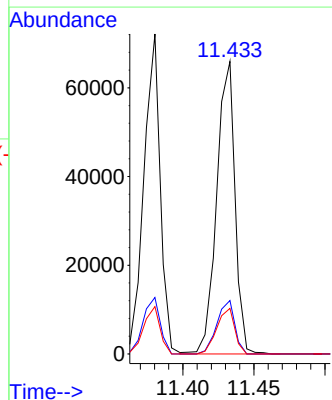
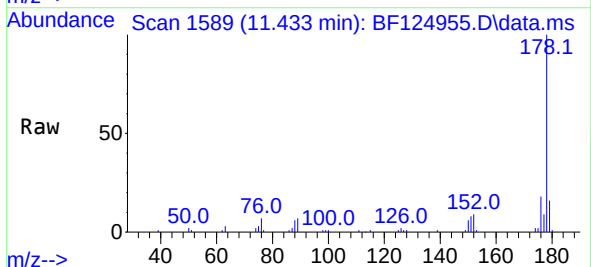
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

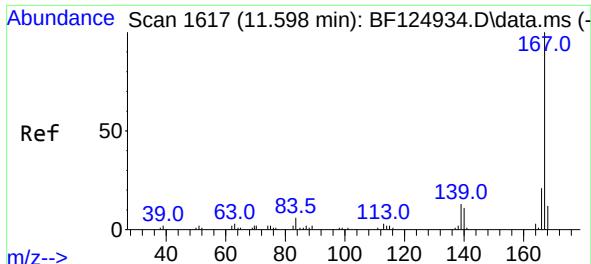
Tgt Ion:178 Resp: 57625  
Ion Ratio Lower Upper  
178 100  
176 17.7 14.7 22.1  
179 14.8 11.5 17.3



#72  
Anthracene  
Concen: 41.825 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

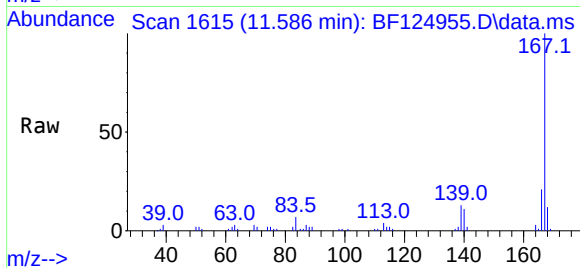
Tgt Ion:178 Resp: 59216  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.3 21.5  
179 15.6 12.2 18.4



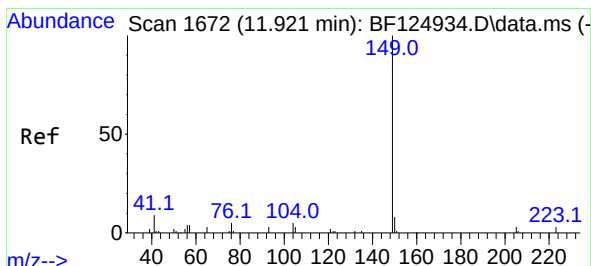
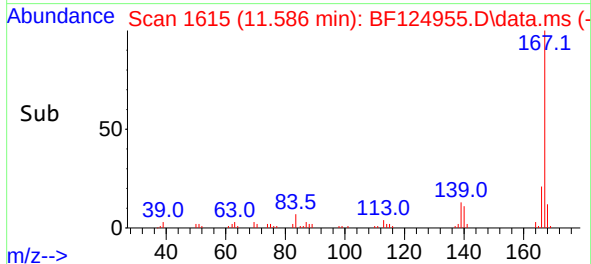
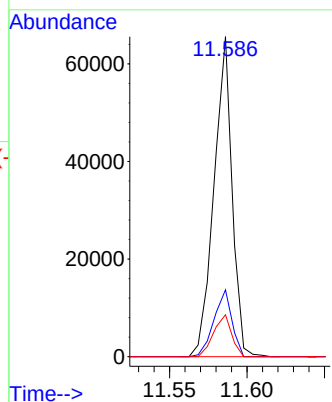


#73  
Carbazole  
Concen: 41.008 ng  
RT: 11.586 min Scan# 1615  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

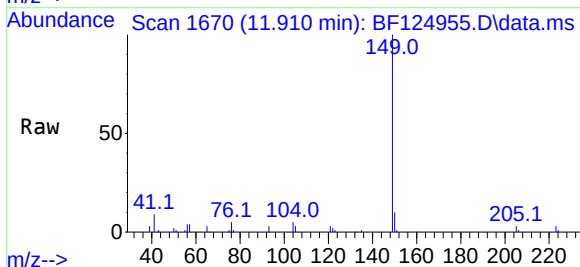
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



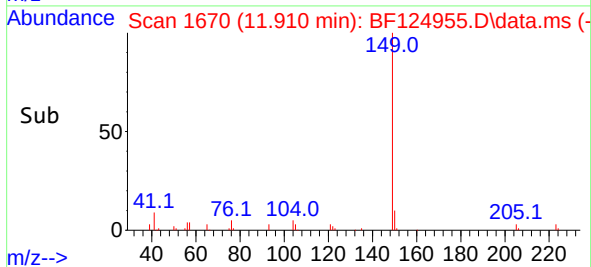
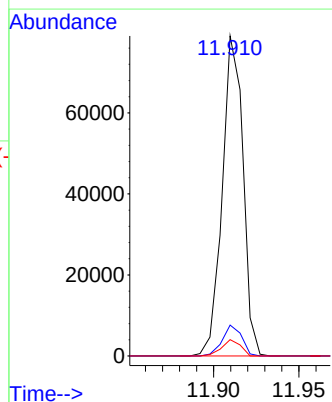
Tgt Ion:167 Resp: 53244  
Ion Ratio Lower Upper  
167 100  
166 20.9 17.4 26.0  
139 13.1 11.0 16.4



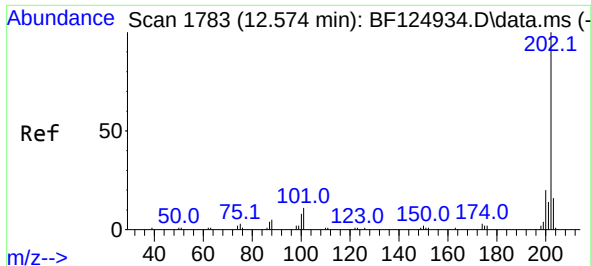
#74  
Di-n-butylphthalate  
Concen: 40.560 ng  
RT: 11.910 min Scan# 1670  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47



Tgt Ion:149 Resp: 66929  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.4 11.2  
104 5.1 4.1 6.1

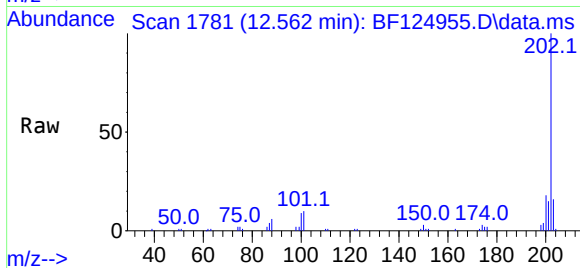




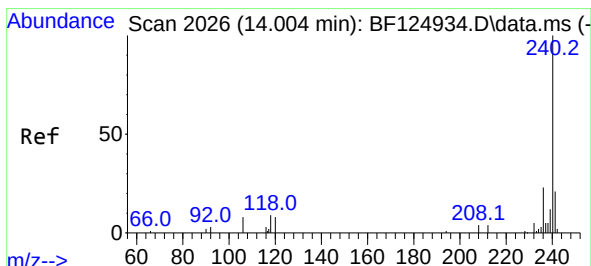
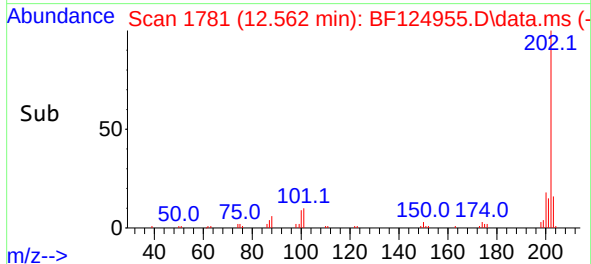
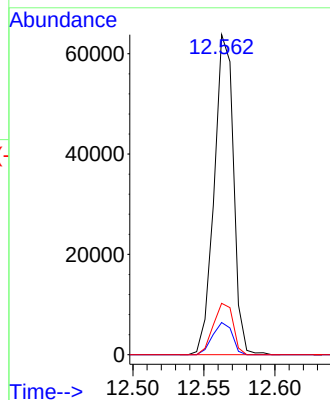


#75  
Fluoranthene  
Concen: 41.366 ng  
RT: 12.562 min Scan# 1781  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

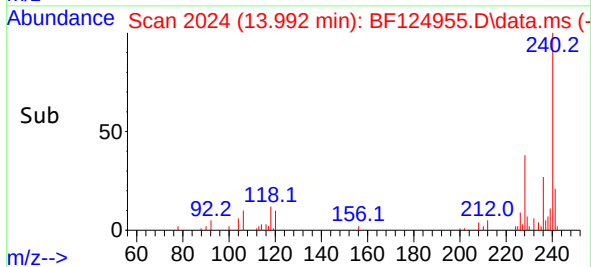
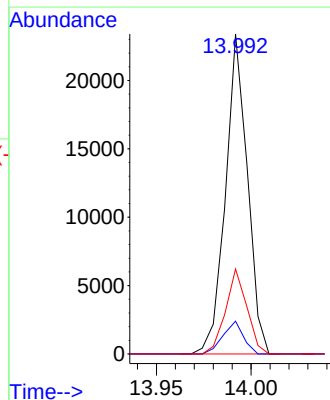
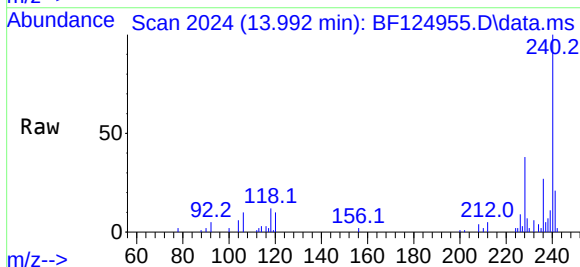


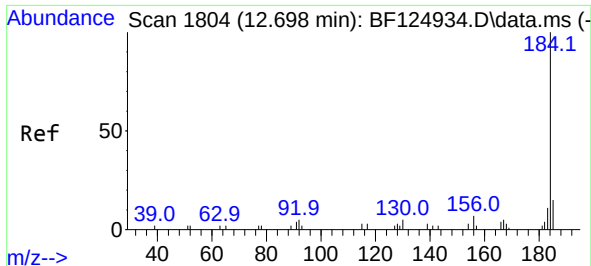
Tgt Ion:202 Resp: 60396  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 30.7  
203 16.1 0.0 36.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:240 Resp: 18824  
Ion Ratio Lower Upper  
240 100  
120 10.2 10.8 16.2#  
236 26.6 21.6 32.4

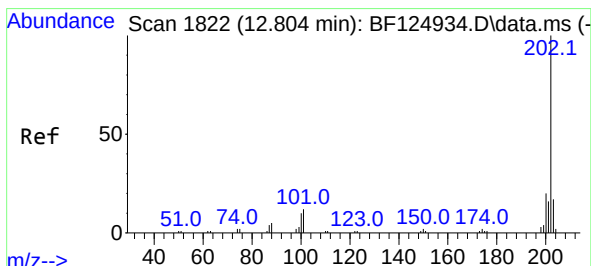
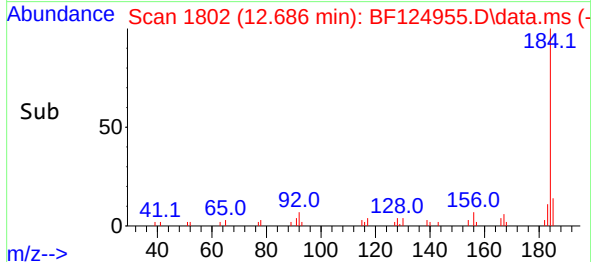
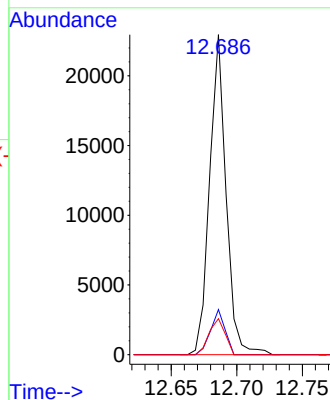
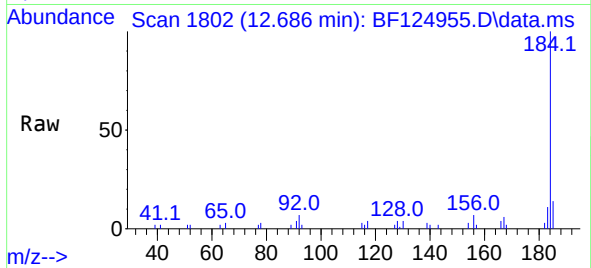




#77  
Benzidine  
Concen: 39.919 ng  
RT: 12.686 min Scan# 1802  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

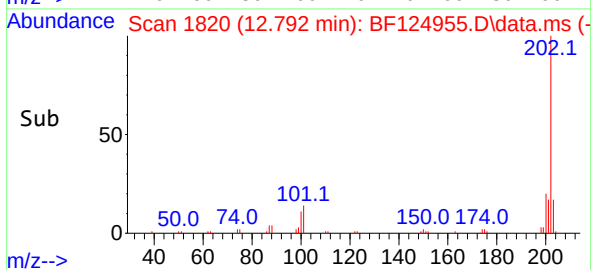
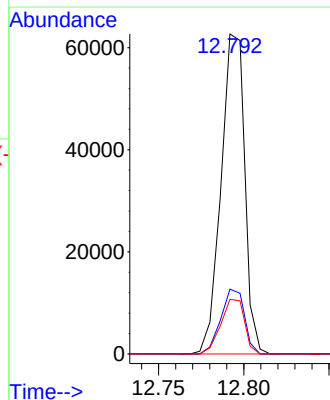
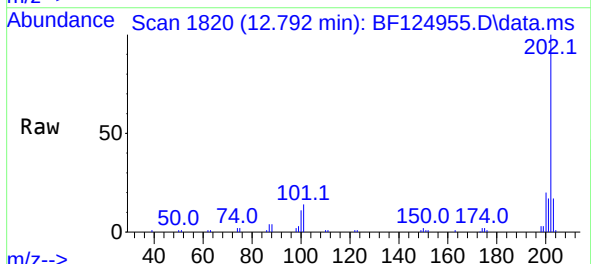
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

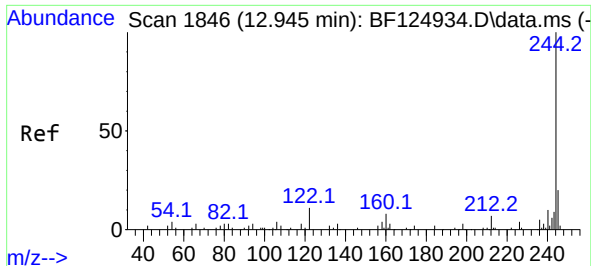
Tgt Ion:184 Resp: 20106  
Ion Ratio Lower Upper  
184 100  
185 14.1 10.8 16.2  
183 11.2 8.1 12.1



#78  
Pyrene  
Concen: 40.842 ng  
RT: 12.792 min Scan# 1820  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:202 Resp: 60557  
Ion Ratio Lower Upper  
202 100  
200 20.2 15.3 22.9  
203 17.0 13.4 20.0

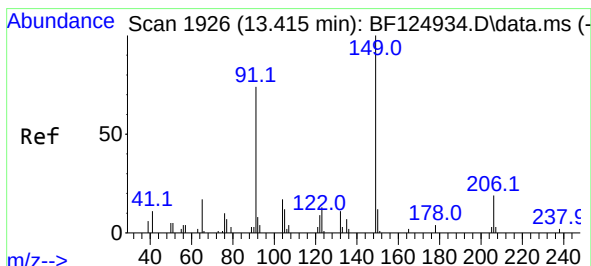
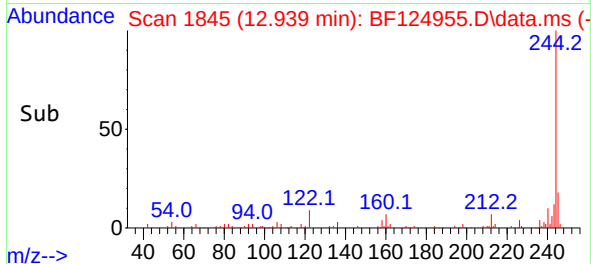
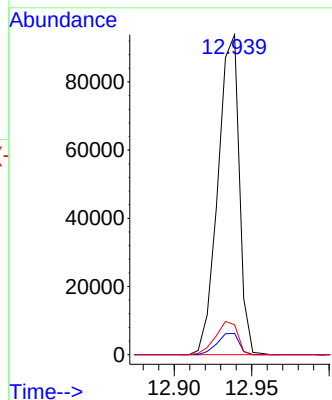
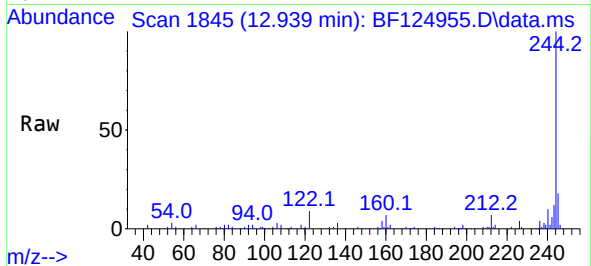




#79  
Terphenyl-d14  
Concen: 80.546 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

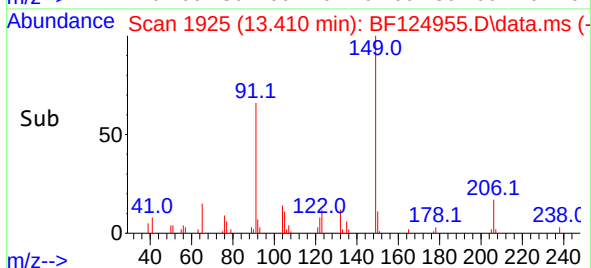
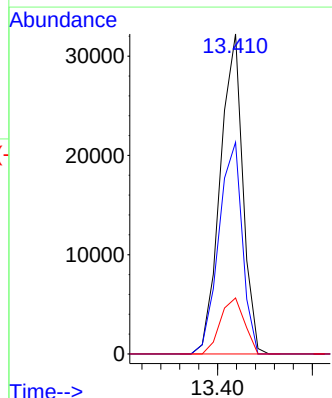
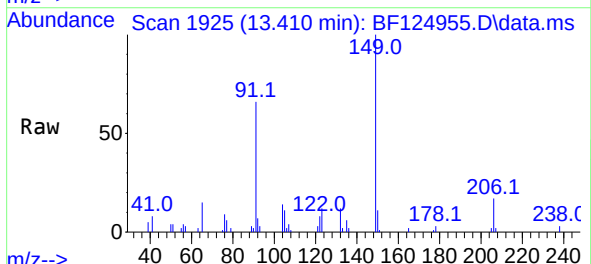
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

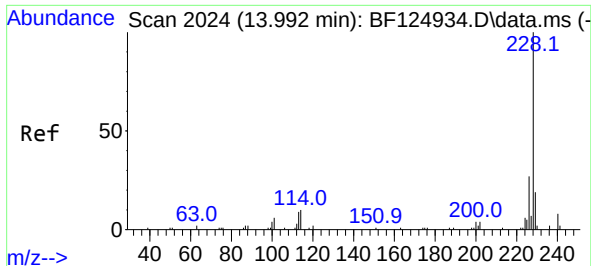
Tgt Ion:244 Resp: 89885  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.9 8.9  
122 9.4 9.0 13.4



#80  
Butylbenzylphthalate  
Concen: 40.502 ng  
RT: 13.410 min Scan# 1925  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:149 Resp: 26725  
Ion Ratio Lower Upper  
149 100  
91 66.1 51.8 77.8  
206 17.5 14.5 21.7

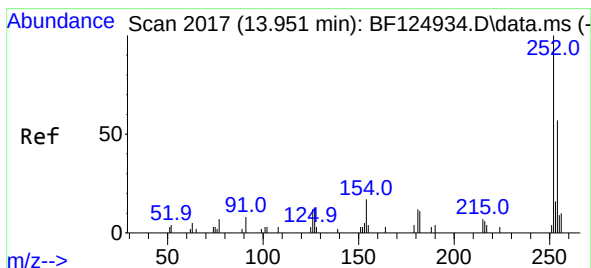
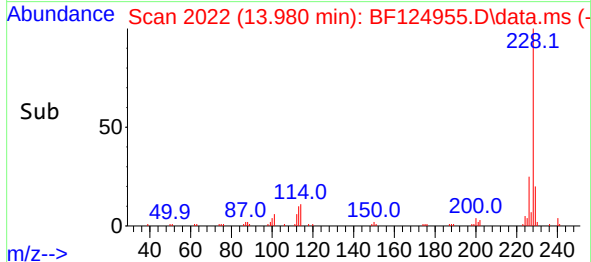
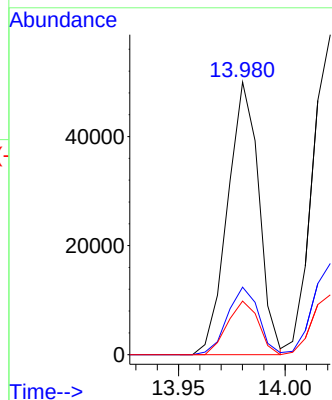
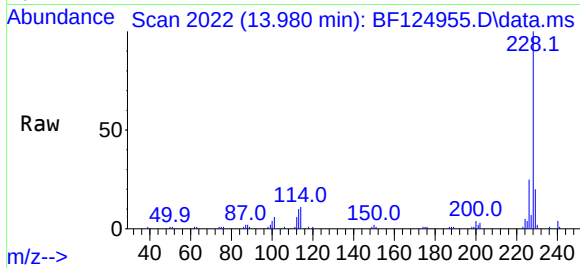




#81  
Benzo(a)anthracene  
Concen: 41.425 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

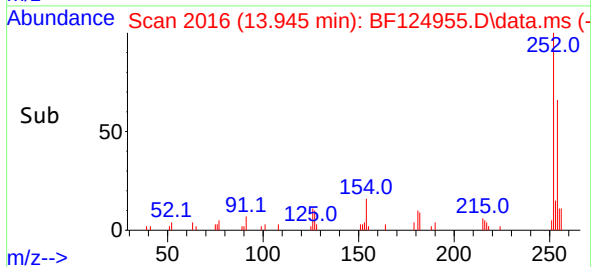
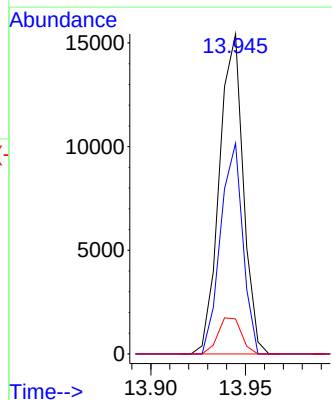
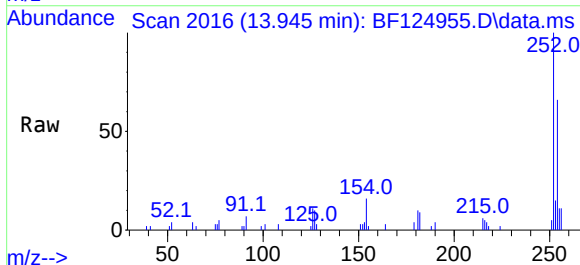
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

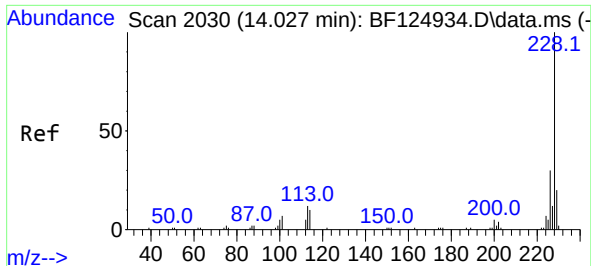
Tgt Ion:228 Resp: 50816  
Ion Ratio Lower Upper  
228 100  
226 24.8 21.6 32.4  
229 19.7 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 41.898 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:252 Resp: 13550  
Ion Ratio Lower Upper  
252 100  
254 65.8 51.4 77.0  
126 10.9 9.5 14.3

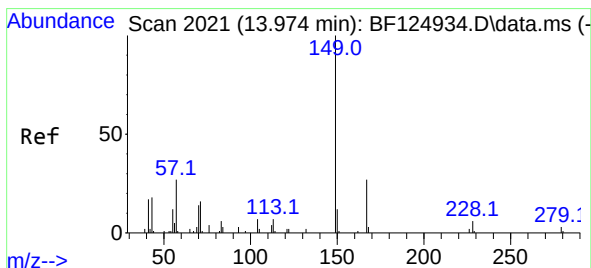
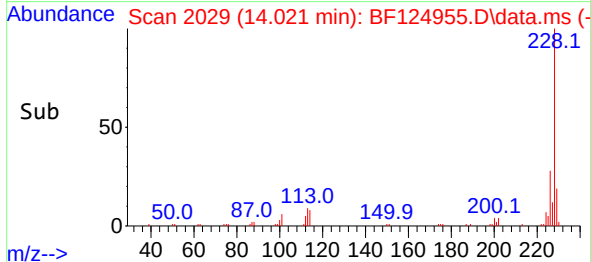
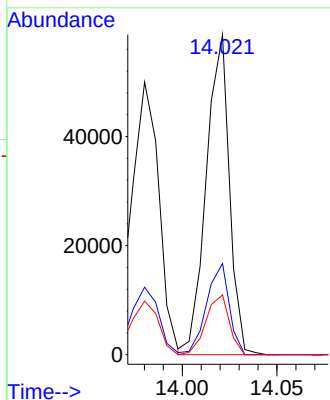
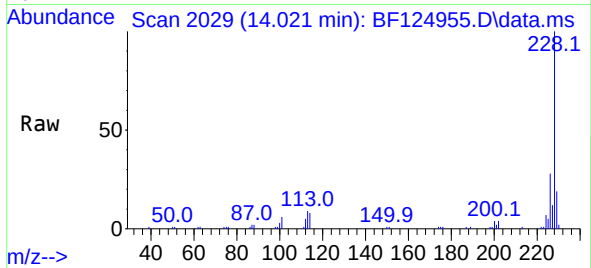




#83  
Chrysene  
Concen: 41.991 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. -0.006 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

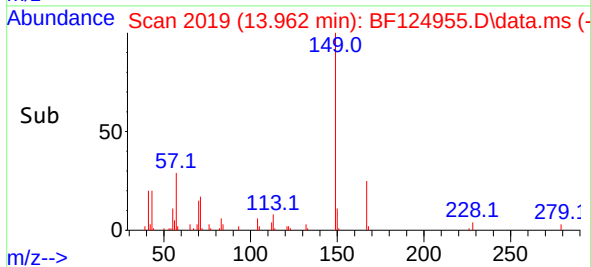
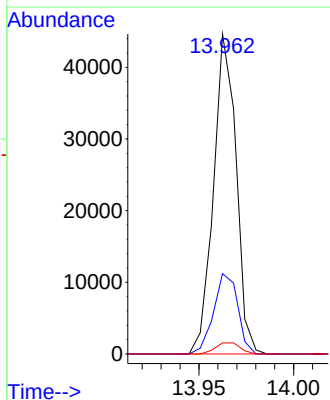
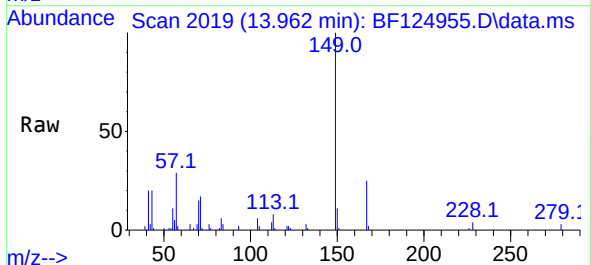
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

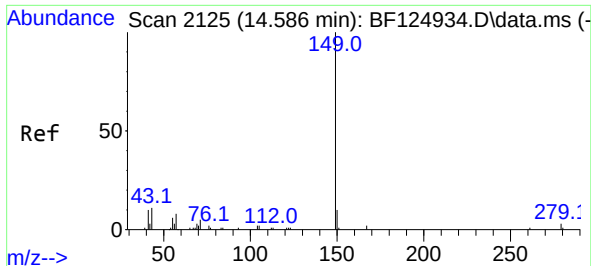
Tgt Ion:228 Resp: 49795  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.6 34.0  
229 18.7 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.521 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:149 Resp: 37090  
Ion Ratio Lower Upper  
149 100  
167 25.1 21.4 32.0  
279 3.4 2.6 4.0

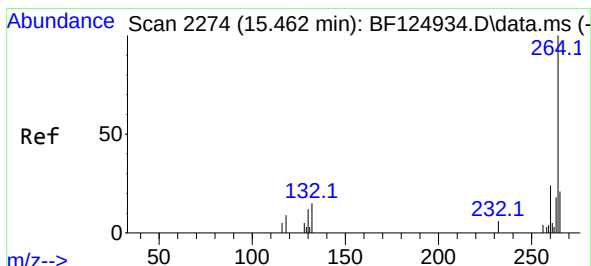
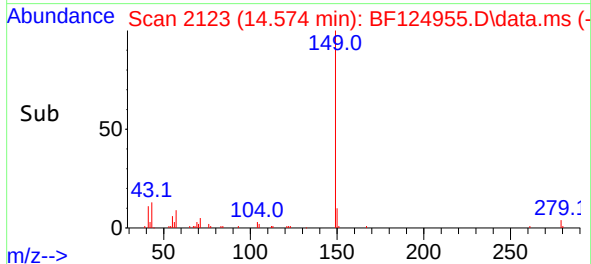
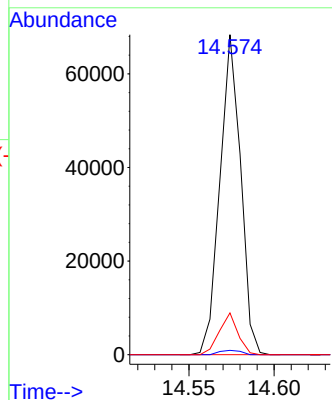
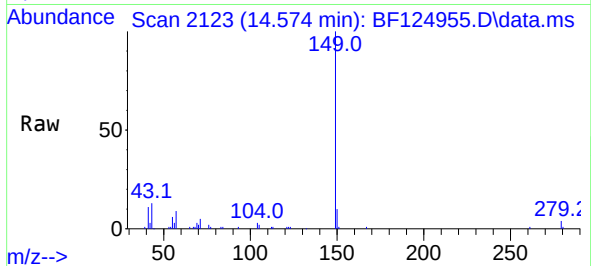




#85  
Di-n-octyl phthalate  
Concen: 40.092 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. -0.012 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

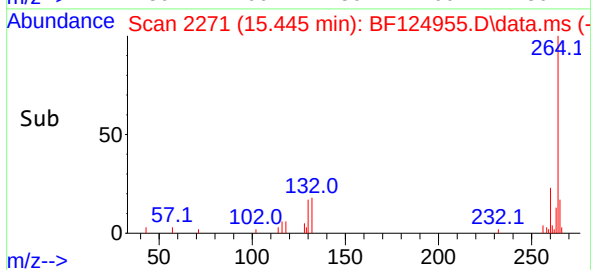
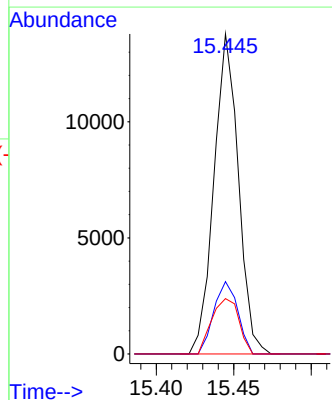
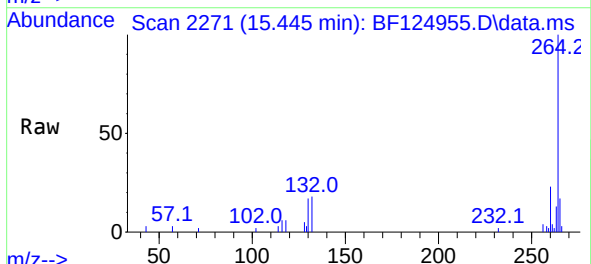
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

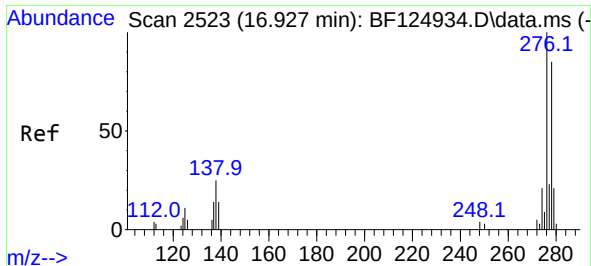
Tgt Ion:149 Resp: 57896  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.0 1.6  
43 11.8 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. -0.018 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:264 Resp: 15101  
Ion Ratio Lower Upper  
264 100  
260 22.6 19.6 29.4  
265 17.3 17.2 25.8

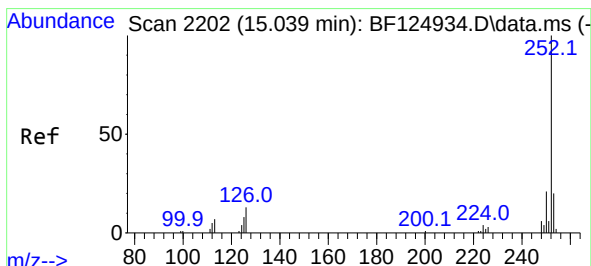
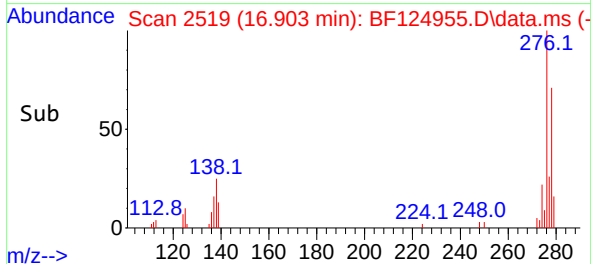
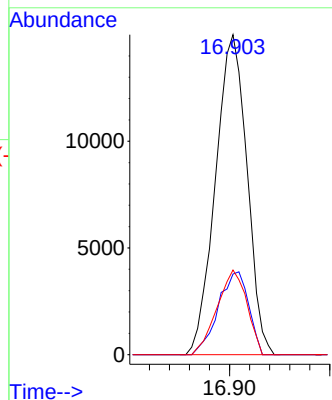
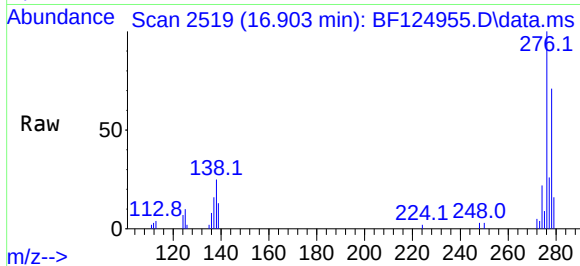




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.314 ng  
RT: 16.903 min Scan# 2519  
Delta R.T. -0.024 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

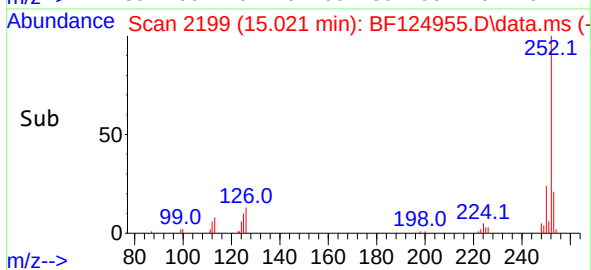
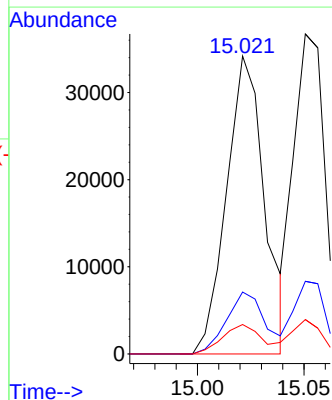
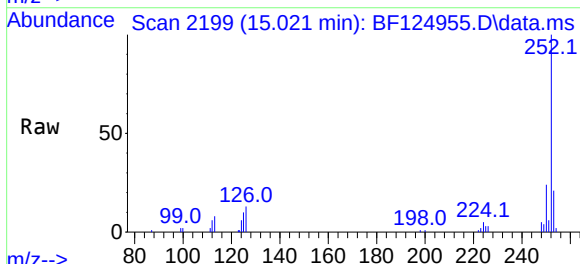
Instrument :  
BNA\_F  
ClientSampleId :  
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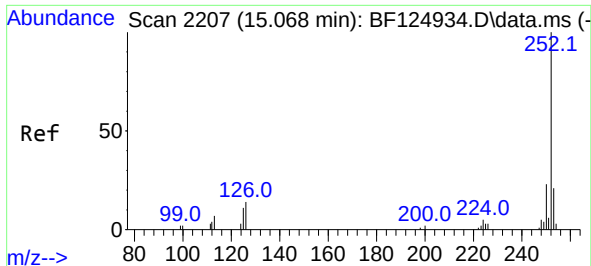
Tgt Ion:276 Resp: 32656  
Ion Ratio Lower Upper  
276 100  
138 25.0 24.1 36.1  
277 25.1 18.8 28.2



#88  
Benzo(b)fluoranthene  
Concen: 40.043 ng  
RT: 15.021 min Scan# 2199  
Delta R.T. -0.018 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:252 Resp: 42459  
Ion Ratio Lower Upper  
252 100  
253 20.8 16.8 25.2  
125 9.9 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 38.853 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.018 min

Lab File: BF124955.D

Acq: 6 Aug 2021 9:47

Tgt Ion:252 Resp: 37476

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

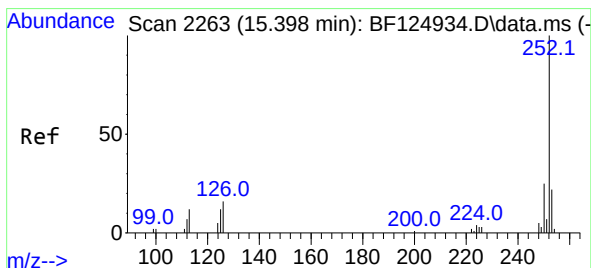
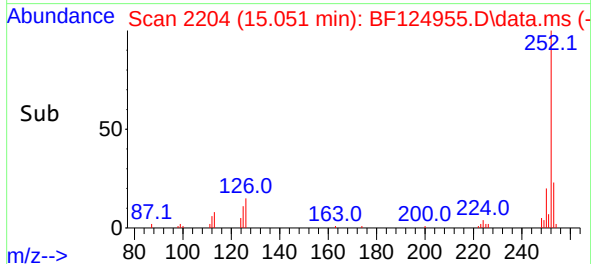
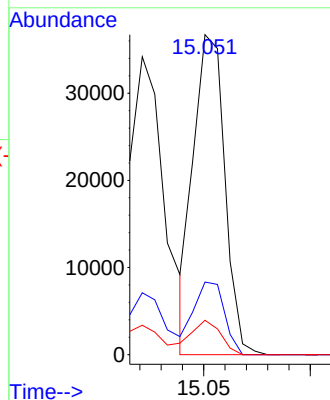
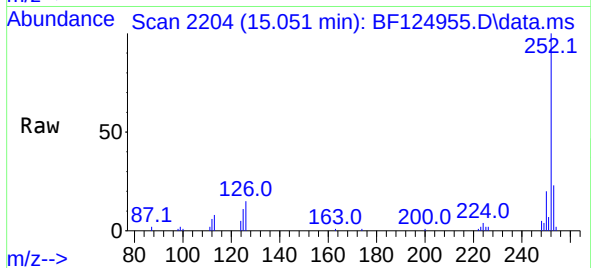
125 10.8 7.2 10.8

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



#90

Benzo(a)pyrene

Concen: 38.043 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.012 min

Lab File: BF124955.D

Acq: 6 Aug 2021 9:47

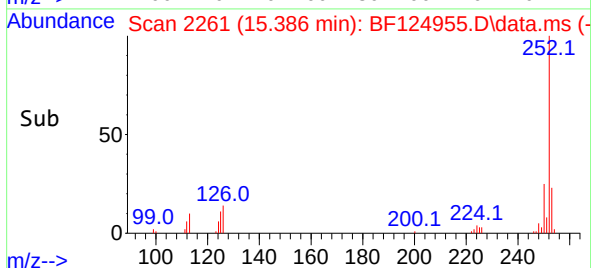
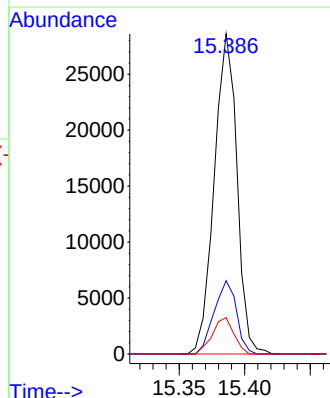
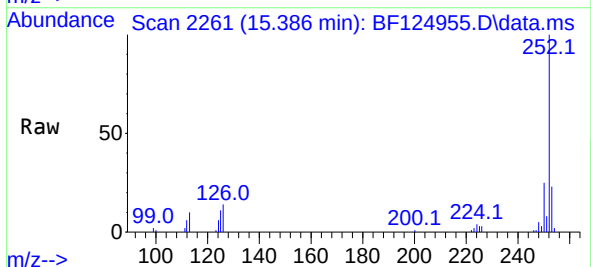
Tgt Ion:252 Resp: 34350

Ion Ratio Lower Upper

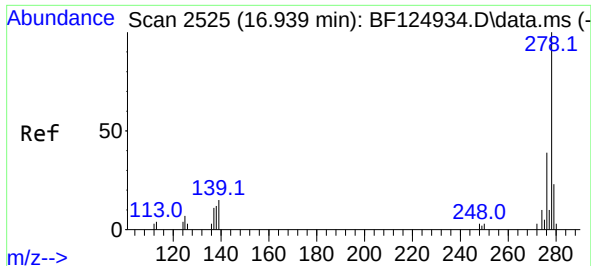
252 100

253 22.9 18.4 27.6

125 11.4 9.9 14.9



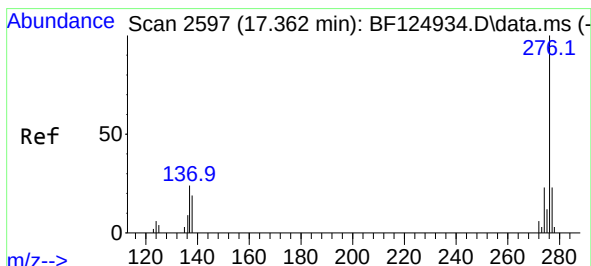
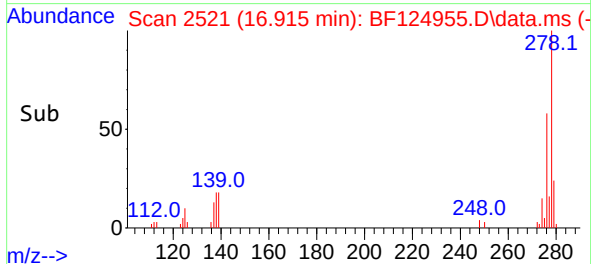
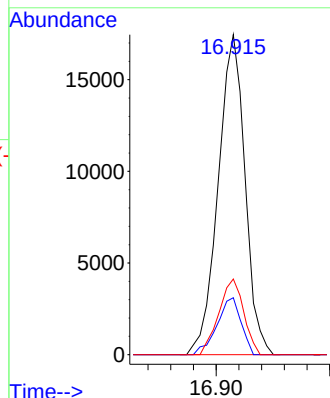
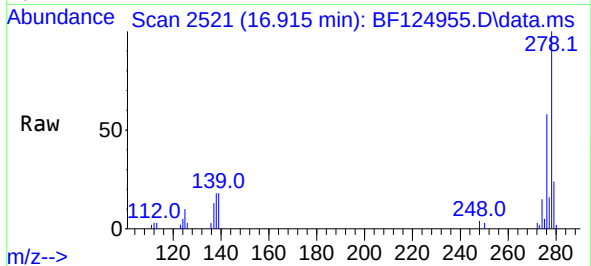




#91  
Dibenzo(a,h)anthracene  
Concen: 36.168 ng  
RT: 16.915 min Scan# 2521  
Delta R.T. -0.024 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 28597  
Ion Ratio Lower Upper  
278 100  
139 17.8 14.9 22.3  
279 23.6 19.7 29.5



#92  
Benzo(g,h,i)perylene  
Concen: 34.633 ng  
RT: 17.339 min Scan# 2593  
Delta R.T. -0.024 min  
Lab File: BF124955.D  
Acq: 6 Aug 2021 9:47

Tgt Ion:276 Resp: 26267  
Ion Ratio Lower Upper  
276 100  
277 22.8 22.0 33.0  
138 26.4 22.2 33.4

