

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080321\  
 Data File : BF124920.D  
 Acq On : 3 Aug 2021 17:45  
 Operator : JU/CG  
 Sample : PB138173BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138173BS

Manual Integrations  
 APPROVED

mohammad  
 8/4/2021 3:45:22 PM

Quant Time: Aug 04 05:06:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 02 11:15:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 5755     | 20.000  | ng    | #-0.01   |
| 21) Naphthalene-d8            | 8.128  | 136  | 23348    | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 9.886  | 164  | 13630    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.374 | 188  | 23614    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.009 | 240  | 16169    | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.468 | 264  | 12008    | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 48679    | 143.217 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.481  | 99   | 60418    | 141.789 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 34763    | 88.616  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 15678    | 133.969 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 69621    | 75.023  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.957 | 244  | 73806    | 78.245  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 7214     | 60.718  | ng    | # 100    |
| 3) Pyridine                   | 3.457  | 79   | 15152    | 53.872  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 12895    | 57.975  | ng    | # 81     |
| 6) Aniline                    | 6.510  | 93   | 21653    | 49.445  | ng    | # 93     |
| 8) 2-Chlorophenol             | 6.633  | 128  | 21453    | 55.959  | ng    | 92       |
| 9) Benzaldehyde               | 6.398  | 77   | 9922     | 43.249  | ng    | 93       |
| 10) Phenol                    | 6.498  | 94   | 25312    | 62.031  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.586  | 93   | 20597    | 63.661  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.786  | 146  | 23517    | 56.441  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 23259    | 55.798  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 22904    | 56.869  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.992  | 79   | 17373    | 62.000  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 32081    | 58.912  | ng    | 94       |
| 17) 2-Methylphenol            | 7.104  | 107  | 16871    | 60.407  | ng    | 95       |
| 18) Hexachloroethane          | 7.357  | 117  | 9621     | 60.894  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 15048    | 66.134  | ng    | 88       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 22094    | 59.875  | ng    | # 76     |
| 22) Acetophenone              | 7.257  | 105  | 30520    | 56.408  | ng    | # 87     |
| 24) Nitrobenzene              | 7.433  | 77   | 22098    | 57.457  | ng    | 94       |
| 25) Isophorone                | 7.669  | 82   | 38760    | 55.879  | ng    | # 92     |
| 26) 2-Nitrophenol             | 7.745  | 139  | 11958    | 56.136  | ng    | # 79     |
| 27) 2,4-Dimethylphenol        | 7.780  | 122  | 18176    | 55.452  | ng    | 86       |
| 28) bis(2-Chloroethoxy)met... | 7.880  | 93   | 24866    | 61.688  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 17863    | 51.458  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 20394    | 53.602  | ng    | 98       |
| 31) Naphthalene               | 8.151  | 128  | 63075    | 51.766  | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 10011    | 39.459  | ng    | 88       |
| 33) 4-Chloroaniline           | 8.198  | 127  | 12211    | 26.651  | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 12705    | 55.863  | ng    | 95       |
| 35) Caprolactam               | 8.575  | 113  | 5004m    | 55.461  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 19131    | 57.778  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 43198    | 53.060  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 39079    | 50.669  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 19895    | 52.314  | ng    | 94       |
| 41) Hexachlorocyclopentadiene | 8.998  | 237  | 22955    | 102.023 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 12795    | 47.394  | ng    | 96       |

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Manual Integrations  
 APPROVED

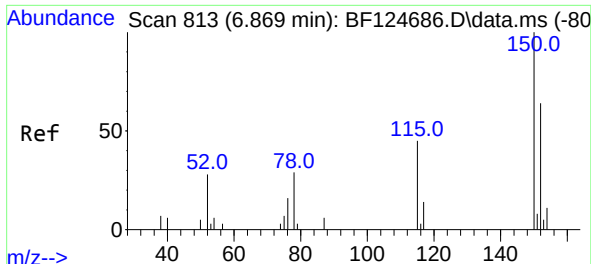
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Quant Time: Aug 04 05:06:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 02 11:15:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 13183    | 47.558 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 50428    | 49.565 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 40075    | 49.757 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.433  | 65   | 12464    | 59.101 | ng    | 95       |
| 49) Acenaphthylene            | 9.751  | 152  | 63547    | 51.163 | ng    | 98       |
| 50) Dimethylphthalate         | 9.610  | 163  | 48590    | 51.773 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.674  | 165  | 10170    | 49.050 | ng    | 94       |
| 52) Acenaphthene              | 9.922  | 154  | 36233    | 44.006 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.839  | 138  | 6969     | 31.949 | ng    | # 66     |
| 54) 2,4-Dinitrophenol         | 9.951  | 184  | 9553     | 79.678 | ng    | 92       |
| 55) Dibenzofuran              | 10.092 | 168  | 57812    | 49.136 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 15526    | 90.133 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 14691    | 52.213 | ng    | # 93     |
| 58) Fluorene                  | 10.439 | 166  | 44979    | 49.834 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 10474    | 47.844 | ng    | # 92     |
| 60) Diethylphthalate          | 10.310 | 149  | 49971    | 51.203 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204  | 22216    | 50.917 | ng    | 91       |
| 62) 4-Nitroaniline            | 10.463 | 138  | 9937     | 46.039 | ng    | 92       |
| 63) Azobenzene                | 10.586 | 77   | 46564    | 53.931 | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 6895     | 45.087 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 38409    | 50.192 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 13079    | 52.224 | ng    | # 86     |
| 68) Hexachlorobenzene         | 10.986 | 284  | 14354    | 55.187 | ng    | # 86     |
| 69) Atrazine                  | 11.074 | 200  | 13044    | 56.065 | ng    | 94       |
| 70) Pentachlorophenol         | 11.180 | 266  | 13961    | 86.320 | ng    | 93       |
| 71) Phenanthrene              | 11.398 | 178  | 67362    | 53.038 | ng    | 98       |
| 72) Anthracene                | 11.451 | 178  | 67495    | 53.158 | ng    | 99       |
| 73) Carbazole                 | 11.604 | 167  | 57836    | 48.595 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 82798    | 52.230 | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 68562    | 52.900 | ng    | 100      |
| 77) Benzidine                 | 12.710 | 184  | 33554    | 73.591 | ng    | 97       |
| 78) Pyrene                    | 12.815 | 202  | 69098    | 53.981 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 32817    | 53.527 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 53711    | 50.819 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.962 | 252  | 11212    | 38.225 | ng    | 97       |
| 83) Chrysene                  | 14.039 | 228  | 50947    | 50.034 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 48121    | 53.286 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 72519    | 49.486 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 39904    | 57.560 | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 44320    | 52.422 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 40473    | 52.392 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.415 | 252  | 39283    | 55.622 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 16.956 | 278  | 34077    | 56.150 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.392 | 276  | 33205    | 57.697 | ng    | 92       |

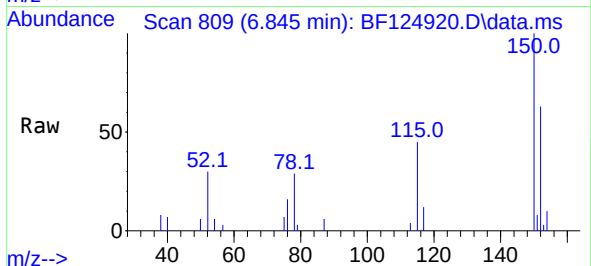
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 809  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

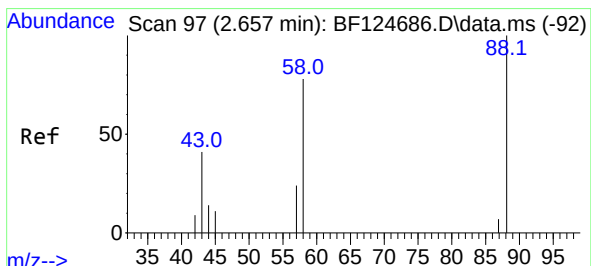
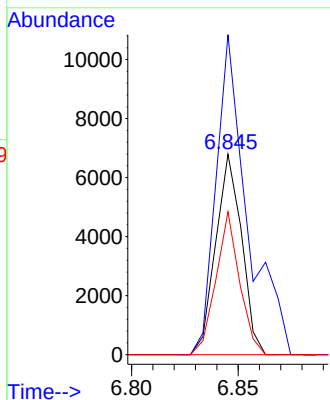
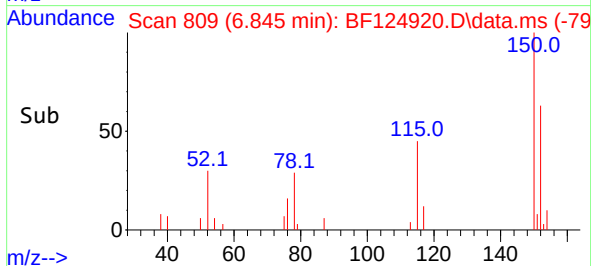
Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS



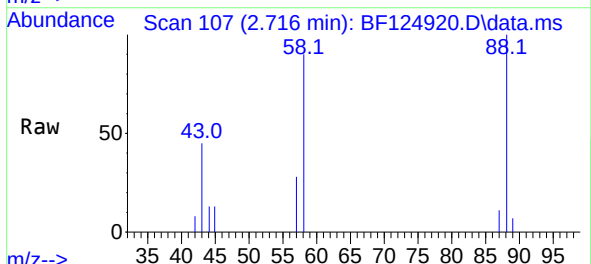
Tgt Ion:152 Resp: 5755  
Ion Ratio Lower Upper  
152 100  
150 159.6 117.6 176.4  
115 71.2 47.1 70.7#

Manual Integrations  
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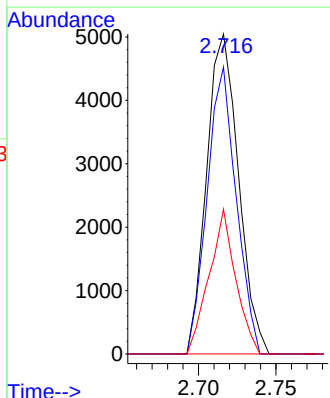
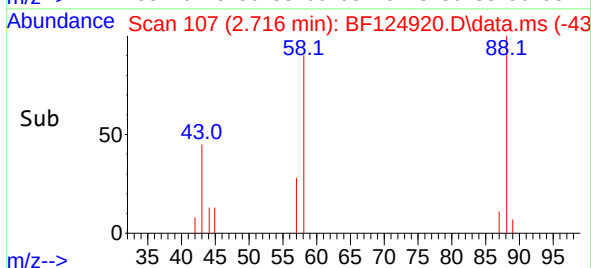
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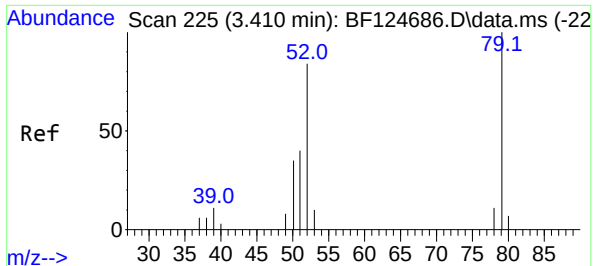


#2  
1,4-Dioxane  
Concen: 60.718 ng  
RT: 2.716 min Scan# 107  
Delta R.T. 0.076 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

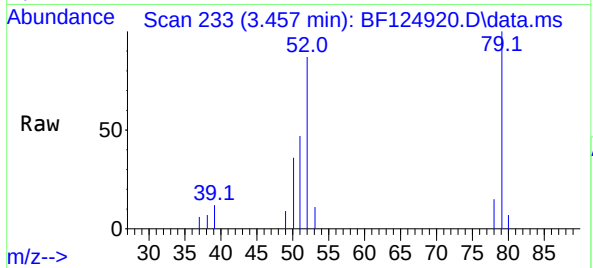


Tgt Ion: 88 Resp: 7214  
Ion Ratio Lower Upper  
88 100  
58 81.7 0.0 0.0#  
43 37.8 0.0 0.0#

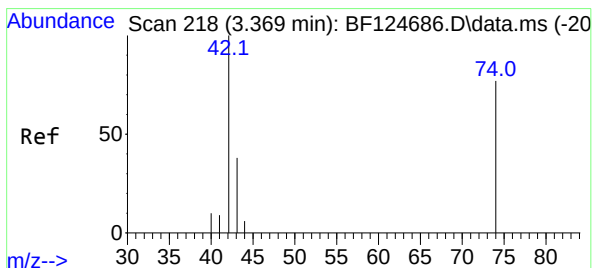
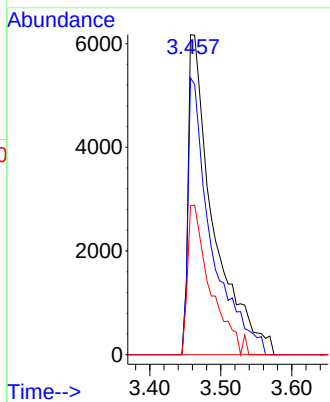
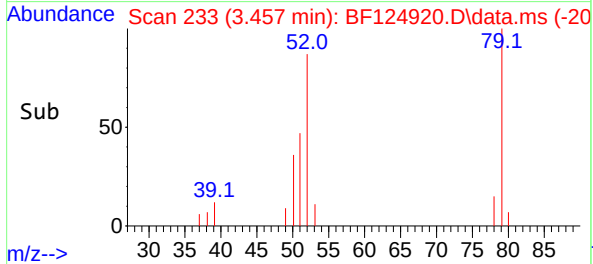




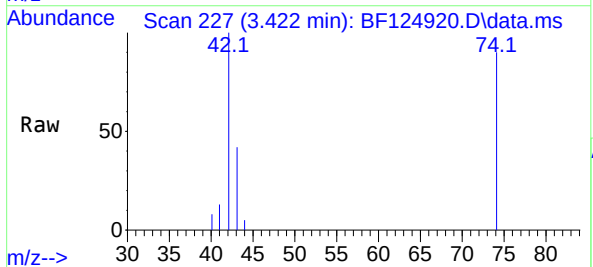
#3  
Pyridine  
Concen: 53.872 ng  
RT: 3.457 min Scan# 233  
Delta R.T. 0.065 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



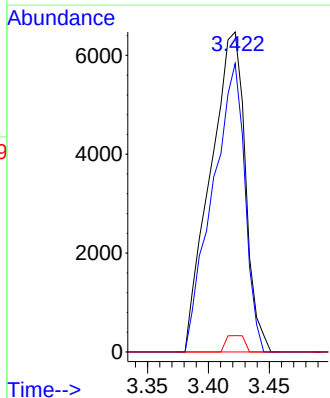
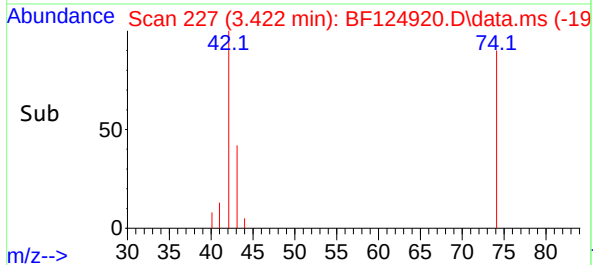
Tgt Ion: 79 Resp: 15152  
Ion Ratio Lower Upper  
79 100  
52 86.5 70.3 105.5  
51 46.5 44.1 66.1



#4  
n-Nitrosodimethylamine  
Concen: 57.975 ng  
RT: 3.422 min Scan# 227  
Delta R.T. 0.071 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



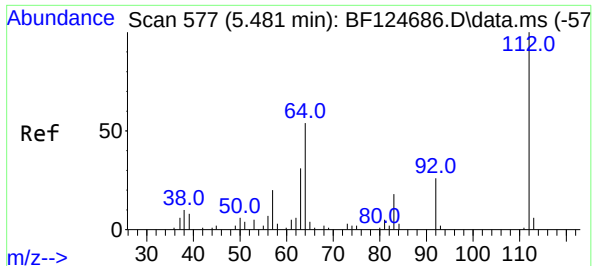
Tgt Ion: 42 Resp: 12895  
Ion Ratio Lower Upper  
42 100  
74 90.2 59.0 88.6#  
44 5.1 0.0 0.0#



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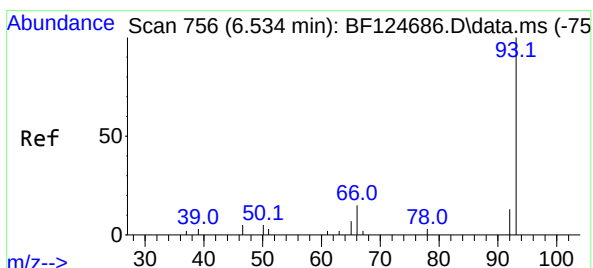
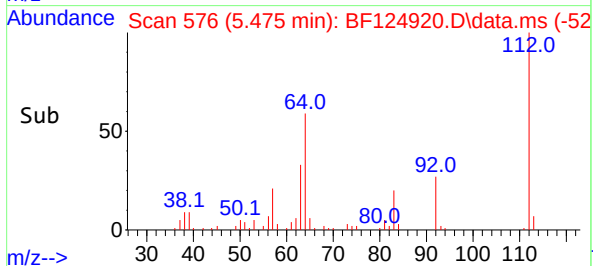
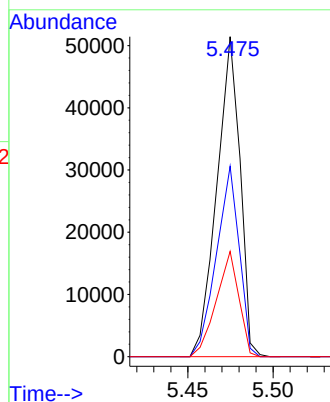
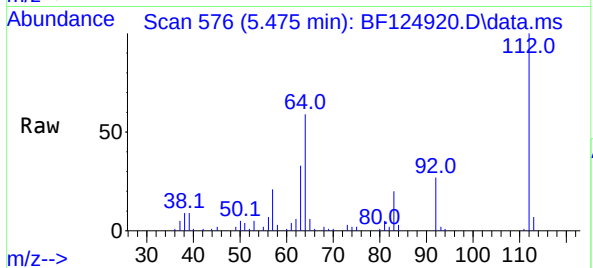
#5  
2-Fluorophenol  
Concen: 143.217 ng  
RT: 5.475 min Scan# 576  
Delta R.T. -0.000 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 48679 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 59.5  | 44.2  | 66.2  |
| 63        | 32.9  | 26.2  | 39.2  |

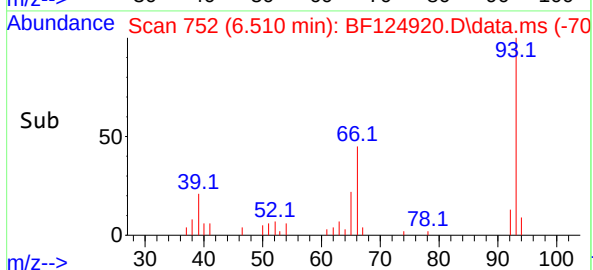
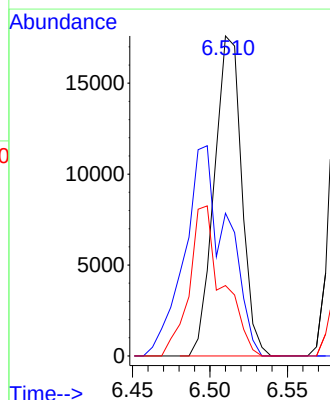
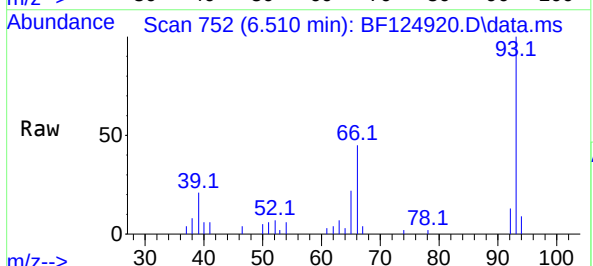
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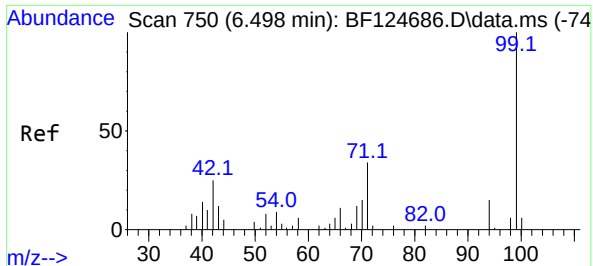
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#6  
Aniline  
Concen: 49.445 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 21653 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 44.6  | 32.7  | 49.1  |
| 65        | 22.0  | 14.2  | 21.4  |





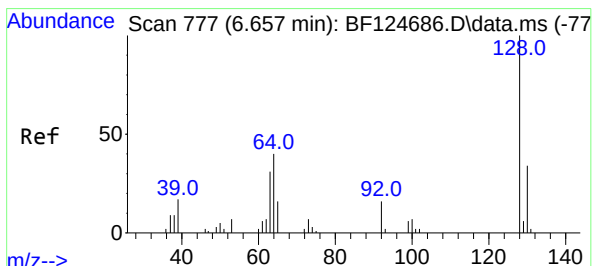
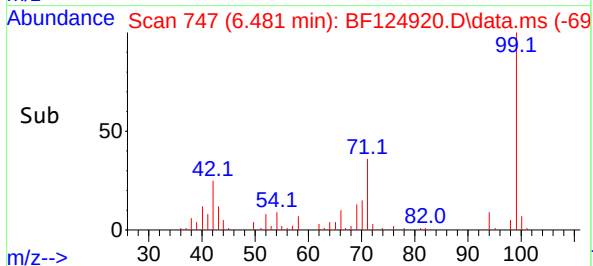
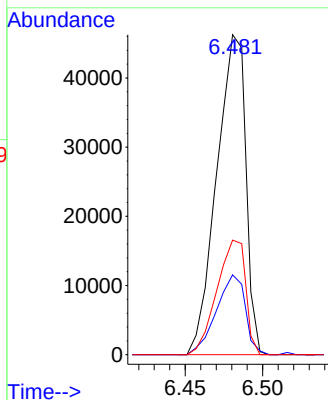
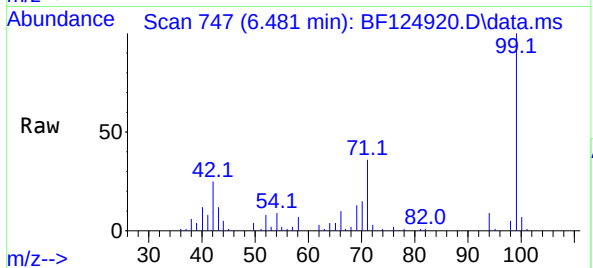
#7  
Phenol-d6  
Concen: 141.789 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 60418 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 25.0  | 23.5  | 35.3  |
| 71       | 35.8  | 25.6  | 38.4  |

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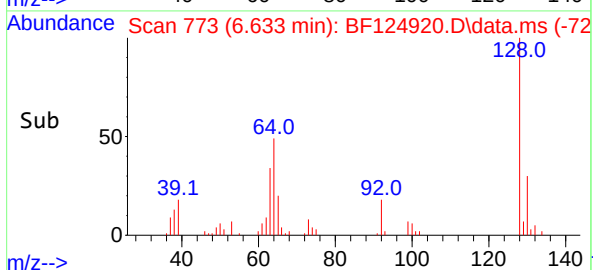
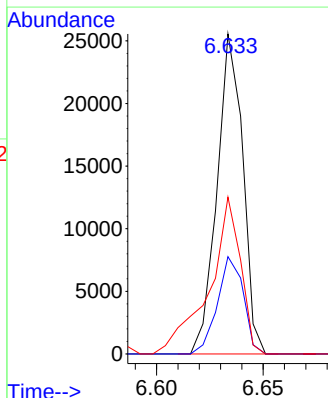
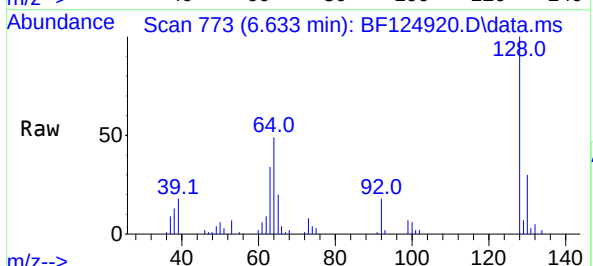
Manual Integrations  
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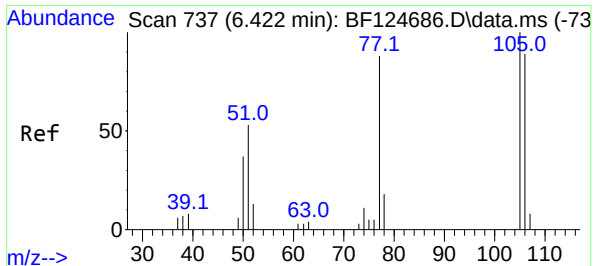
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#8  
2-Chlorophenol  
Concen: 55.959 ng  
RT: 6.633 min Scan# 773  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

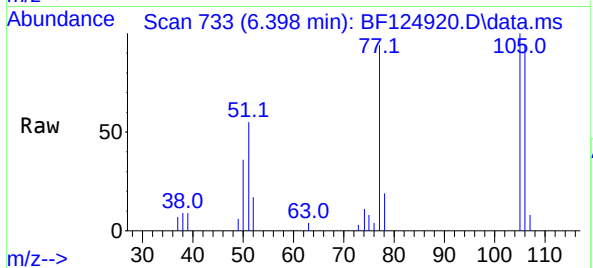
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 21453 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 30.4  | 10.5  | 50.5  |
| 64       | 49.0  | 20.3  | 60.3  |





#9  
Benzaldehyde  
Concen: 43.249 ng  
RT: 6.398 min Scan# 733  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

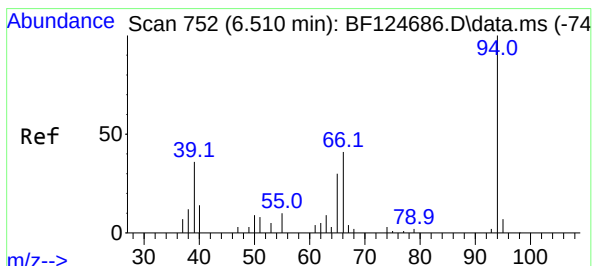
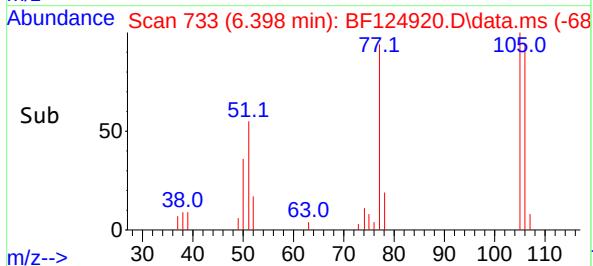
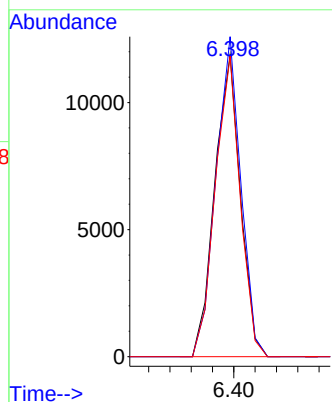


Tgt Ion: 77 Resp: 9922

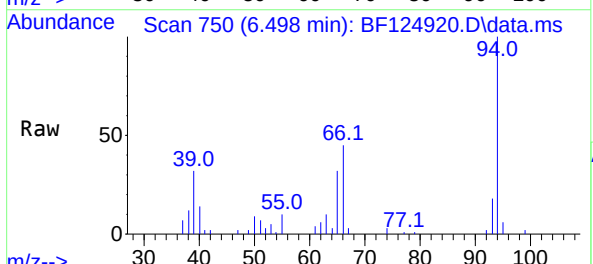
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 106.0 | 75.9  | 115.9 |
| 106 | 99.5  | 84.0  | 124.0 |

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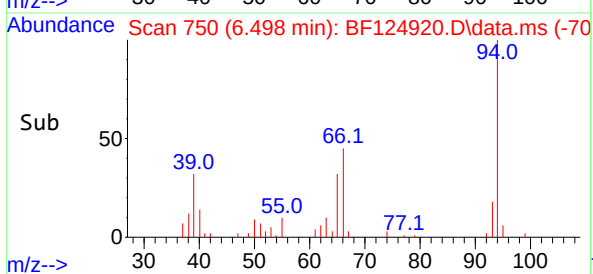
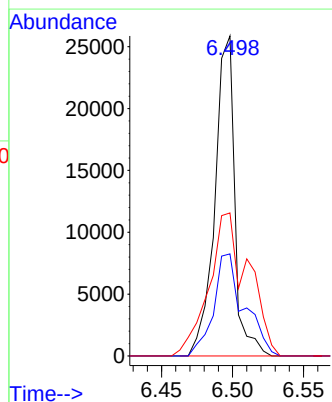


#10  
Phenol  
Concen: 62.031 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

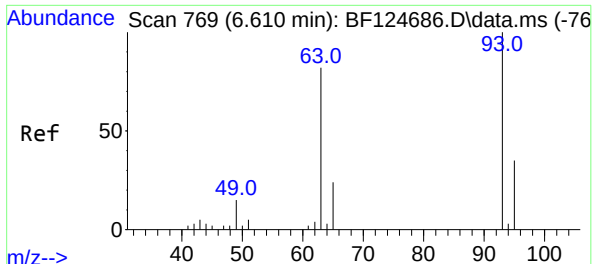


Tgt Ion: 94 Resp: 25312

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 31.9  | 9.3   | 49.3  |
| 66  | 44.7  | 20.3  | 60.3  |

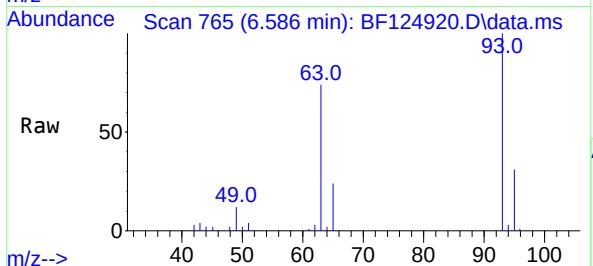






#11  
bis(2-Chloroethyl)ether  
Concen: 63.661 ng  
RT: 6.586 min Scan# 765  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

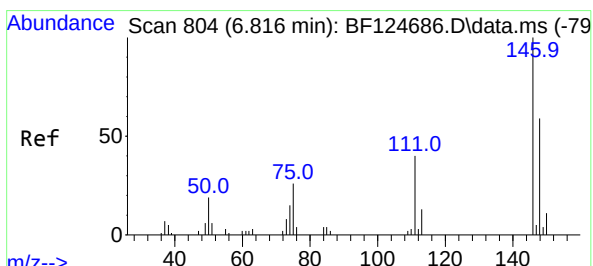
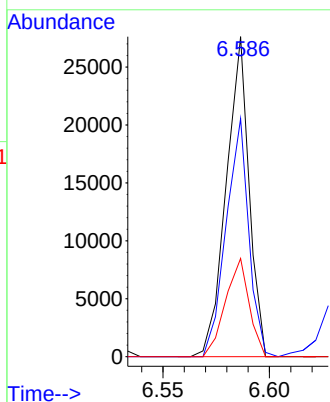
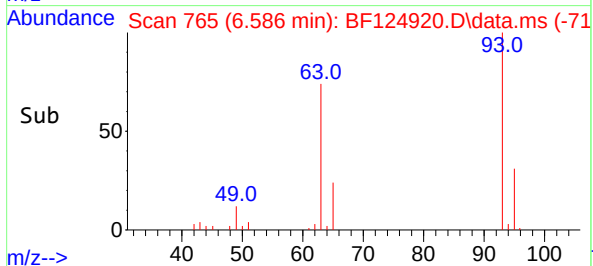
Instrument :  
BNA\_F  
ClientSampleID :  
PB138173BS



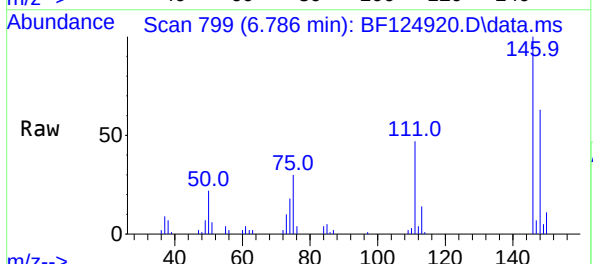
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 20597 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.4  | 54.4  | 94.4  |
| 95       | 30.7  | 11.4  | 51.4  |

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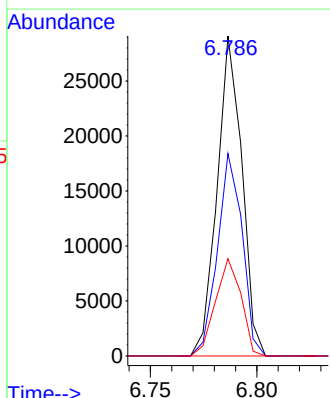
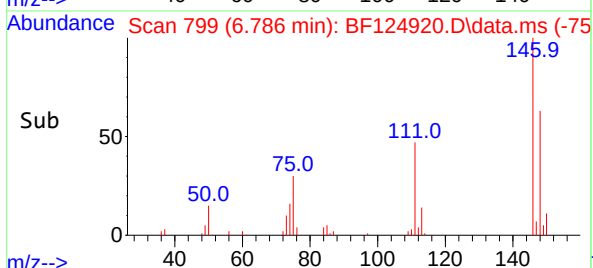
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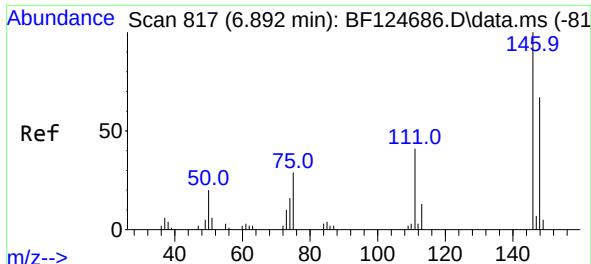


#12  
1,3-Dichlorobenzene  
Concen: 56.441 ng  
RT: 6.786 min Scan# 799  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



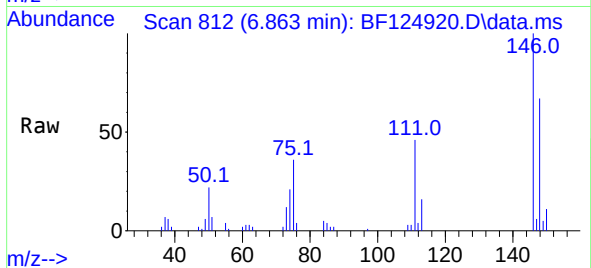
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 23517 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 63.2  | 49.7  | 74.5  |
| 75       | 30.4  | 25.2  | 37.8  |





#13  
1,4-Dichlorobenzene  
Concen: 55.798 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

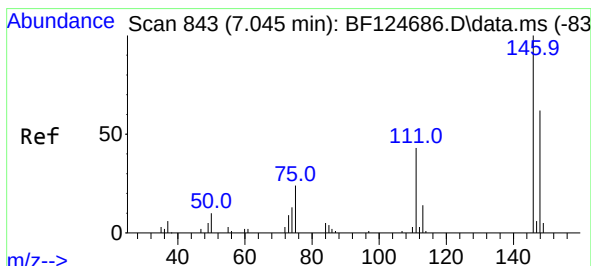
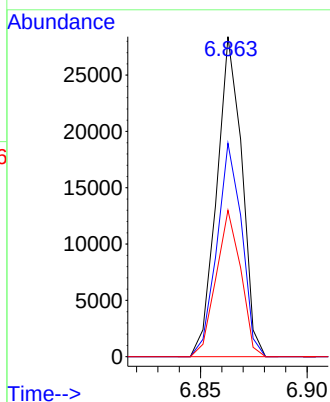
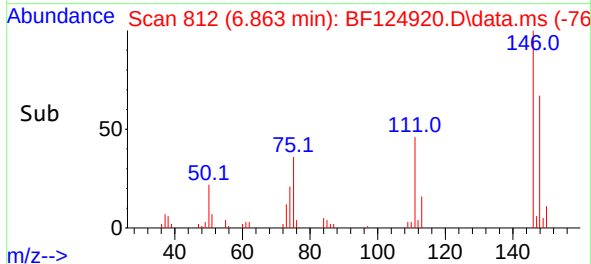
Instrument :  
BNA\_F  
ClientSampleID :  
PB138173BS



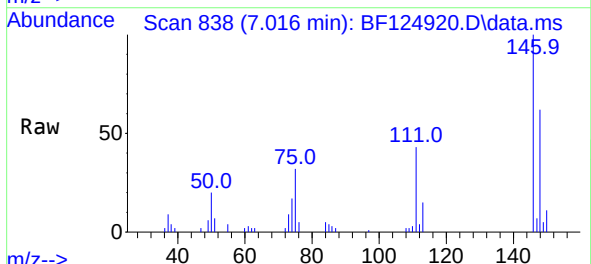
Tgt Ion:146 Resp: 23259  
Ion Ratio Lower Upper  
146 100  
148 66.7 51.9 77.9  
111 45.8 31.8 47.6

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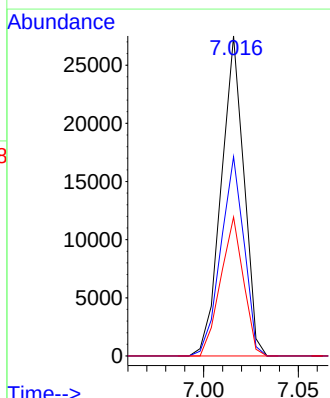
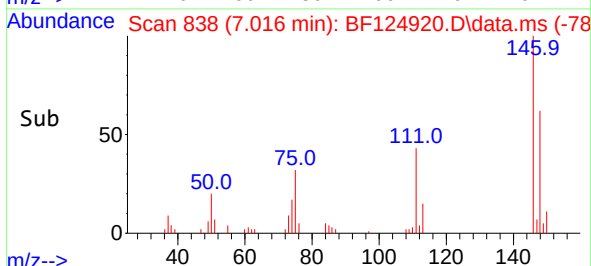
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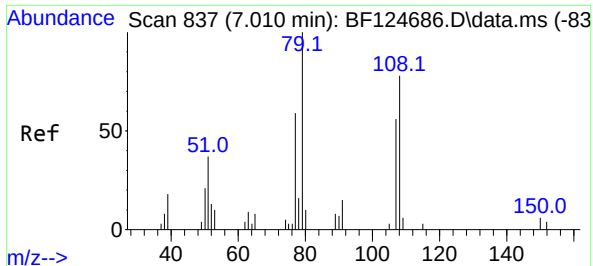


#14  
1,2-Dichlorobenzene  
Concen: 56.869 ng  
RT: 7.016 min Scan# 838  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



Tgt Ion:146 Resp: 22904  
Ion Ratio Lower Upper  
146 100  
148 62.2 50.6 75.8  
111 43.4 33.5 50.3





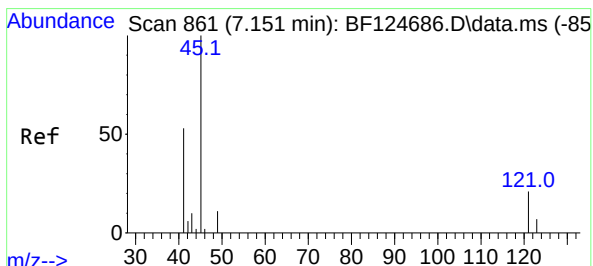
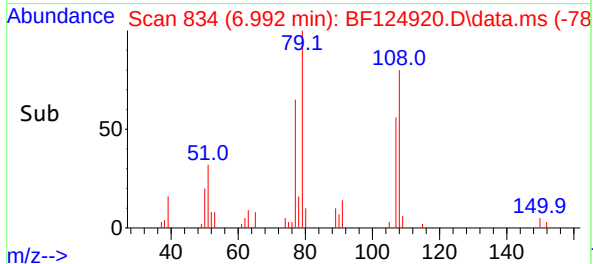
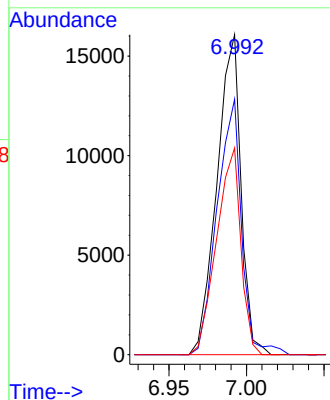
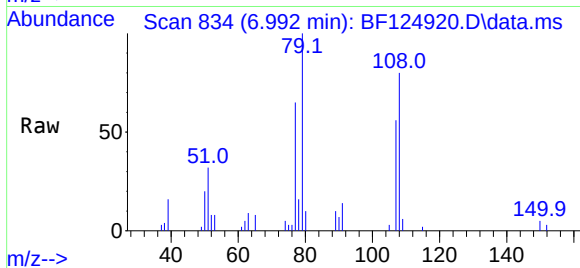
#15  
Benzyl Alcohol  
Concen: 62.000 ng  
RT: 6.992 min Scan# 834  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 17373 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 79.8  | 60.4  | 90.6  |
| 77       | 64.6  | 51.5  | 77.3  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

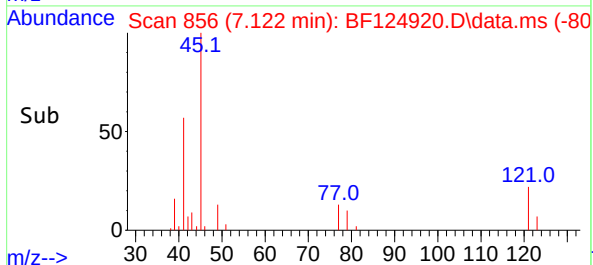
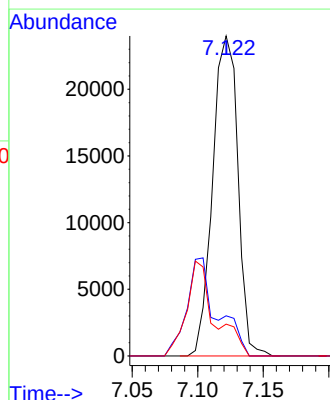
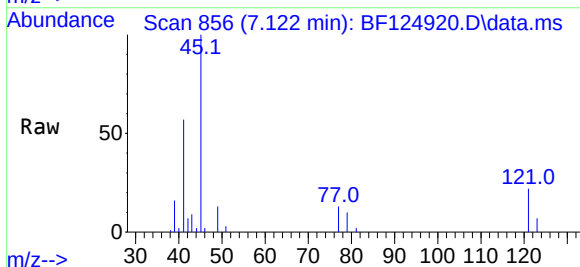
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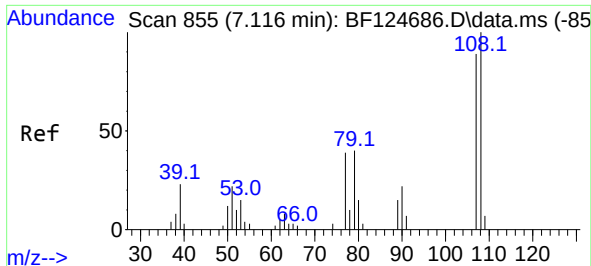
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 58.912 ng  
RT: 7.122 min Scan# 856  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 32081 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 12.6  | 0.0   | 30.6  |
| 79       | 10.0  | 0.0   | 27.5  |





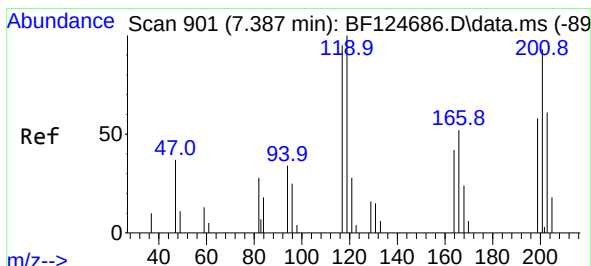
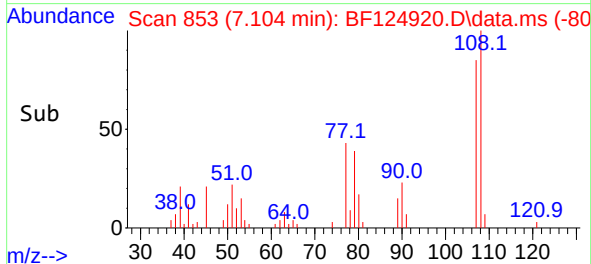
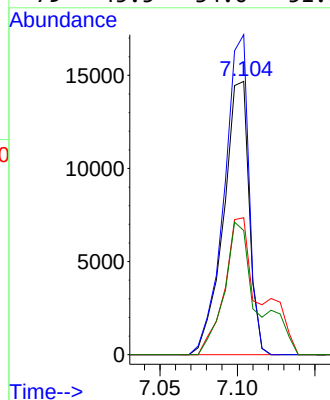
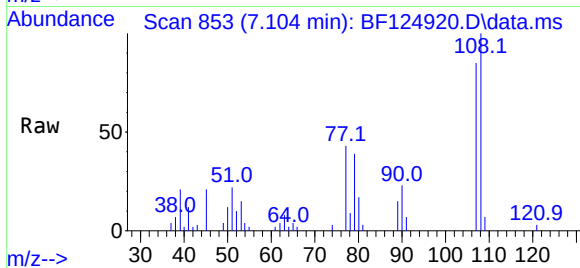
#17  
2-Methylphenol  
Concen: 60.407 ng  
RT: 7.104 min Scan# 853  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 16871 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 117.1 | 90.6  | 135.8 |
| 77       | 50.1  | 35.7  | 53.5  |
| 79       | 45.5  | 34.0  | 51.0  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

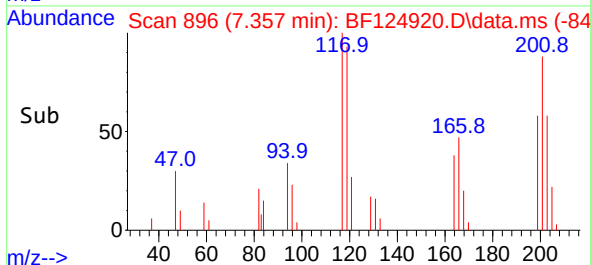
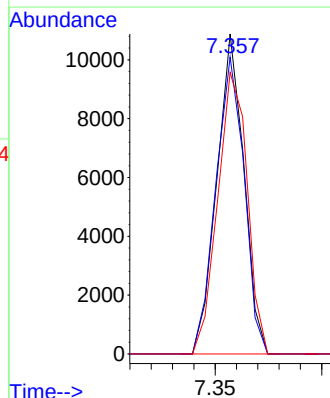
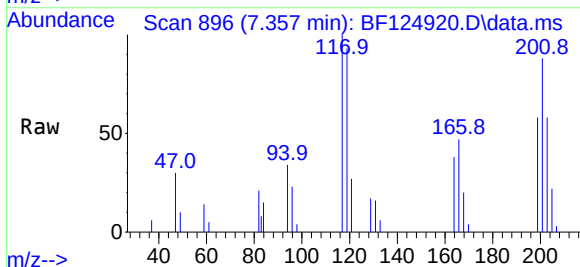
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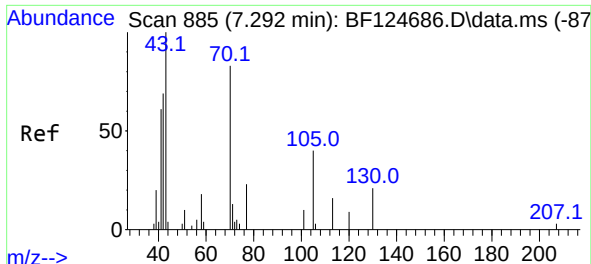
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#18  
Hexachloroethane  
Concen: 60.894 ng  
RT: 7.357 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

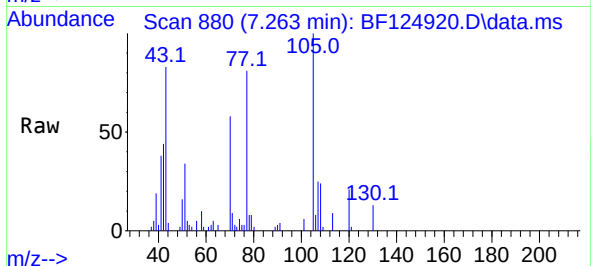
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 9621  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.8  | 73.4  | 110.2 |
| 201      | 88.0  | 64.9  | 97.3  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 66.134 ng  
RT: 7.263 min Scan# 880  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

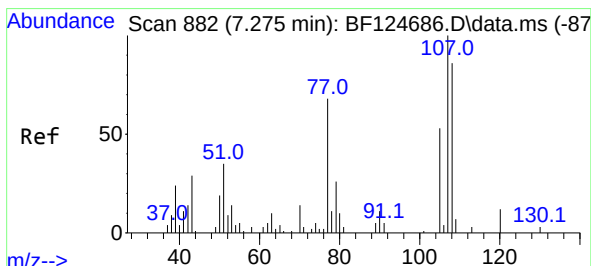
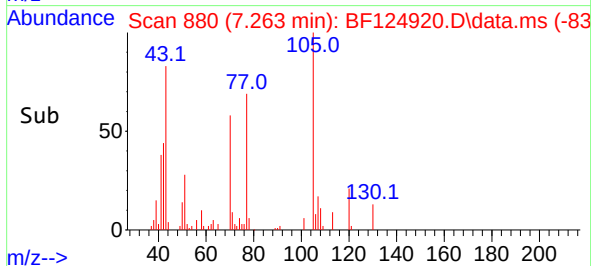
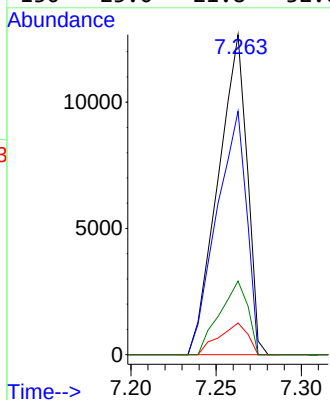
Instrument :  
BNA\_F  
ClientSampleId :  
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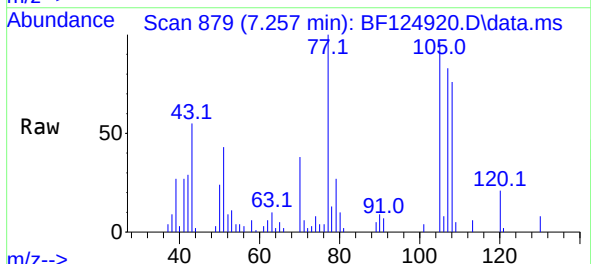
Tgt Ion: 70 Resp: 15048  
Ion Ratio Lower Upper  
70 100  
42 76.0 72.2 108.2  
101 9.9 7.8 11.8  
130 23.0 21.8 32.6

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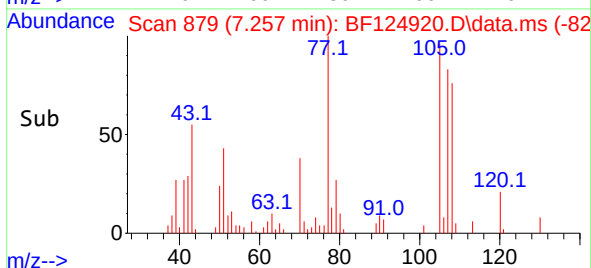
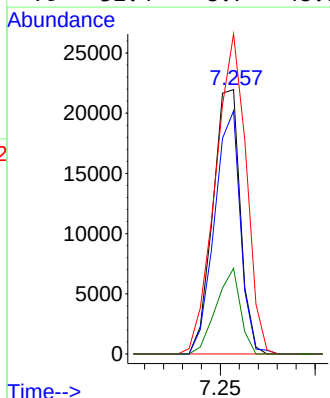
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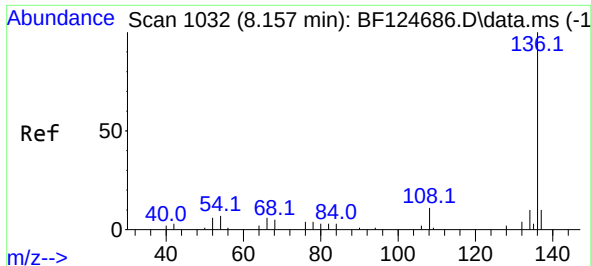


#20  
3+4-Methylphenols  
Concen: 59.875 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

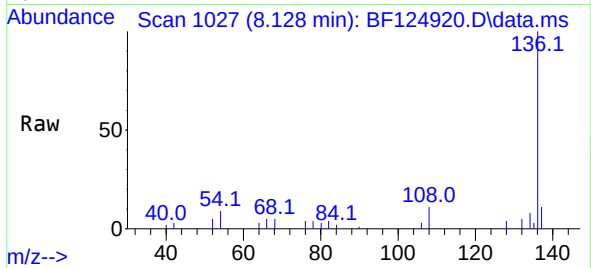


Tgt Ion: 107 Resp: 22094  
Ion Ratio Lower Upper  
107 100  
108 91.9 76.6 116.6  
77 121.1 53.3 93.3#  
79 32.4 8.7 48.7

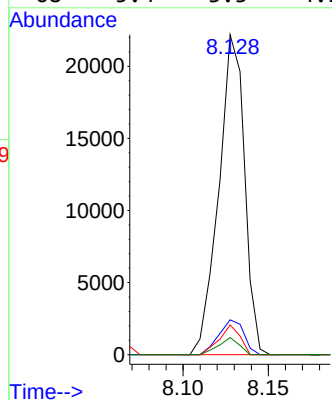




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



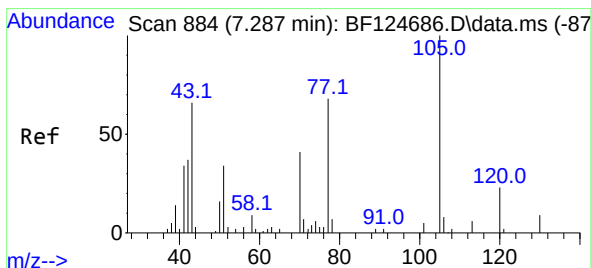
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 23348 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.9  | 9.8   | 14.6  |
| 54        | 9.3   | 6.4   | 9.6   |
| 68        | 5.4   | 3.3   | 4.9#  |



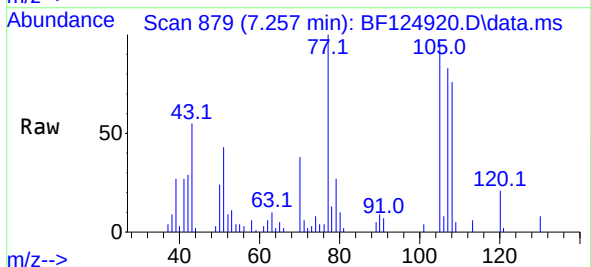
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

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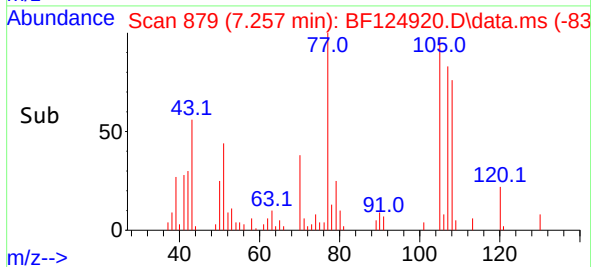
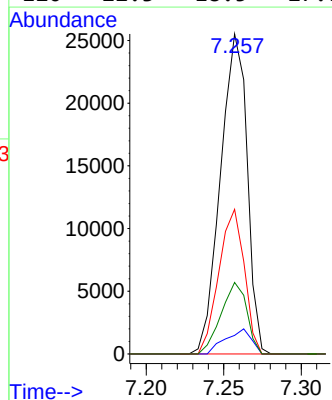
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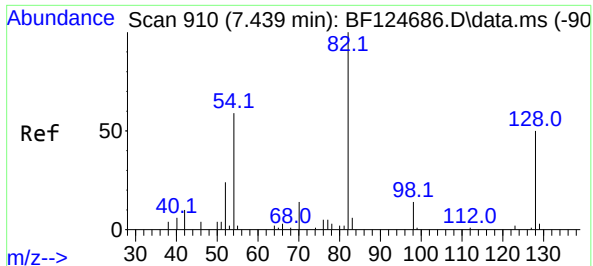


#22  
Acetophenone  
Concen: 56.408 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 30520 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 5.8   | 5.5   | 8.3   |
| 51        | 45.2  | 26.0  | 39.0# |
| 120       | 22.3  | 18.5  | 27.7  |





#23

Nitrobenzene-d5

Concen: 88.616 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF124920.D

Acq: 3 Aug 2021 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 34763 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.5  | 40.6  | 60.8  |
| 54       | 56.7  | 49.6  | 74.4  |

Instrument :

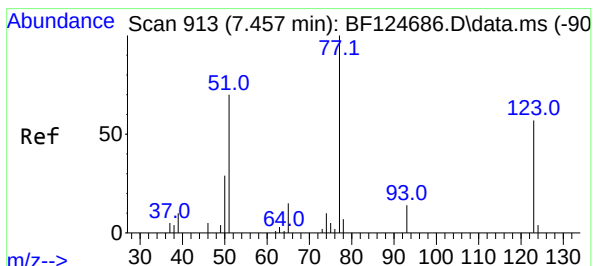
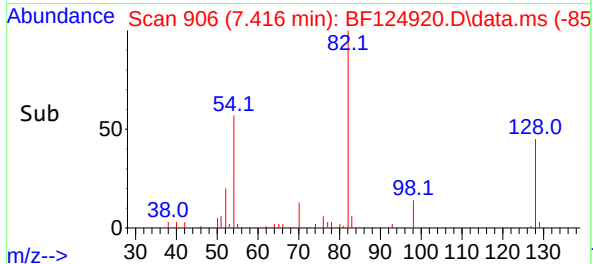
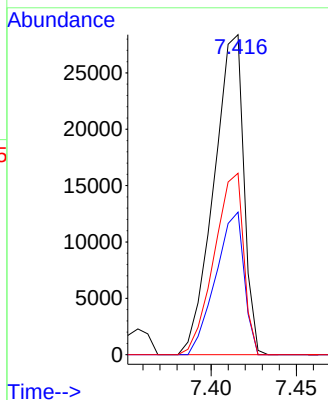
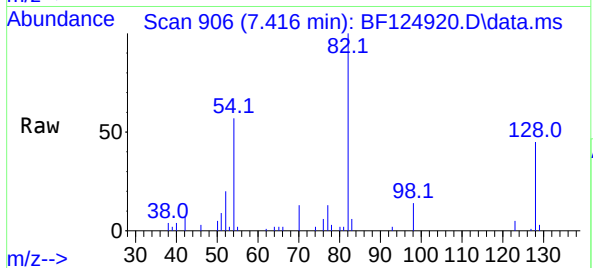
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ClientSampleId :

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#24

Nitrobenzene

Concen: 57.457 ng

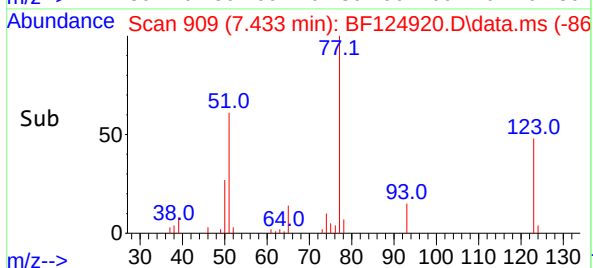
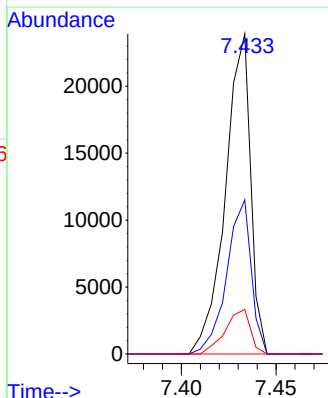
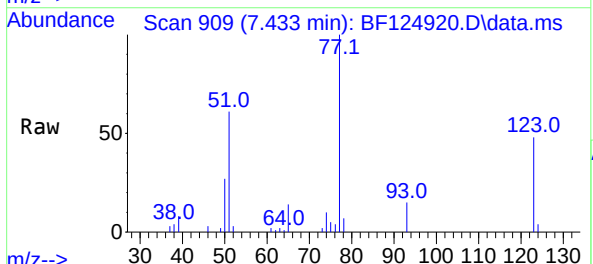
RT: 7.433 min Scan# 909

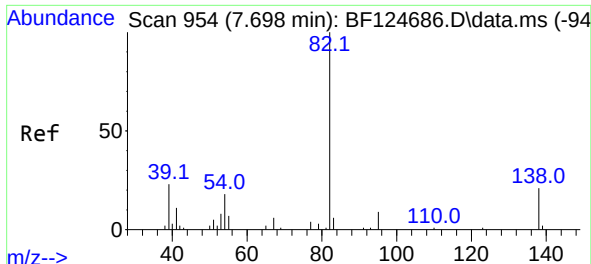
Delta R.T. -0.012 min

Lab File: BF124920.D

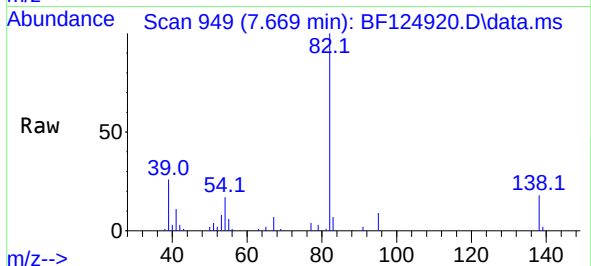
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 22098 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 48.1  | 42.3  | 63.5  |
| 65       | 13.9  | 12.4  | 18.6  |

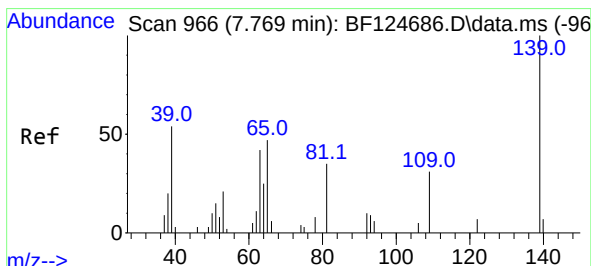
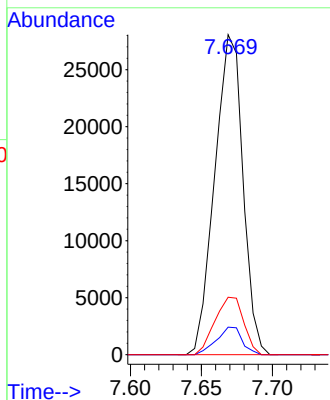
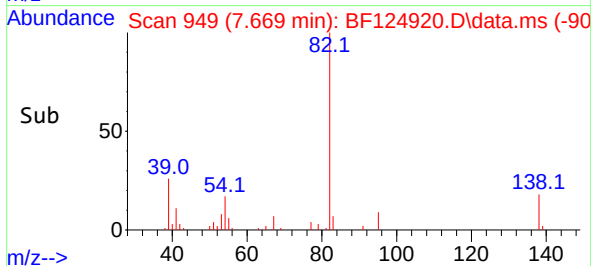




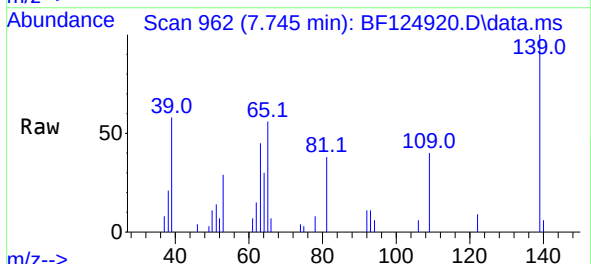
#25  
Isophorone  
Concen: 55.879 ng  
RT: 7.669 min Scan# 949  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



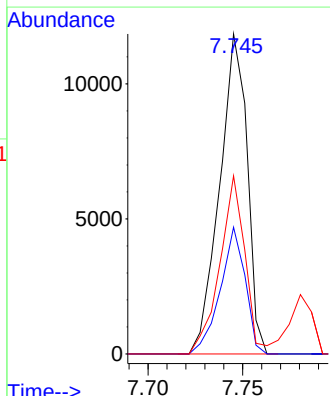
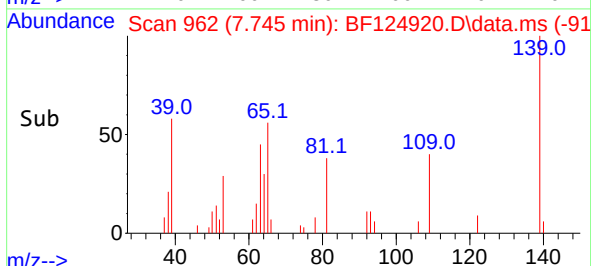
Tgt Ion: 82 Resp: 38760  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.5 9.7  
138 17.9 18.4 27.6#



#26  
2-Nitrophenol  
Concen: 56.136 ng  
RT: 7.745 min Scan# 962  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



Tgt Ion: 139 Resp: 11958  
Ion Ratio Lower Upper  
139 100  
109 39.6 26.0 39.0#  
65 55.7 31.0 46.4#

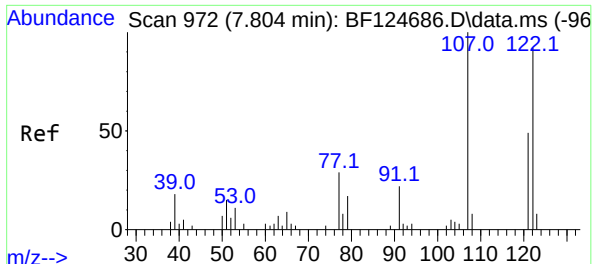


Instrument :  
BNA\_F  
ClientSampleId :  
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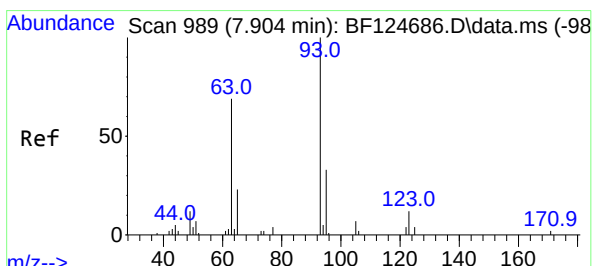
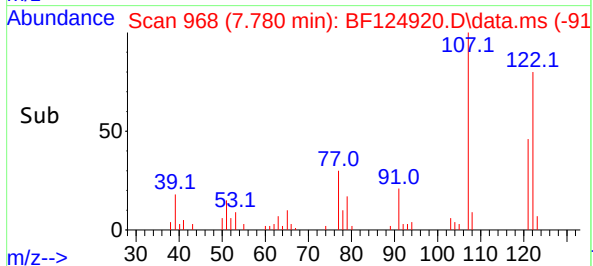
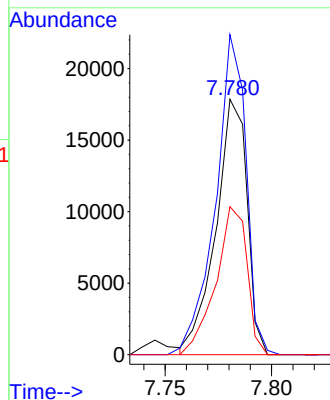
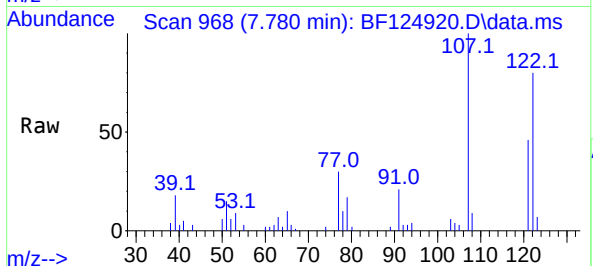
#27  
2,4-Dimethylphenol  
Concen: 55.452 ng  
RT: 7.780 min Scan# 968  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:122 Resp: 18176  
Ion Ratio Lower Upper  
122 100  
107 125.3 85.0 127.6  
121 57.9 43.3 64.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

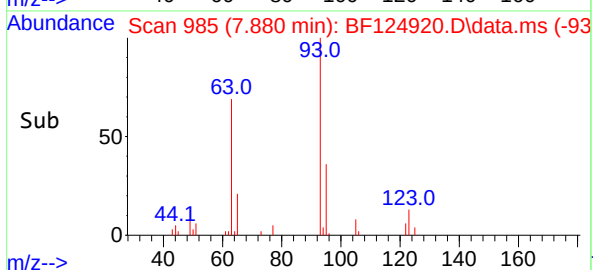
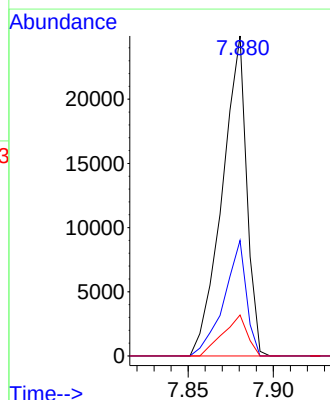
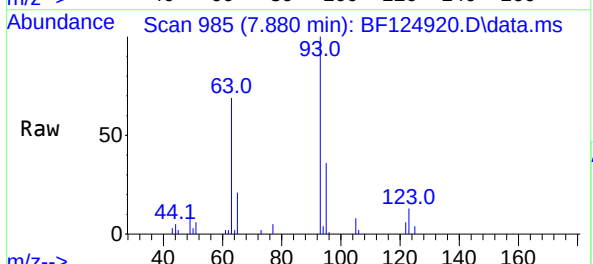
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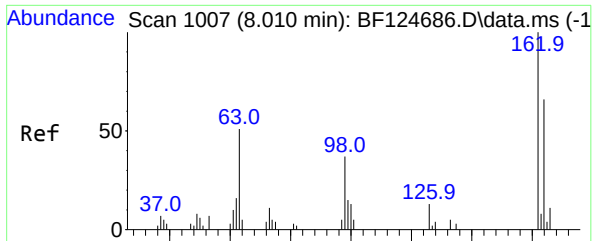
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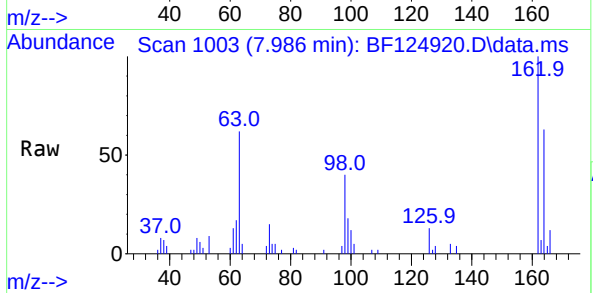
#28  
bis(2-Chloroethoxy)methane  
Concen: 61.688 ng  
RT: 7.880 min Scan# 985  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion: 93 Resp: 24866  
Ion Ratio Lower Upper  
93 100  
95 36.1 26.1 39.1  
123 12.8 11.7 17.5

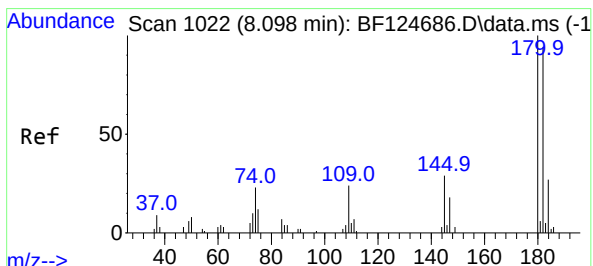
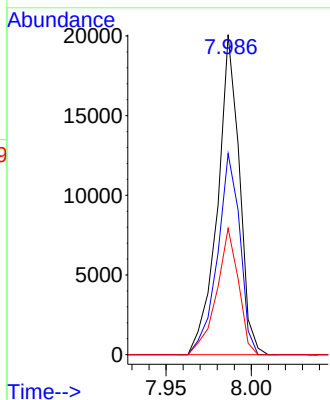
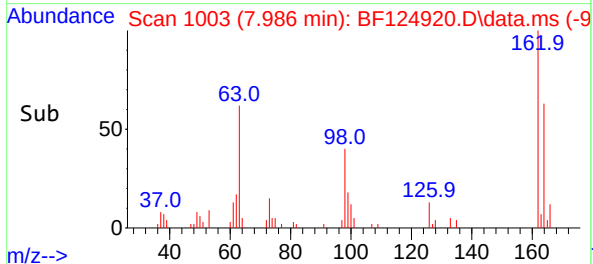




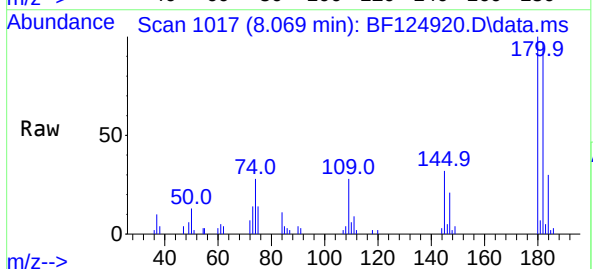
#29  
2,4-Dichlorophenol  
Concen: 51.458 ng  
RT: 7.986 min Scan# 1003  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



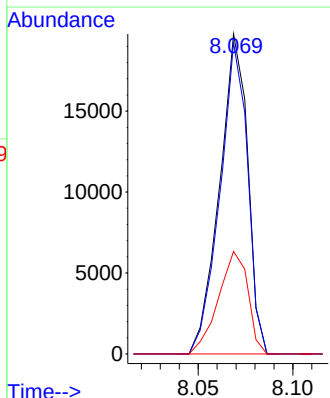
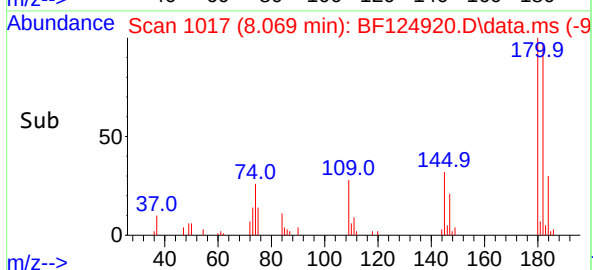
Tgt Ion:162 Resp: 17863  
Ion Ratio Lower Upper  
162 100  
164 62.8 44.5 84.5  
98 39.5 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 53.602 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



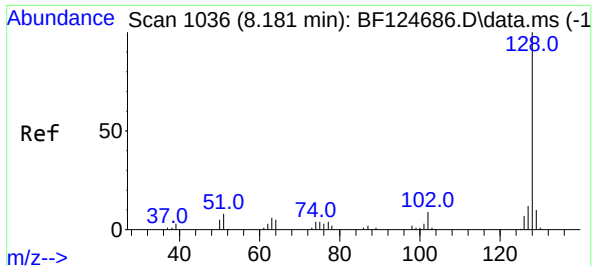
Tgt Ion:180 Resp: 20394  
Ion Ratio Lower Upper  
180 100  
182 97.2 76.8 115.2  
145 32.1 26.7 40.1



Instrument :  
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ClientSampled :  
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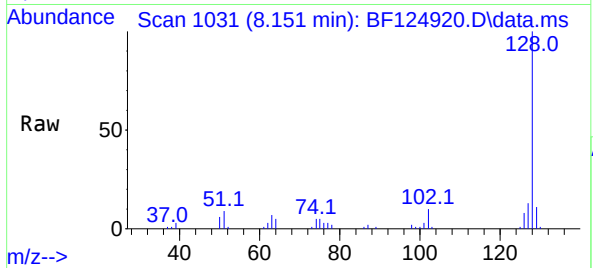
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#31  
Naphthalene  
Concen: 51.766 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

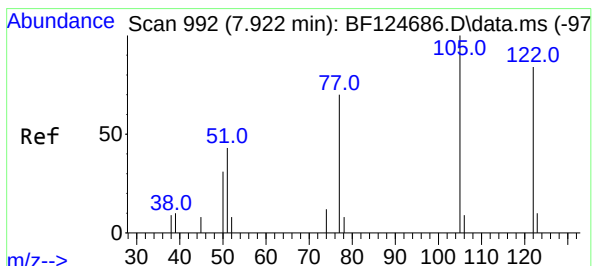
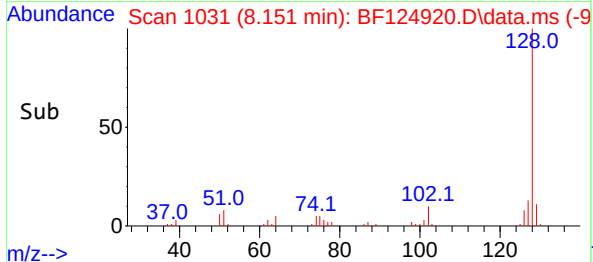
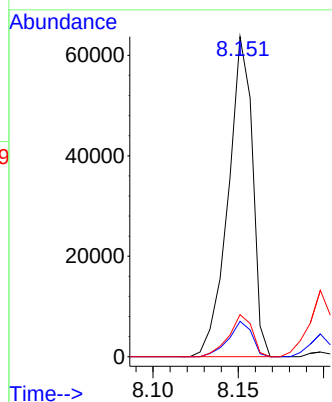
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:128 Resp: 63075  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.4 14.0  
127 13.2 10.9 16.3

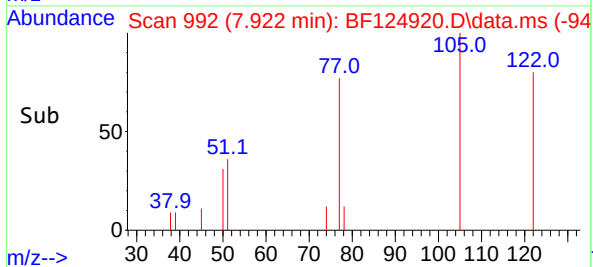
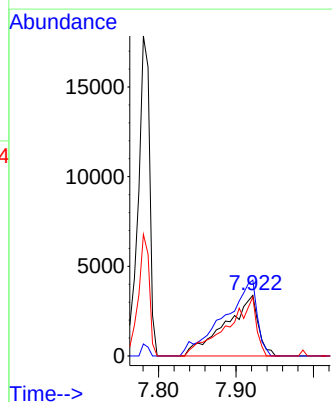
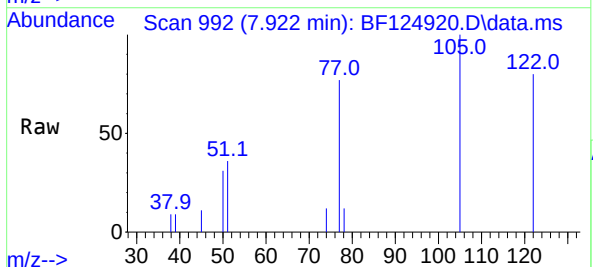
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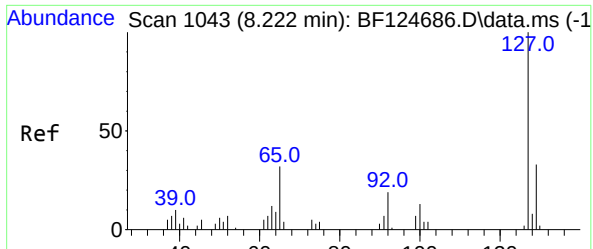
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#32  
Benzoic acid  
Concen: 39.459 ng  
RT: 7.922 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

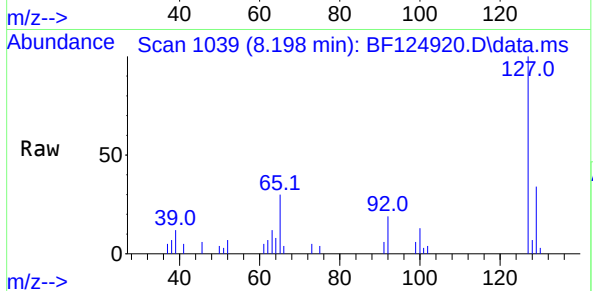
Tgt Ion:122 Resp: 10011  
Ion Ratio Lower Upper  
122 100  
105 125.1 97.6 137.6  
77 97.0 59.6 99.6





#33  
4-Chloroaniline  
Concen: 26.651 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

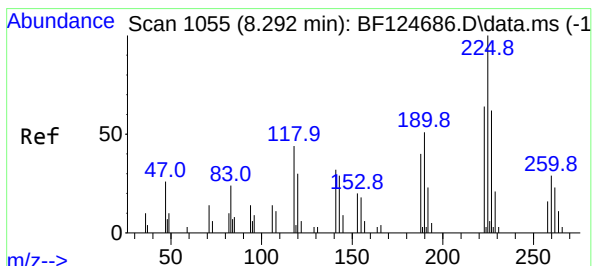
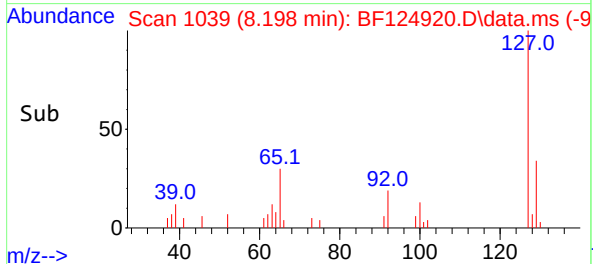
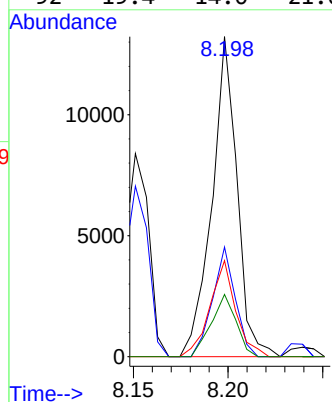
Instrument :  
BNA\_F  
ClientSampleId :  
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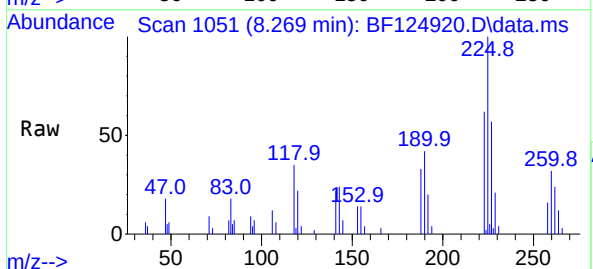
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 12211 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.2  | 25.7  | 38.5  |
| 65       | 30.0  | 21.2  | 31.8  |
| 92       | 19.4  | 14.0  | 21.0  |

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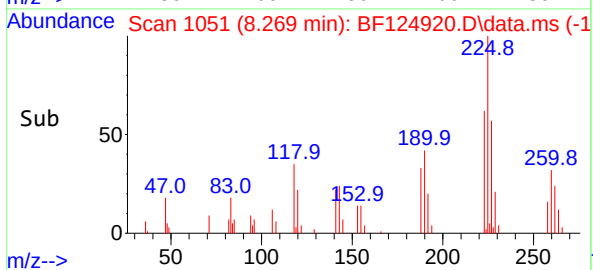
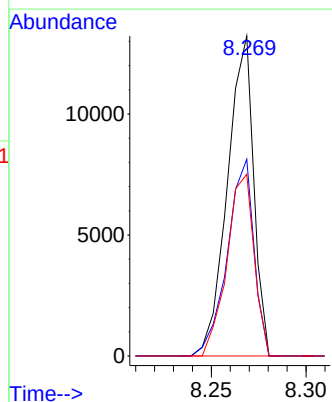
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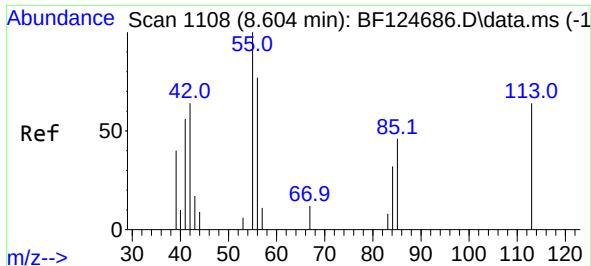


#34  
Hexachlorobutadiene  
Concen: 55.863 ng  
RT: 8.269 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 12705 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.5  | 50.6  | 76.0  |
| 227      | 56.8  | 50.6  | 75.8  |





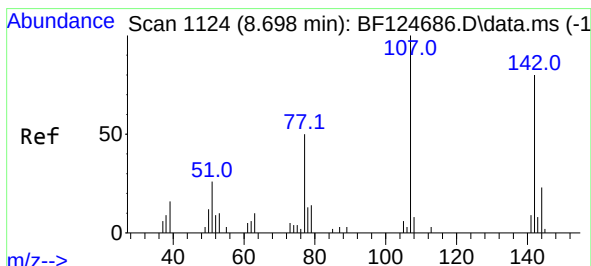
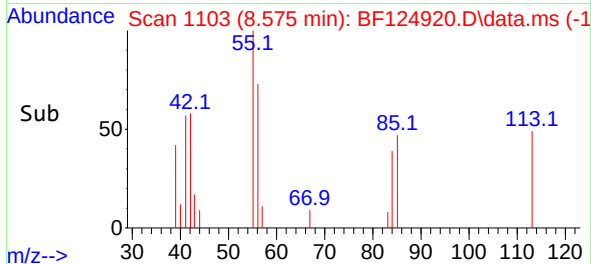
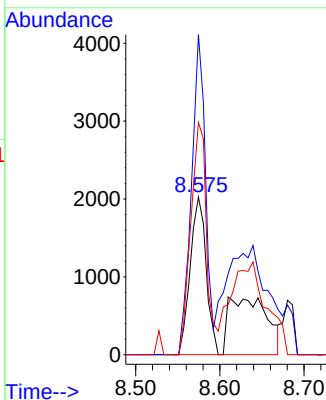
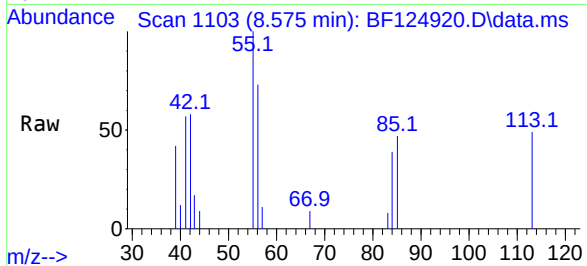
#35  
Caprolactam  
Concen: 55.461 ng m  
RT: 8.575 min Scan# 1103  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:113 Resp: 5004  
Ion Ratio Lower Upper  
113 100  
55 203.1 154.1 194.1#  
56 147.3 108.7 148.7

Instrument :  
BNA\_F  
ClientSampled :  
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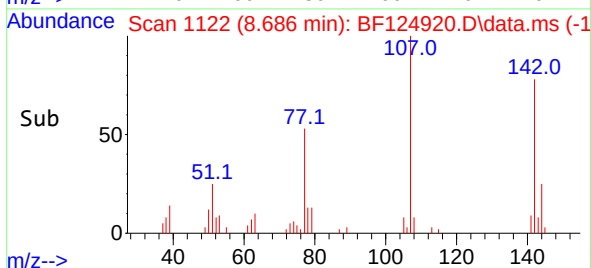
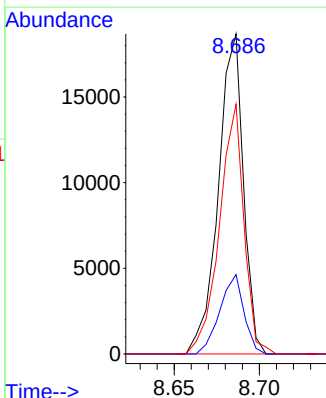
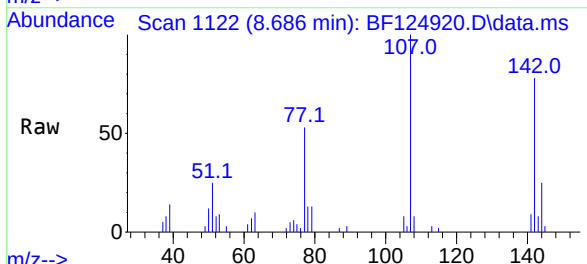
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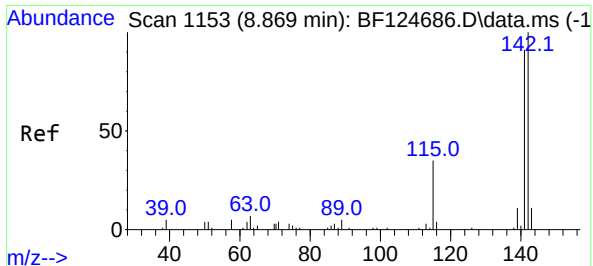
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#36  
4-Chloro-3-methylphenol  
Concen: 57.778 ng  
RT: 8.686 min Scan# 1122  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:107 Resp: 19131  
Ion Ratio Lower Upper  
107 100  
144 24.8 21.9 32.9  
142 78.0 67.1 100.7





#37

2-Methylnaphthalene

Concen: 53.060 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF124920.D

Acq: 3 Aug 2021 17:45

Tgt Ion:142 Resp: 43198

Ion Ratio Lower Upper

142 100

141 88.1 71.2 106.8

Instrument :

BNA\_F

ClientSampled :

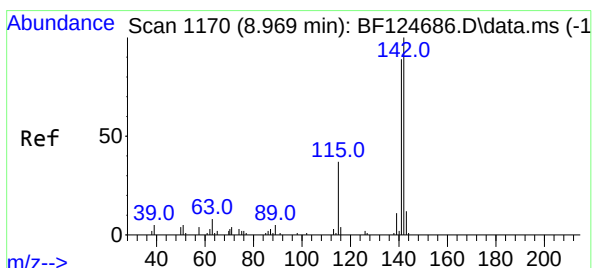
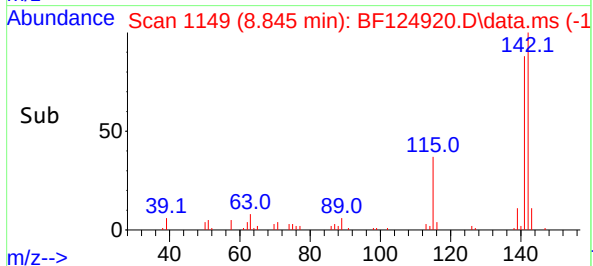
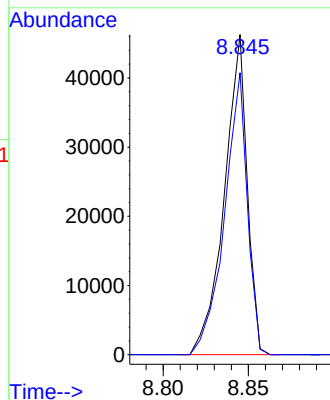
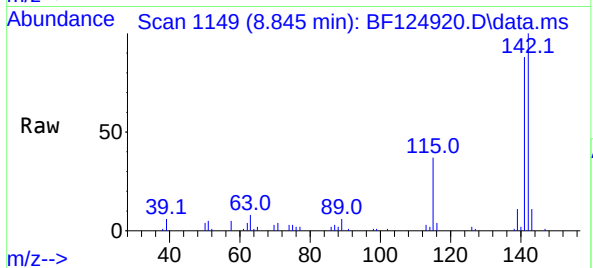
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#38

1-Methylnaphthalene

Concen: 50.669 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF124920.D

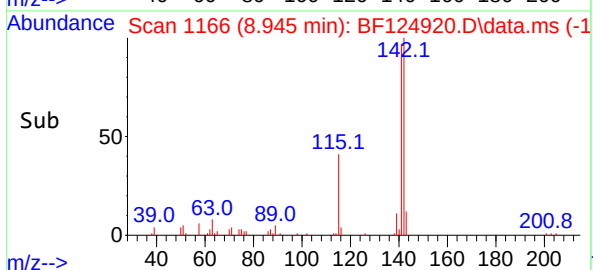
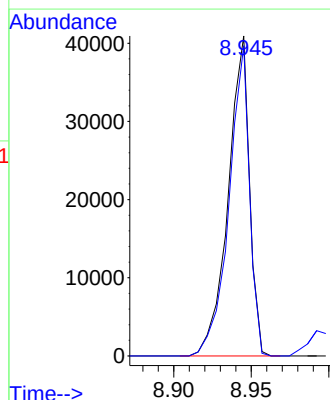
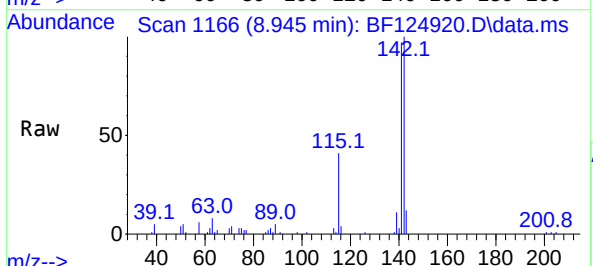
Acq: 3 Aug 2021 17:45

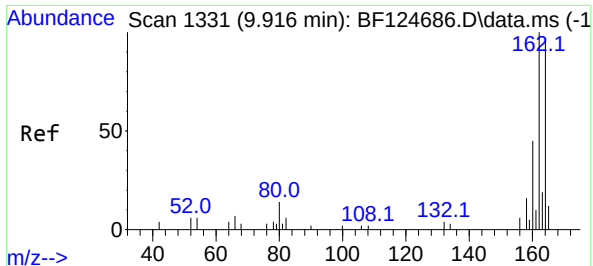
Tgt Ion:142 Resp: 39079

Ion Ratio Lower Upper

142 100

141 97.0 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF124920.D

Acq: 3 Aug 2021 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 13630 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 101.9 | 81.3  | 121.9 |
| 160      | 42.7  | 38.0  | 57.0  |

Instrument :

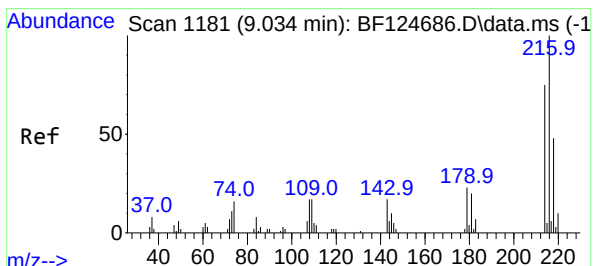
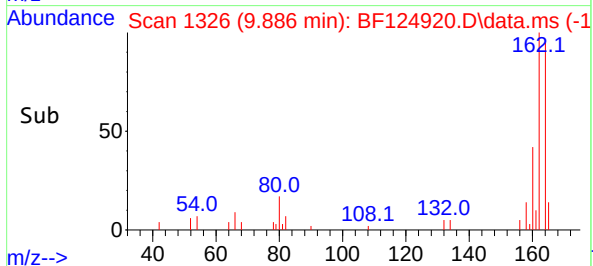
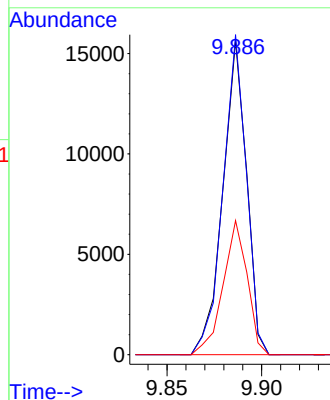
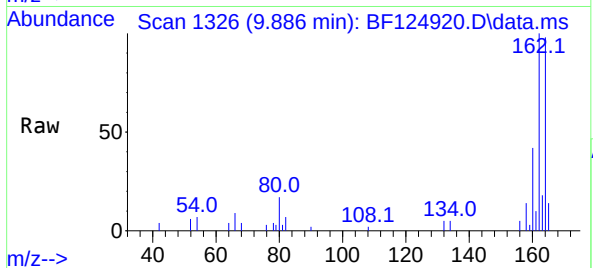
BNA\_F

ClientSampleId :

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.314 ng

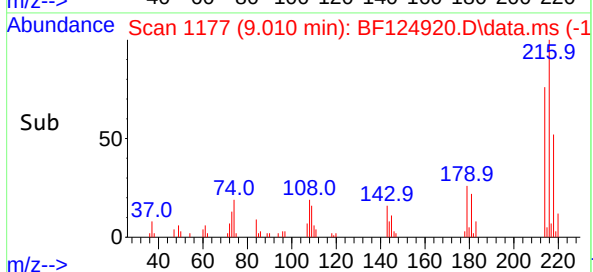
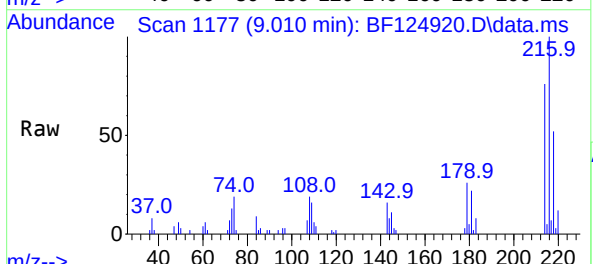
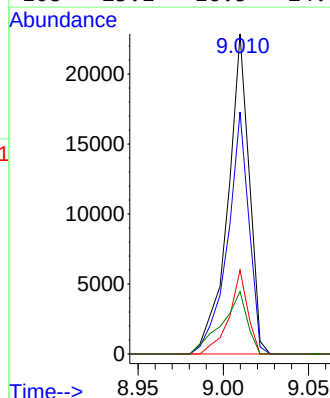
RT: 9.010 min Scan# 1177

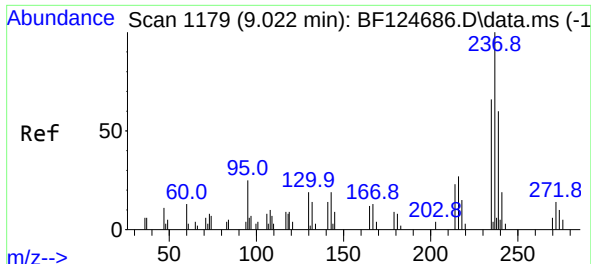
Delta R.T. -0.006 min

Lab File: BF124920.D

Acq: 3 Aug 2021 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 19895 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 75.2  | 64.9  | 97.3  |
| 179      | 22.6  | 17.4  | 26.2  |
| 108      | 23.1  | 16.5  | 24.7  |





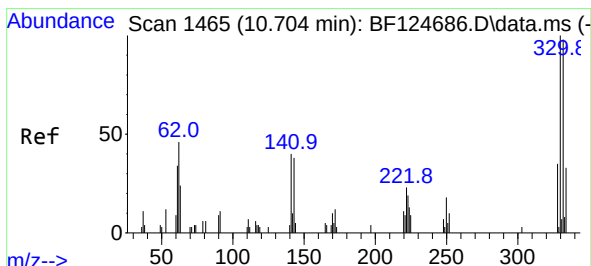
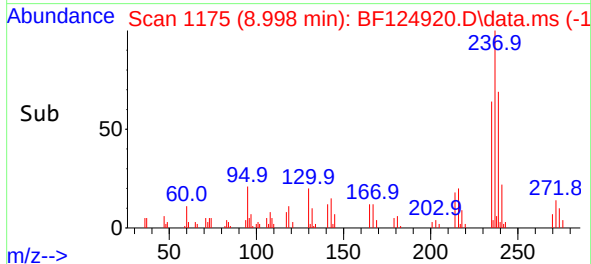
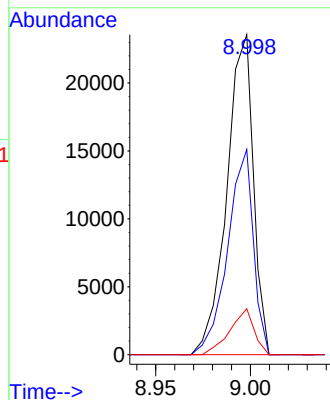
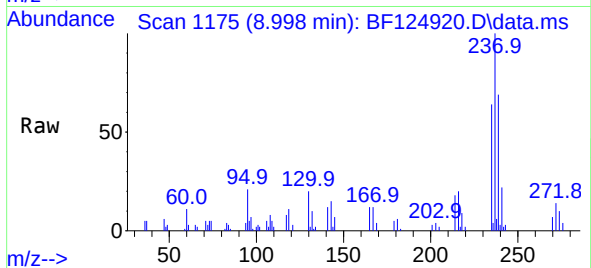
#41  
Hexachlorocyclopentadiene  
Concen: 102.023 ng  
RT: 8.998 min Scan# 1175  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 22955 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 64.1  | 44.7  | 84.7  |
| 272       | 14.3  | 0.0   | 31.6  |

Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS

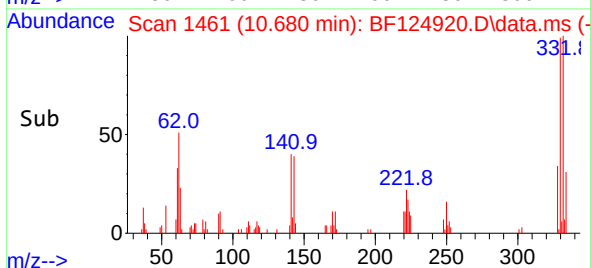
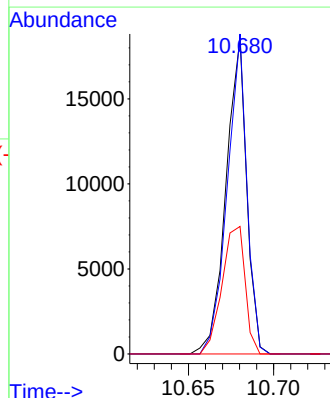
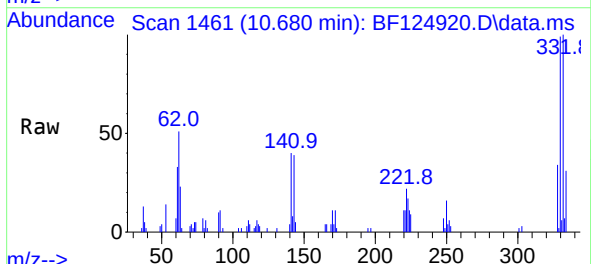
Manual Integrations  
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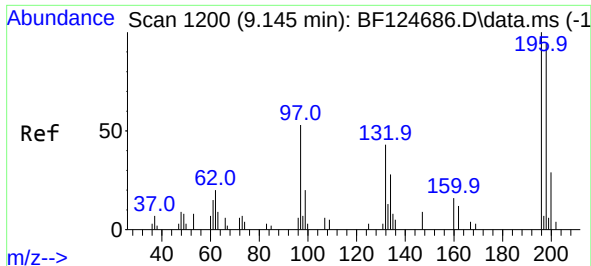


#42  
2,4,6-Tribromophenol  
Concen: 133.969 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 15678 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 95.5  | 76.2  | 114.4 |
| 141       | 45.0  | 44.6  | 66.8  |

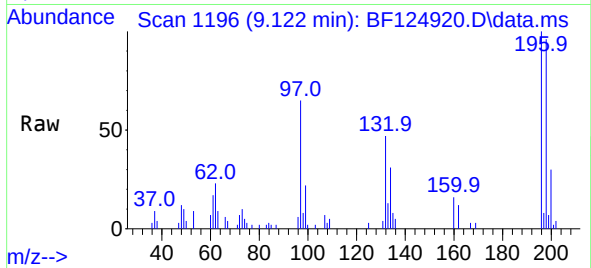






#43  
2,4,6-Trichlorophenol  
Concen: 47.394 ng  
RT: 9.122 min Scan# 1196  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

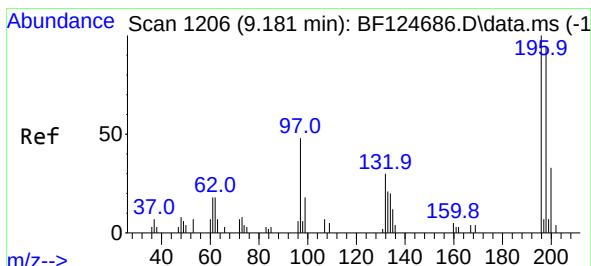
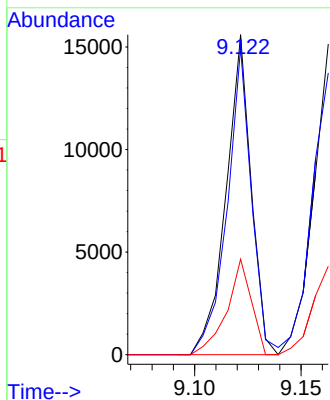
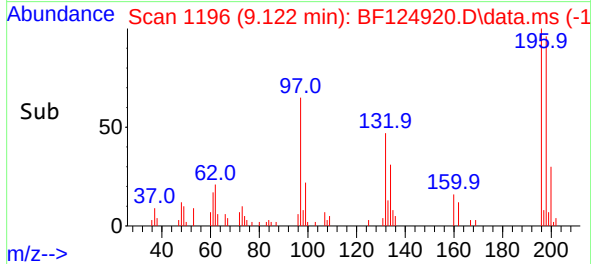
Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS



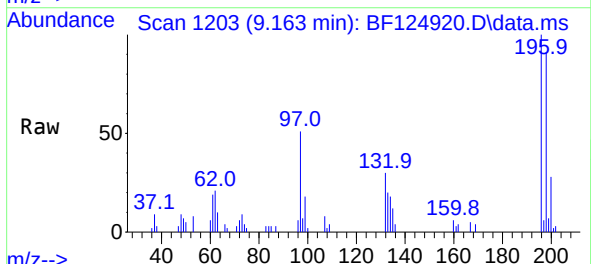
Tgt Ion:196 Resp: 12795  
Ion Ratio Lower Upper  
196 100  
198 96.0 74.9 112.3  
200 29.8 27.0 40.4

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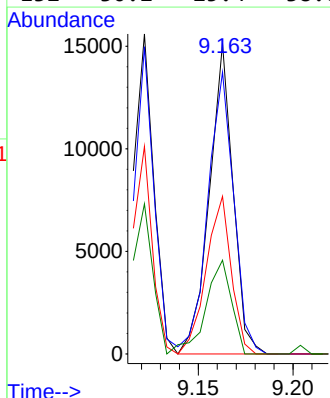
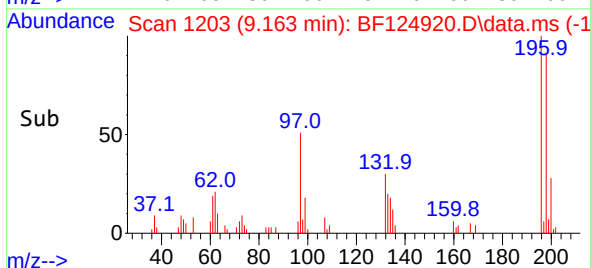
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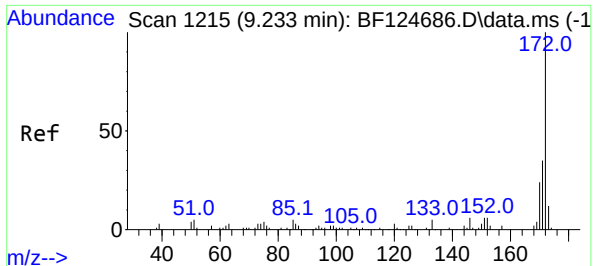


#44  
2,4,5-Trichlorophenol  
Concen: 47.558 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



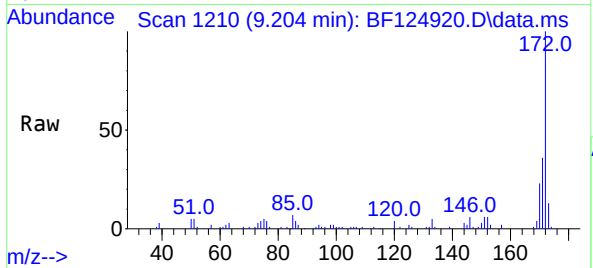
Tgt Ion:196 Resp: 13183  
Ion Ratio Lower Upper  
196 100  
198 90.7 80.2 120.2  
97 50.7 44.0 66.0  
132 30.2 25.4 38.0





#45  
2-Fluorobiphenyl  
Concen: 75.023 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

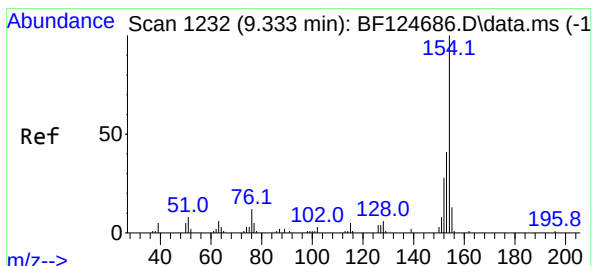
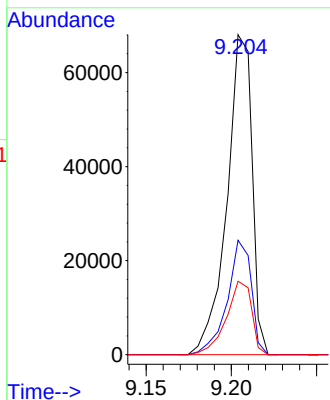
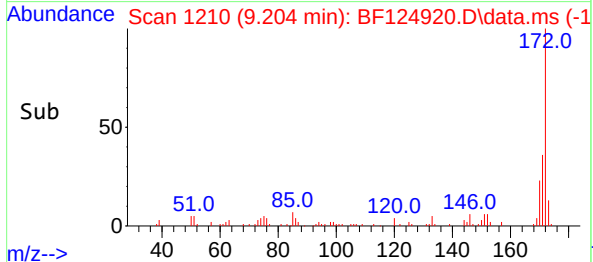
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS



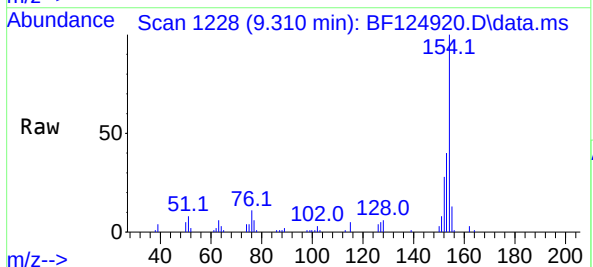
Tgt Ion:172 Resp: 69621  
Ion Ratio Lower Upper  
172 100  
171 35.8 26.5 39.7  
170 22.9 18.8 28.2

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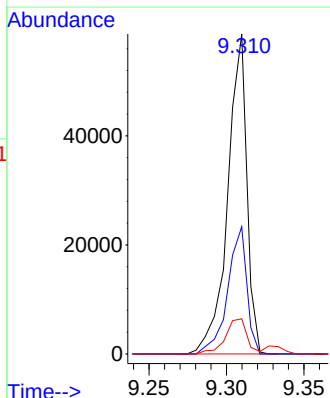
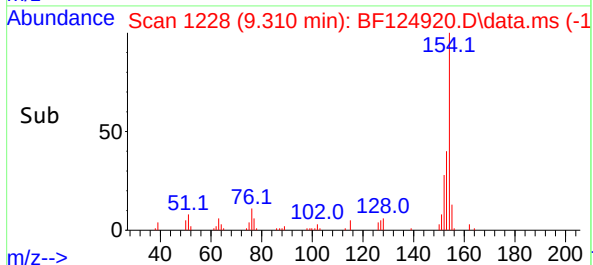
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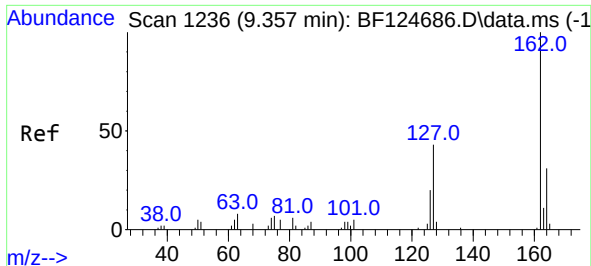


#46  
1,1'-Biphenyl  
Concen: 49.565 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



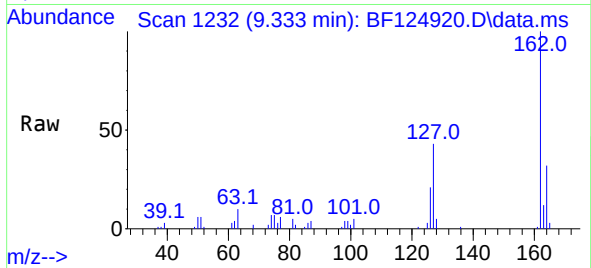
Tgt Ion:154 Resp: 50428  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.0 60.0  
76 11.0 0.0 30.3





#47  
2-Chloronaphthalene  
Concen: 49.757 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

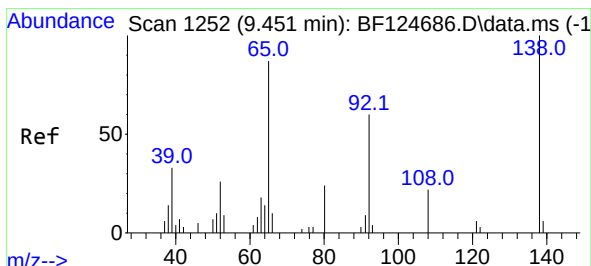
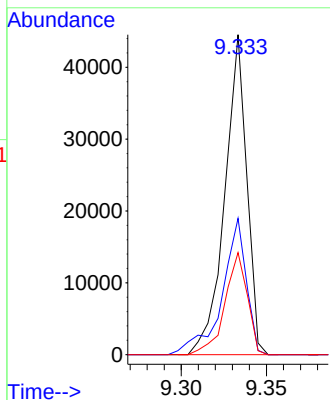
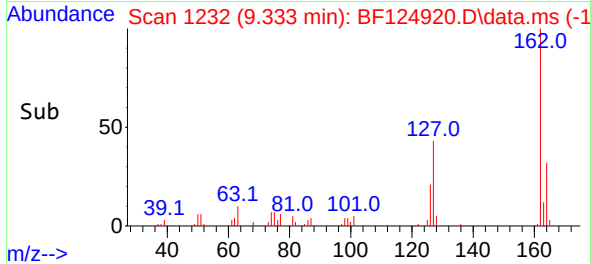
Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS



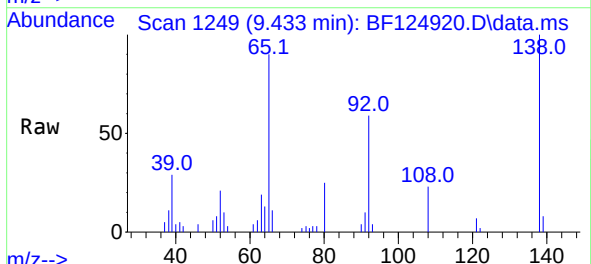
Tgt Ion:162 Resp: 40075  
Ion Ratio Lower Upper  
162 100  
127 42.6 33.0 49.4  
164 31.9 25.8 38.8

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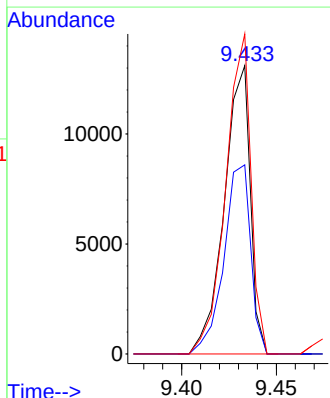
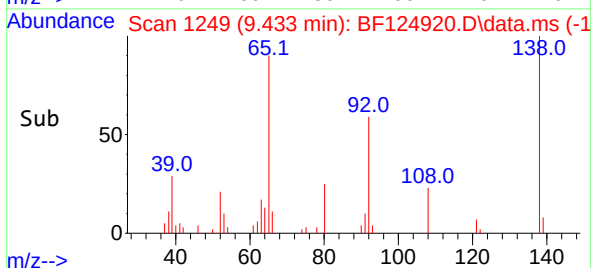
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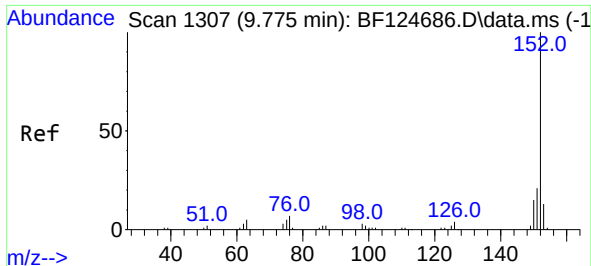


#48  
2-Nitroaniline  
Concen: 59.101 ng  
RT: 9.433 min Scan# 1249  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



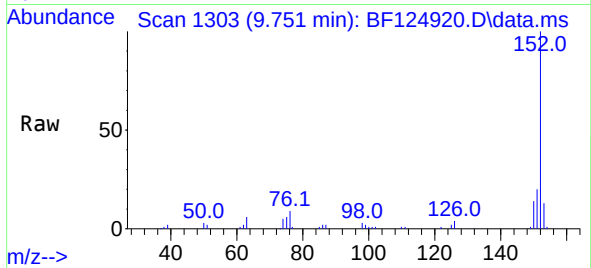
Tgt Ion: 65 Resp: 12464  
Ion Ratio Lower Upper  
65 100  
92 65.6 55.5 83.3  
138 111.0 93.5 140.3





#49  
Acenaphthylene  
Concen: 51.163 ng  
RT: 9.751 min Scan# 1303  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

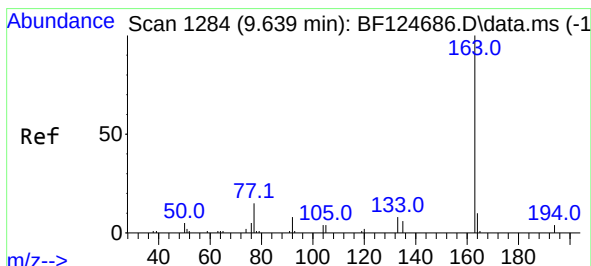
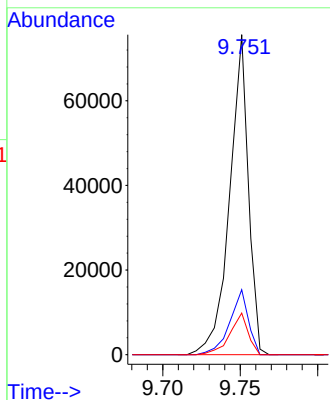
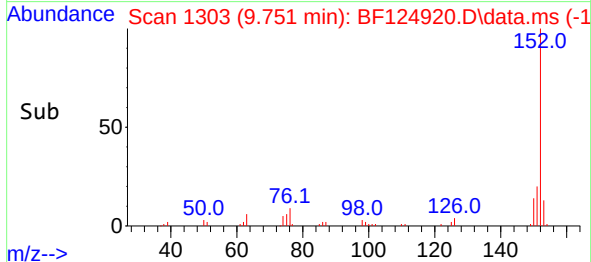
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS



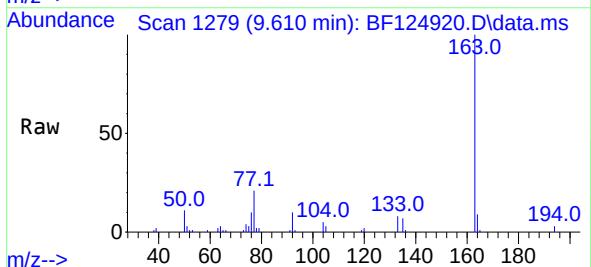
Tgt Ion:152 Resp: 63547  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.7 23.5  
153 13.0 9.8 14.8

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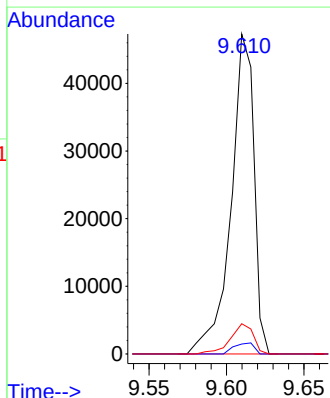
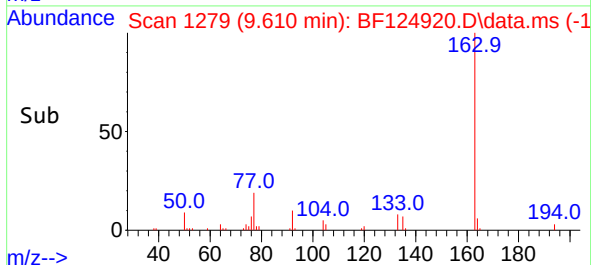
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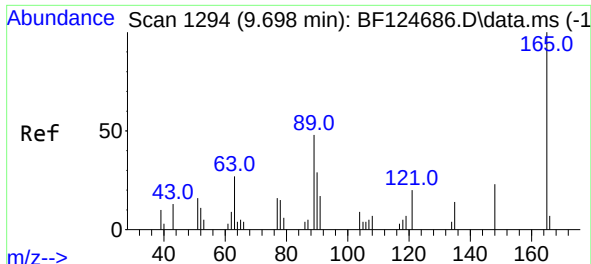


#50  
Dimethylphthalate  
Concen: 51.773 ng  
RT: 9.610 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



Tgt Ion:163 Resp: 48590  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.6 3.8  
164 9.5 7.4 11.0





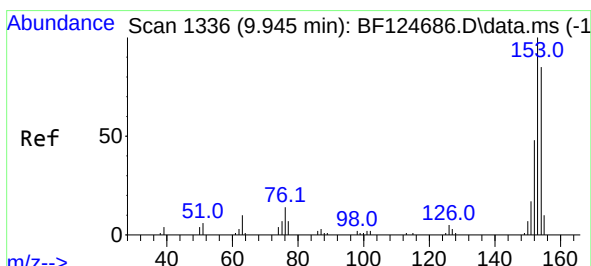
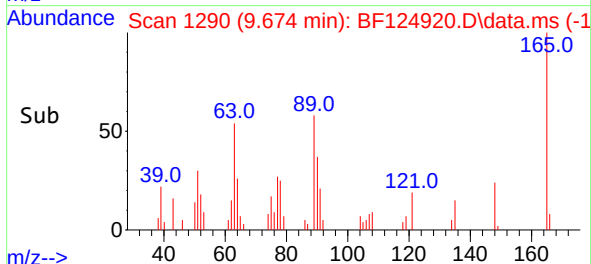
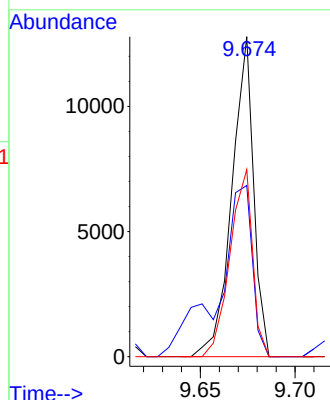
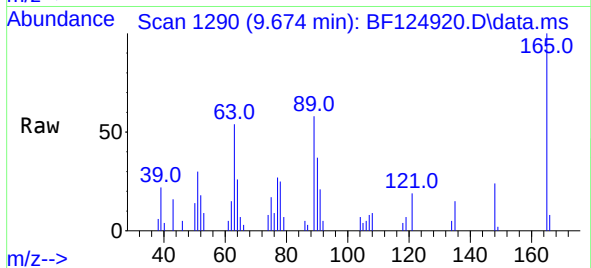
#51  
2,6-Dinitrotoluene  
Concen: 49.050 ng  
RT: 9.674 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS

Tgt Ion:165 Resp: 10170  
Ion Ratio Lower Upper  
165 100  
63 53.5 42.6 63.8  
89 58.4 40.6 60.8

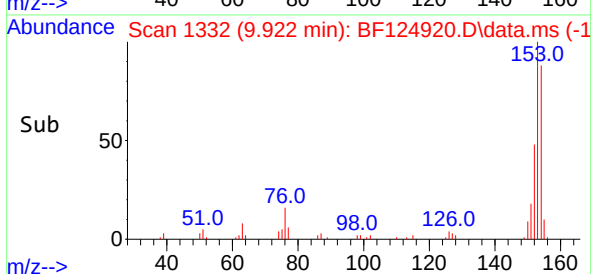
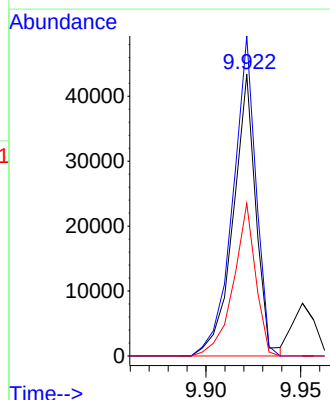
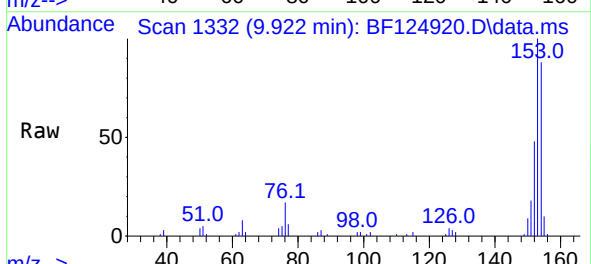
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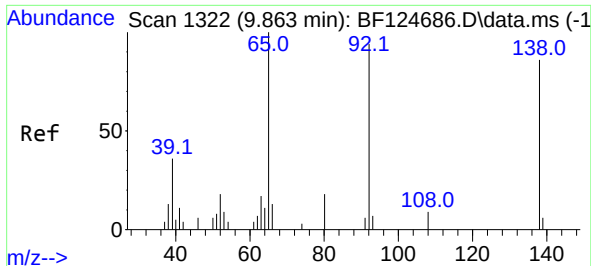
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#52  
Acenaphthene  
Concen: 44.006 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:154 Resp: 36233  
Ion Ratio Lower Upper  
154 100  
153 113.5 89.4 134.2  
152 54.2 40.5 60.7





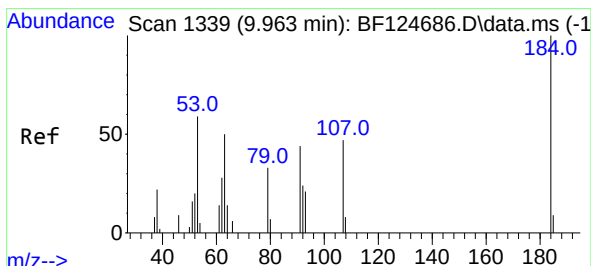
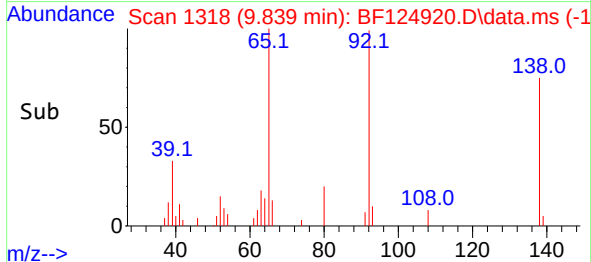
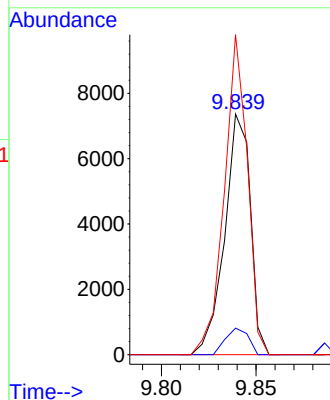
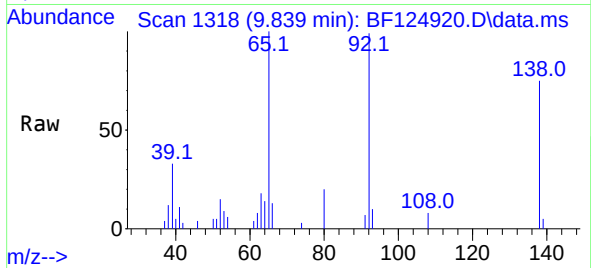
#53  
3-Nitroaniline  
Concen: 31.949 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:138 Resp: 6969  
Ion Ratio Lower Upper  
138 100  
108 11.0 9.3 13.9  
92 133.0 76.5 114.7#

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

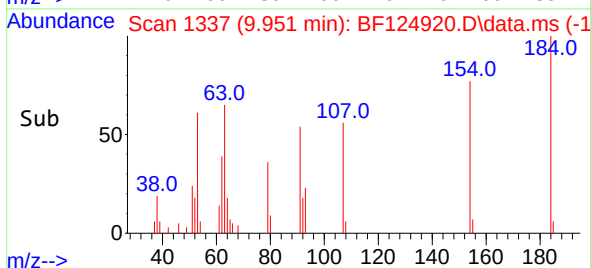
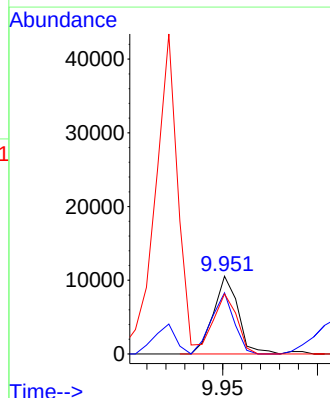
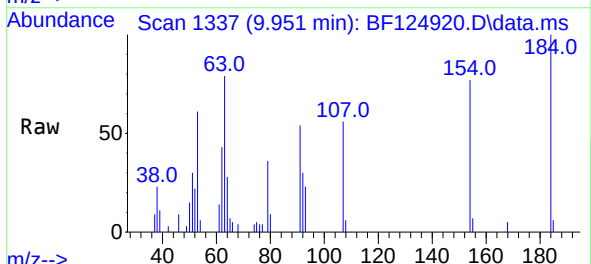
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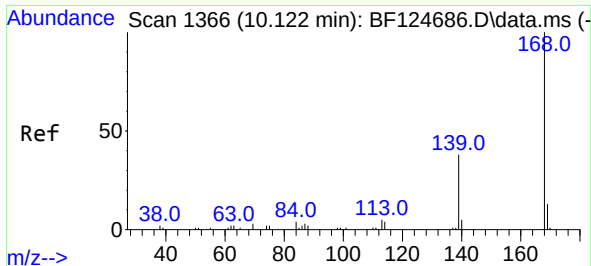
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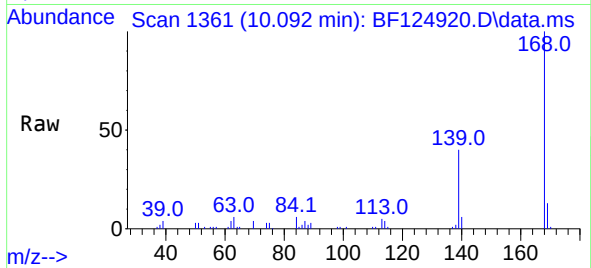
#54  
2,4-Dinitrophenol  
Concen: 79.678 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:184 Resp: 9553  
Ion Ratio Lower Upper  
184 100  
63 78.7 59.3 88.9  
154 77.2 68.6 102.8





#55  
Dibenzofuran  
Concen: 49.136 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

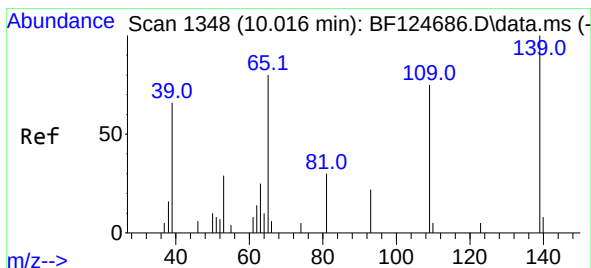
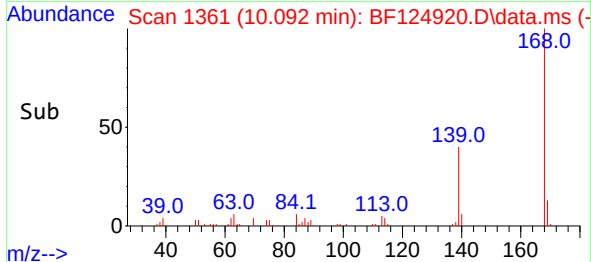
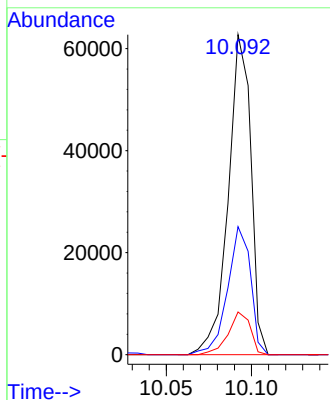


Tgt Ion:168 Resp: 57812  
Ion Ratio Lower Upper  
168 100  
139 40.0 32.7 49.1  
169 13.3 11.2 16.8

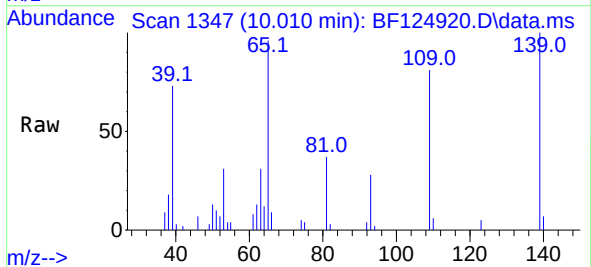
Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS

Manual Integrations  
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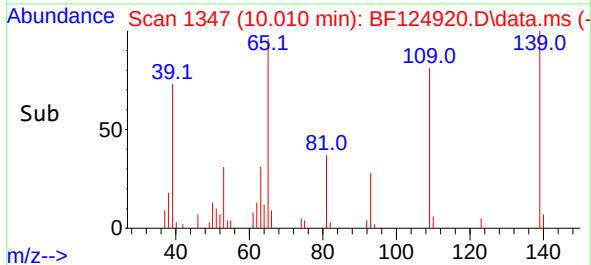
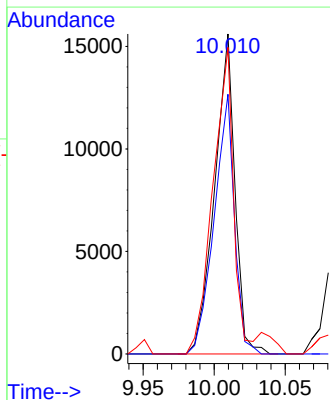
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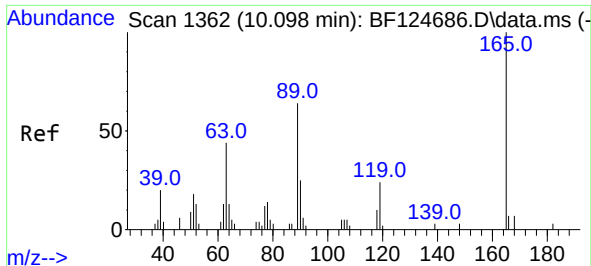


#56  
4-Nitrophenol  
Concen: 90.133 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



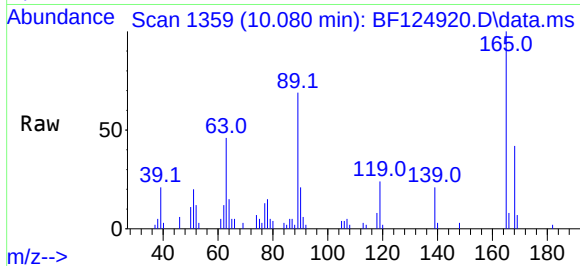
Tgt Ion:139 Resp: 15526  
Ion Ratio Lower Upper  
139 100  
109 81.1 60.4 100.4  
65 95.8 58.4 98.4





#57  
2,4-Dinitrotoluene  
Concen: 52.213 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

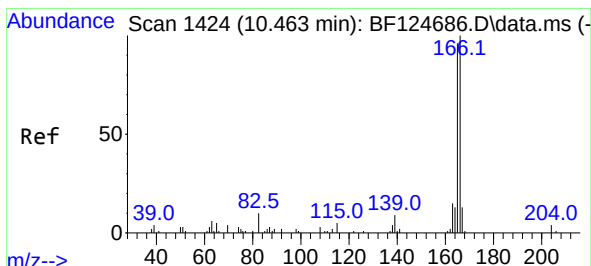
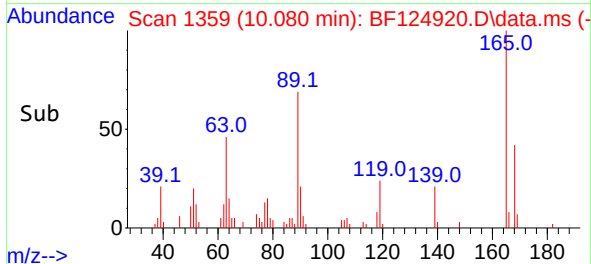
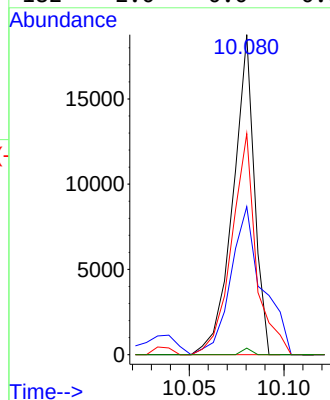
Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS



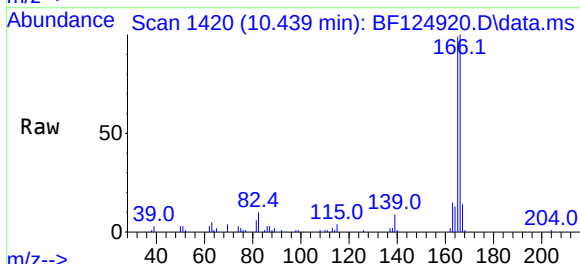
Tgt Ion:165 Resp: 14691  
Ion Ratio Lower Upper  
165 100  
63 46.2 40.9 61.3  
89 69.1 59.7 89.5  
182 2.0 0.0 0.0#

Manual Integrations  
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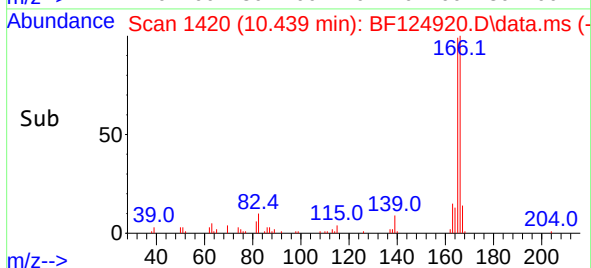
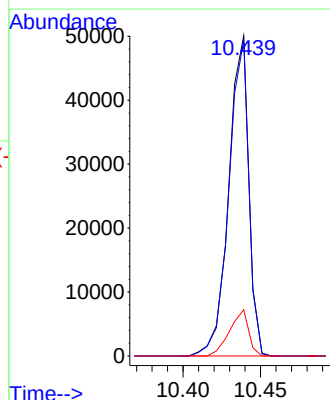
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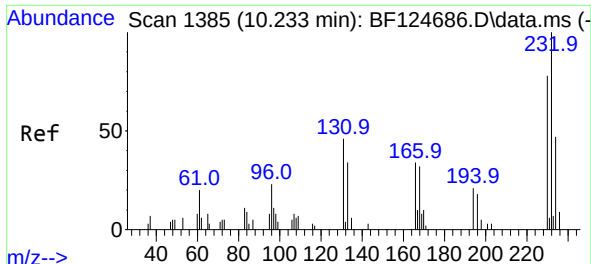
#58  
Fluorene  
Concen: 49.834 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



Tgt Ion:166 Resp: 44979  
Ion Ratio Lower Upper  
166 100  
165 98.8 78.1 117.1  
167 14.4 11.1 16.7

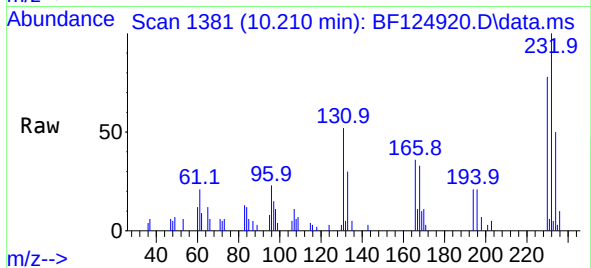






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.844 ng  
RT: 10.210 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

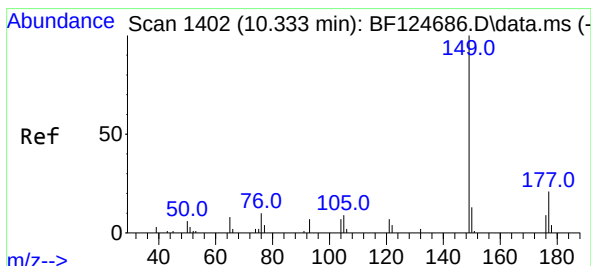
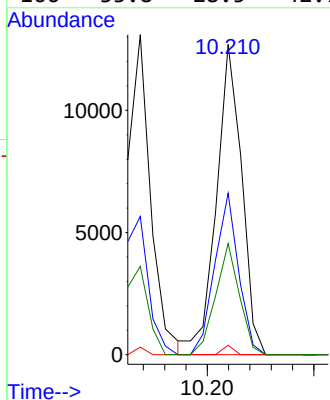
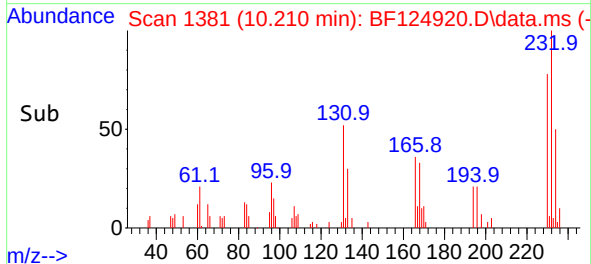
Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS



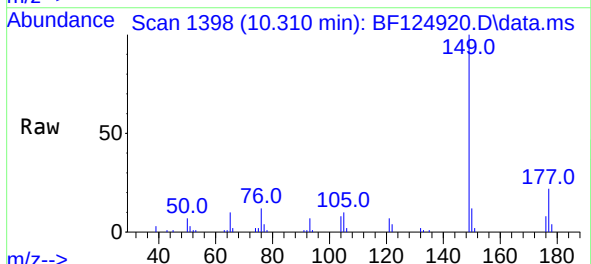
Tgt Ion:232 Resp: 10474  
Ion Ratio Lower Upper  
232 100  
131 49.1 45.4 68.0  
130 1.3 0.0 0.0#  
166 33.8 28.5 42.7

Manual Integrations  
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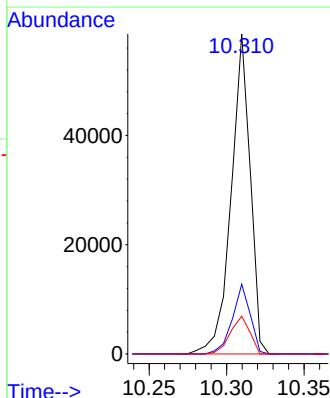
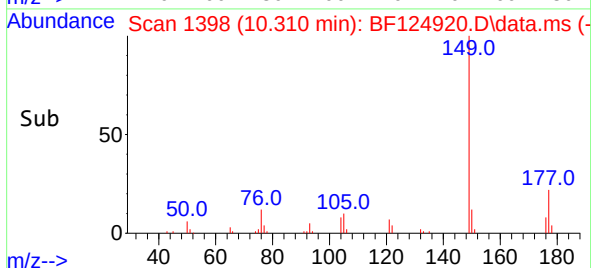
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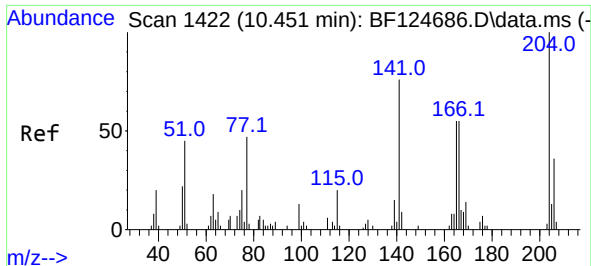


#60  
Diethylphthalate  
Concen: 51.203 ng  
RT: 10.310 min Scan# 1398  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



Tgt Ion:149 Resp: 49971  
Ion Ratio Lower Upper  
149 100  
177 21.8 16.5 24.7  
150 11.8 10.1 15.1





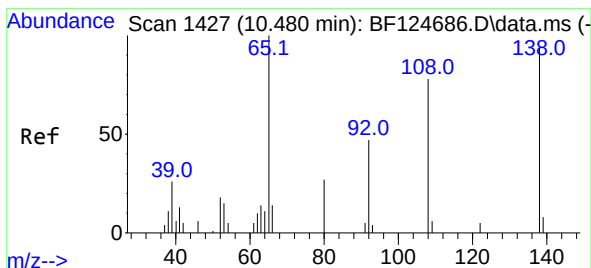
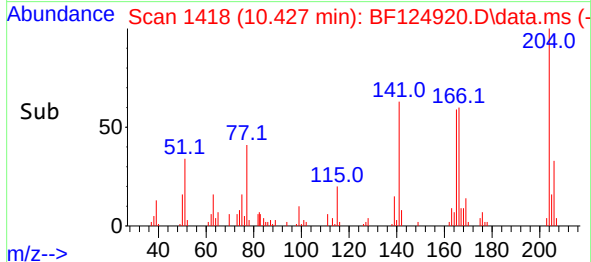
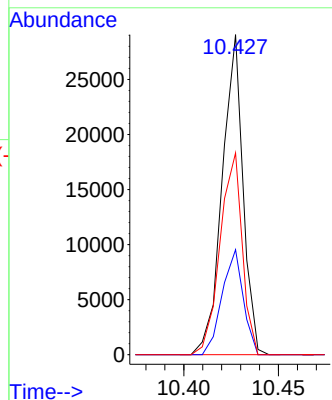
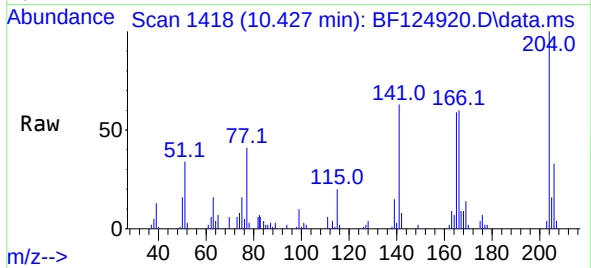
#61  
4-Chlorophenyl-phenylether  
Concen: 50.917 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 22216 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 32.8  | 27.6  | 41.4  |
| 141       | 63.0  | 58.6  | 88.0  |

Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS

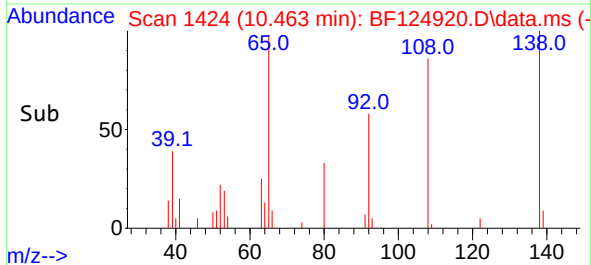
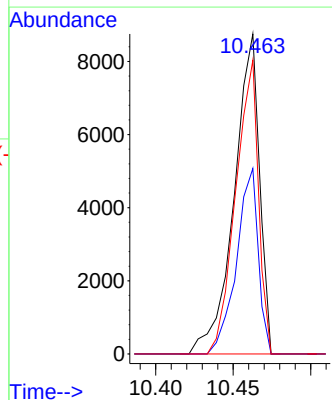
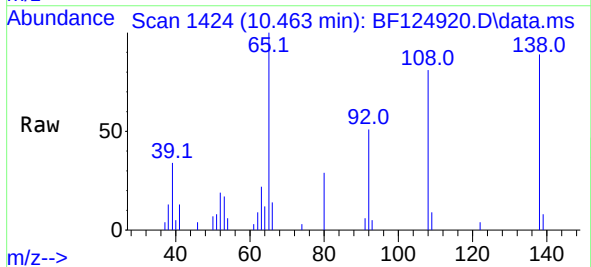
Manual Integrations  
APPROVED

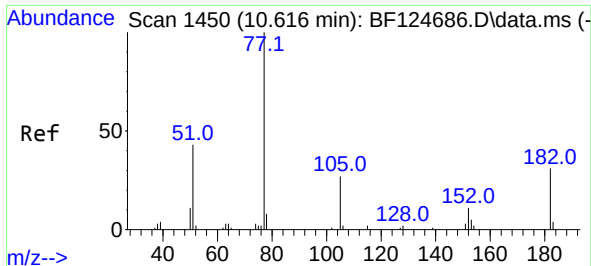
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#62  
4-Nitroaniline  
Concen: 46.039 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 9937  |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 58.0  | 29.6  | 69.6  |
| 108       | 91.8  | 78.1  | 118.1 |





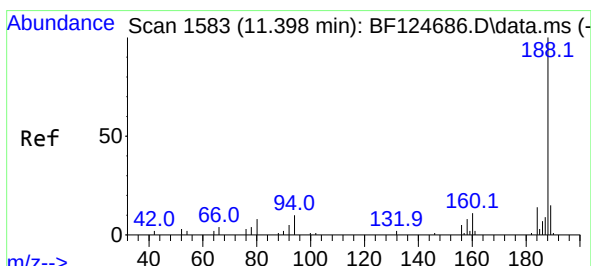
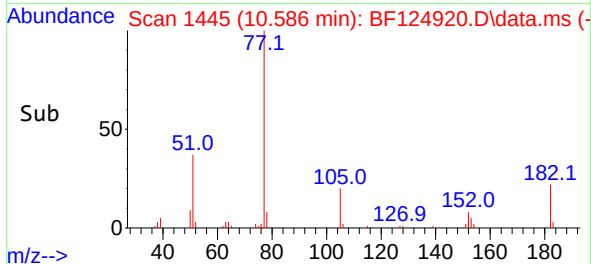
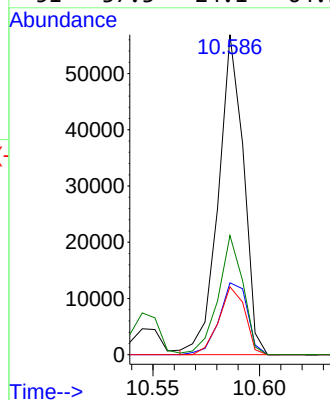
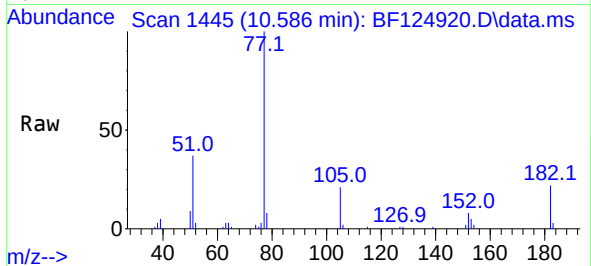
#63  
Azobenzene  
Concen: 53.931 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 46564 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 22.5    | 6.3 46.3    |
| 105 21.2    | 2.9 42.9    |
| 51 37.3     | 24.1 64.1   |

Instrument :  
BNA\_F  
ClientSampled :  
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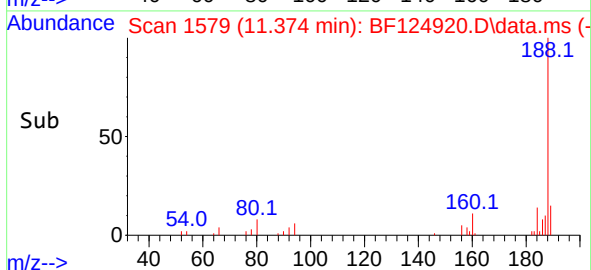
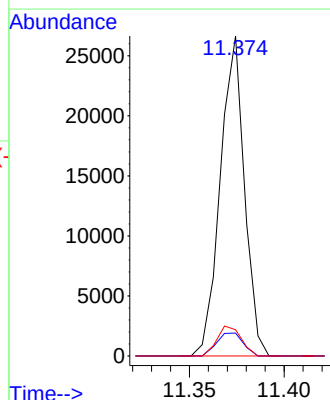
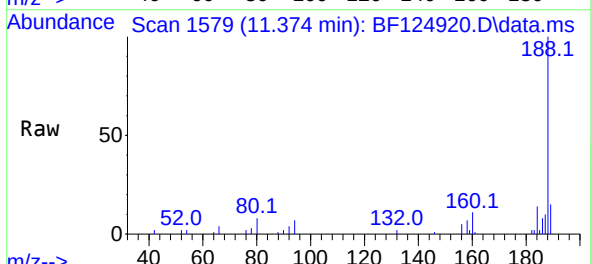
Manual Integrations  
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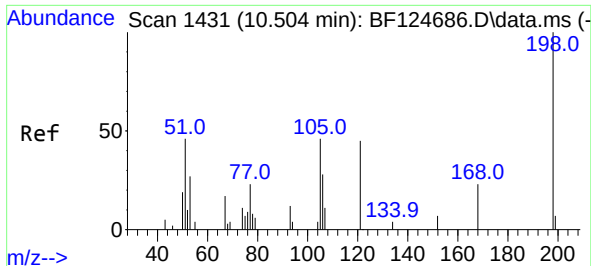
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.374 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

|              |             |
|--------------|-------------|
| Tgt Ion: 188 | Resp: 23614 |
| Ion Ratio    | Lower Upper |
| 188 100      |             |
| 94 7.2       | 6.7 10.1    |
| 80 8.2       | 7.5 11.3    |





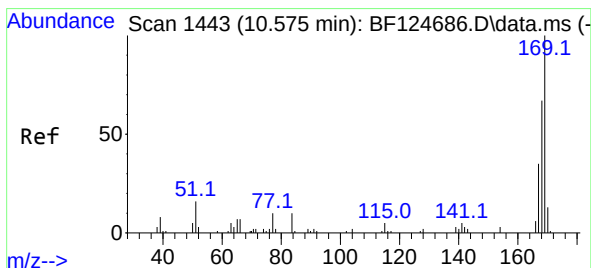
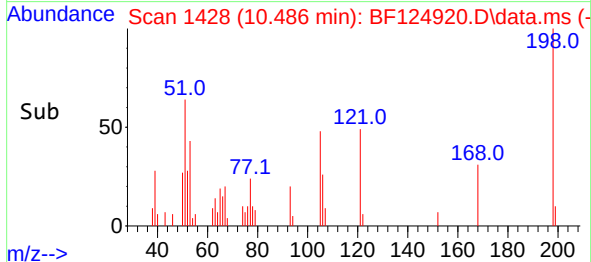
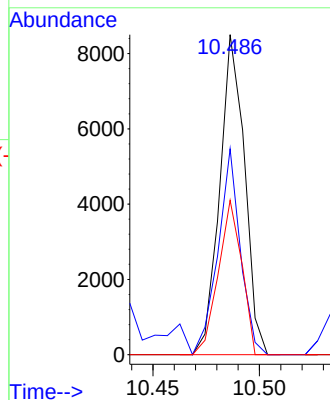
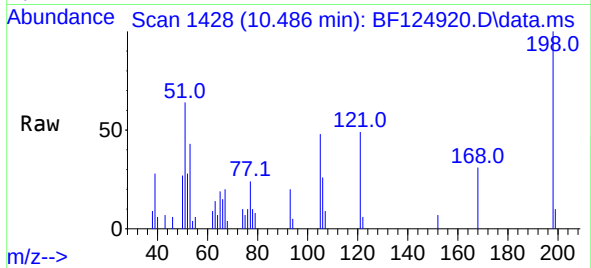
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.087 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:198 Resp: 6895  
Ion Ratio Lower Upper  
198 100  
51 64.3 45.3 85.3  
105 48.3 30.6 70.6

Instrument :  
BNA\_F  
ClientSampled :  
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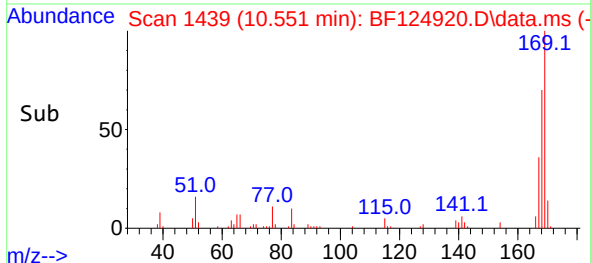
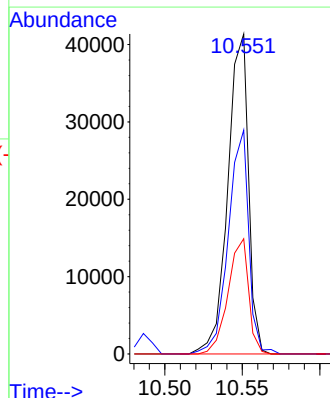
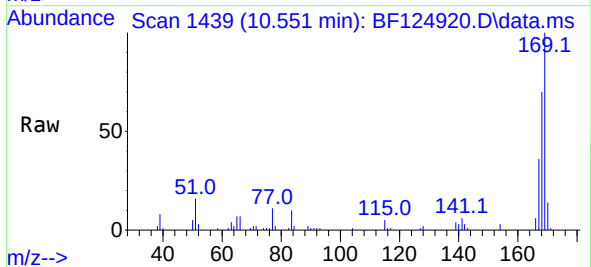
Manual Integrations  
APPROVED

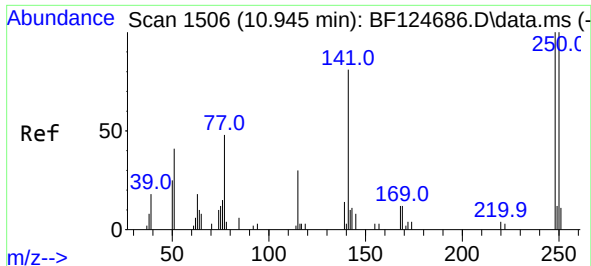
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#66  
n-Nitrosodiphenylamine  
Concen: 50.192 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.000 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

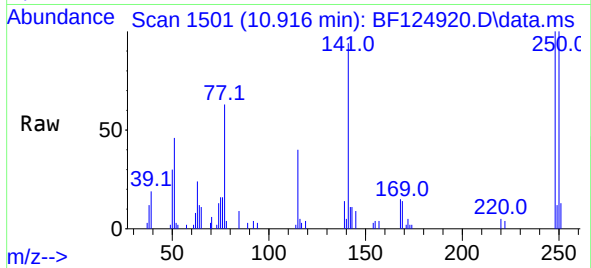
Tgt Ion:169 Resp: 38409  
Ion Ratio Lower Upper  
169 100  
168 69.9 50.8 76.2  
167 36.0 28.8 43.2





#67  
4-Bromophenyl-phenylether  
Concen: 52.224 ng  
RT: 10.916 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

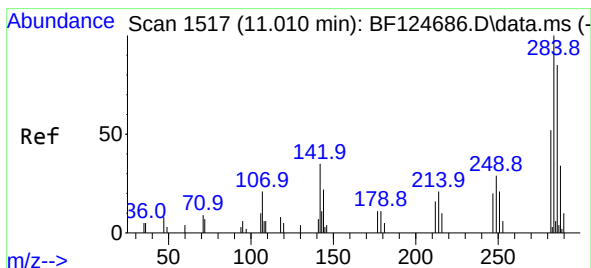
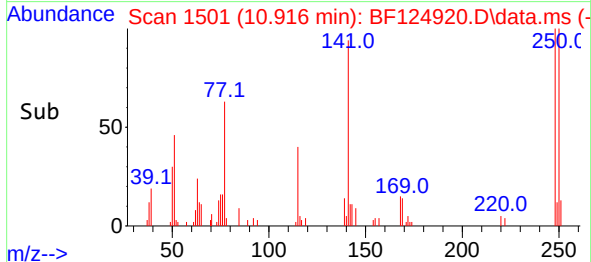
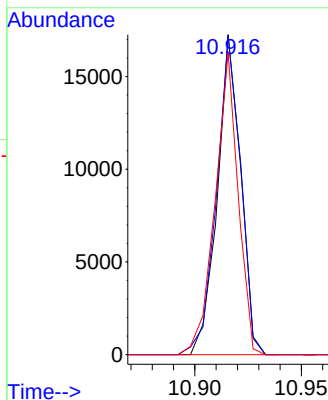
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS



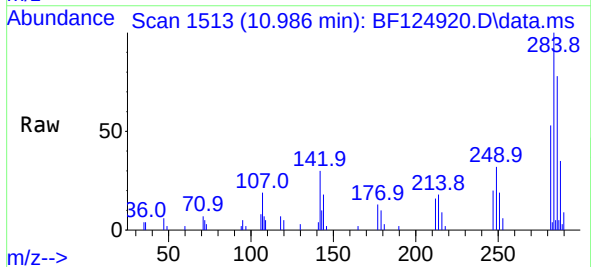
Tgt Ion:248 Resp: 13079  
Ion Ratio Lower Upper  
248 100  
250 99.6 74.2 111.4  
141 94.5 60.4 90.6#

Manual Integrations  
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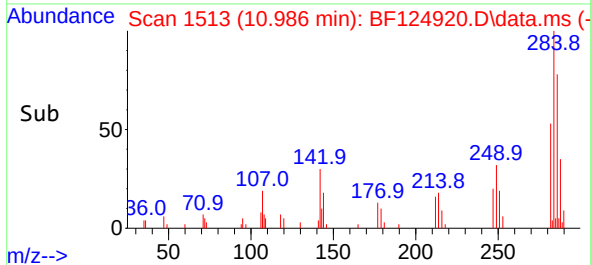
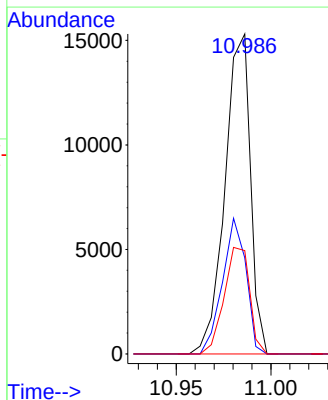
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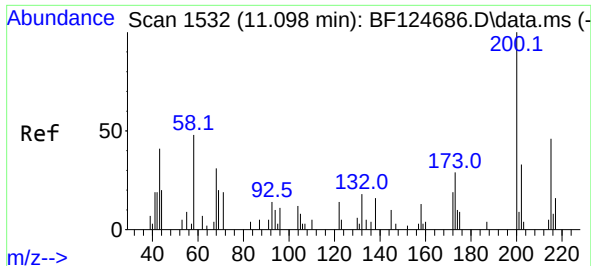


#68  
Hexachlorobenzene  
Concen: 55.187 ng  
RT: 10.986 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



Tgt Ion:284 Resp: 14354  
Ion Ratio Lower Upper  
284 100  
142 30.1 36.4 54.6#  
249 32.3 25.6 38.4





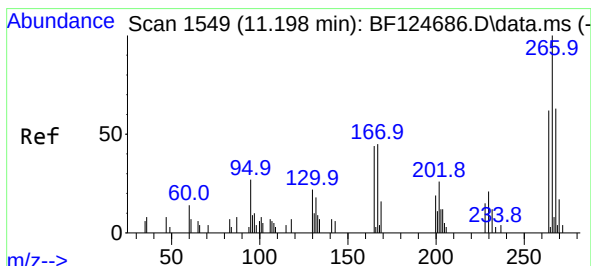
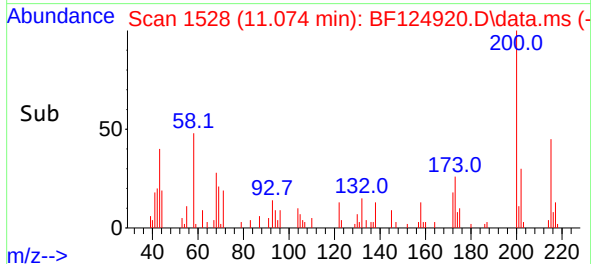
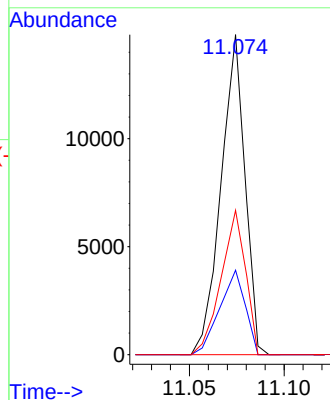
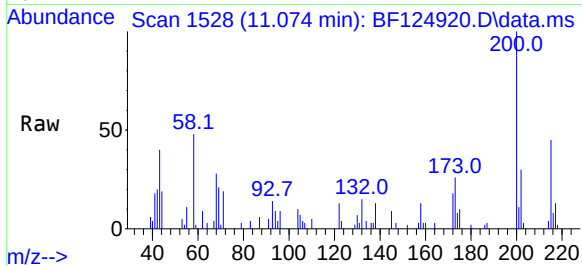
#69  
Atrazine  
Concen: 56.065 ng  
RT: 11.074 min Scan# 1528  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:200 Resp: 13044  
Ion Ratio Lower Upper  
200 100  
173 26.4 11.1 51.1  
215 45.1 22.7 62.7

Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS

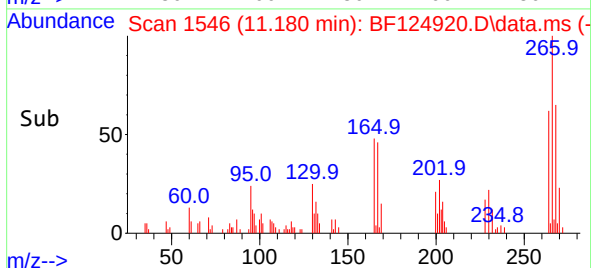
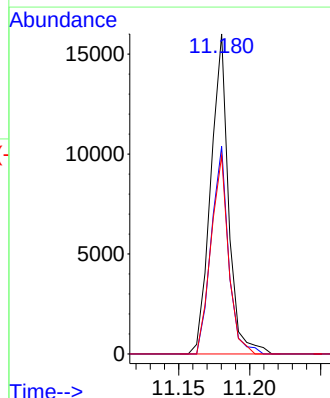
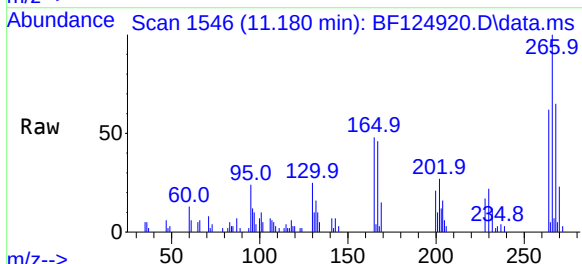
Manual Integrations  
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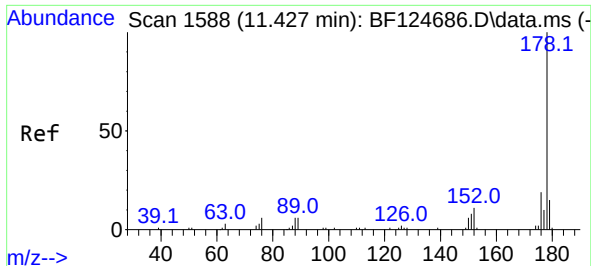
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#70  
Pentachlorophenol  
Concen: 86.320 ng  
RT: 11.180 min Scan# 1546  
Delta R.T. -0.000 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

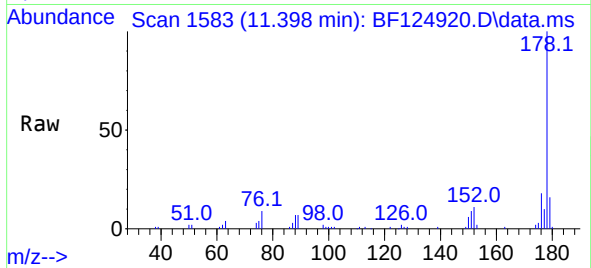
Tgt Ion:266 Resp: 13961  
Ion Ratio Lower Upper  
266 100  
268 64.9 48.9 73.3  
264 61.9 55.9 83.9





#71  
Phenanthrene  
Concen: 53.038 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

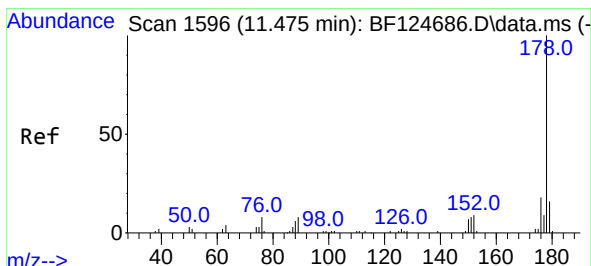
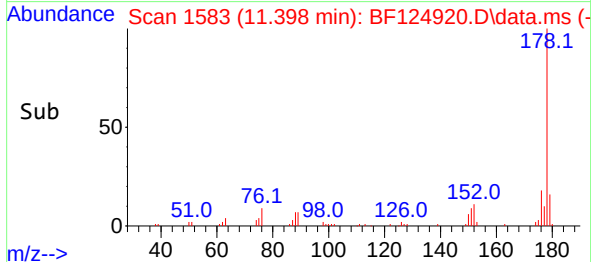
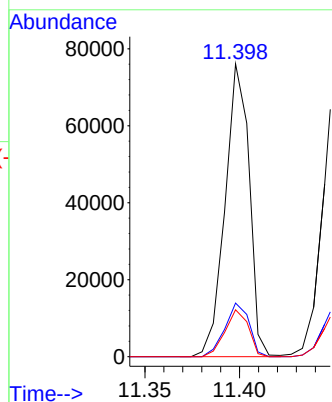
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS



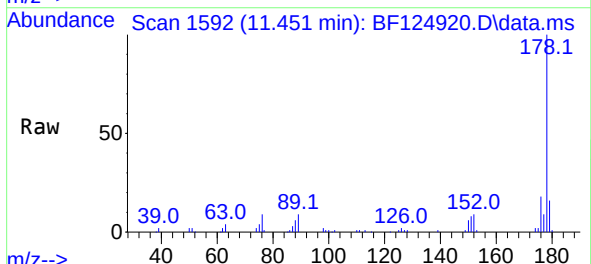
Tgt Ion:178 Resp: 67362  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.7 22.1  
179 16.0 11.5 17.3

Manual Integrations  
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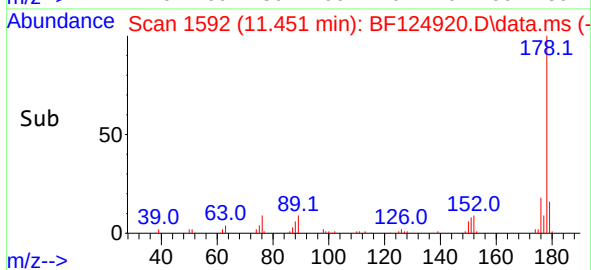
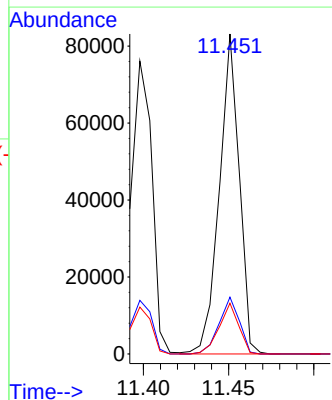
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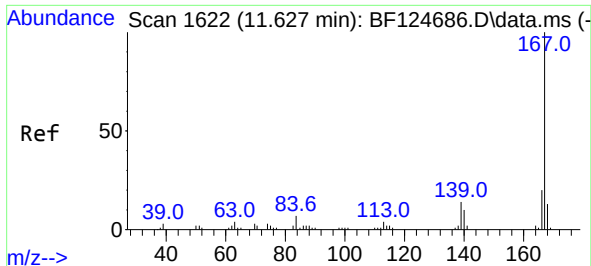


#72  
Anthracene  
Concen: 53.158 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



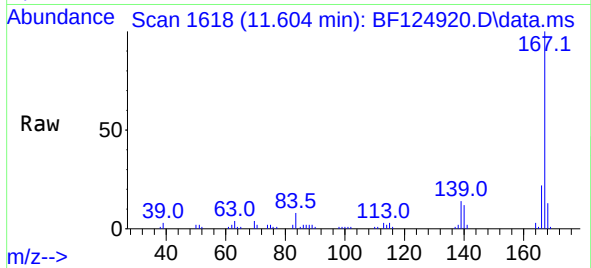
Tgt Ion:178 Resp: 67495  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.3 21.5  
179 15.8 12.2 18.4





#73  
Carbazole  
Concen: 48.595 ng  
RT: 11.604 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

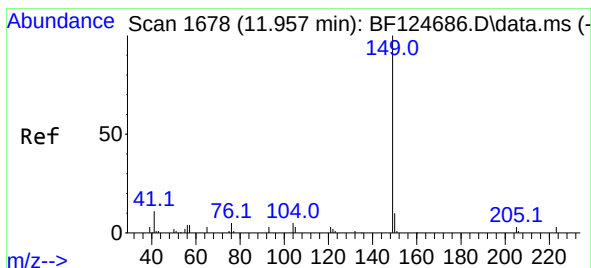
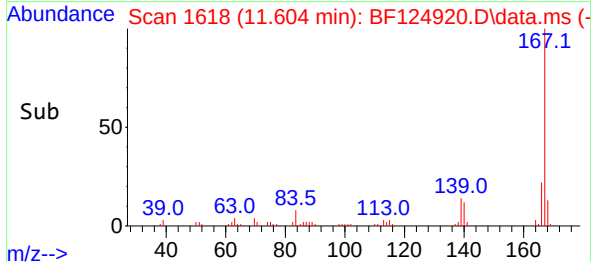
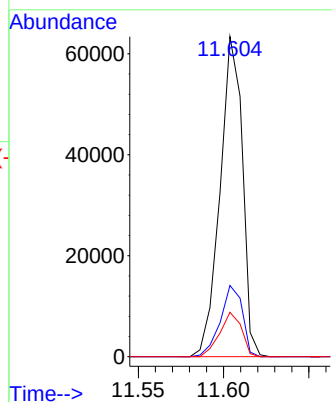
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS



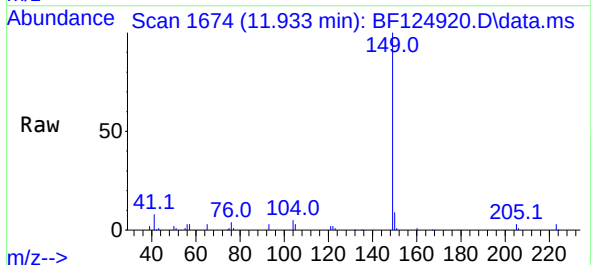
Tgt Ion:167 Resp: 57836  
Ion Ratio Lower Upper  
167 100  
166 22.3 17.4 26.0  
139 13.9 11.0 16.4

Manual Integrations  
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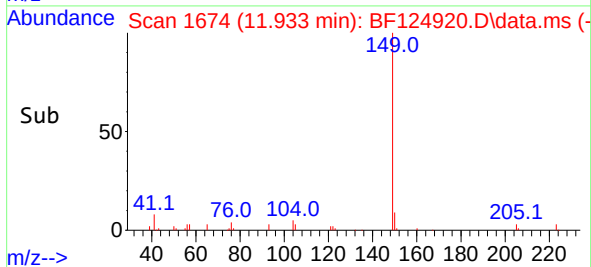
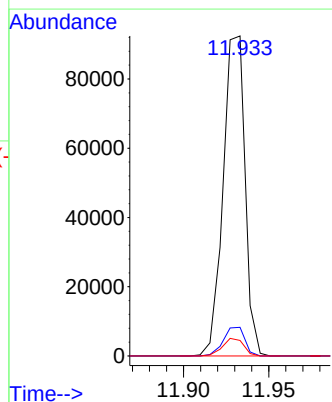
mohammad  
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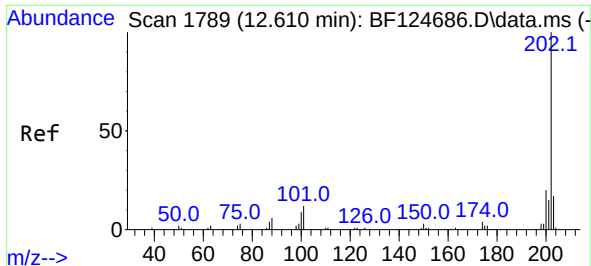
#74  
Di-n-butylphthalate  
Concen: 52.230 ng  
RT: 11.933 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45



Tgt Ion:149 Resp: 82798  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.4 11.2  
104 4.9 4.1 6.1

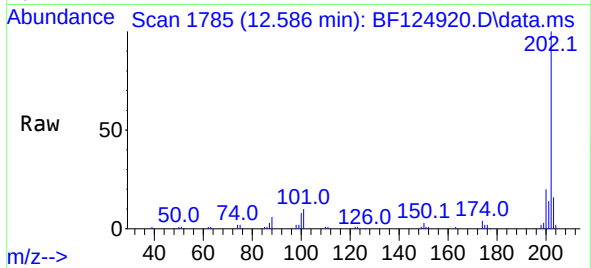






#75  
Fluoranthene  
Concen: 52.900 ng  
RT: 12.586 min Scan# 1785  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

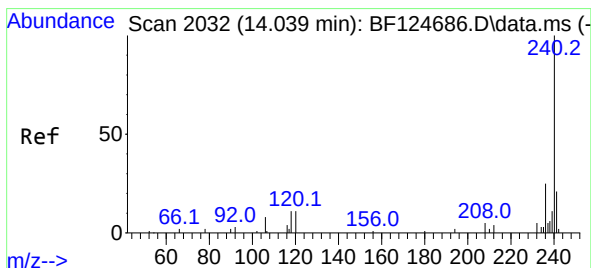
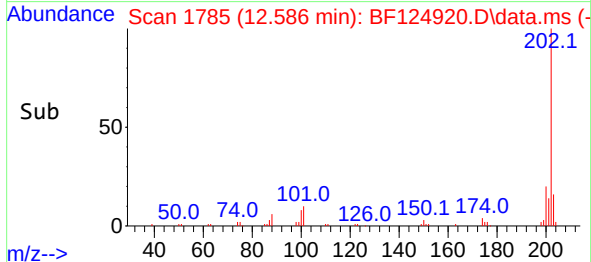
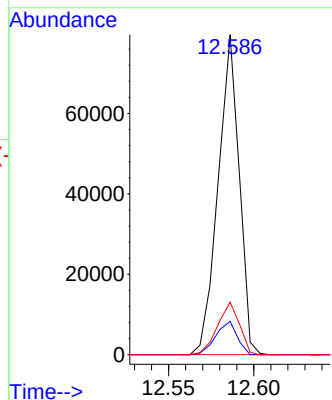
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS



Tgt Ion:202 Resp: 68562  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 30.7  
203 16.4 0.0 36.3

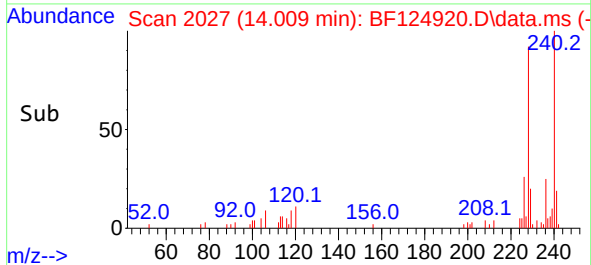
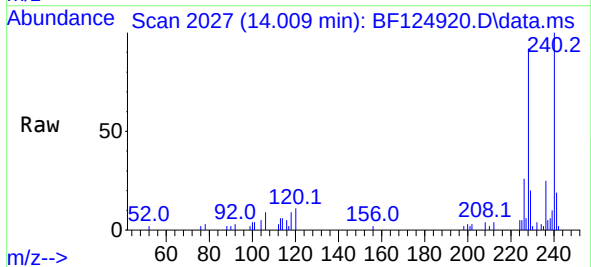
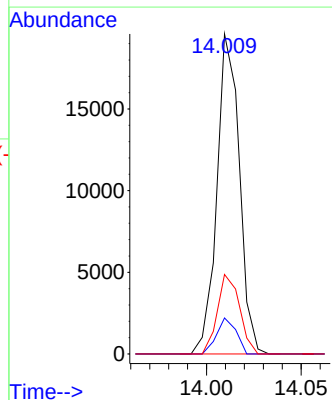
Manual Integrations  
APPROVED

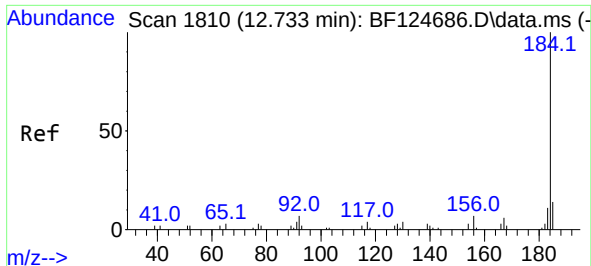
mohammad  
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.009 min Scan# 2027  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

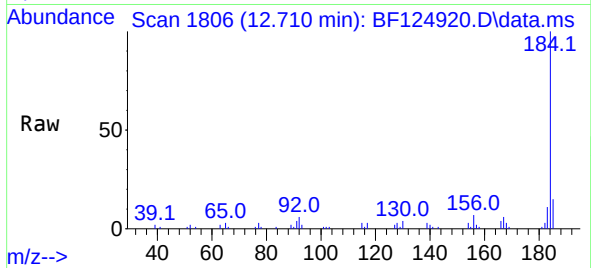
Tgt Ion:240 Resp: 16169  
Ion Ratio Lower Upper  
240 100  
120 11.2 10.8 16.2  
236 24.8 21.6 32.4





#77  
Benzidine  
Concen: 73.591 ng  
RT: 12.710 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

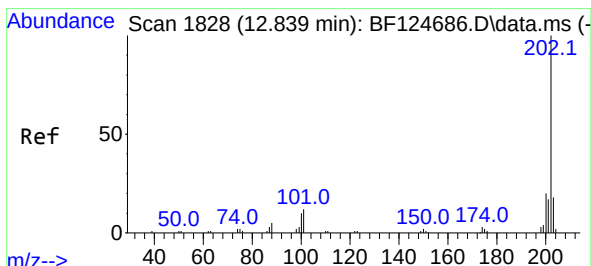
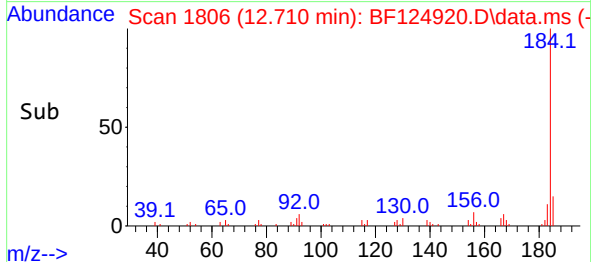
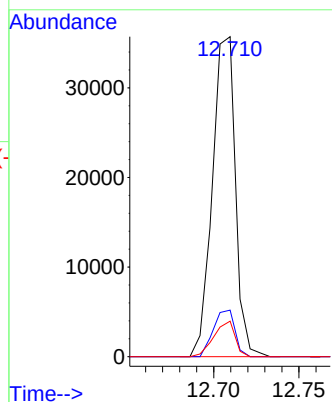
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS



Tgt Ion:184 Resp: 33554  
Ion Ratio Lower Upper  
184 100  
185 14.5 10.8 16.2  
183 11.1 8.1 12.1

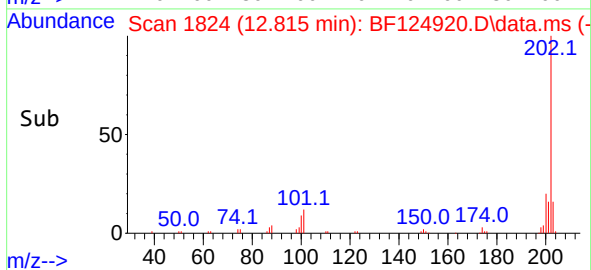
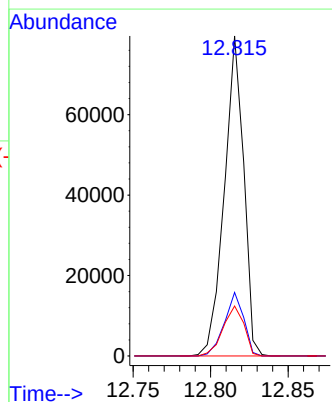
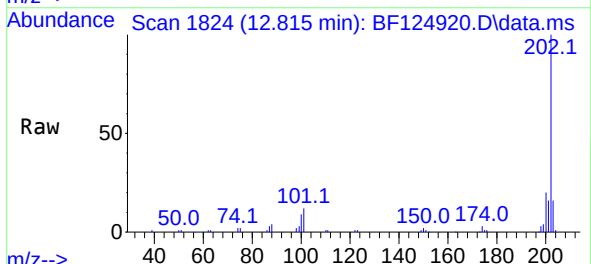
Manual Integrations  
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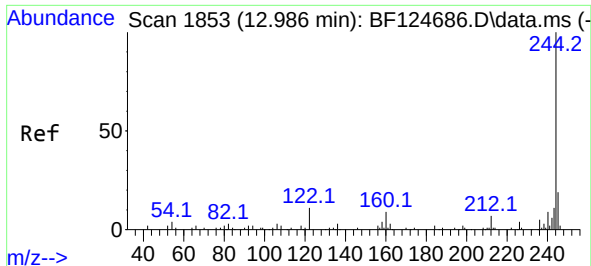
mohammad  
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#78  
Pyrene  
Concen: 53.981 ng  
RT: 12.815 min Scan# 1824  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

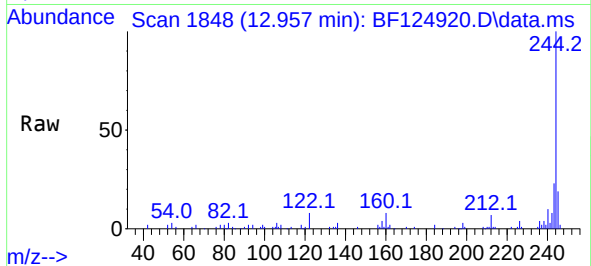
Tgt Ion:202 Resp: 69098  
Ion Ratio Lower Upper  
202 100  
200 19.9 15.3 22.9  
203 15.6 13.4 20.0





#79  
Terphenyl-d14  
Concen: 78.245 ng  
RT: 12.957 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

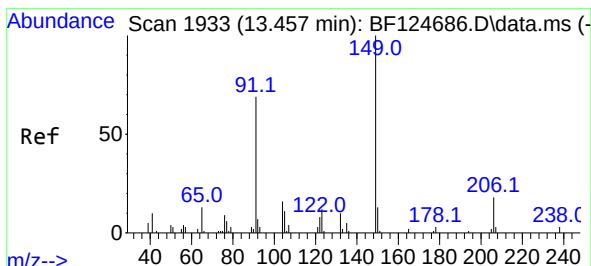
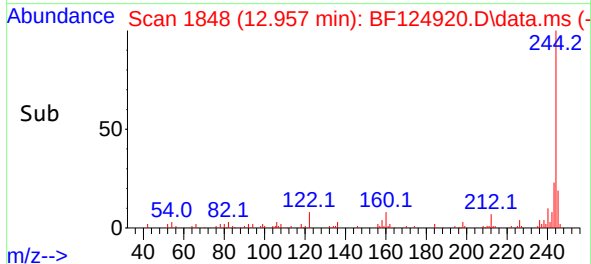
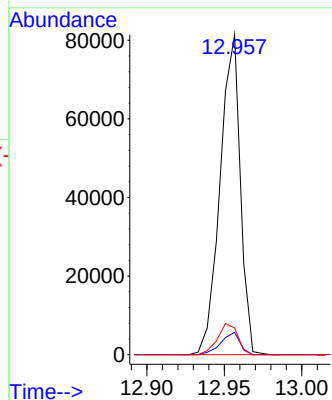
Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS



Tgt Ion:244 Resp: 73806  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 8.4 9.0 13.4#

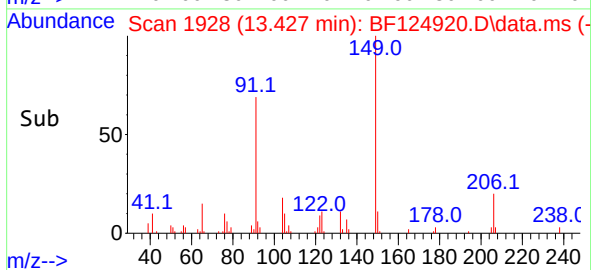
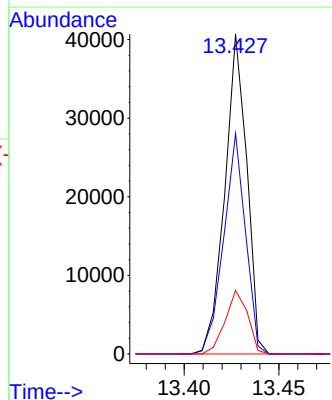
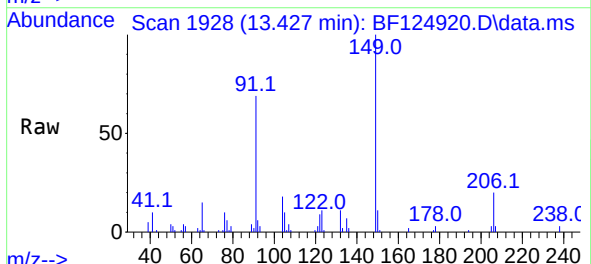
Manual Integrations  
APPROVED

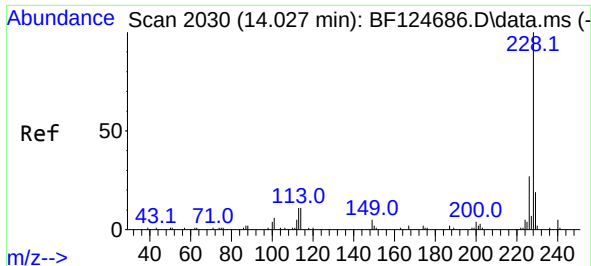
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#80  
Butylbenzylphthalate  
Concen: 53.527 ng  
RT: 13.427 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:149 Resp: 32817  
Ion Ratio Lower Upper  
149 100  
91 68.9 51.8 77.8  
206 19.9 14.5 21.7





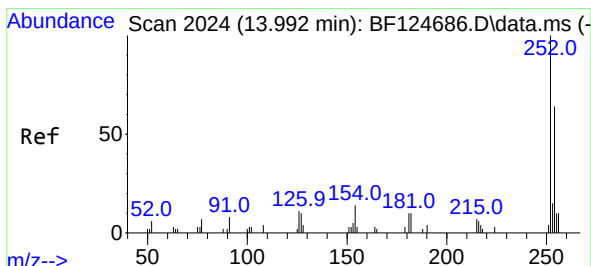
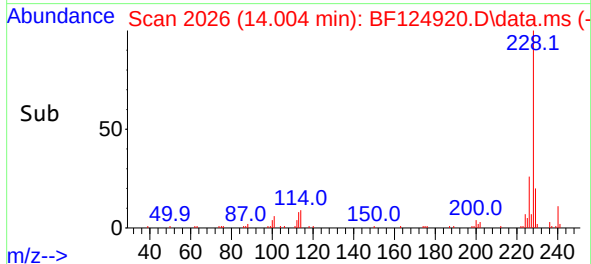
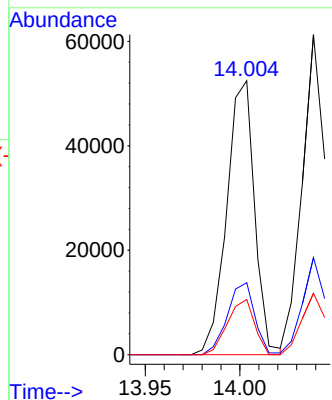
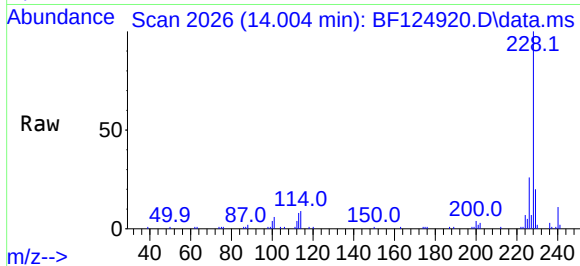
#81  
Benzo(a)anthracene  
Concen: 50.819 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Instrument :  
BNA\_F  
ClientSampled :  
PB138173BS

Tgt Ion:228 Resp: 53711  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.6 32.4  
229 20.2 15.6 23.4

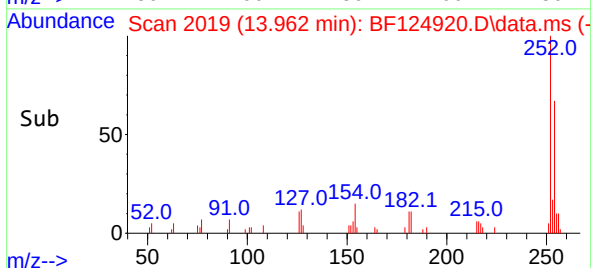
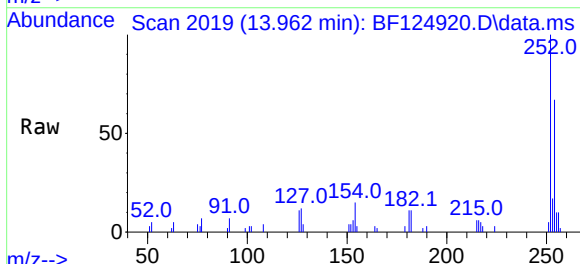
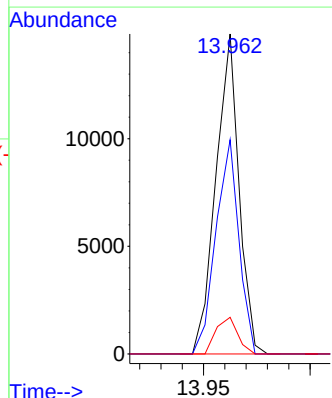
Manual Integrations  
APPROVED

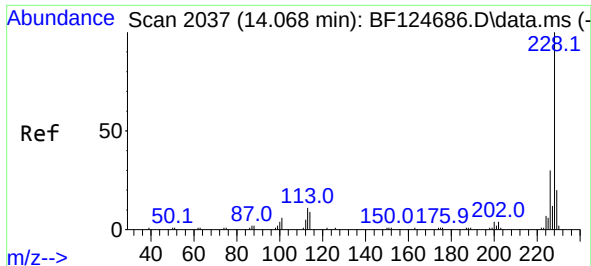
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 38.225 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:252 Resp: 11212  
Ion Ratio Lower Upper  
252 100  
254 67.0 51.4 77.0  
126 11.4 9.5 14.3





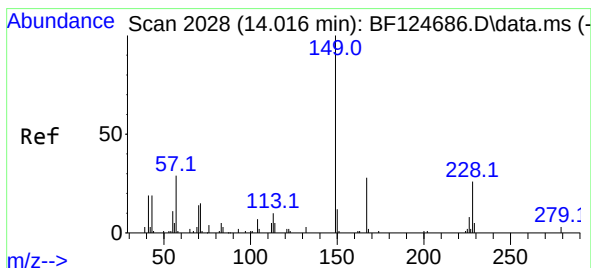
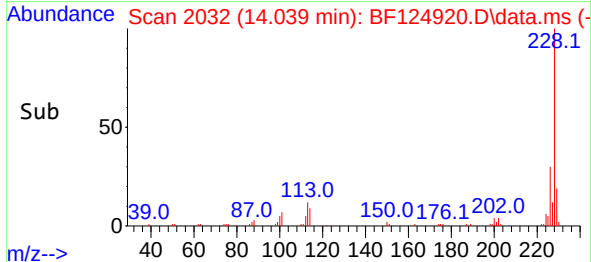
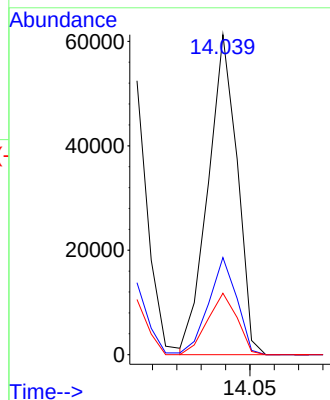
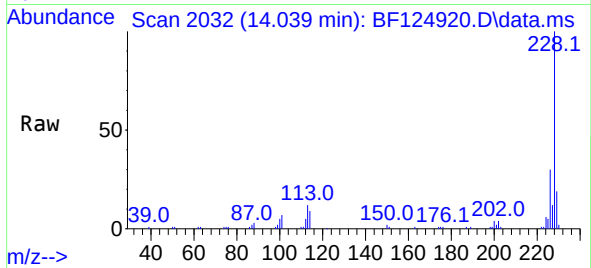
#83  
Chrysene  
Concen: 50.034 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion: 228 Resp: 50947  
Ion Ratio Lower Upper  
228 100  
226 30.3 22.6 34.0  
229 19.2 15.9 23.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

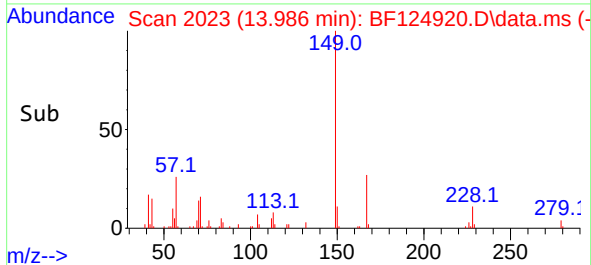
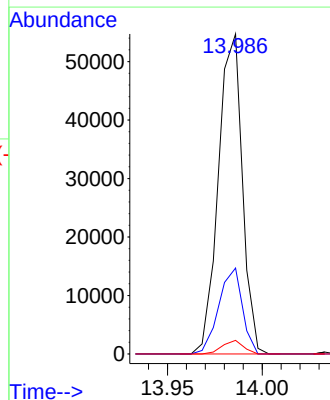
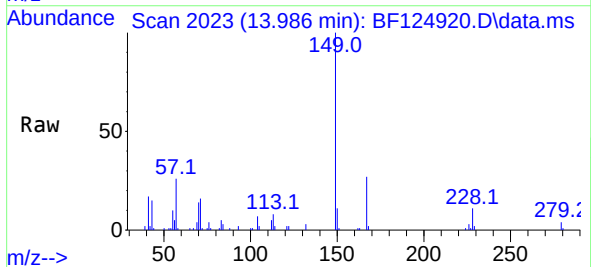
Manual Integrations  
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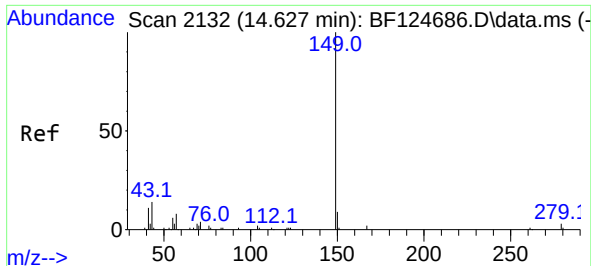
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.286 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion: 149 Resp: 48121  
Ion Ratio Lower Upper  
149 100  
167 26.9 21.4 32.0  
279 4.2 2.6 4.0#





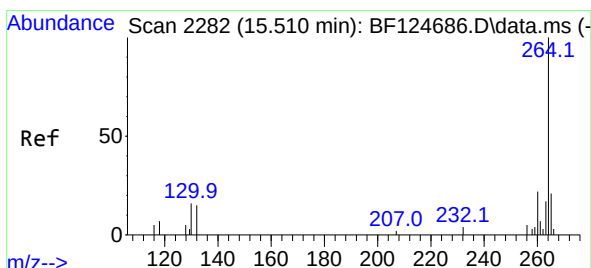
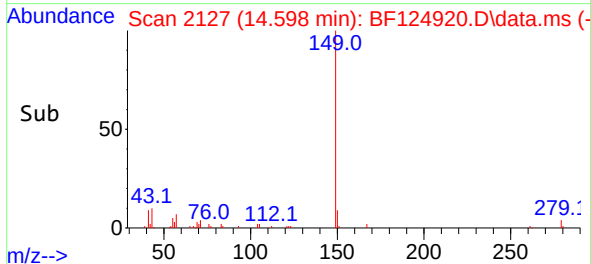
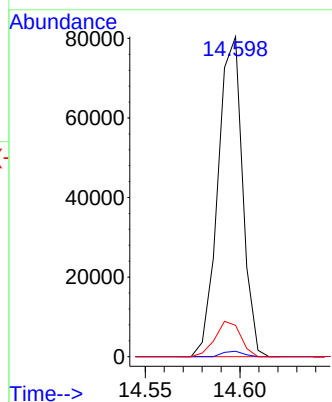
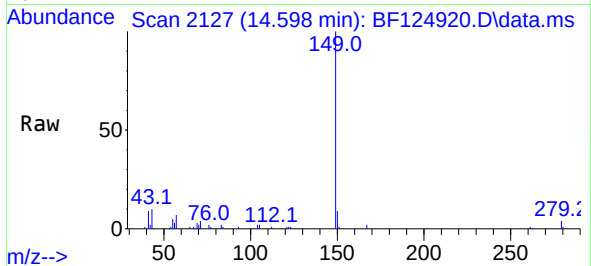
#85  
Di-n-octyl phthalate  
Concen: 49.486 ng  
RT: 14.598 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:149 Resp: 72519  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.0 1.6  
43 11.5 9.9 14.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

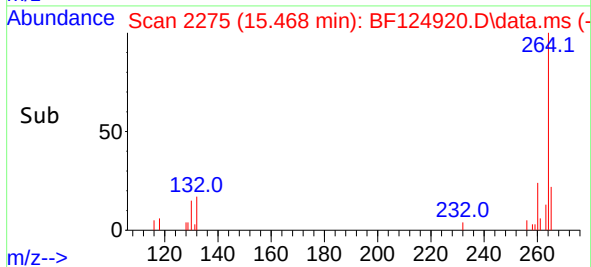
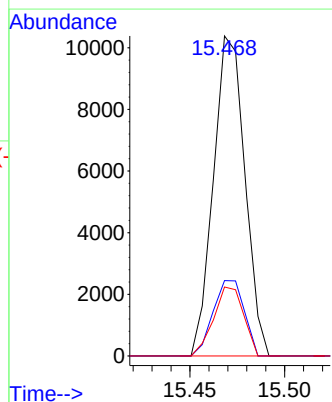
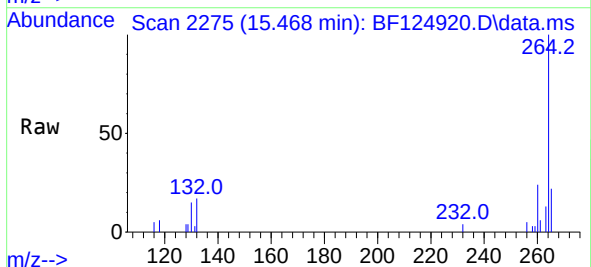
Manual Integrations  
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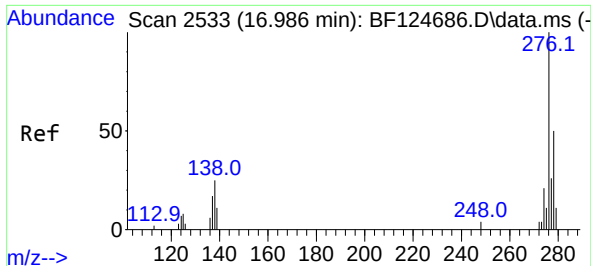
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.468 min Scan# 2275  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:264 Resp: 12008  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.6 29.4  
265 21.6 17.2 25.8





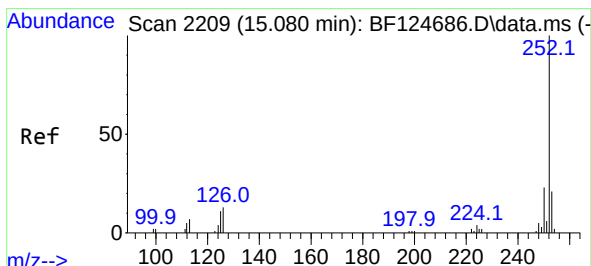
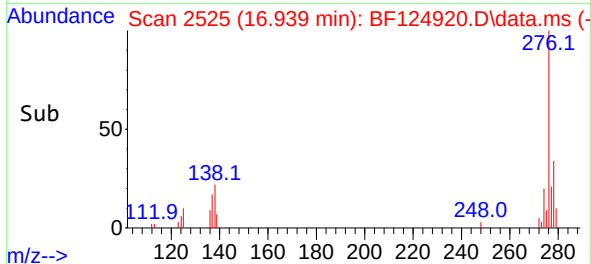
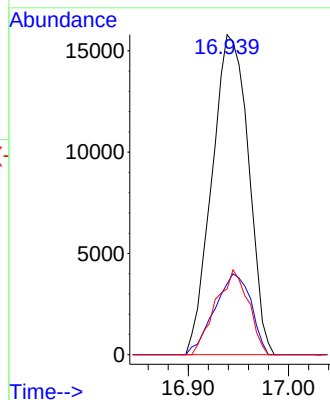
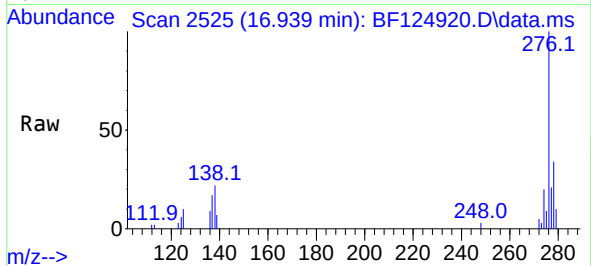
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 57.560 ng  
RT: 16.939 min Scan# 2525  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion: 276 Resp: 39904  
Ion Ratio Lower Upper  
276 100  
138 25.2 24.1 36.1  
277 23.9 18.8 28.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

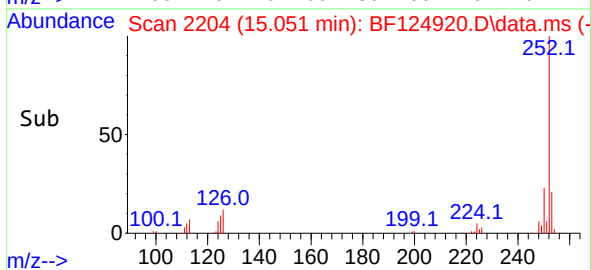
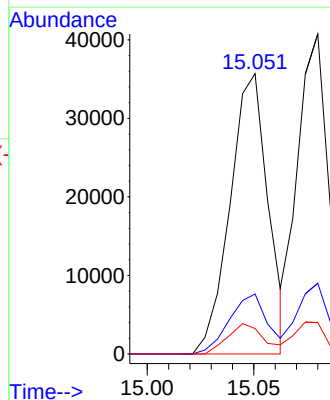
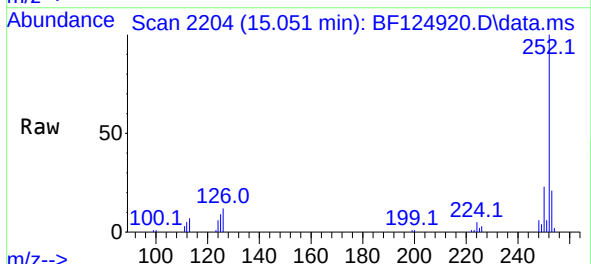
Manual Integrations  
APPROVED

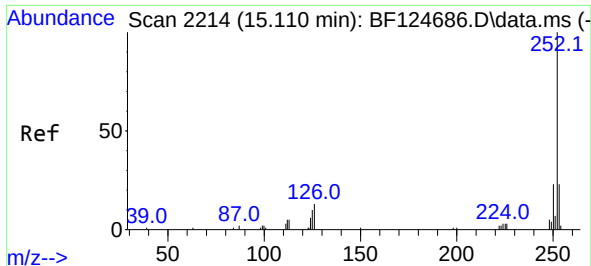
mohammad  
8/4/2021 3:45:22 PM



#88  
Benzo(b)fluoranthene  
Concen: 52.422 ng  
RT: 15.051 min Scan# 2204  
Delta R.T. -0.006 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion: 252 Resp: 44320  
Ion Ratio Lower Upper  
252 100  
253 21.4 16.8 25.2  
125 9.1 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 52.392 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF124920.D

Acq: 3 Aug 2021 17:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 40473 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.1  | 17.8  | 26.8  |
| 125       | 9.8   | 7.2   | 10.8  |

Instrument :

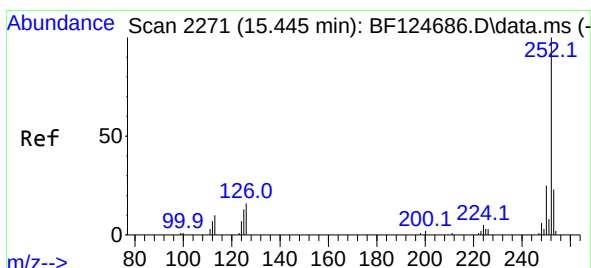
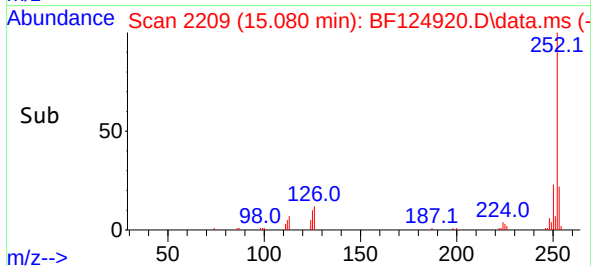
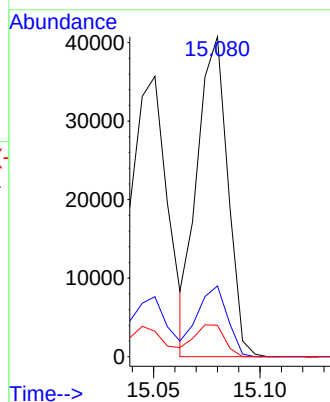
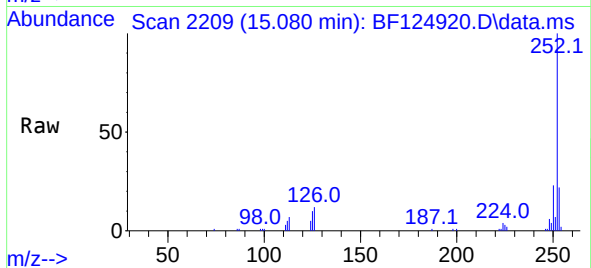
BNA\_F

ClientSampleId :

PB138173BS

Manual Integrations  
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#90

Benzo(a)pyrene

Concen: 55.622 ng

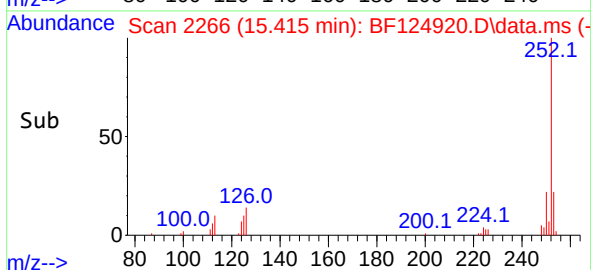
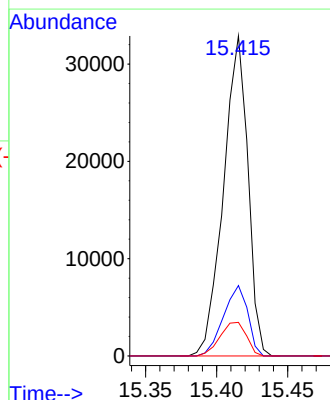
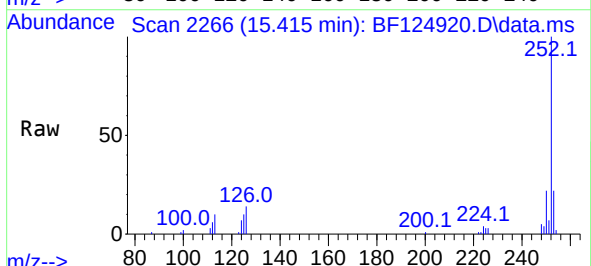
RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

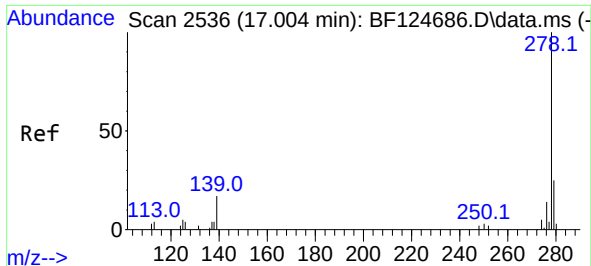
Lab File: BF124920.D

Acq: 3 Aug 2021 17:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 39283 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.0  | 18.4  | 27.6  |
| 125       | 10.5  | 9.9   | 14.9  |







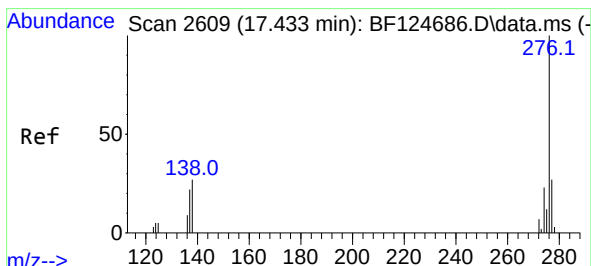
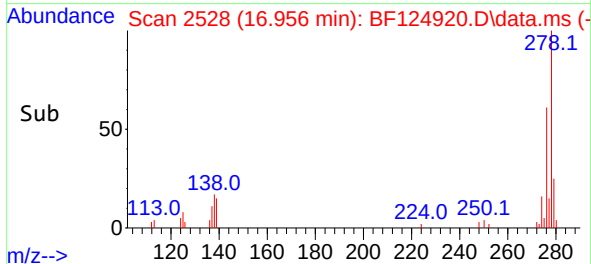
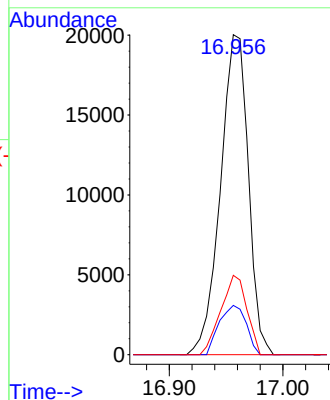
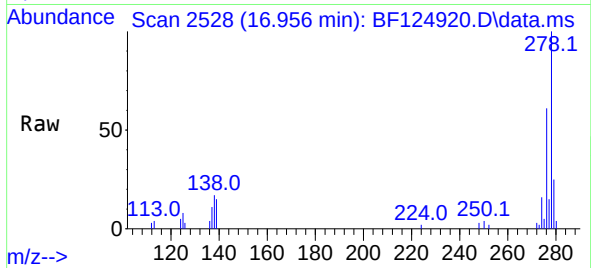
#91  
Dibenzo(a,h)anthracene  
Concen: 56.150 ng  
RT: 16.956 min Scan# 2528  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:278 Resp: 34077  
Ion Ratio Lower Upper  
278 100  
139 15.4 14.9 22.3  
279 24.8 19.7 29.5

Instrument :  
BNA\_F  
ClientSampleId :  
PB138173BS

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 57.697 ng  
RT: 17.392 min Scan# 2602  
Delta R.T. -0.012 min  
Lab File: BF124920.D  
Acq: 3 Aug 2021 17:45

Tgt Ion:276 Resp: 33205  
Ion Ratio Lower Upper  
276 100  
277 22.6 22.0 33.0  
138 24.0 22.2 33.4

