

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072621\  
 Data File : BF124762.D  
 Acq On : 26 Jul 2021 13:00  
 Operator : JU/CG  
 Sample : PB137842BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB137842BS

Quant Time: Jul 26 14:10:42 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 15:28:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 8584     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 32398    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 18104    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 32541    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 21508    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.515 | 264  | 15571    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 62284    | 122.853 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 75889    | 119.401 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 41412    | 76.077  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 19263    | 123.925 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 88776    | 72.023  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 86930    | 69.282  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.799  | 88   | 7904     | 44.601  | ng    | # 100    |
| 3) Pyridine                   | 3.534  | 79   | 17216    | 41.038  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.505  | 42   | 15577    | 46.952  | ng    | # 90     |
| 6) Aniline                    | 6.540  | 93   | 24711    | 37.831  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 25865    | 45.233  | ng    | 95       |
| 9) Benzaldehyde               | 6.422  | 77   | 12705    | 37.128  | ng    | 92       |
| 10) Phenol                    | 6.522  | 94   | 29568    | 48.580  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 23580    | 48.862  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 28329    | 45.582  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.893  | 146  | 28453    | 45.763  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 27551    | 45.862  | ng    | 95       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 20415    | 48.845  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 38244    | 47.084  | ng    | 95       |
| 17) 2-Methylphenol            | 7.128  | 107  | 20354    | 48.860  | ng    | 97       |
| 18) Hexachloroethane          | 7.387  | 117  | 11534    | 48.943  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 16919    | 49.851  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 26075    | 47.375  | ng    | # 84     |
| 22) Acetophenone              | 7.287  | 105  | 37007    | 49.291  | ng    | 97       |
| 24) Nitrobenzene              | 7.457  | 77   | 26049    | 48.811  | ng    | 96       |
| 25) Isophorone                | 7.698  | 82   | 44810    | 46.555  | ng    | 95       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 14697    | 49.722  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 23836    | 52.407  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 29950    | 53.546  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 22381    | 46.463  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 24288    | 46.005  | ng    | 96       |
| 31) Naphthalene               | 8.181  | 128  | 79064    | 46.763  | ng    | 97       |
| 32) Benzoic acid              | 7.951  | 122  | 16018    | 45.500  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 14855    | 23.365  | ng    | # 95     |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 14667    | 46.475  | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 3439     | 27.468  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 23243    | 50.588  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 52655    | 46.610  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 48105    | 44.949  | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 23613    | 46.747  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 34456    | 115.295 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 16625    | 46.363  | ng    | 93       |

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 Response via : Initial Calibration

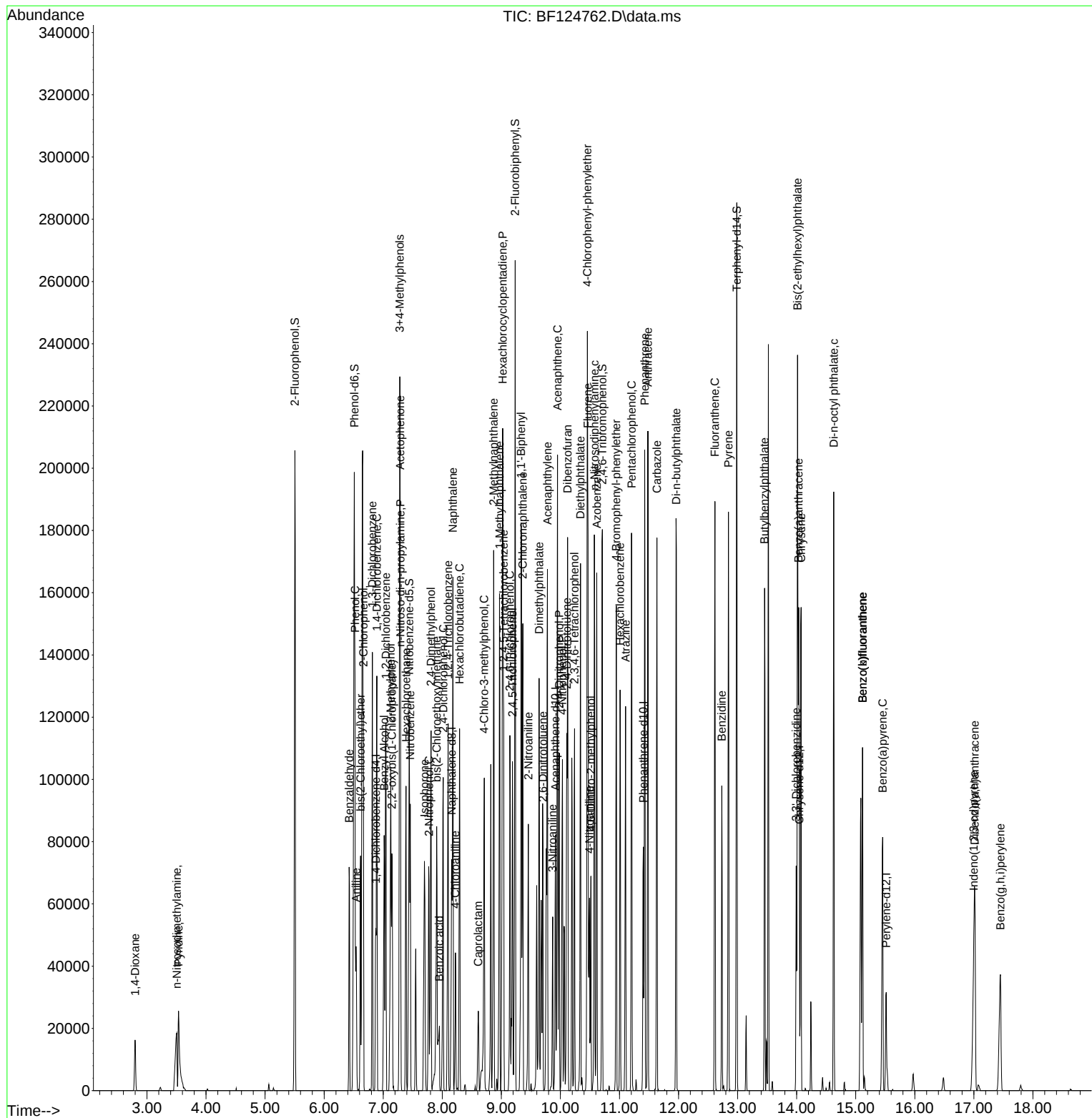
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 16689    | 45.327 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 62135    | 45.979 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 48826    | 45.641 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.457  | 65   | 13891    | 49.590 | ng    | 99       |
| 49) Acenaphthylene            | 9.781  | 152  | 77563    | 47.015 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 59599    | 47.810 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 12589    | 45.712 | ng    | 96       |
| 52) Acenaphthene              | 9.951  | 154  | 47424    | 43.363 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 8433     | 29.106 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 14343    | 90.066 | ng    | 92       |
| 55) Dibenzofuran              | 10.122 | 168  | 69045    | 44.181 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 20307    | 88.755 | ng    | # 82     |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 17488    | 46.794 | ng    | # 86     |
| 58) Fluorene                  | 10.463 | 166  | 53818    | 44.891 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 13287    | 45.694 | ng    | # 93     |
| 60) Diethylphthalate          | 10.339 | 149  | 60259    | 46.486 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 26303    | 45.386 | ng    | 91       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 12791    | 44.617 | ng    | 90       |
| 63) Azobenzene                | 10.616 | 77   | 52130    | 45.456 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 8043     | 38.166 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 47502    | 45.046 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 15378    | 44.559 | ng    | # 82     |
| 68) Hexachlorobenzene         | 11.010 | 284  | 17134    | 47.804 | ng    | 96       |
| 69) Atrazine                  | 11.104 | 200  | 15267    | 47.618 | ng    | 96       |
| 70) Pentachlorophenol         | 11.204 | 266  | 20011    | 89.785 | ng    | 95       |
| 71) Phenanthrene              | 11.428 | 178  | 78403    | 44.797 | ng    | 98       |
| 72) Anthracene                | 11.480 | 178  | 80773    | 46.164 | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 68116    | 41.532 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 99659    | 45.620 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 78278    | 43.828 | ng    | 99       |
| 77) Benzidine                 | 12.733 | 184  | 36228    | 59.732 | ng    | 98       |
| 78) Pyrene                    | 12.845 | 202  | 79009    | 46.401 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 38816    | 47.595 | ng    | 94       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 62912    | 44.748 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 14385    | 36.868 | ng    | 95       |
| 83) Chrysene                  | 14.074 | 228  | 60239    | 44.474 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149  | 56917    | 47.381 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 88417    | 45.358 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.998 | 276  | 43172    | 48.025 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.116 | 252  | 48725    | 44.444 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.116 | 252  | 48725    | 48.641 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.457 | 252  | 45561    | 49.749 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.015 | 278  | 36307    | 46.135 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.451 | 276  | 34670    | 46.458 | ng    | # 89     |

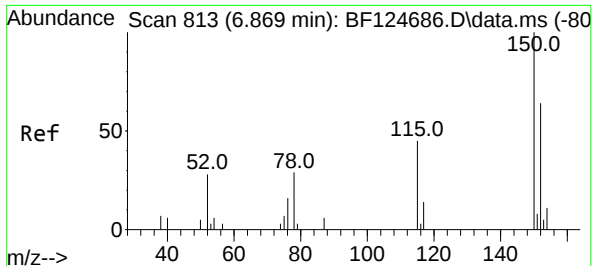
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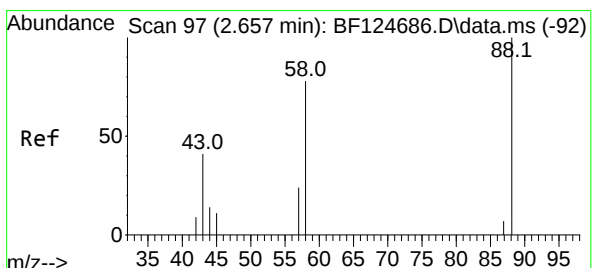
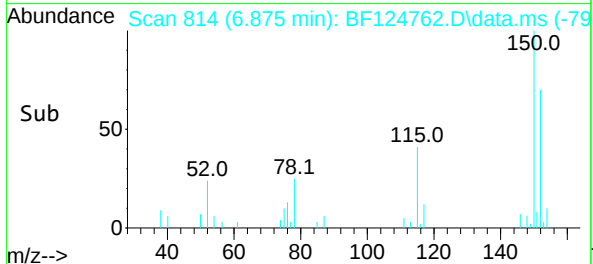
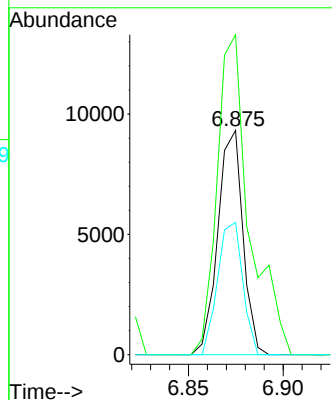
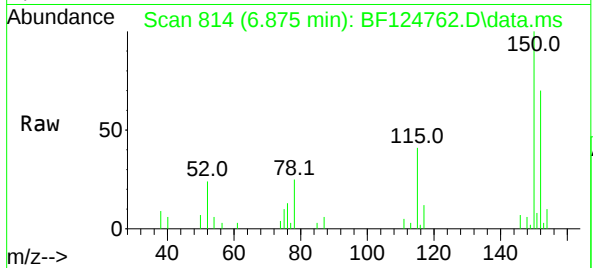




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

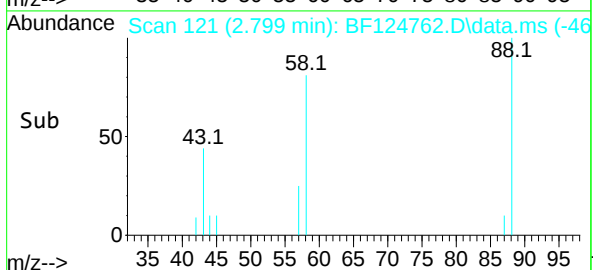
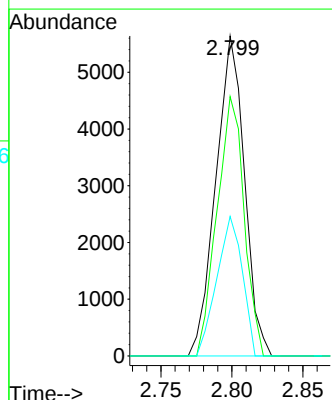
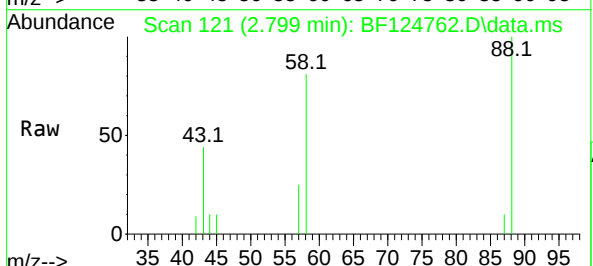
Instrument :  
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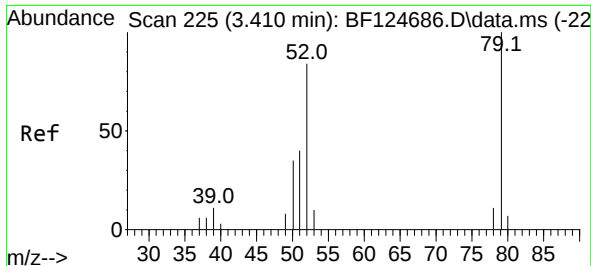
Tgt Ion:152 Resp: 8584  
Ion Ratio Lower Upper  
152 100  
150 142.7 117.6 176.4  
115 59.1 47.1 70.7



#2  
1,4-Dioxane  
Concen: 44.601 ng  
RT: 2.799 min Scan# 121  
Delta R.T. 0.141 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion: 88 Resp: 7904  
Ion Ratio Lower Upper  
88 100  
58 76.4 0.0 0.0#  
43 38.8 0.0 0.0#

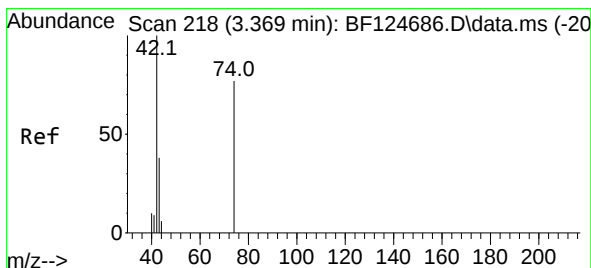
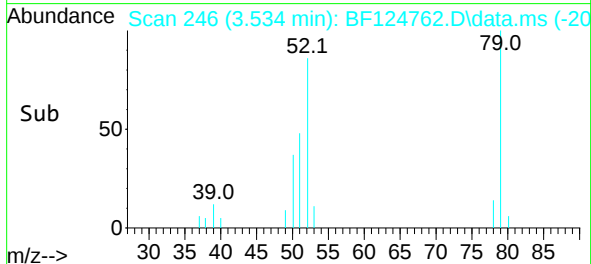
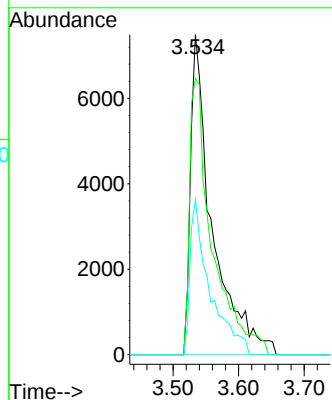
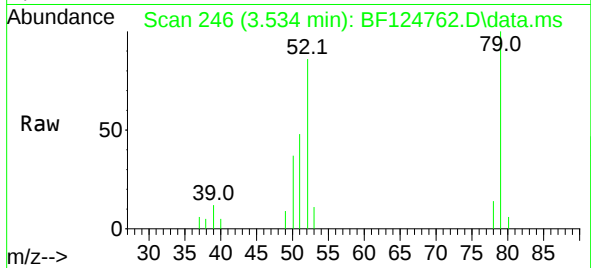




#3  
Pyridine  
Concen: 41.038 ng  
RT: 3.534 min Scan# 246  
Delta R.T. 0.124 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

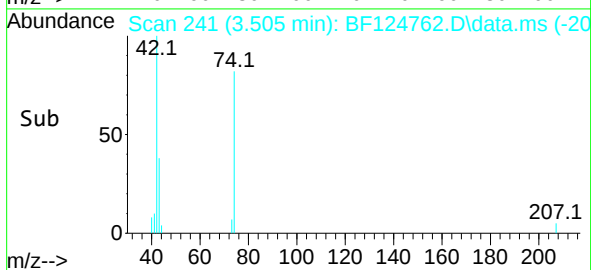
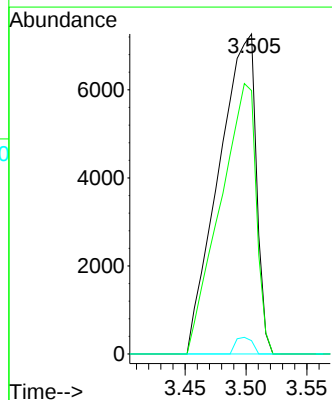
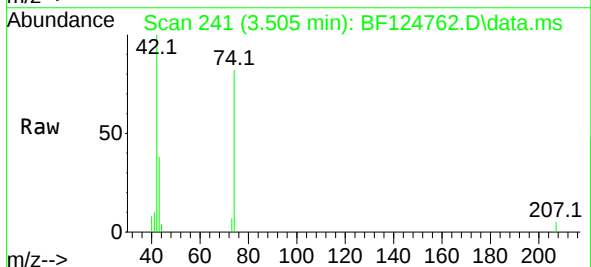
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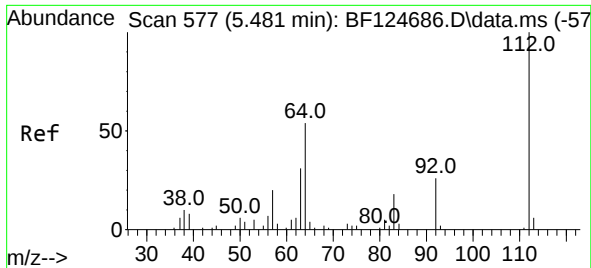
|             |             |
|-------------|-------------|
| Tgt Ion: 79 | Resp: 17216 |
| Ion Ratio   | Lower Upper |
| 79 100      |             |
| 52 86.4     | 70.3 105.5  |
| 51 48.5     | 44.1 66.1   |



#4  
n-Nitrosodimethylamine  
Concen: 46.952 ng  
RT: 3.505 min Scan# 241  
Delta R.T. 0.135 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 15577 |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 74 82.3     | 59.0 88.6   |
| 44 4.2      | 0.0 0.0     |

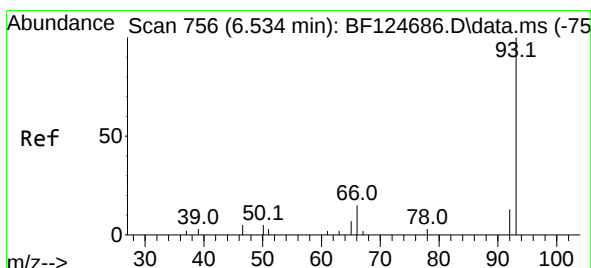
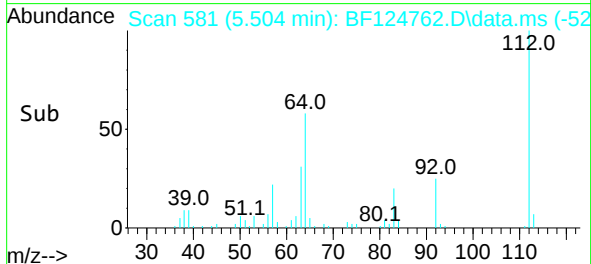
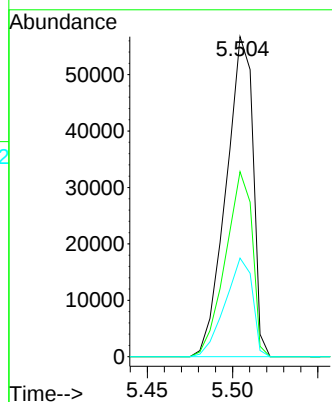
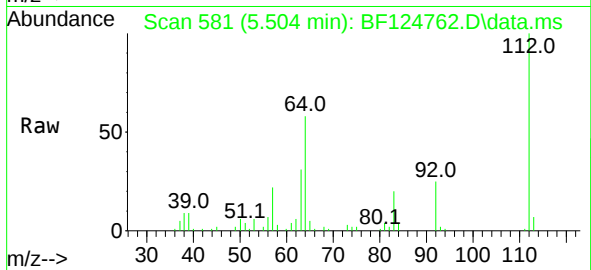




#5  
2-Fluorophenol  
Concen: 122.853 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.024 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

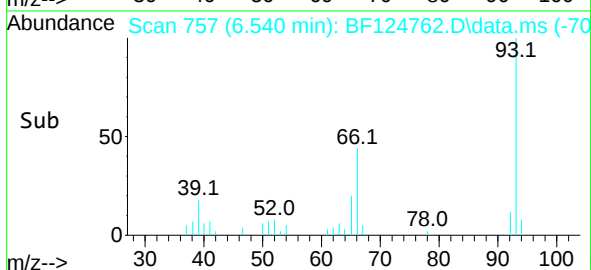
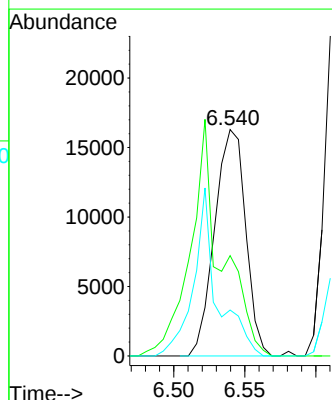
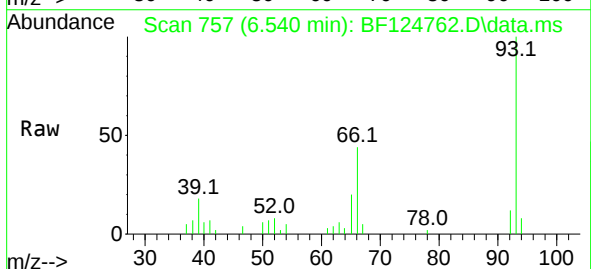
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ClientSampled :  
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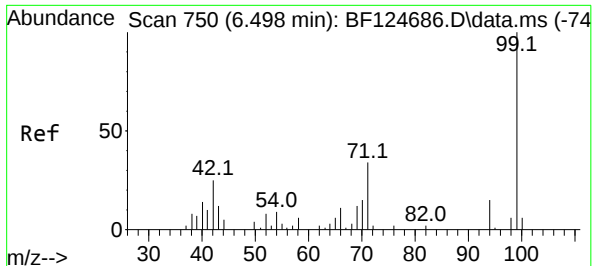
Tgt Ion:112 Resp: 62284  
Ion Ratio Lower Upper  
112 100  
64 57.8 44.2 66.2  
63 30.8 26.2 39.2



#6  
Aniline  
Concen: 37.831 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion: 93 Resp: 24711  
Ion Ratio Lower Upper  
93 100  
66 44.3 32.7 49.1  
65 20.3 14.2 21.4

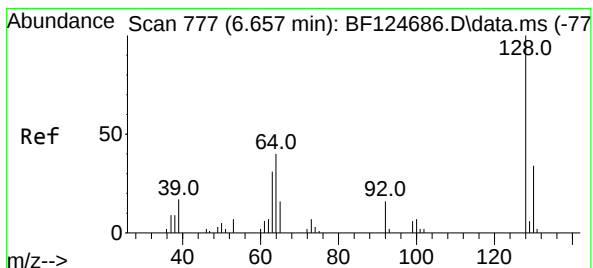
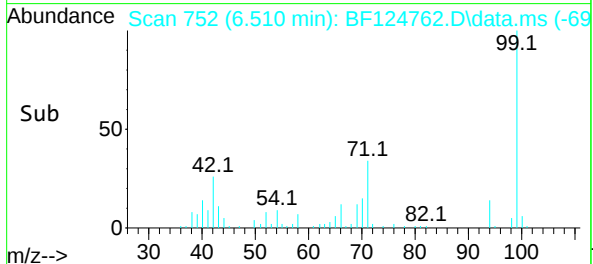
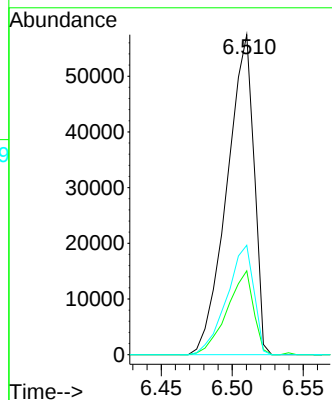
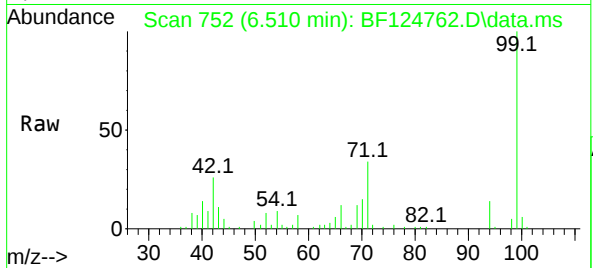




#7  
Phenol-d6  
Concen: 119.401 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

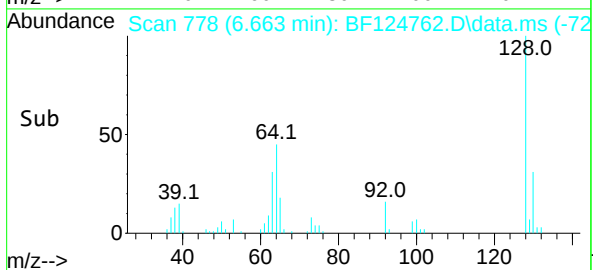
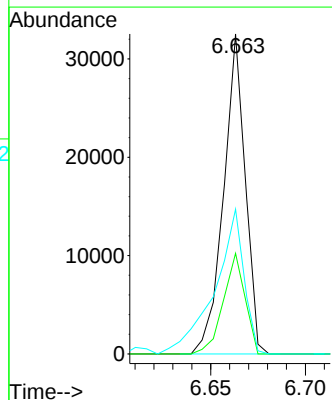
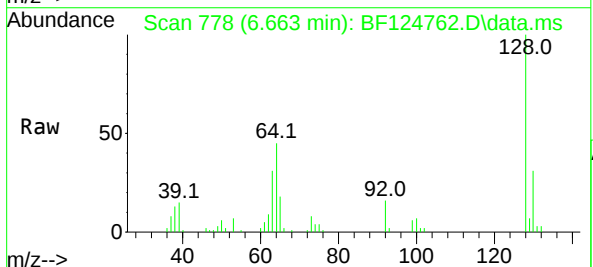
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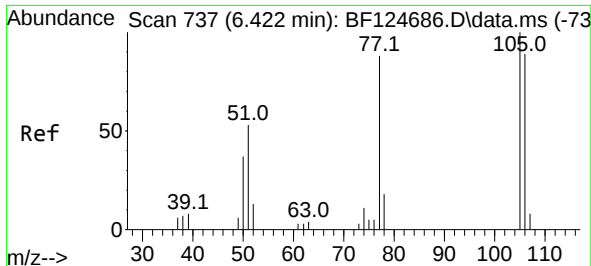
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|-------------|-------------|
| Tgt Ion: 99 | Resp: 75889 |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 26.2     | 23.5 35.3   |
| 71 34.2     | 25.6 38.4   |



#8  
2-Chlorophenol  
Concen: 45.233 ng  
RT: 6.663 min Scan# 778  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|              |             |
|--------------|-------------|
| Tgt Ion: 128 | Resp: 25865 |
| Ion Ratio    | Lower Upper |
| 128 100      |             |
| 130 31.5     | 10.5 50.5   |
| 64 45.2      | 20.3 60.3   |

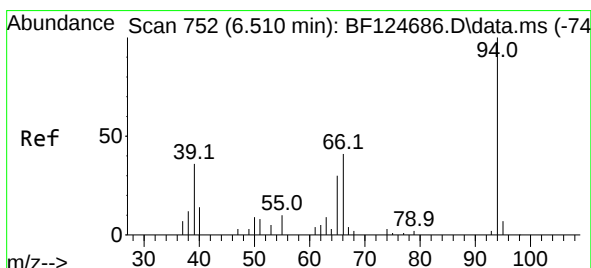
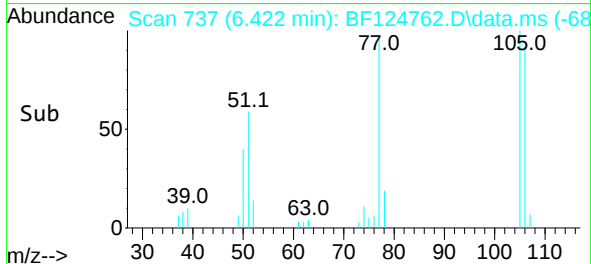
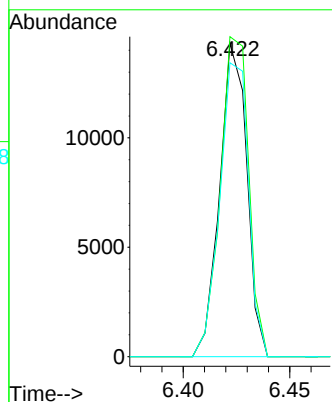
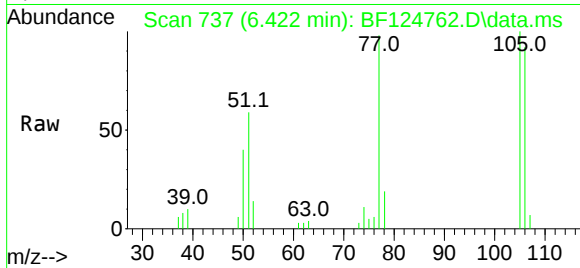




#9  
Benzaldehyde  
Concen: 37.128 ng  
RT: 6.422 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

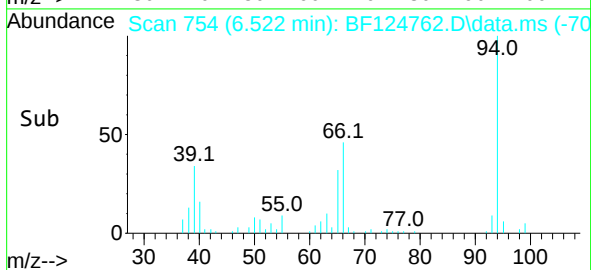
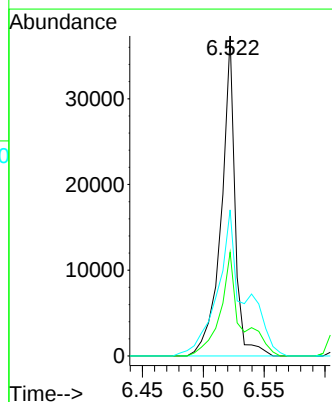
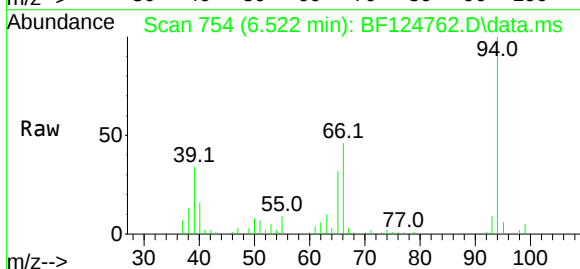
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

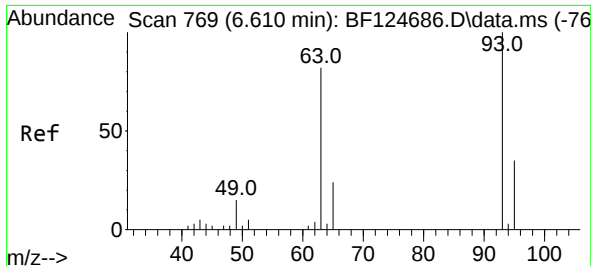
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 12705 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 102.1 | 75.9  | 115.9 |
| 106      | 93.8  | 84.0  | 124.0 |



#10  
Phenol  
Concen: 48.580 ng  
RT: 6.522 min Scan# 754  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 29568 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 32.4  | 9.3   | 49.3  |
| 66       | 45.6  | 20.3  | 60.3  |

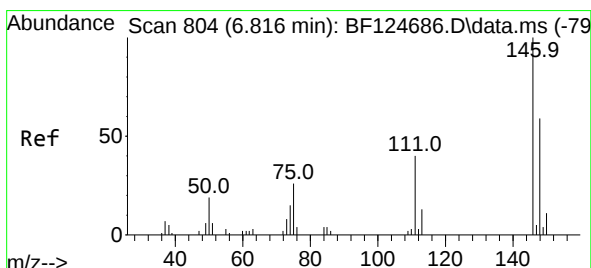
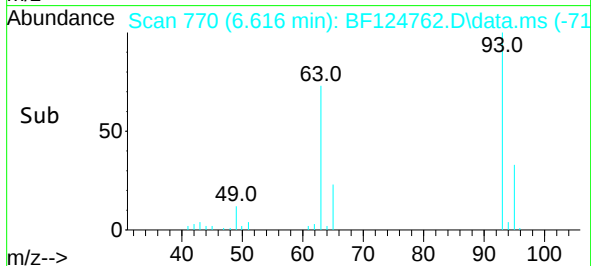
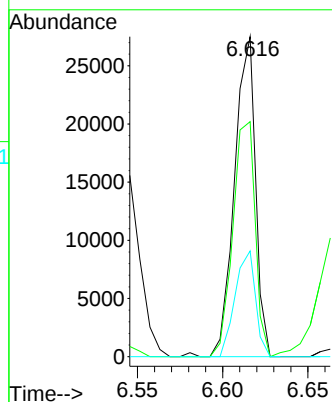
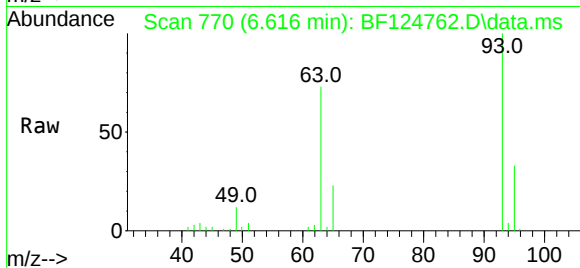




#11  
bis(2-Chloroethyl)ether  
Concen: 48.862 ng  
RT: 6.616 min Scan# 770  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

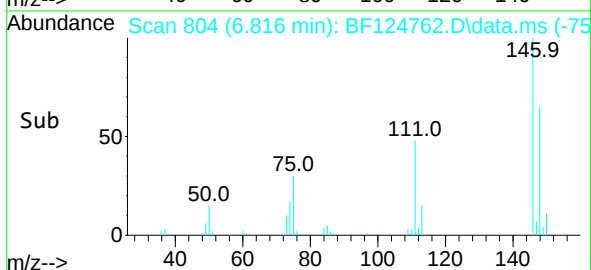
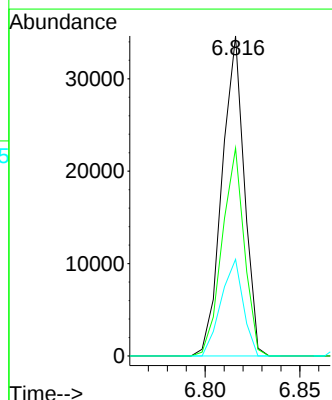
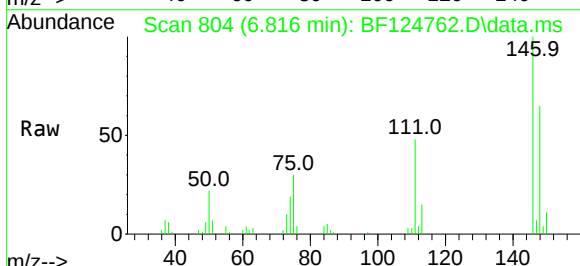
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

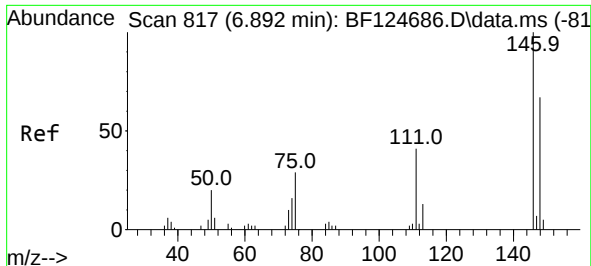
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 93 | Resp: | 23580 |       |
| Ion         | Ratio | Lower | Upper |
| 93          | 100   |       |       |
| 63          | 73.4  | 54.4  | 94.4  |
| 95          | 33.0  | 11.4  | 51.4  |



#12  
1,3-Dichlorobenzene  
Concen: 45.582 ng  
RT: 6.816 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:146 | Resp: | 28329 |       |
| Ion         | Ratio | Lower | Upper |
| 146         | 100   |       |       |
| 148         | 64.9  | 49.7  | 74.5  |
| 75          | 30.2  | 25.2  | 37.8  |

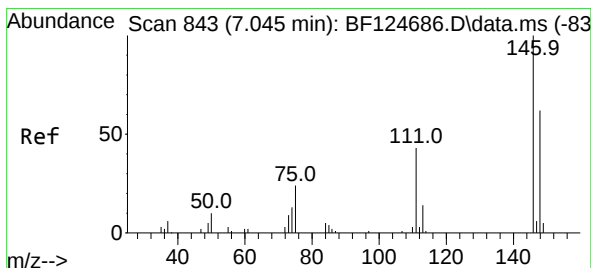
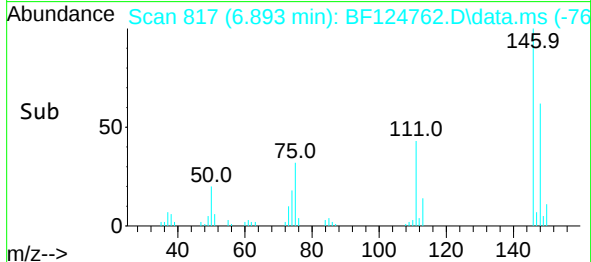
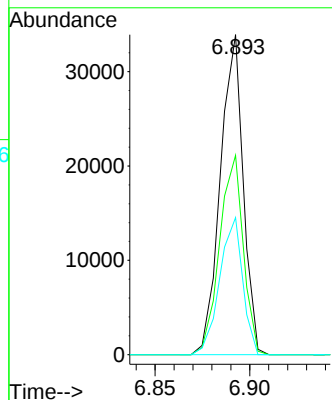
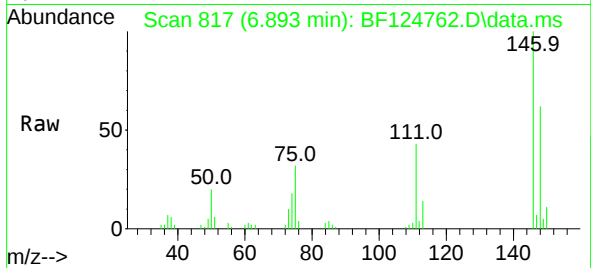




#13  
1,4-Dichlorobenzene  
Concen: 45.763 ng  
RT: 6.893 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

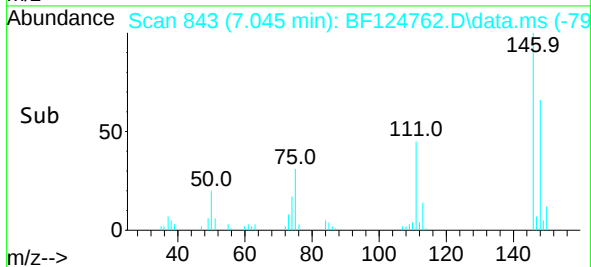
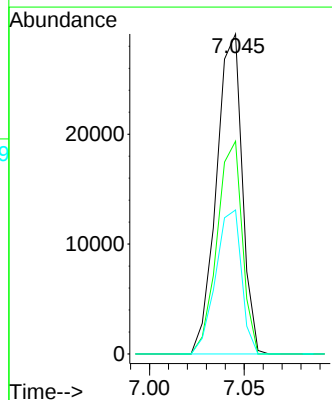
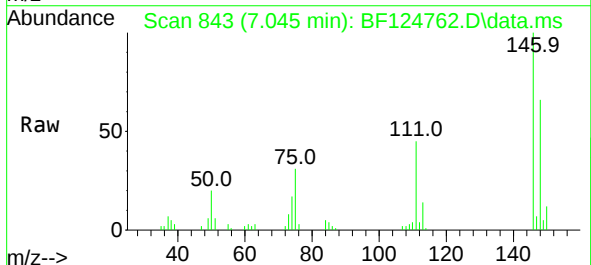
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

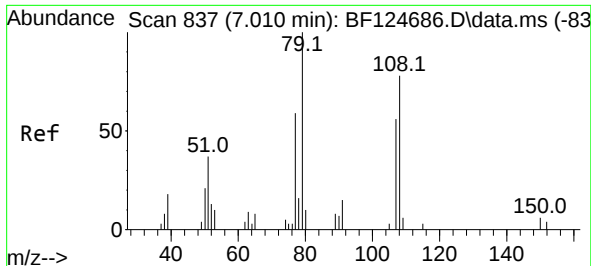
Tgt Ion:146 Resp: 28453  
Ion Ratio Lower Upper  
146 100  
148 62.3 51.9 77.9  
111 42.9 31.8 47.6



#14  
1,2-Dichlorobenzene  
Concen: 45.862 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:146 Resp: 27551  
Ion Ratio Lower Upper  
146 100  
148 66.5 50.6 75.8  
111 45.0 33.5 50.3





#15

Benzyl Alcohol

Concen: 48.845 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

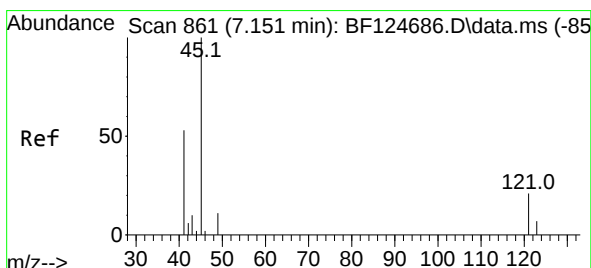
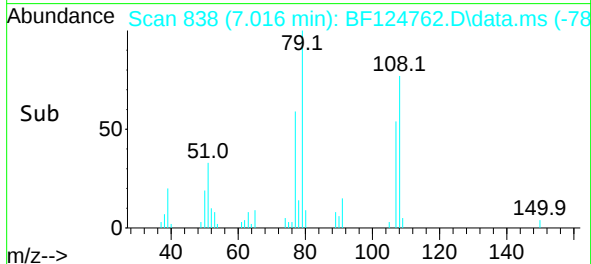
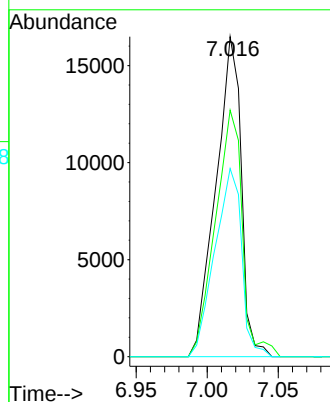
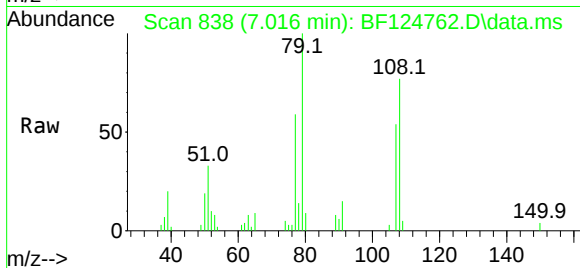
Tgt Ion: 79 Resp: 20415

Ion Ratio Lower Upper

79 100

108 77.0 60.4 90.6

77 58.8 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.084 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

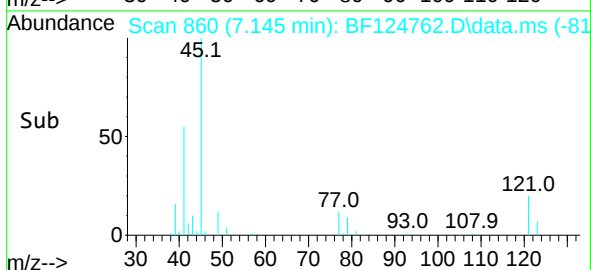
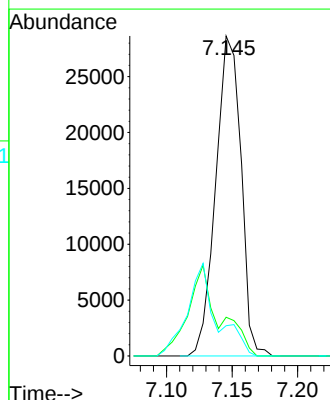
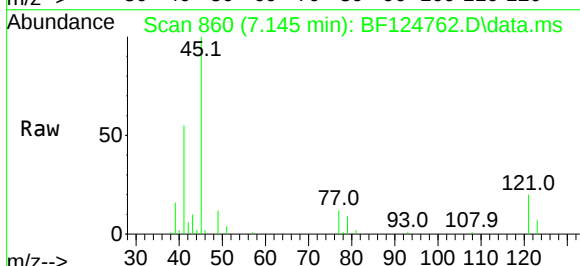
Tgt Ion: 45 Resp: 38244

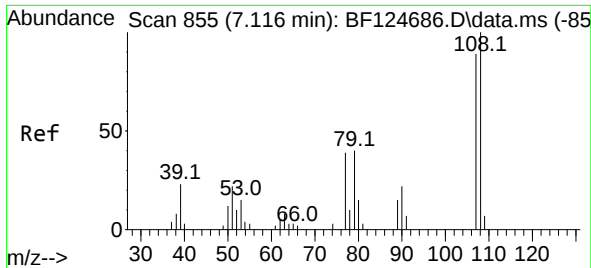
Ion Ratio Lower Upper

45 100

77 12.1 0.0 30.6

79 9.5 0.0 27.5

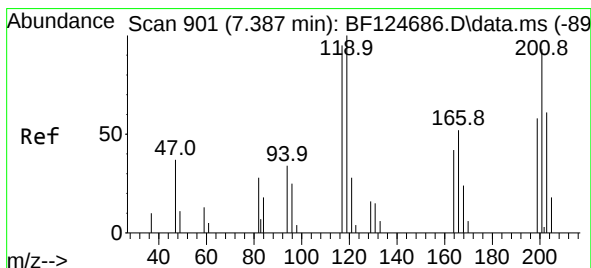
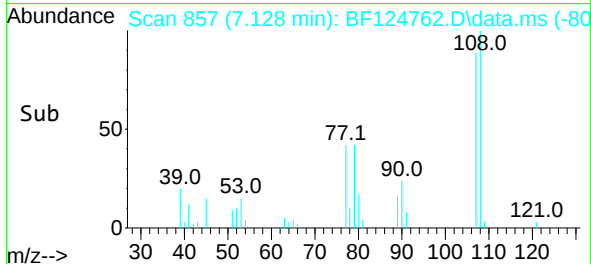
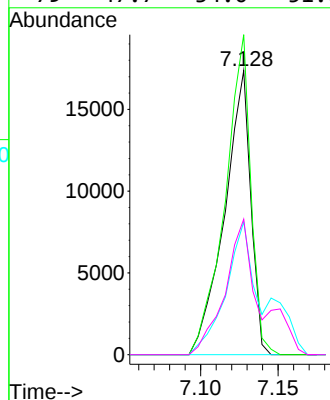
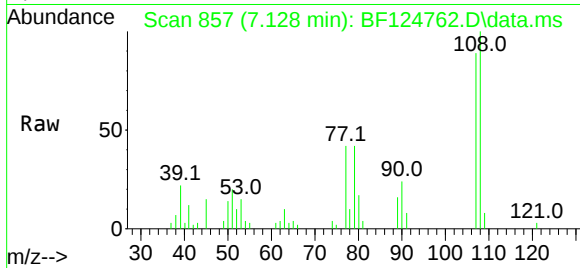




#17  
2-Methylphenol  
Concen: 48.860 ng  
RT: 7.128 min Scan# 857  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

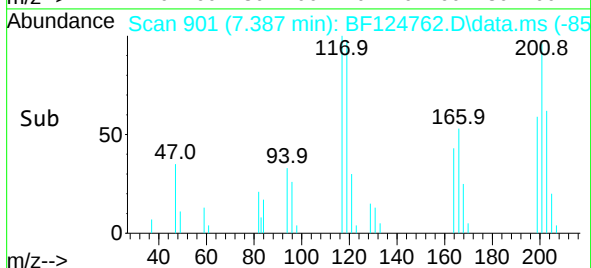
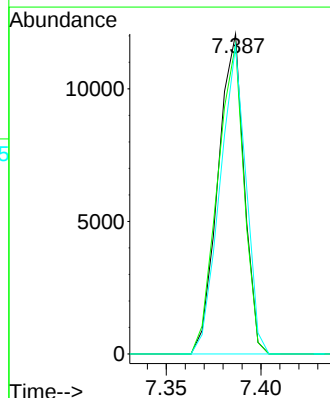
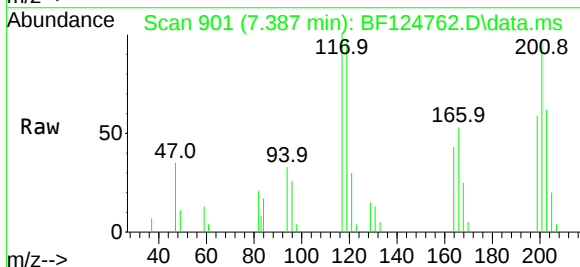
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

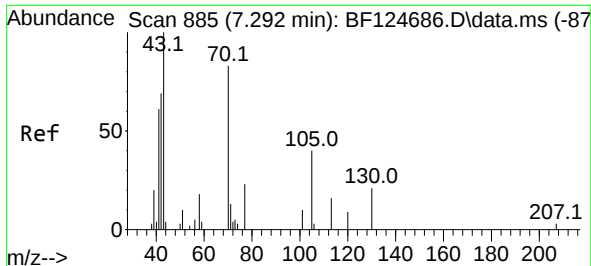
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 20354 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.6 | 90.6  | 135.8 |
| 77       | 46.7  | 35.7  | 53.5  |
| 79       | 47.7  | 34.0  | 51.0  |



#18  
Hexachloroethane  
Concen: 48.943 ng  
RT: 7.387 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

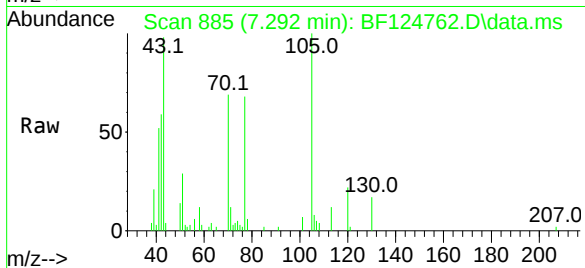
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 11534 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.8  | 73.4  | 110.2 |
| 201      | 96.3  | 64.9  | 97.3  |





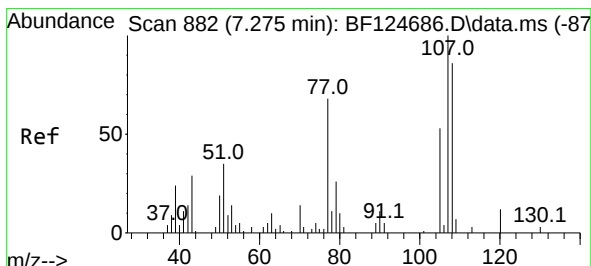
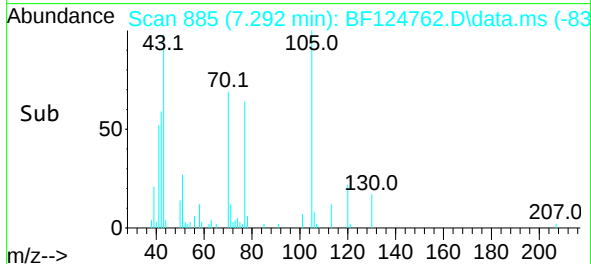
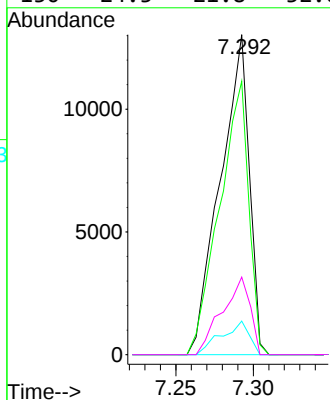
#19  
n-Nitroso-di-n-propylamine  
Concen: 49.851 ng  
RT: 7.292 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS



Tgt Ion: 70 Resp: 16919

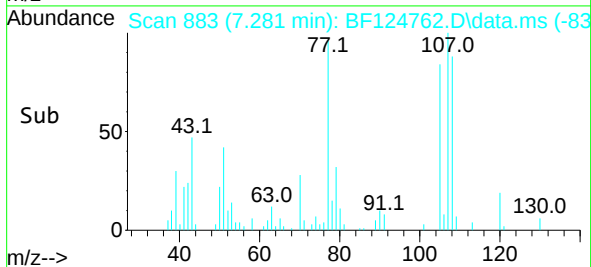
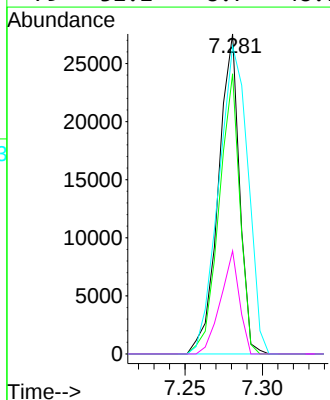
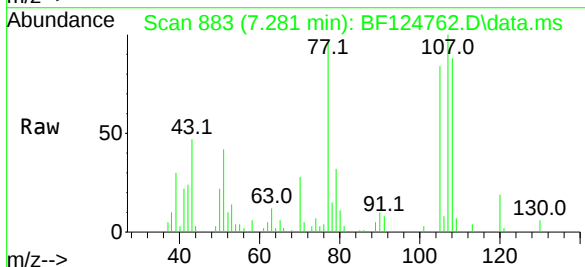
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 85.4  | 72.2  | 108.2 |
| 101 | 10.5  | 7.8   | 11.8  |
| 130 | 24.3  | 21.8  | 32.6  |

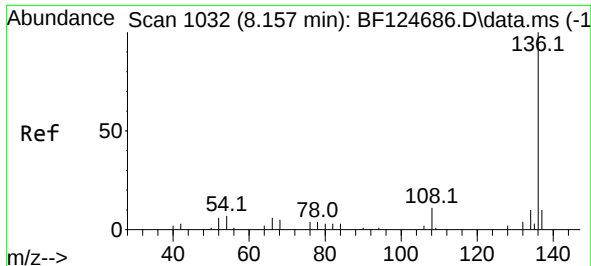


#20  
3+4-Methylphenols  
Concen: 47.375 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion: 107 Resp: 26075

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.5  | 76.6  | 116.6 |
| 77  | 96.3  | 53.3  | 93.3# |
| 79  | 32.2  | 8.7   | 48.7  |

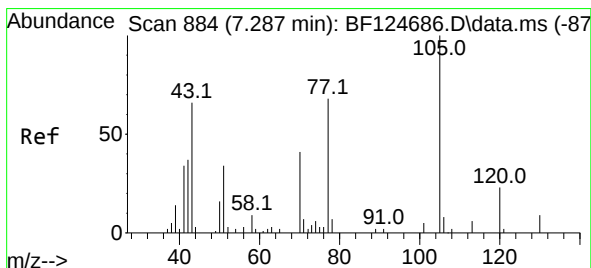
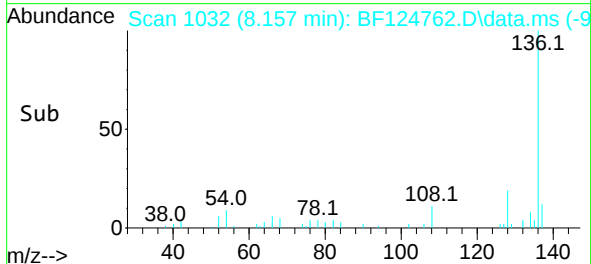
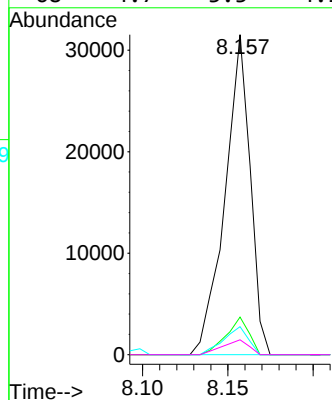
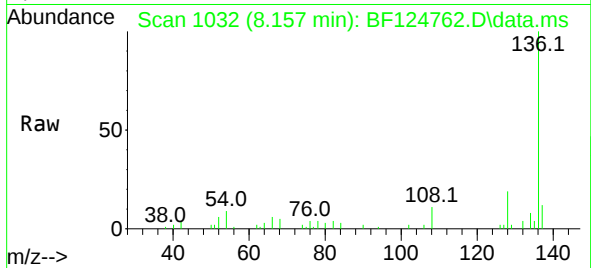




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

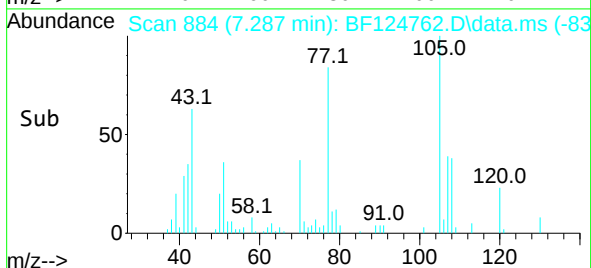
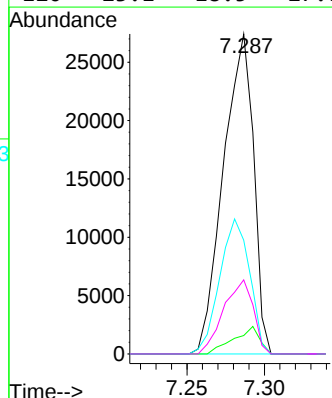
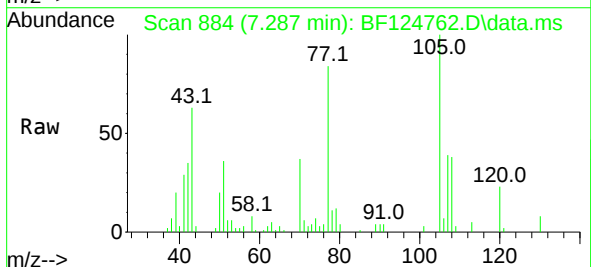
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

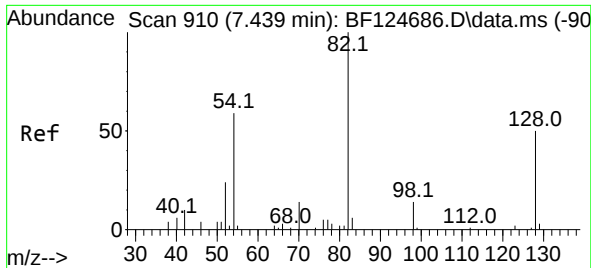
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 32398    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.7  | 9.8 14.6 |
| 54          | 8.7   | 6.4 9.6  |
| 68          | 4.7   | 3.3 4.9  |



#22  
Acetophenone  
Concen: 49.291 ng  
RT: 7.287 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 37007     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 5.8   | 5.5 8.3   |
| 51          | 35.6  | 26.0 39.0 |
| 120         | 23.1  | 18.5 27.7 |

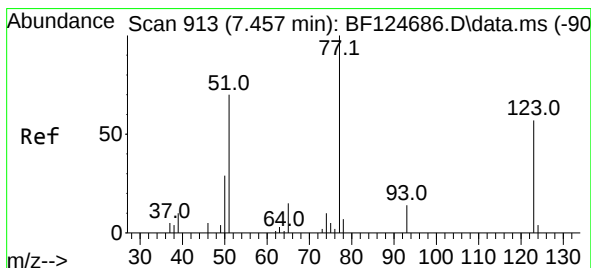
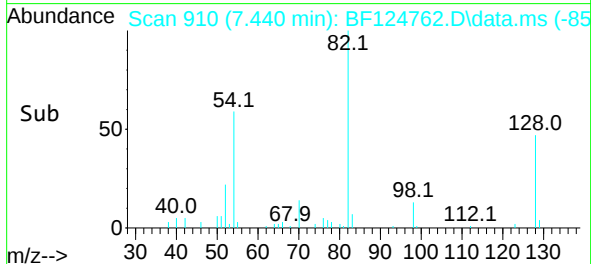
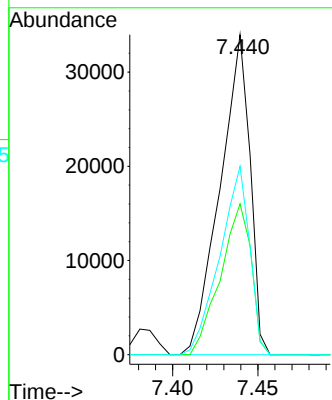
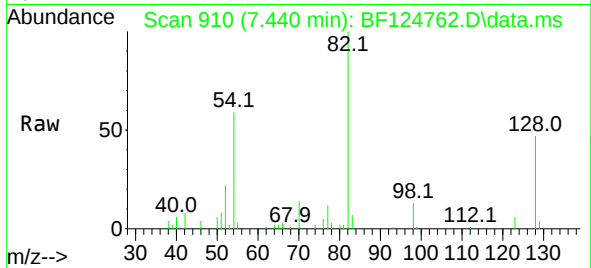




#23  
Nitrobenzene-d5  
Concen: 76.077 ng  
RT: 7.440 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

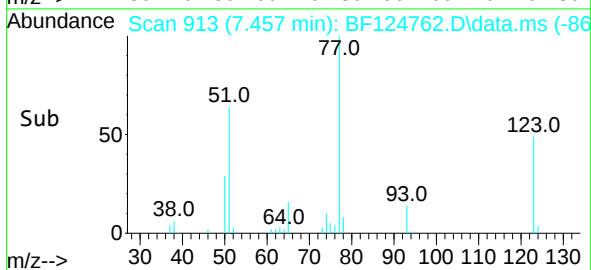
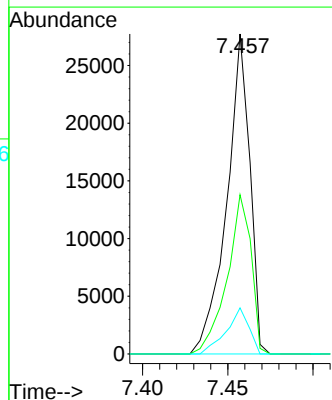
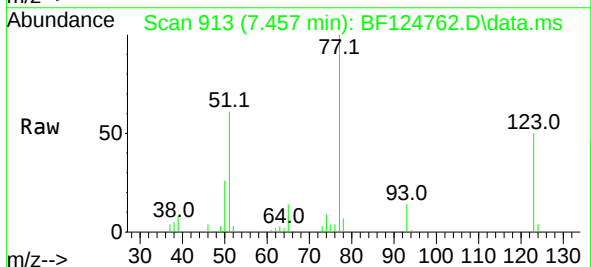
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

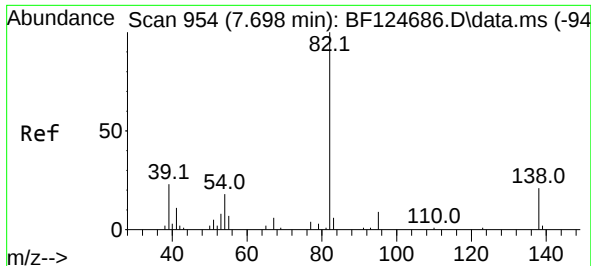
Tgt Ion: 82 Resp: 41412  
Ion Ratio Lower Upper  
82 100  
128 47.2 40.6 60.8  
54 58.9 49.6 74.4



#24  
Nitrobenzene  
Concen: 48.811 ng  
RT: 7.457 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion: 77 Resp: 26049  
Ion Ratio Lower Upper  
77 100  
123 49.8 42.3 63.5  
65 14.4 12.4 18.6

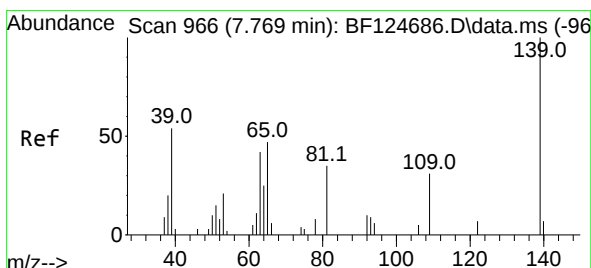
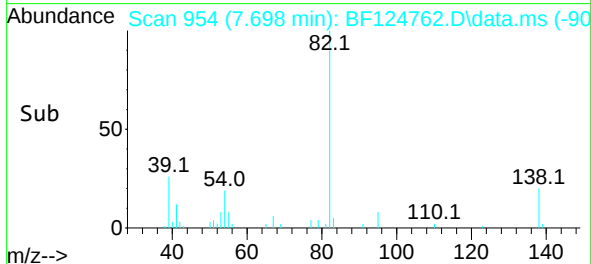
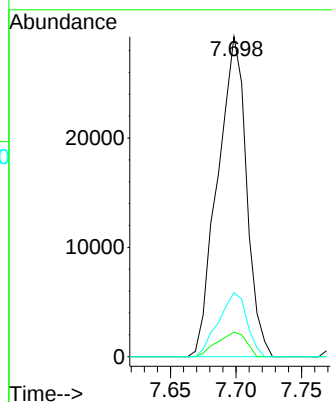
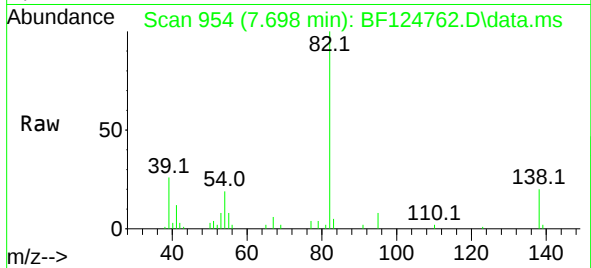




#25  
Isophorone  
Concen: 46.555 ng  
RT: 7.698 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

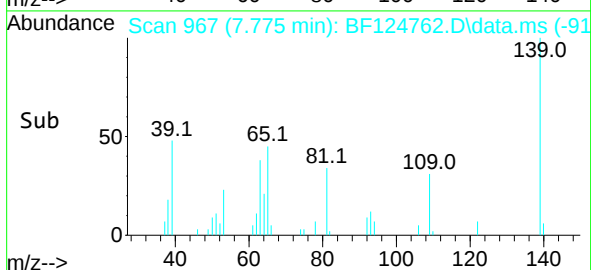
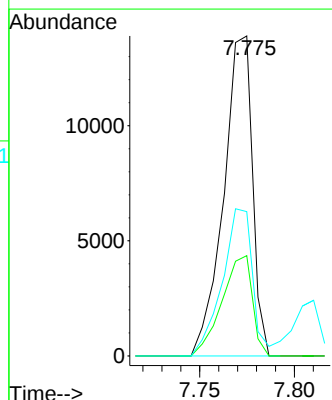
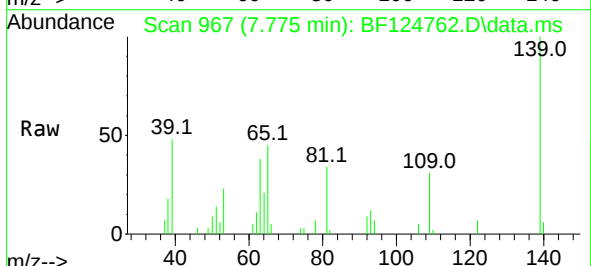
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

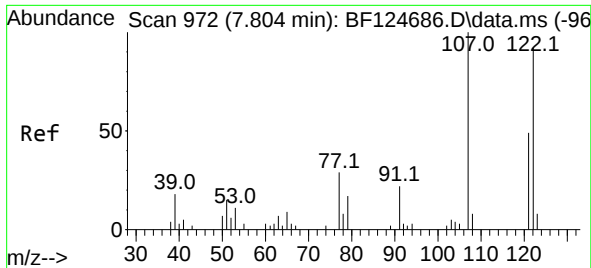
Tgt Ion: 82 Resp: 44810  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.5 9.7  
138 20.0 18.4 27.6



#26  
2-Nitrophenol  
Concen: 49.722 ng  
RT: 7.775 min Scan# 967  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion: 139 Resp: 14697  
Ion Ratio Lower Upper  
139 100  
109 31.3 26.0 39.0  
65 45.1 31.0 46.4

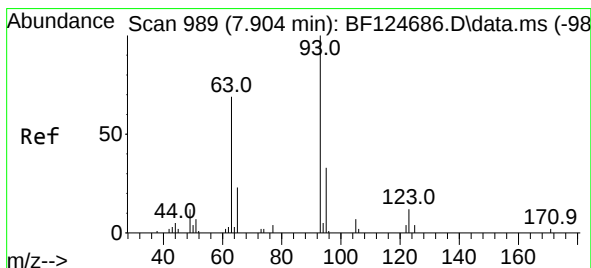
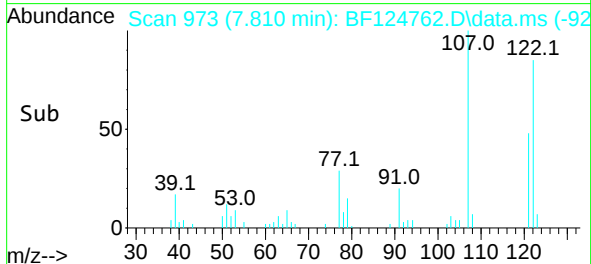
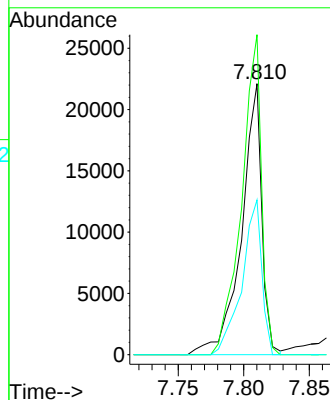
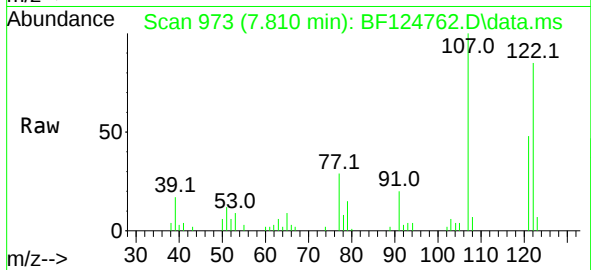




#27  
2,4-Dimethylphenol  
Concen: 52.407 ng  
RT: 7.810 min Scan# 973  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

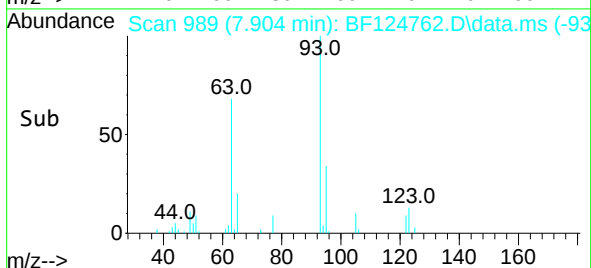
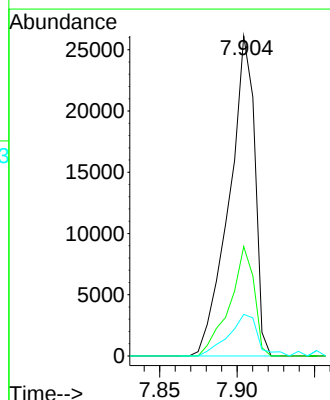
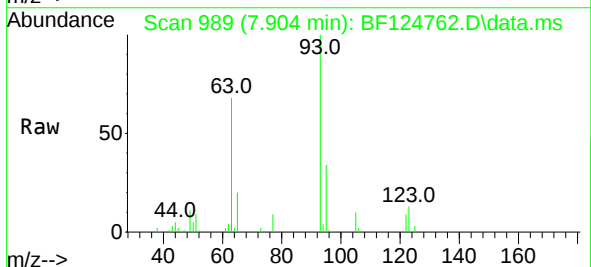
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

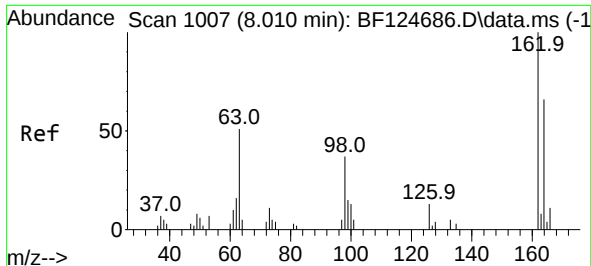
Tgt Ion:122 Resp: 23836  
Ion Ratio Lower Upper  
122 100  
107 118.0 85.0 127.6  
121 57.1 43.3 64.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 53.546 ng  
RT: 7.904 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion: 93 Resp: 29950  
Ion Ratio Lower Upper  
93 100  
95 34.2 26.1 39.1  
123 13.0 11.7 17.5

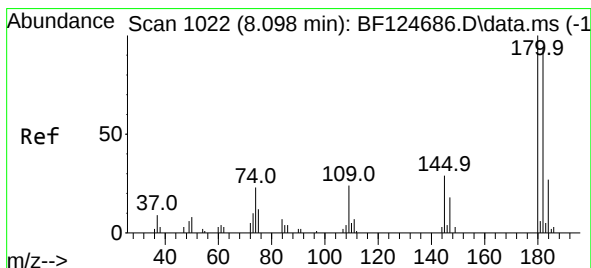
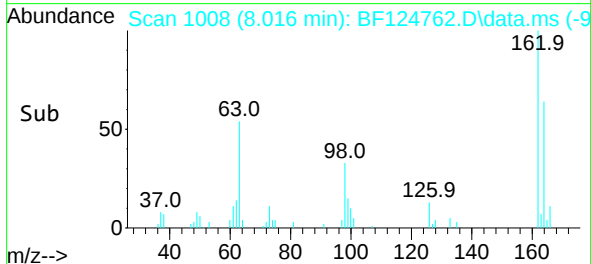
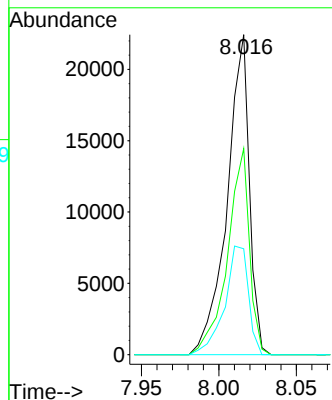
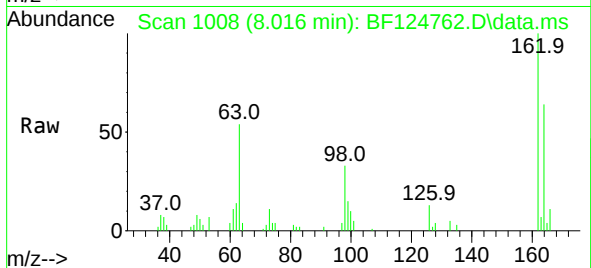




#29  
2,4-Dichlorophenol  
Concen: 46.463 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

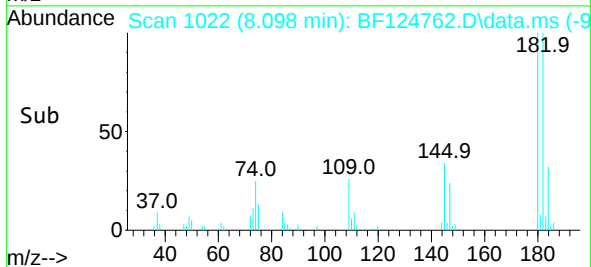
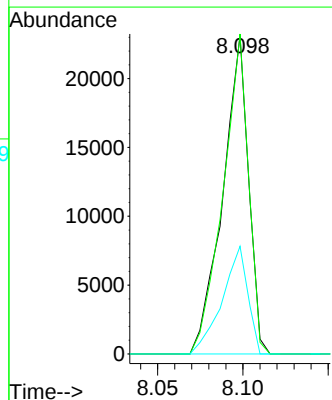
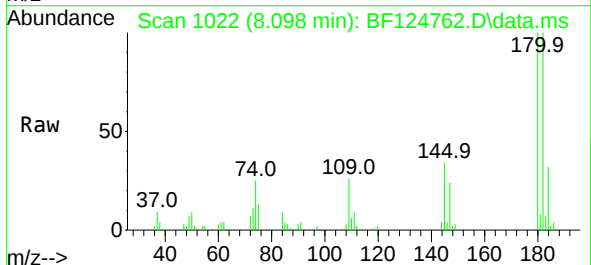
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

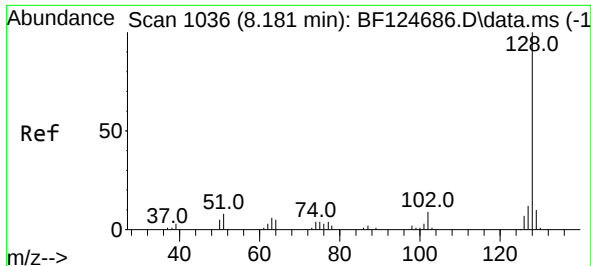
Tgt Ion:162 Resp: 22381  
Ion Ratio Lower Upper  
162 100  
164 64.4 44.5 84.5  
98 33.1 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 46.005 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

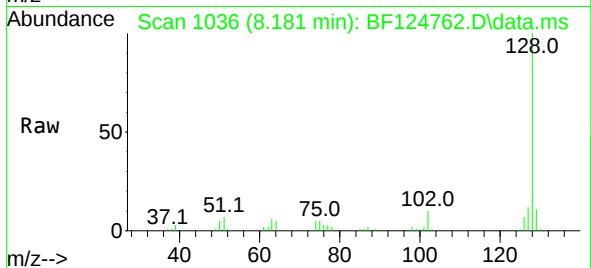
Tgt Ion:180 Resp: 24288  
Ion Ratio Lower Upper  
180 100  
182 100.5 76.8 115.2  
145 33.8 26.7 40.1



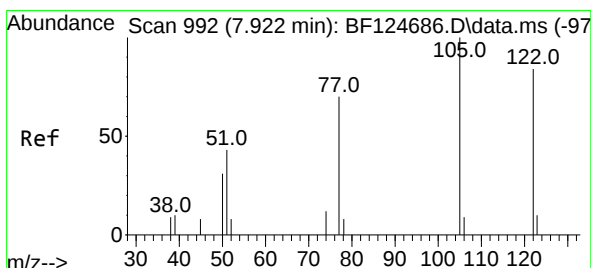
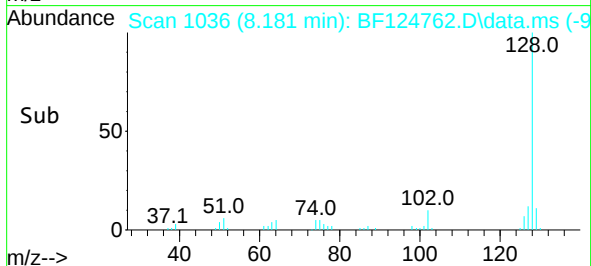
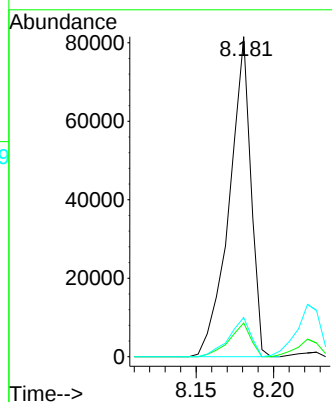


#31  
Naphthalene  
Concen: 46.763 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

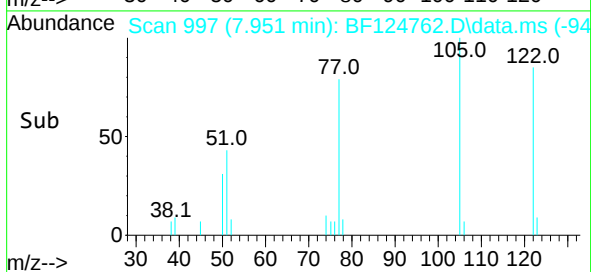
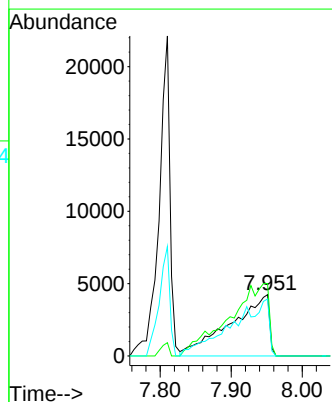
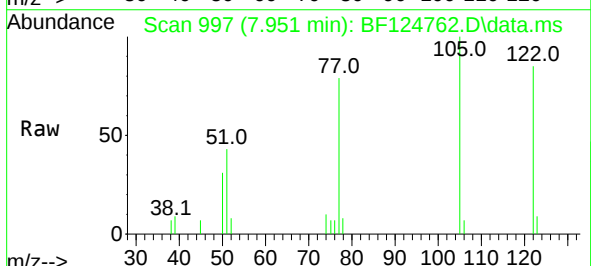


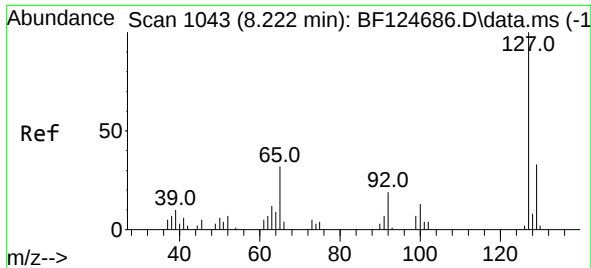
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 79064 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 10.6  | 9.4   | 14.0  |
| 127       | 12.3  | 10.9  | 16.3  |



#32  
Benzoic acid  
Concen: 45.500 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.029 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 16018 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 118.1 | 97.6  | 137.6 |
| 77        | 92.9  | 59.6  | 99.6  |

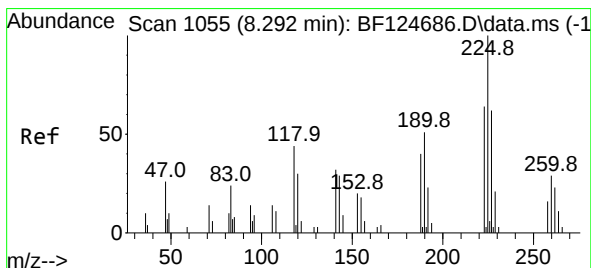
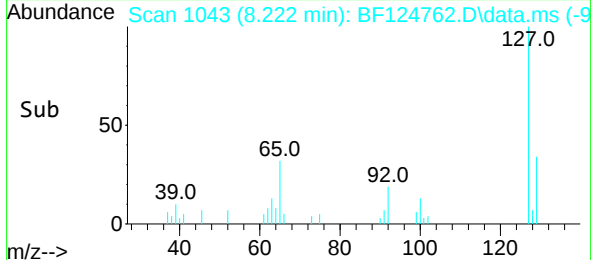
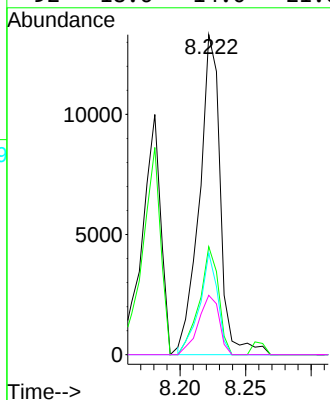
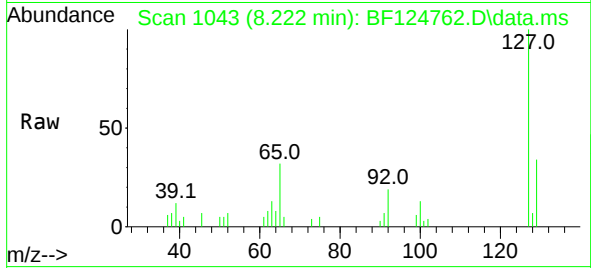




#33  
4-Chloroaniline  
Concen: 23.365 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

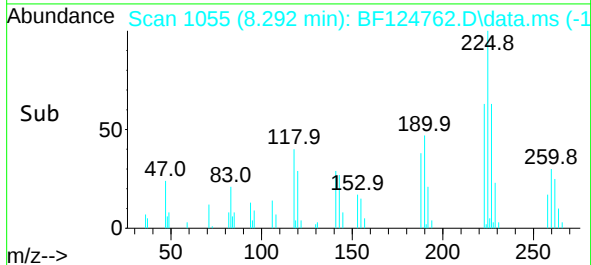
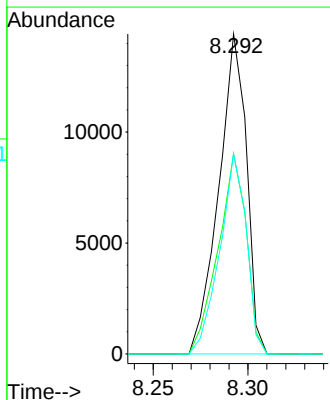
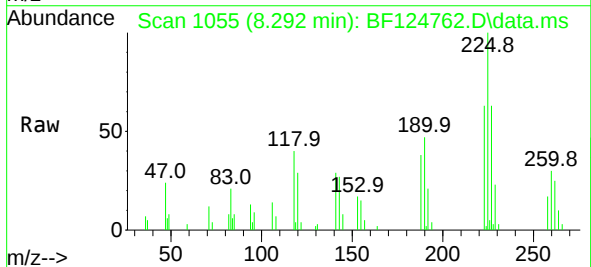
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

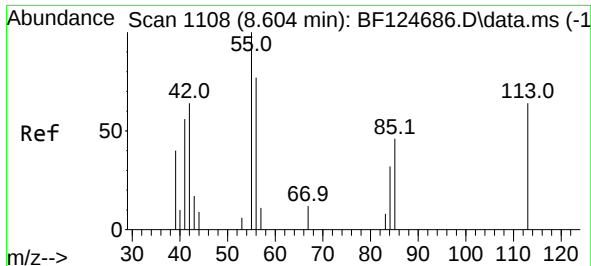
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 14855 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.7  | 25.7  | 38.5  |
| 65       | 31.8  | 21.2  | 31.8# |
| 92       | 18.6  | 14.0  | 21.0  |



#34  
Hexachlorobutadiene  
Concen: 46.475 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 14667 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.5  | 50.6  | 76.0  |
| 227      | 62.6  | 50.6  | 75.8  |

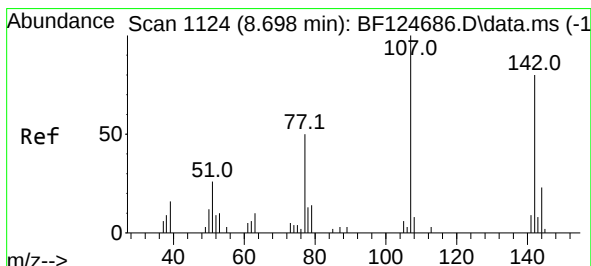
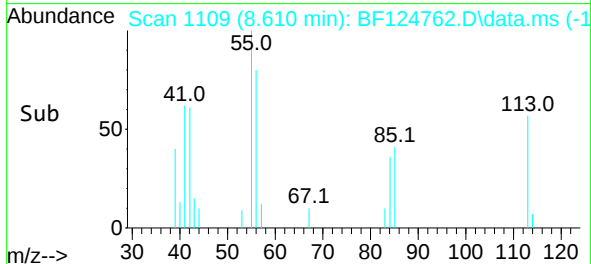
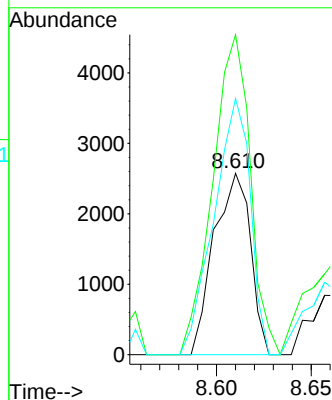
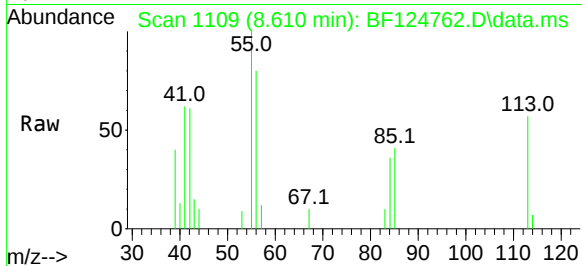




#35  
Caprolactam  
Concen: 27.468 ng  
RT: 8.610 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

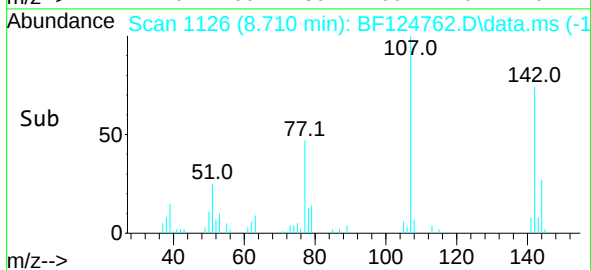
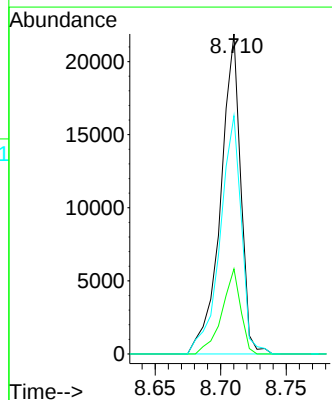
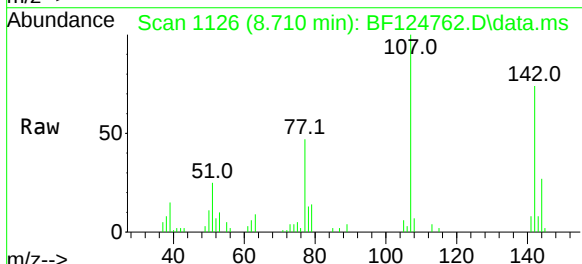
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

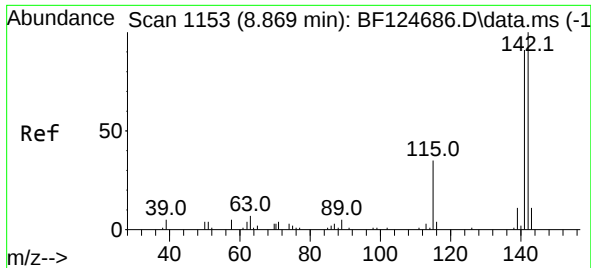
Tgt Ion:113 Resp: 3439  
Ion Ratio Lower Upper  
113 100  
55 176.5 154.1 194.1  
56 141.4 108.7 148.7



#36  
4-Chloro-3-methylphenol  
Concen: 50.588 ng  
RT: 8.710 min Scan# 1126  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:107 Resp: 23243  
Ion Ratio Lower Upper  
107 100  
144 26.6 21.9 32.9  
142 74.4 67.1 100.7

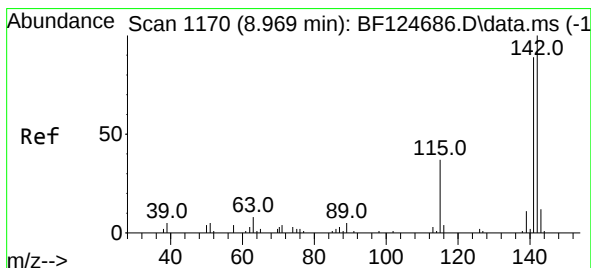
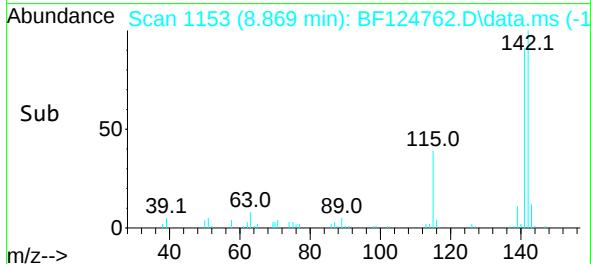
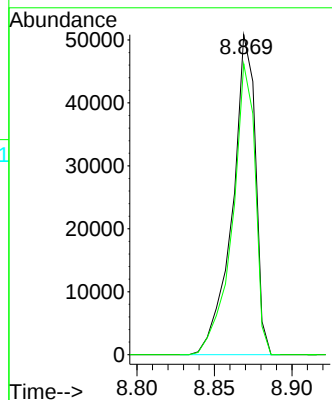
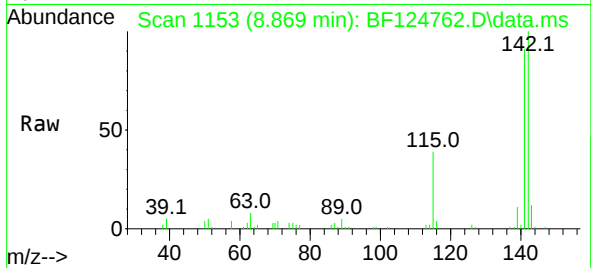




#37  
2-Methylnaphthalene  
Concen: 46.610 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

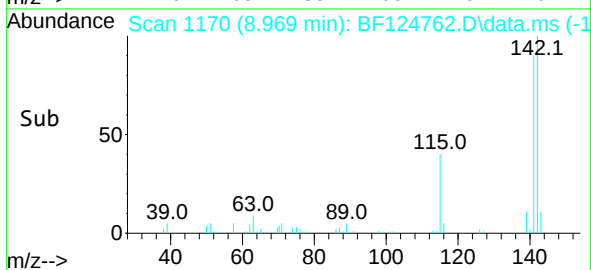
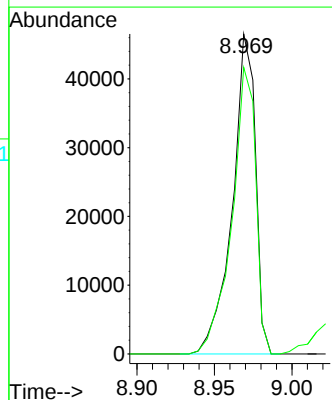
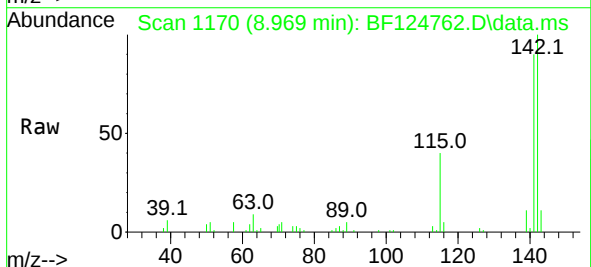
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

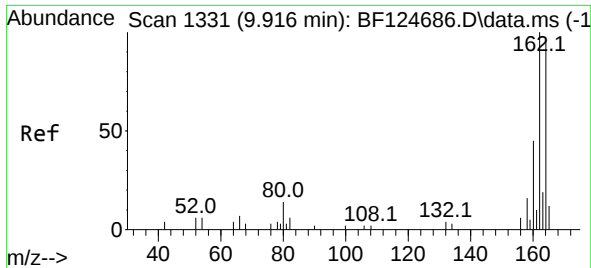
Tgt Ion:142 Resp: 52655  
Ion Ratio Lower Upper  
142 100  
141 90.9 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 44.949 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:142 Resp: 48105  
Ion Ratio Lower Upper  
142 100  
141 89.6 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

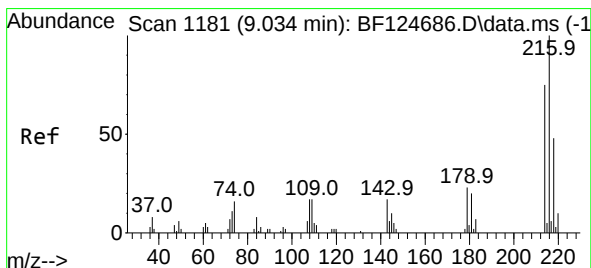
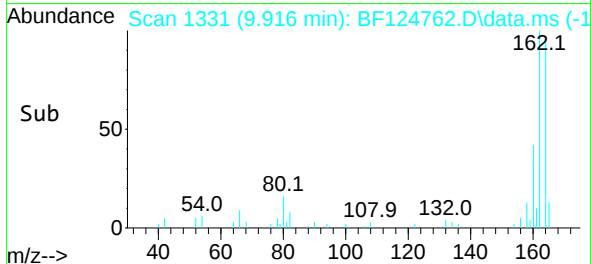
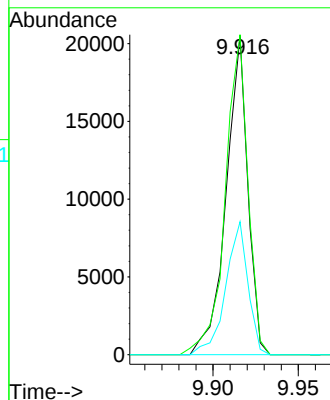
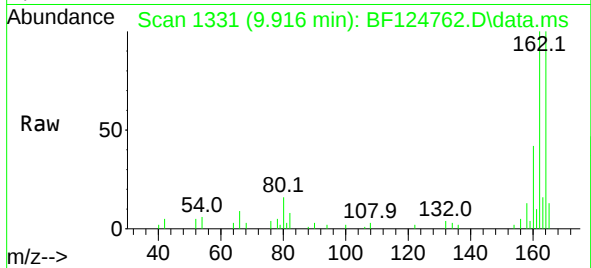
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 18104      |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 100.4 | 81.3 121.9 |
| 160         | 41.7  | 38.0 57.0  |

Instrument :

BNA\_F

ClientSampleId :

PB137842BS



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.747 ng

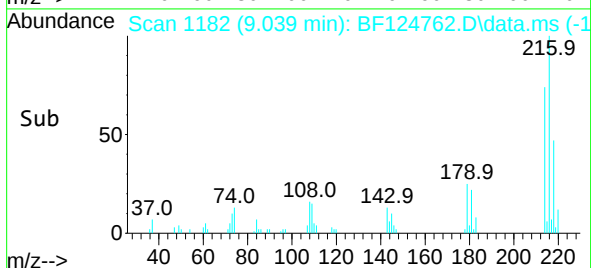
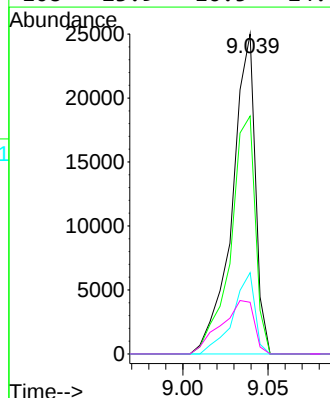
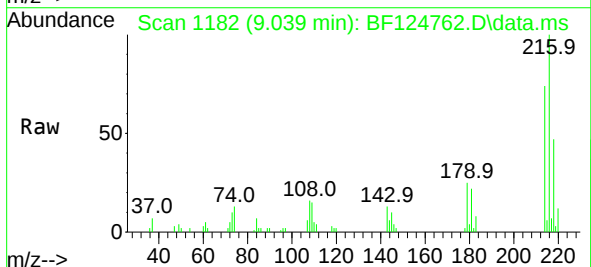
RT: 9.039 min Scan# 1182

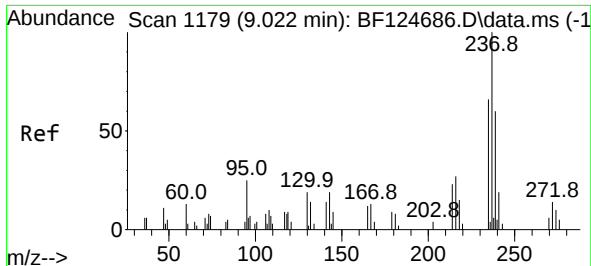
Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:216 | Resp: | 23613     |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.1  | 64.9 97.3 |
| 179         | 24.0  | 17.4 26.2 |
| 108         | 23.9  | 16.5 24.7 |

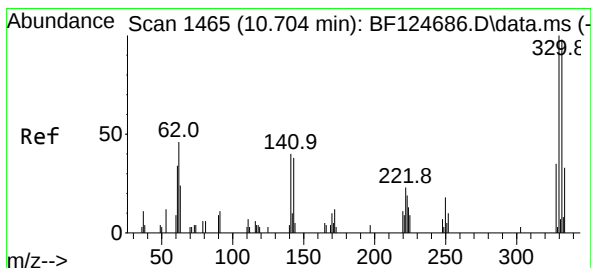
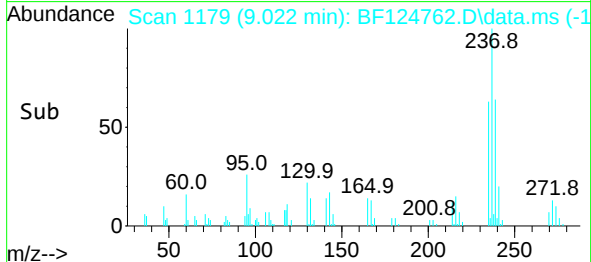
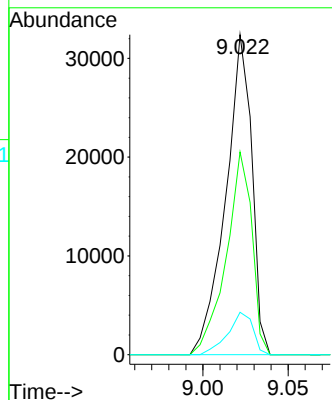
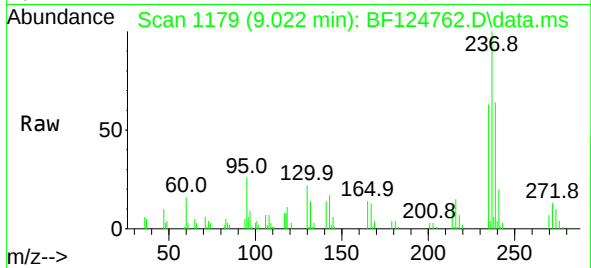




#41  
Hexachlorocyclopentadiene  
Concen: 115.295 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

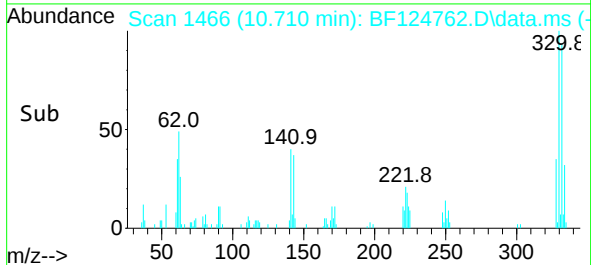
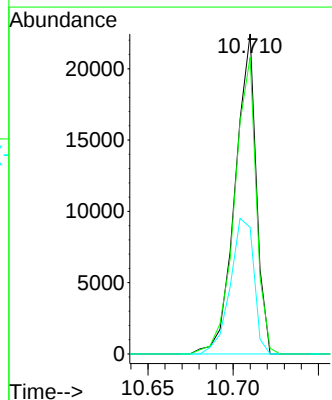
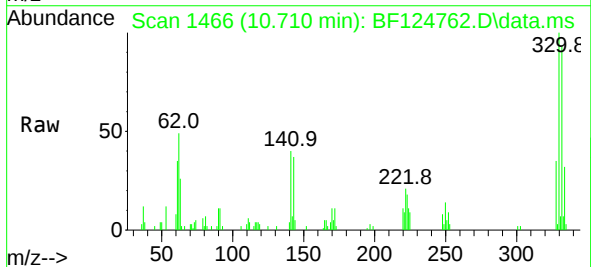
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

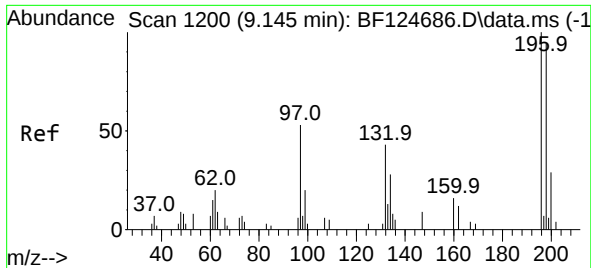
Tgt Ion:237 Resp: 34456  
Ion Ratio Lower Upper  
237 100  
235 63.3 44.7 84.7  
272 13.3 0.0 31.6



#42  
2,4,6-Tribromophenol  
Concen: 123.925 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:330 Resp: 19263  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.2 114.4  
141 47.5 44.6 66.8

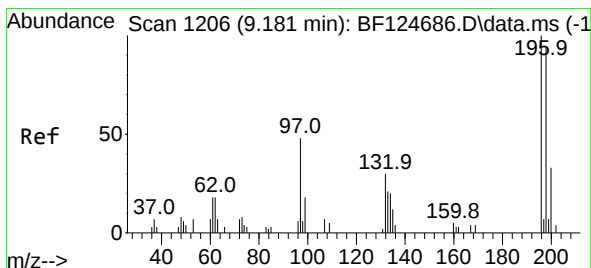
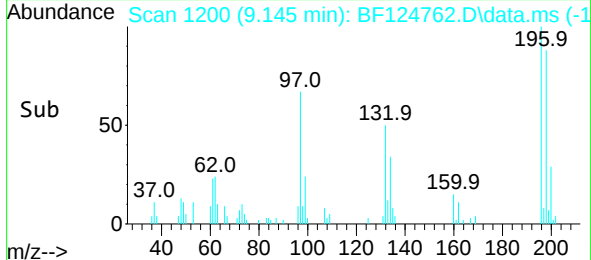
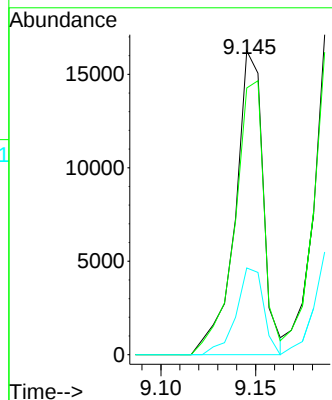
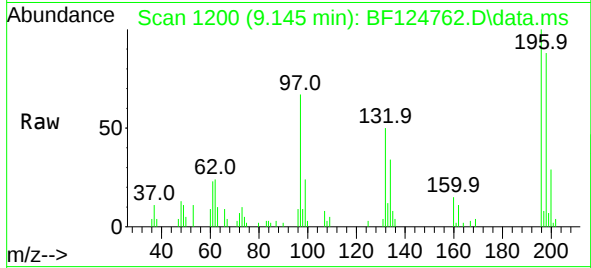




#43  
2,4,6-Trichlorophenol  
Concen: 46.363 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

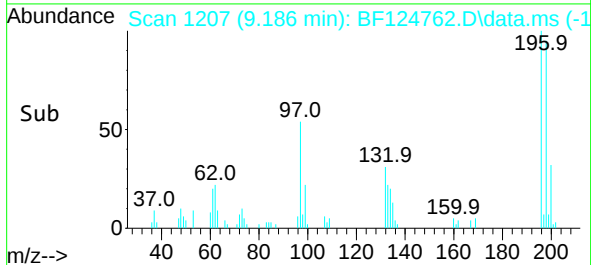
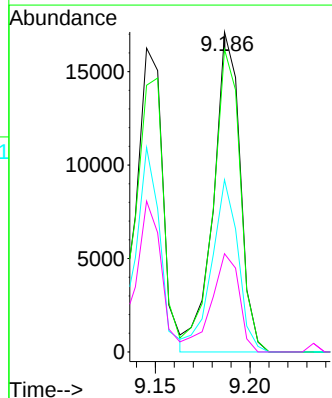
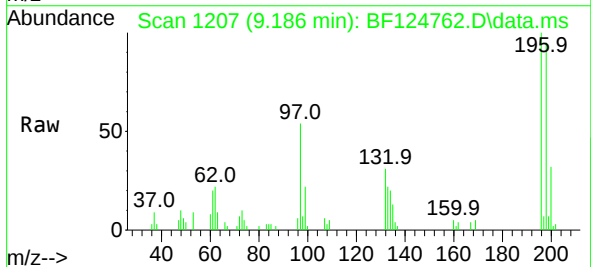
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

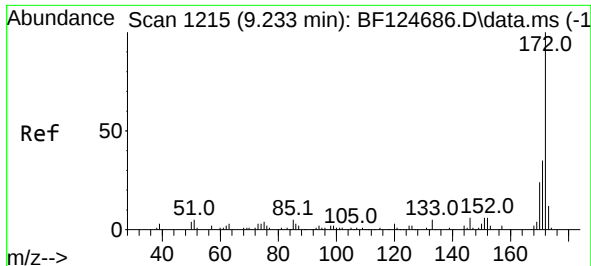
Tgt Ion:196 Resp: 16625  
Ion Ratio Lower Upper  
196 100  
198 87.8 74.9 112.3  
200 28.6 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 45.327 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:196 Resp: 16689  
Ion Ratio Lower Upper  
196 100  
198 94.5 80.2 120.2  
97 53.8 44.0 66.0  
132 30.7 25.4 38.0

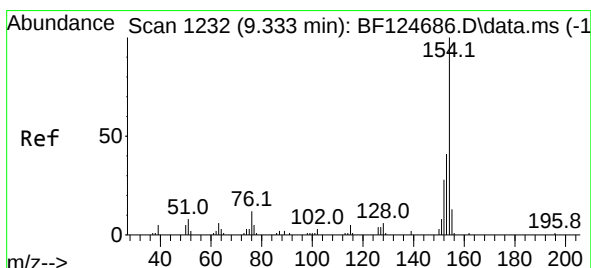
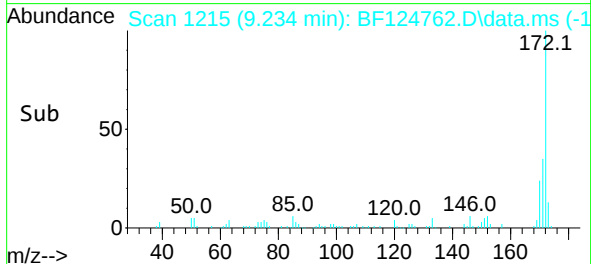
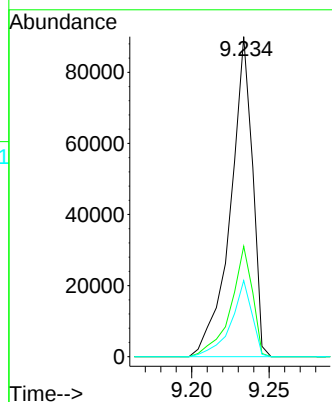
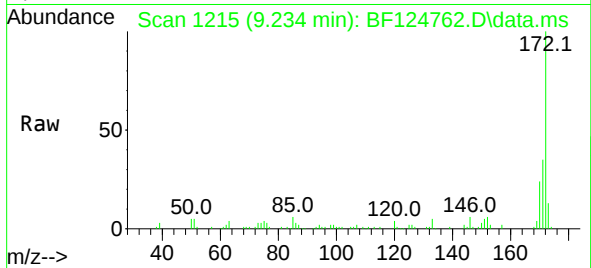




#45  
2-Fluorobiphenyl  
Concen: 72.023 ng  
RT: 9.234 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

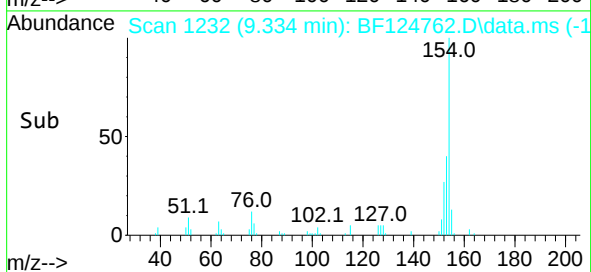
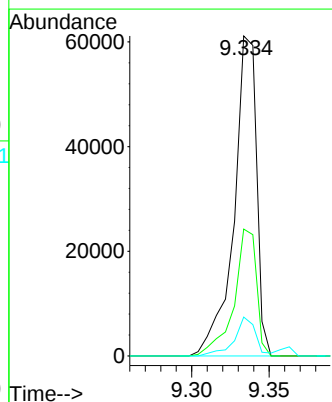
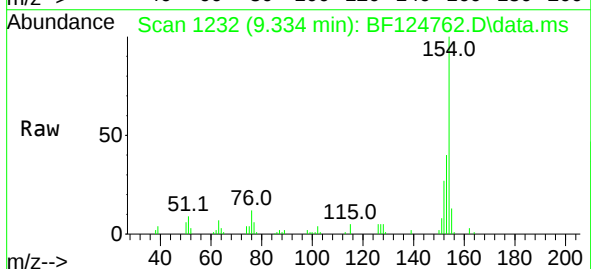
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

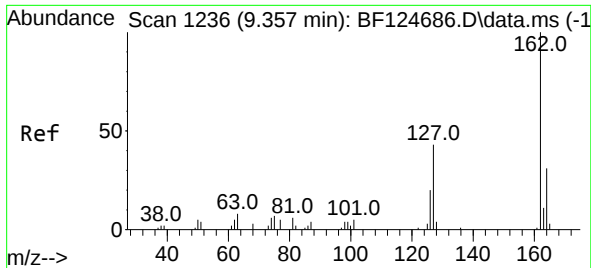
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 88776 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.5  | 26.5  | 39.7  |
| 170       | 23.8  | 18.8  | 28.2  |



#46  
1,1'-Biphenyl  
Concen: 45.979 ng  
RT: 9.334 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 62135 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 39.6  | 20.0  | 60.0  |
| 76        | 12.1  | 0.0   | 30.3  |

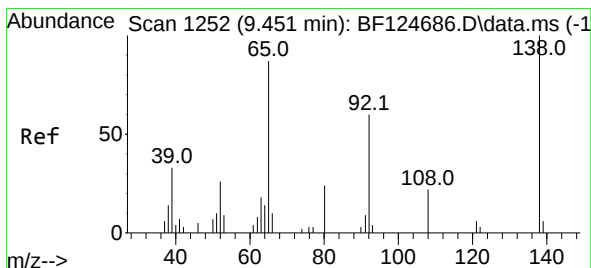
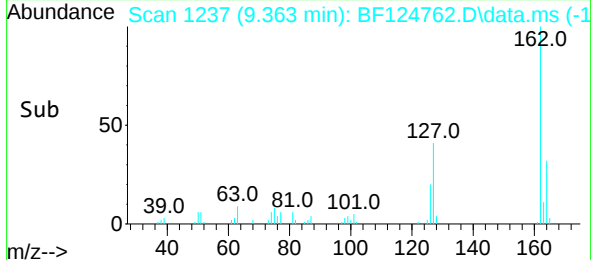
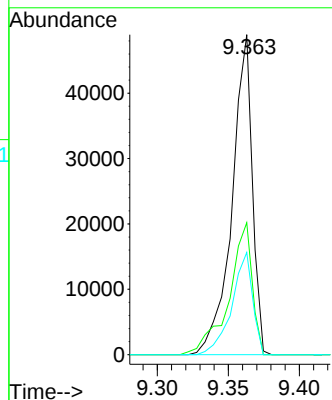
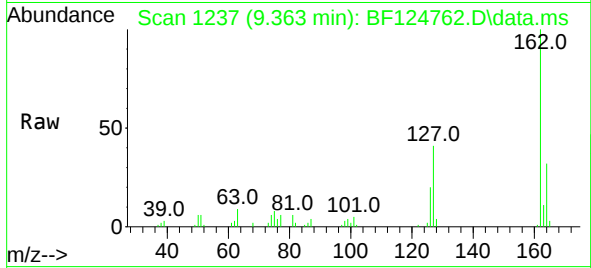




#47  
2-Chloronaphthalene  
Concen: 45.641 ng  
RT: 9.363 min Scan# 1237  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

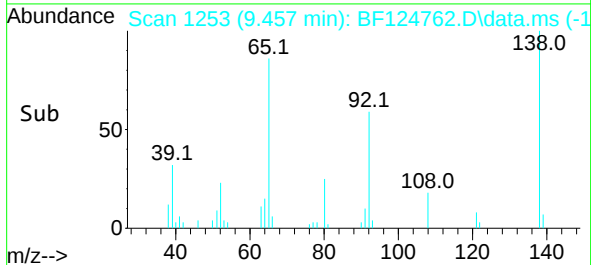
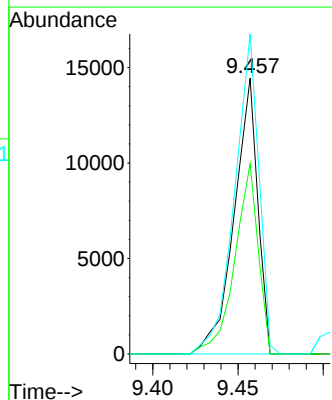
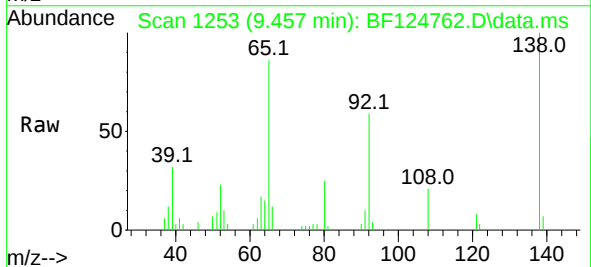
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

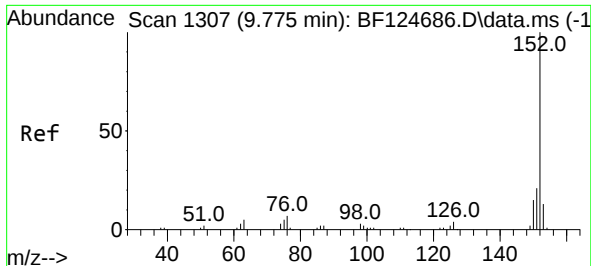
Tgt Ion:162 Resp: 48826  
Ion Ratio Lower Upper  
162 100  
127 41.3 33.0 49.4  
164 32.0 25.8 38.8



#48  
2-Nitroaniline  
Concen: 49.590 ng  
RT: 9.457 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion: 65 Resp: 13891  
Ion Ratio Lower Upper  
65 100  
92 68.9 55.5 83.3  
138 116.0 93.5 140.3





#49

Acenaphthylene

Concen: 47.015 ng

RT: 9.781 min Scan# 1308

Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

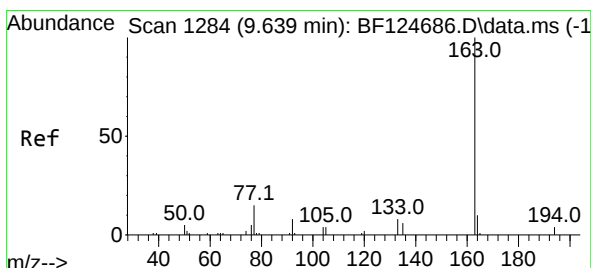
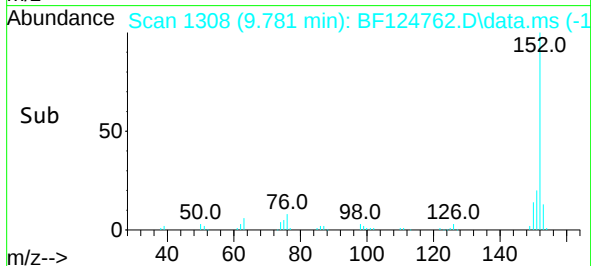
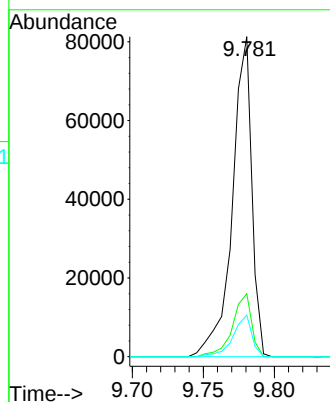
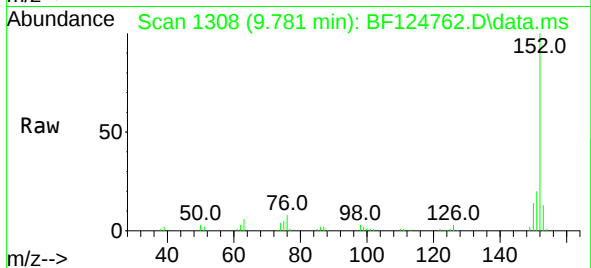
Tgt Ion:152 Resp: 77563

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.0 9.8 14.8



#50

Dimethylphthalate

Concen: 47.810 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

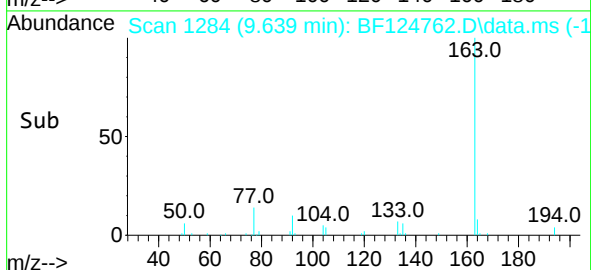
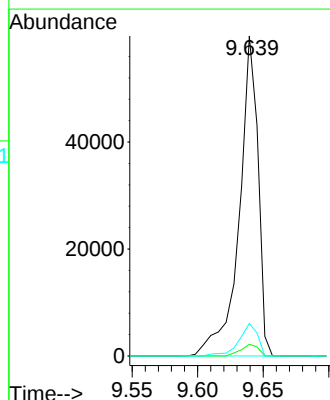
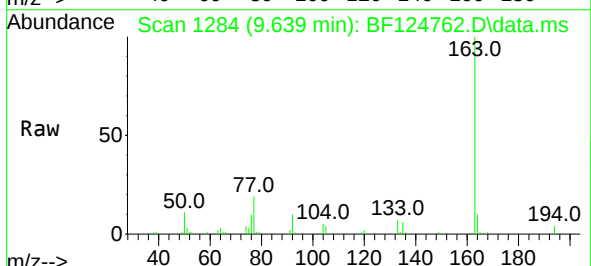
Tgt Ion:163 Resp: 59599

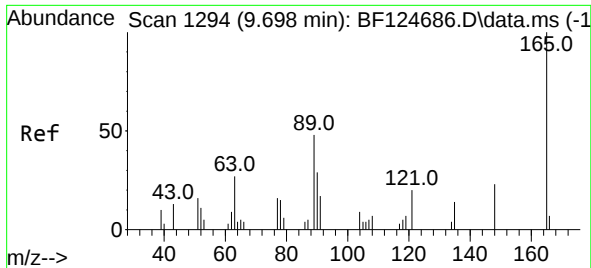
Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

164 10.2 7.4 11.0

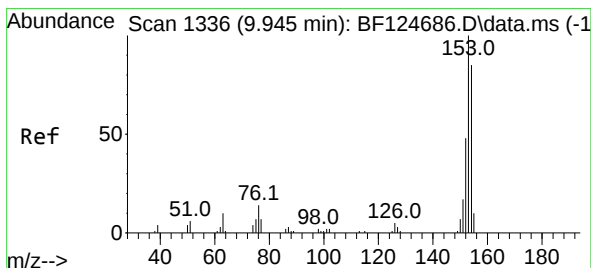
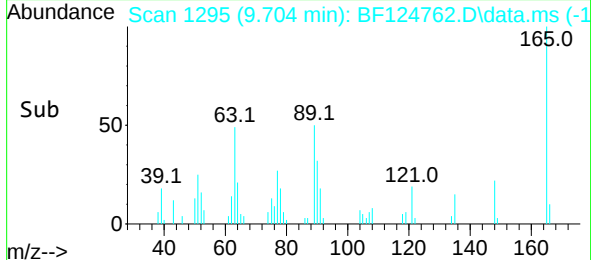
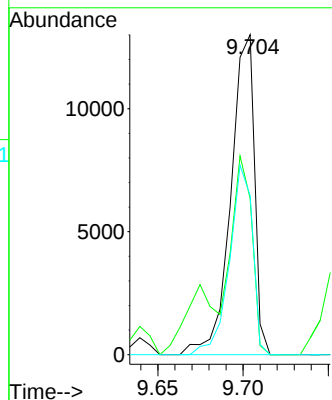
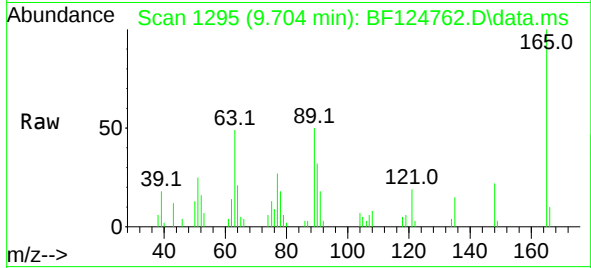




#51  
2,6-Dinitrotoluene  
Concen: 45.712 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

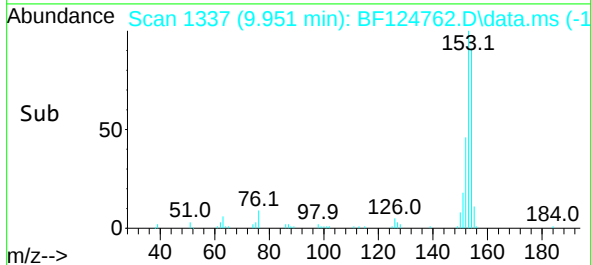
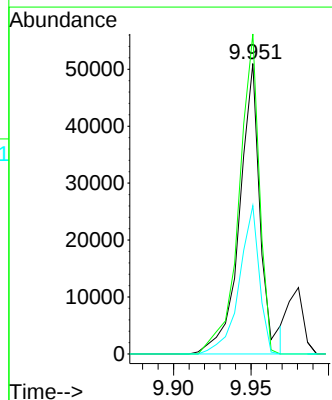
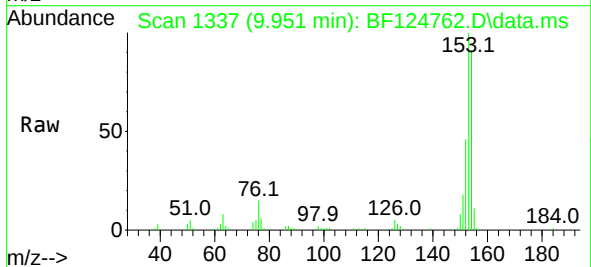
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

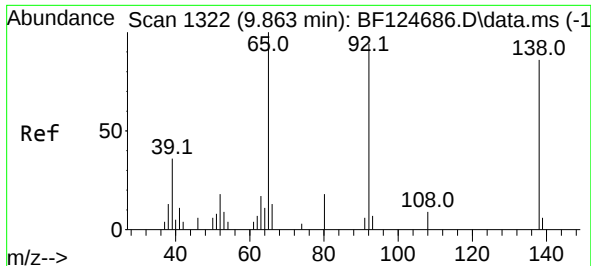
Tgt Ion:165 Resp: 12589  
Ion Ratio Lower Upper  
165 100  
63 48.8 42.6 63.8  
89 49.7 40.6 60.8



#52  
Acenaphthene  
Concen: 43.363 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:154 Resp: 47424  
Ion Ratio Lower Upper  
154 100  
153 110.2 89.4 134.2  
152 51.1 40.5 60.7

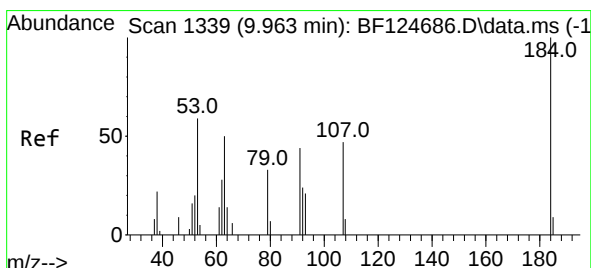
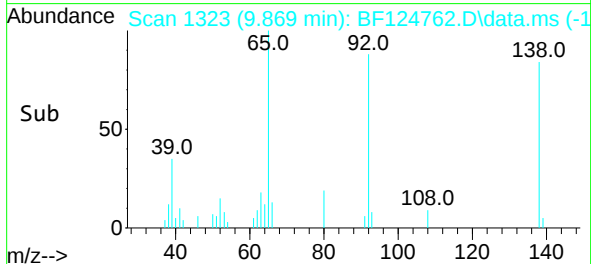
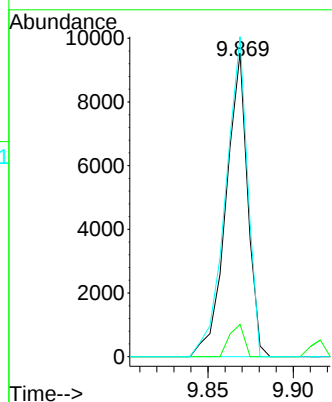
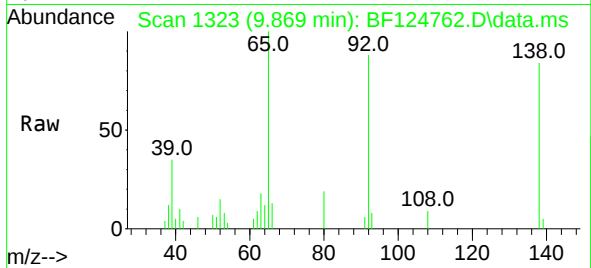




#53  
3-Nitroaniline  
Concen: 29.106 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

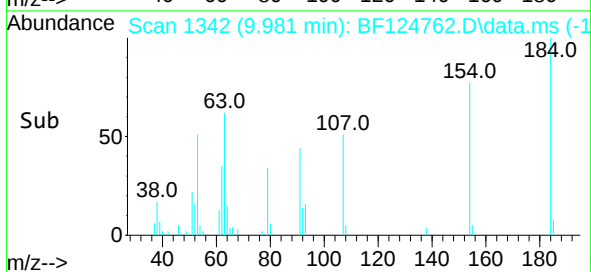
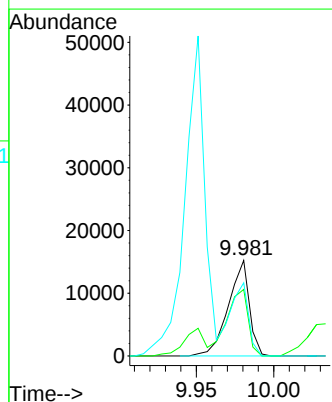
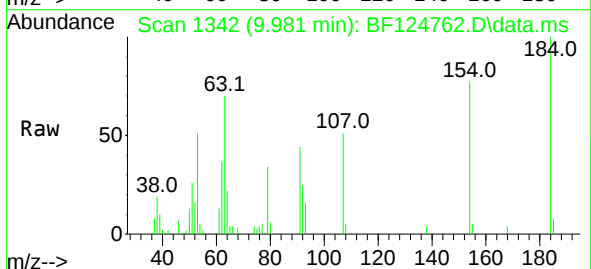
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

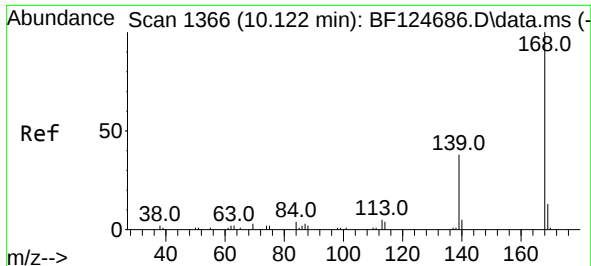
Tgt Ion:138 Resp: 8433  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.3 13.9  
92 105.3 76.5 114.7



#54  
2,4-Dinitrophenol  
Concen: 90.066 ng  
RT: 9.981 min Scan# 1342  
Delta R.T. 0.018 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:184 Resp: 14343  
Ion Ratio Lower Upper  
184 100  
63 69.7 59.3 88.9  
154 76.5 68.6 102.8

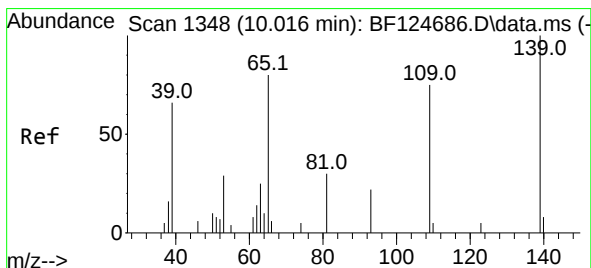
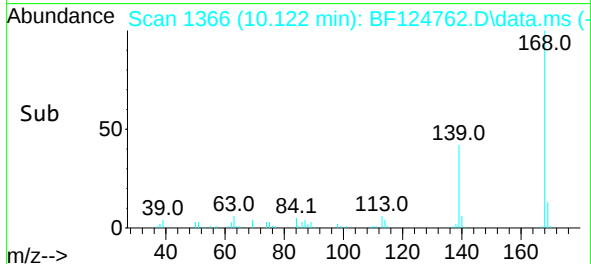
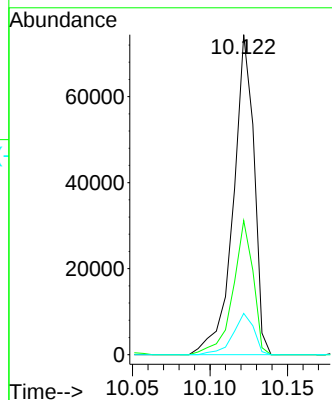
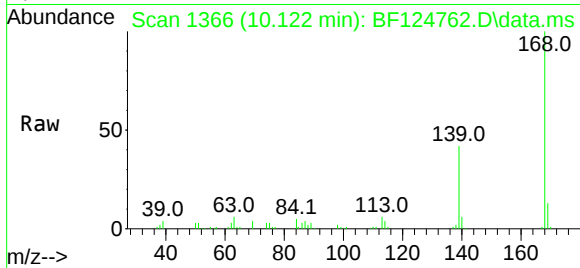




#55  
Dibenzenofuran  
Concen: 44.181 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

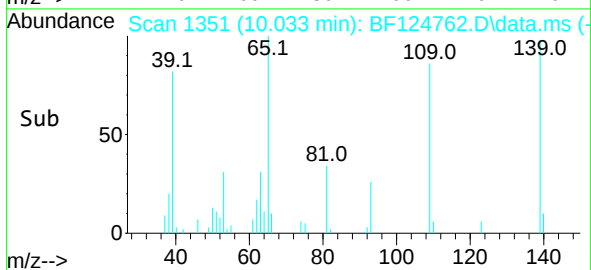
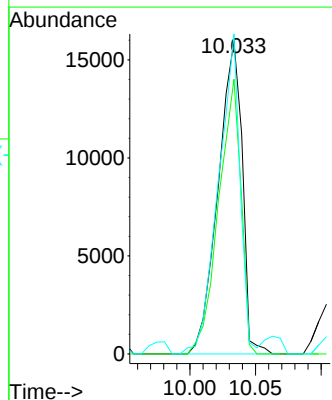
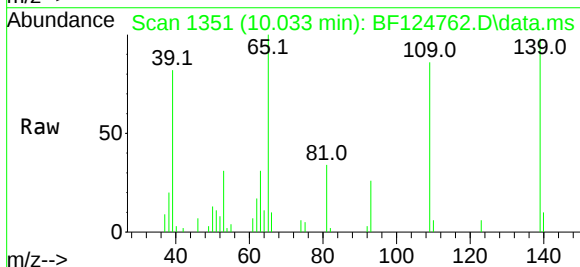
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

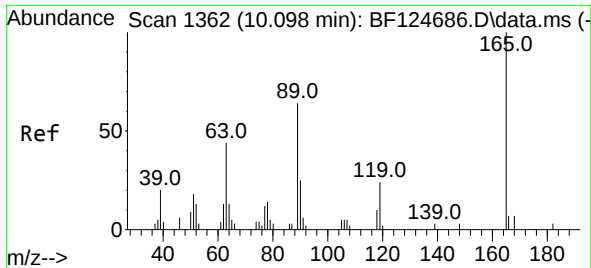
Tgt Ion:168 Resp: 69045  
Ion Ratio Lower Upper  
168 100  
139 41.9 32.7 49.1  
169 12.9 11.2 16.8



#56  
4-Nitrophenol  
Concen: 88.755 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. 0.018 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:139 Resp: 20307  
Ion Ratio Lower Upper  
139 100  
109 87.8 60.4 100.4  
65 102.3 58.4 98.4#

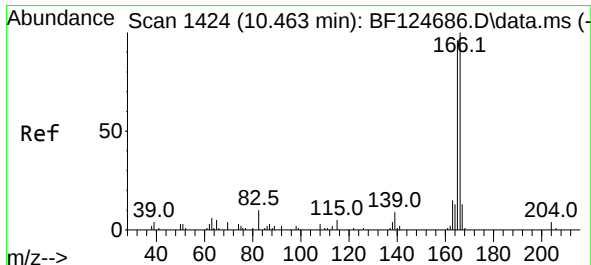
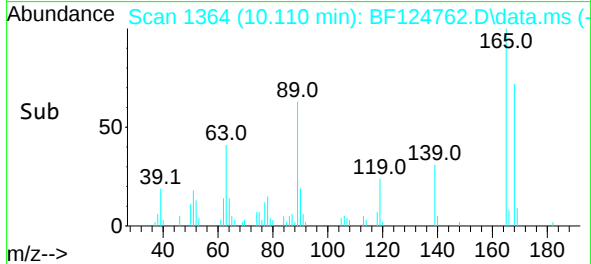
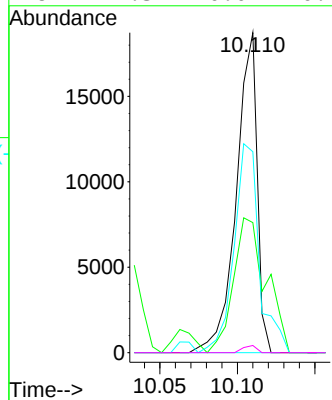
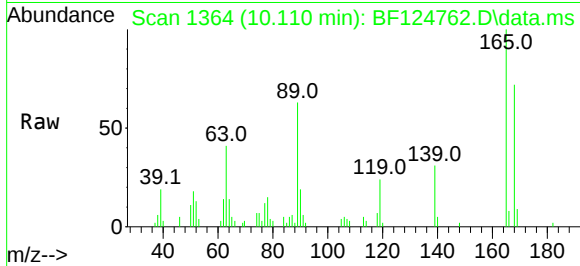




#57  
2,4-Dinitrotoluene  
Concen: 46.794 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

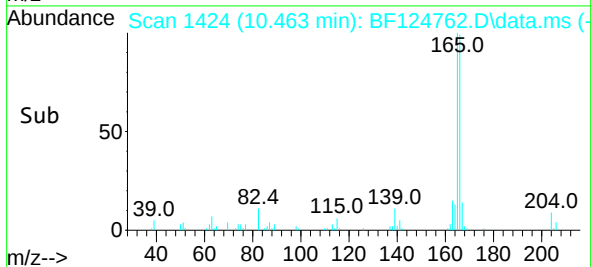
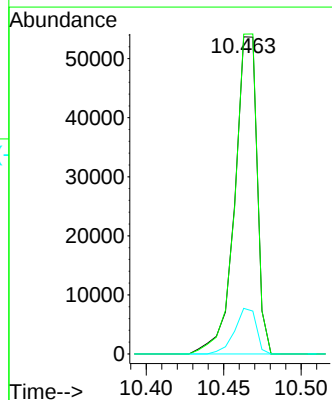
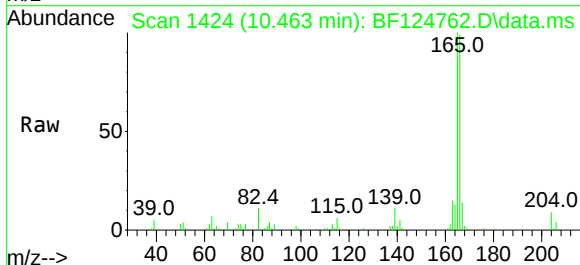
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

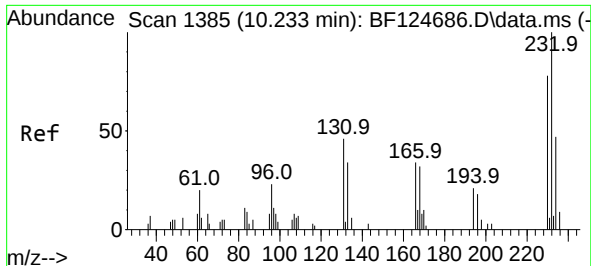
Tgt Ion:165 Resp: 17488  
Ion Ratio Lower Upper  
165 100  
63 40.7 40.9 61.3#  
89 62.8 59.7 89.5  
182 2.3 0.0 0.0#



#58  
Fluorene  
Concen: 44.891 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:166 Resp: 53818  
Ion Ratio Lower Upper  
166 100  
165 100.9 78.1 117.1  
167 14.4 11.1 16.7

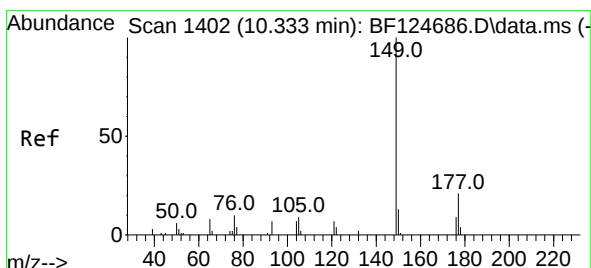
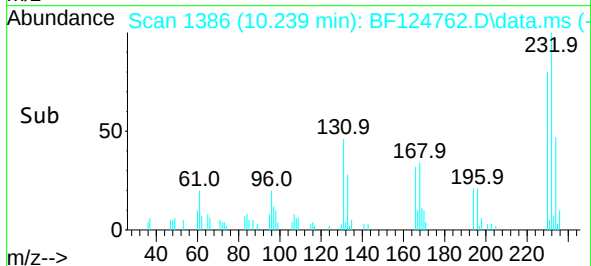
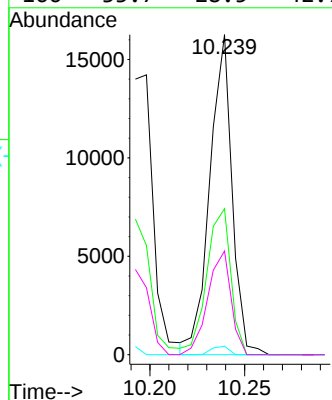
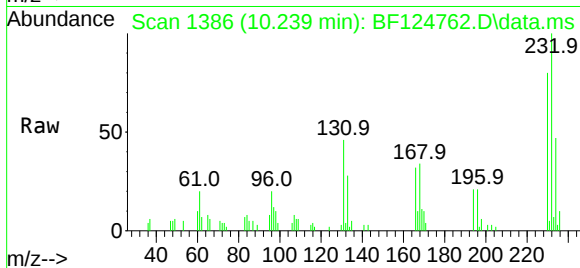




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.694 ng  
RT: 10.239 min Scan# 1386  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

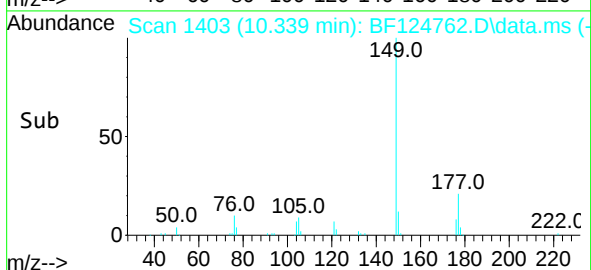
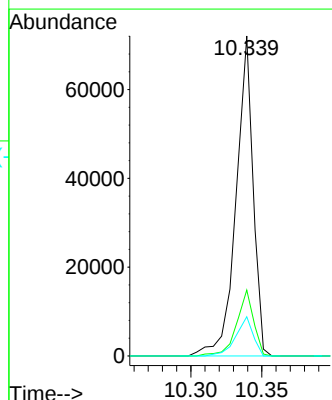
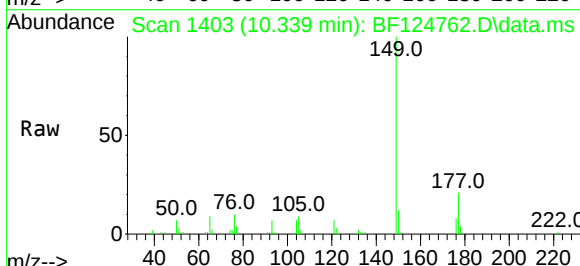
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

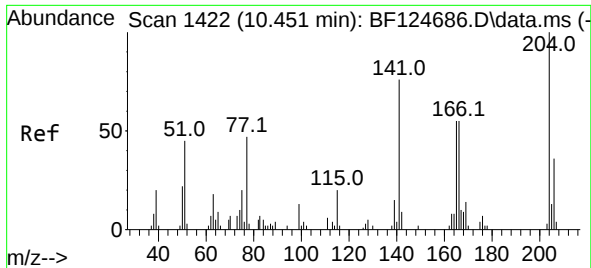
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 13287     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 49.3  | 45.4 68.0 |
| 130         | 2.1   | 0.0 0.0#  |
| 166         | 33.7  | 28.5 42.7 |



#60  
Diethylphthalate  
Concen: 46.486 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 60259     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 20.6  | 16.5 24.7 |
| 150         | 12.2  | 10.1 15.1 |

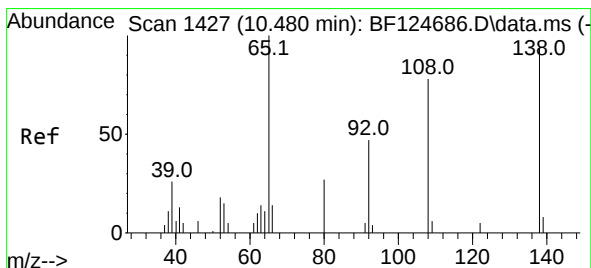
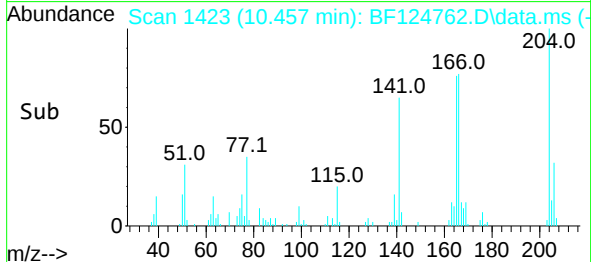
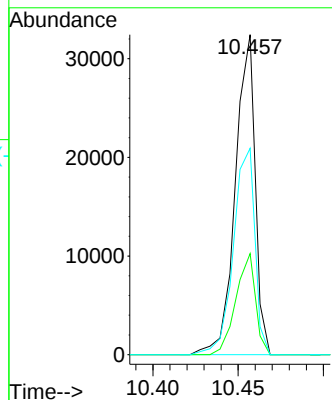
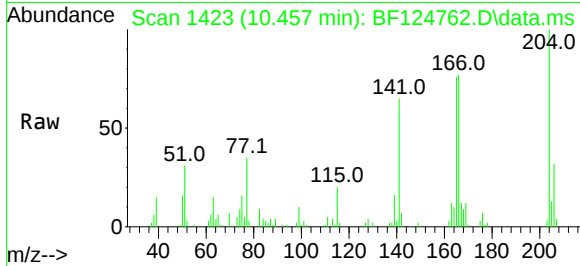




#61  
4-Chlorophenyl-phenylether  
Concen: 45.386 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

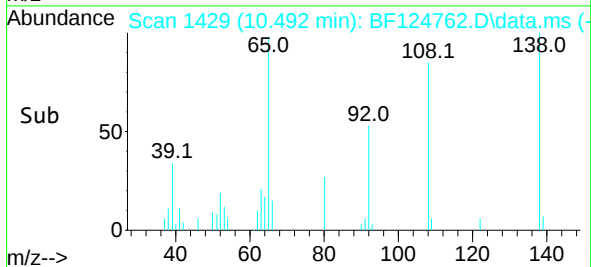
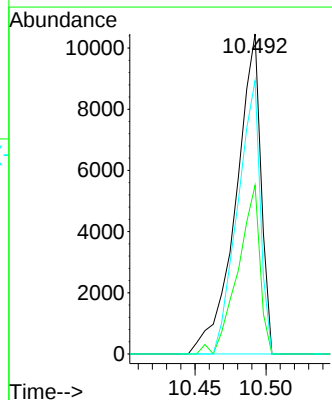
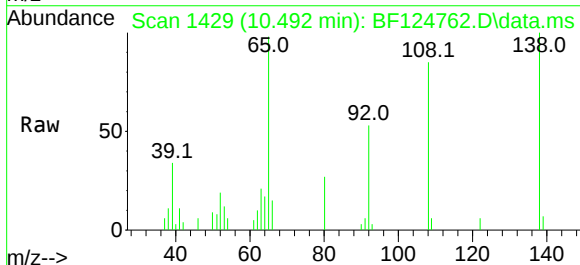
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

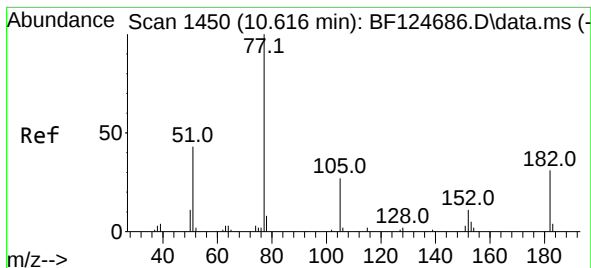
Tgt Ion:204 Resp: 26303  
Ion Ratio Lower Upper  
204 100  
206 31.6 27.6 41.4  
141 64.5 58.6 88.0



#62  
4-Nitroaniline  
Concen: 44.617 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:138 Resp: 12791  
Ion Ratio Lower Upper  
138 100  
92 52.7 29.6 69.6  
108 85.5 78.1 118.1

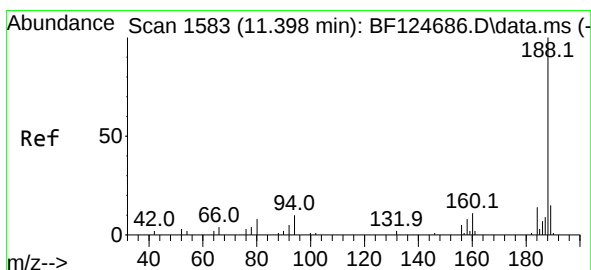
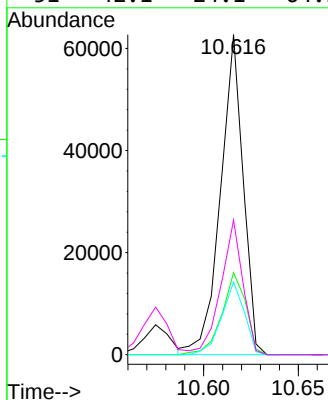
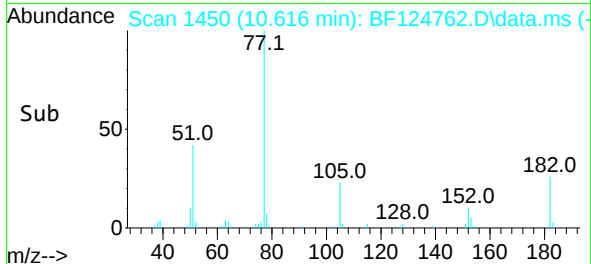
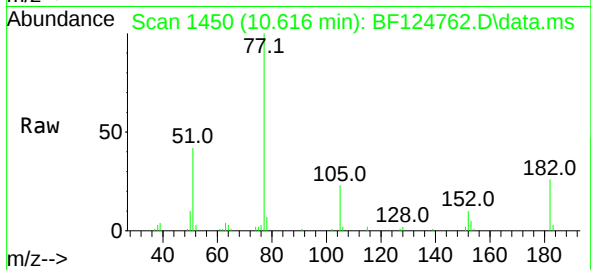




#63  
Azobenzene  
Concen: 45.456 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

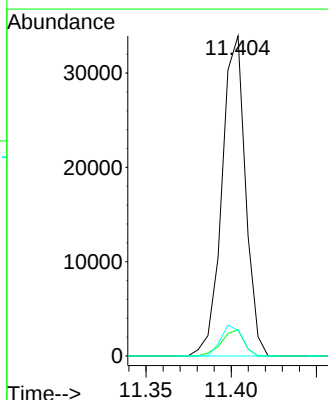
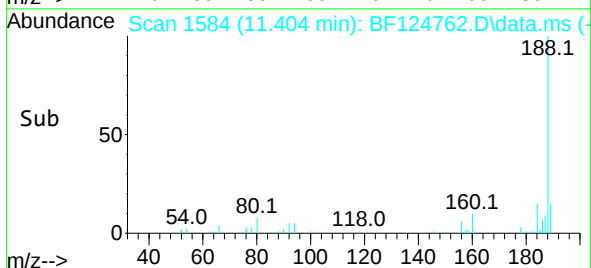
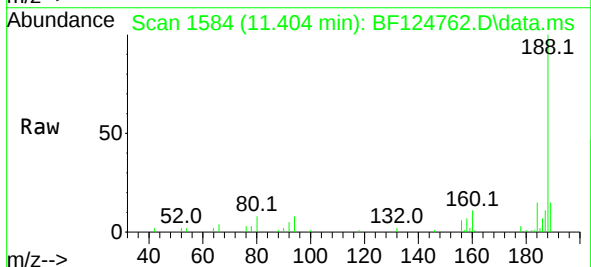
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

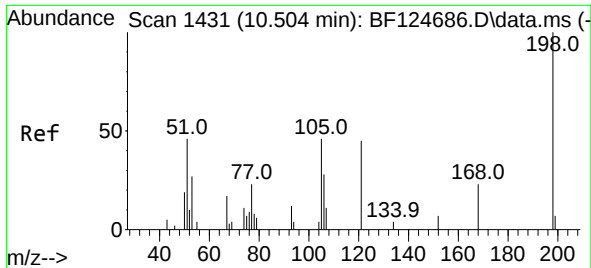
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 52130 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 25.7    | 6.3 46.3    |
| 105 22.7    | 2.9 42.9    |
| 51 42.1     | 24.1 64.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|              |             |
|--------------|-------------|
| Tgt Ion: 188 | Resp: 32541 |
| Ion Ratio    | Lower Upper |
| 188 100      |             |
| 94 8.2       | 6.7 10.1    |
| 80 8.1       | 7.5 11.3    |

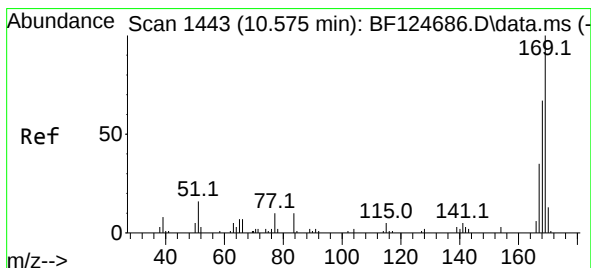
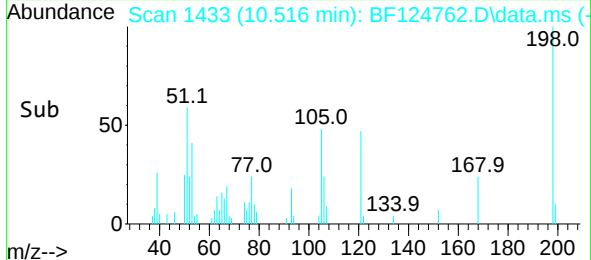
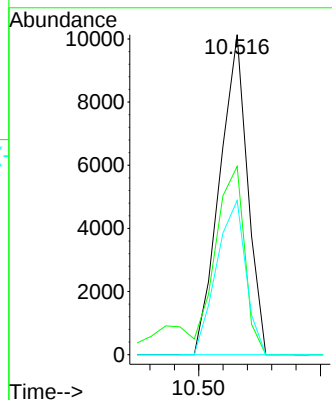
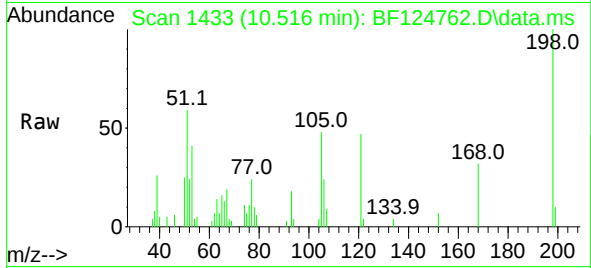




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.166 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

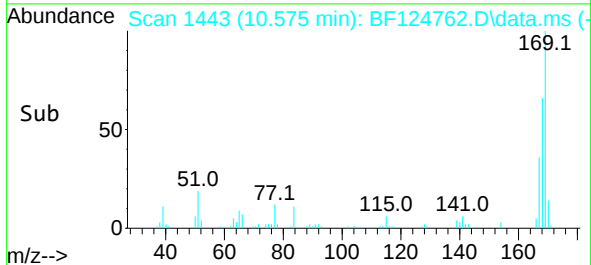
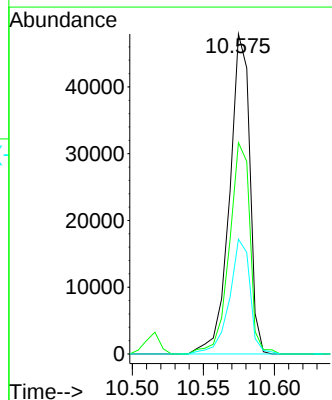
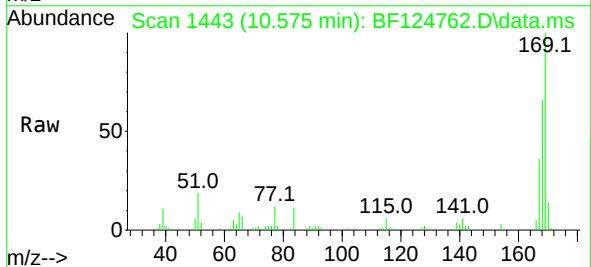
Instrument :  
BNA\_F  
ClientSampled :  
PB137842BS

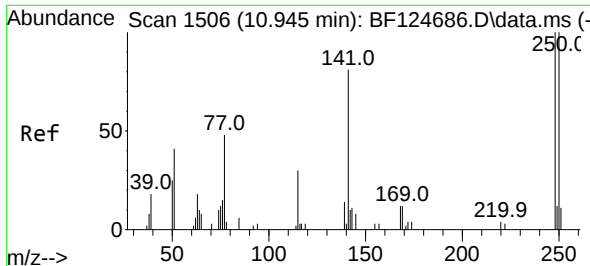
Tgt Ion:198 Resp: 8043  
Ion Ratio Lower Upper  
198 100  
51 58.8 45.3 85.3  
105 48.2 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 45.046 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:169 Resp: 47502  
Ion Ratio Lower Upper  
169 100  
168 66.1 50.8 76.2  
167 35.8 28.8 43.2

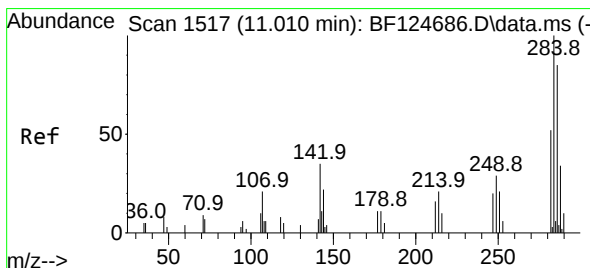
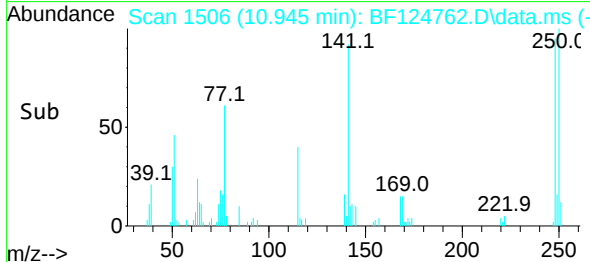
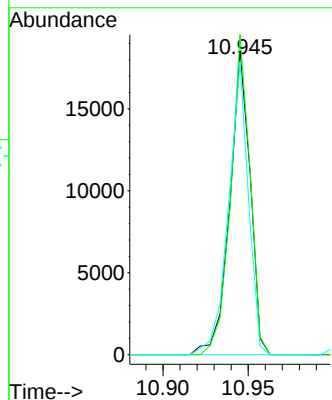
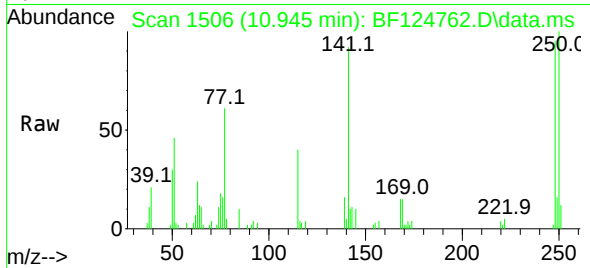




#67  
4-Bromophenyl-phenylether  
Concen: 44.559 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

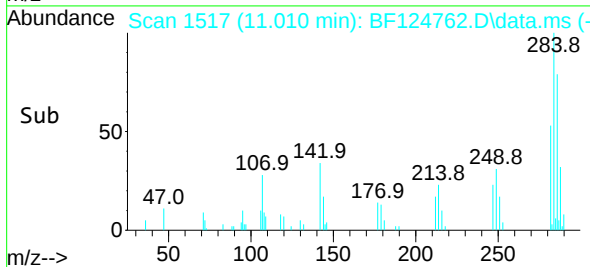
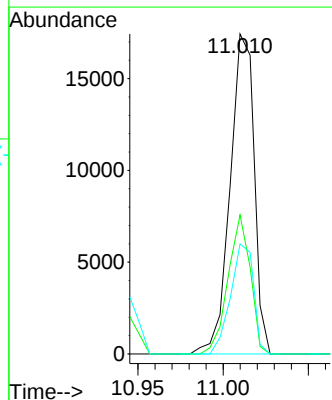
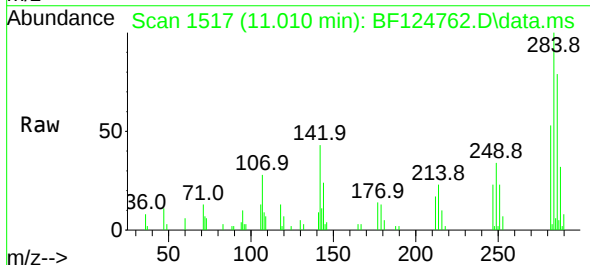
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

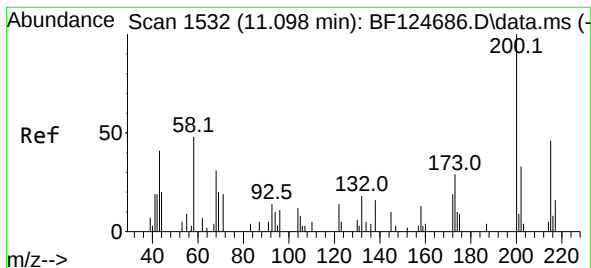
Tgt Ion:248 Resp: 15378  
Ion Ratio Lower Upper  
248 100  
250 105.2 74.2 111.4  
141 96.4 60.4 90.6#



#68  
Hexachlorobenzene  
Concen: 47.804 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:284 Resp: 17134  
Ion Ratio Lower Upper  
284 100  
142 43.5 36.4 54.6  
249 34.4 25.6 38.4





#69

Atrazine

Concen: 47.618 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

Tgt Ion:200 Resp: 15267

Ion Ratio Lower Upper

200 100

173 26.4 11.1 51.1

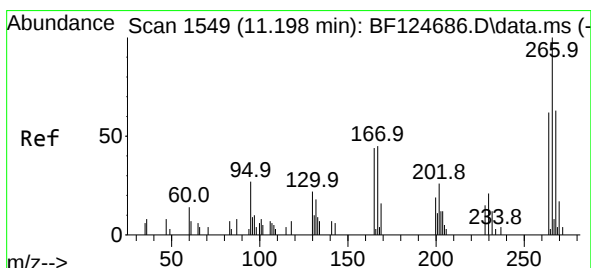
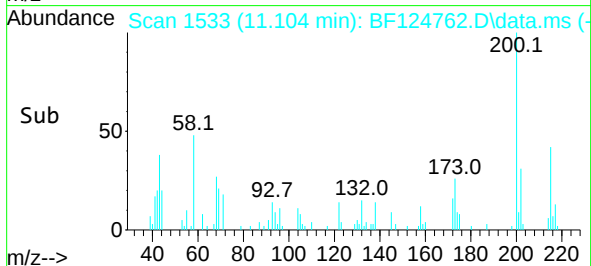
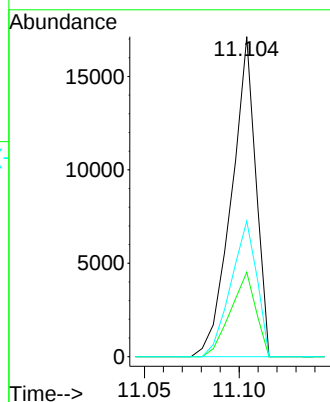
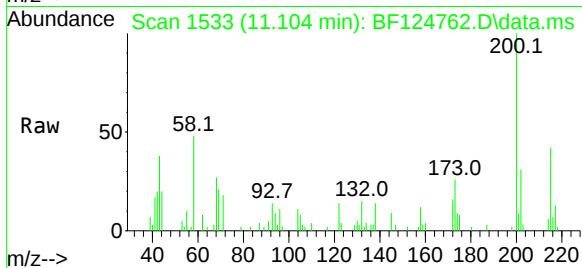
215 42.4 22.7 62.7

Instrument :

BNA\_F

ClientSampleId :

PB137842BS



#70

Pentachlorophenol

Concen: 89.785 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

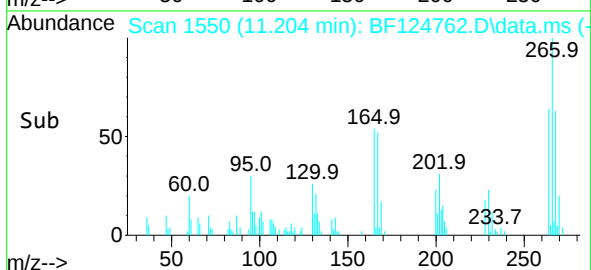
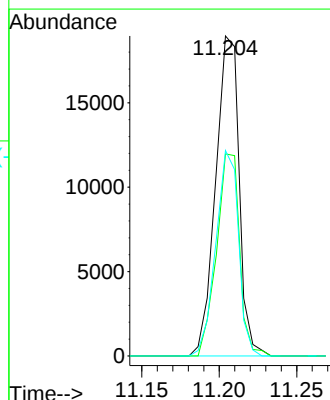
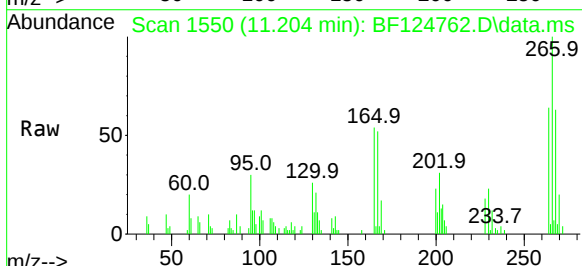
Tgt Ion:266 Resp: 20011

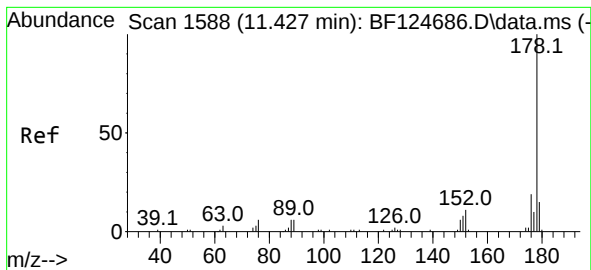
Ion Ratio Lower Upper

266 100

268 63.2 48.9 73.3

264 64.2 55.9 83.9

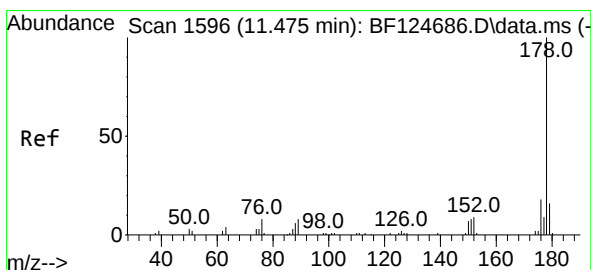
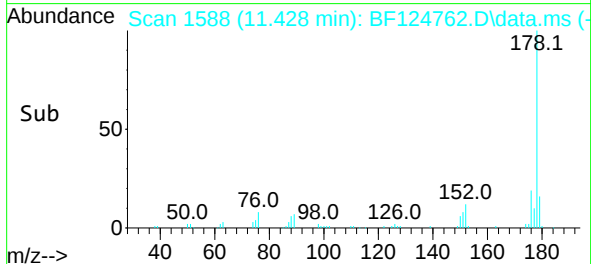
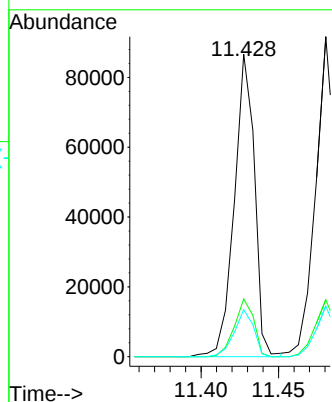
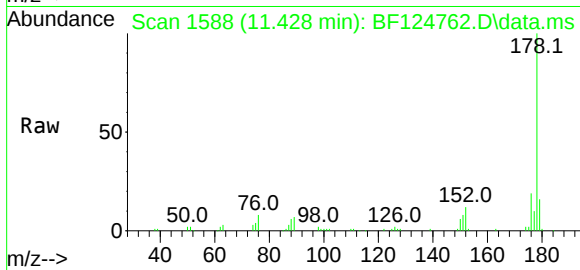




#71  
Phenanthrene  
Concen: 44.797 ng  
RT: 11.428 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

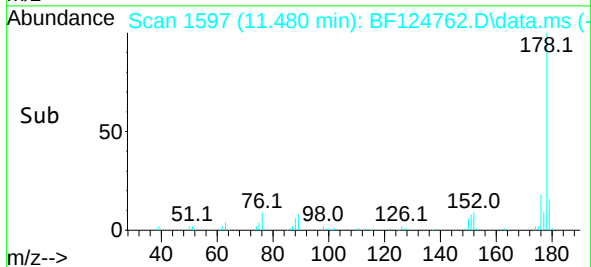
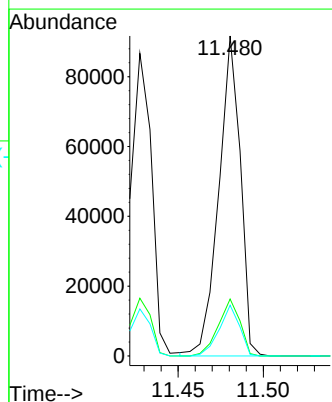
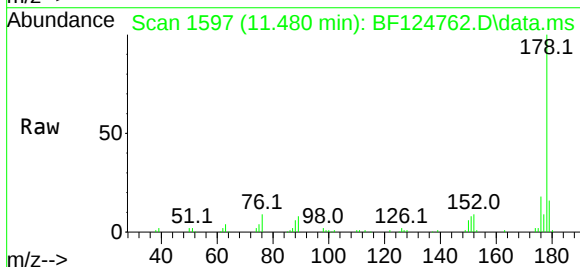
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

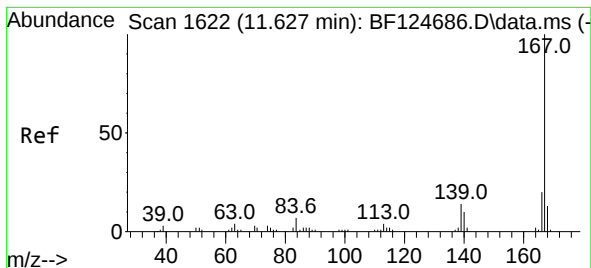
Tgt Ion:178 Resp: 78403  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.7 22.1  
179 15.5 11.5 17.3



#72  
Anthracene  
Concen: 46.164 ng  
RT: 11.480 min Scan# 1597  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:178 Resp: 80773  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.3 21.5  
179 15.9 12.2 18.4





#73

Carbazole

Concen: 41.532 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

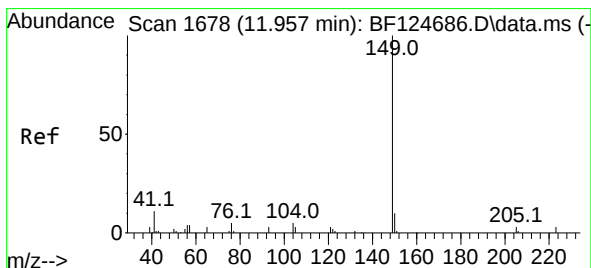
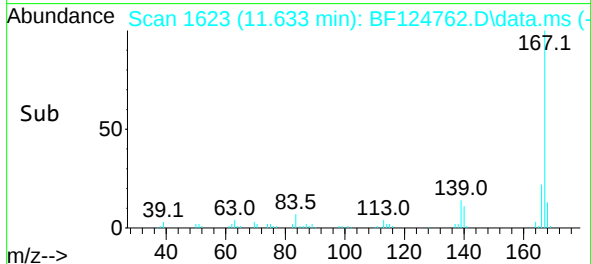
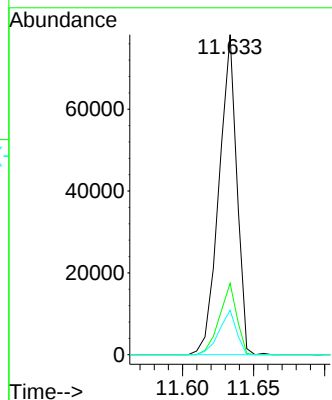
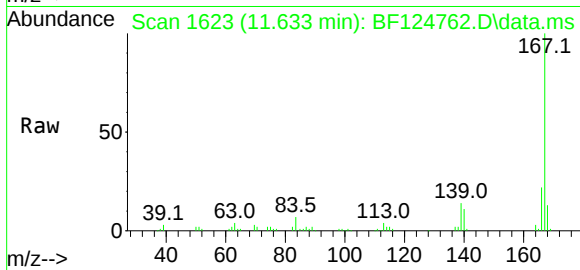
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:167 | Resp: | 68116     |
| Ion Ratio   | Lower | Upper     |
| 167         | 100   |           |
| 166         | 22.3  | 17.4 26.0 |
| 139         | 13.9  | 11.0 16.4 |

Instrument :

BNA\_F

ClientSampleId :

PB137842BS



#74

Di-n-butylphthalate

Concen: 45.620 ng

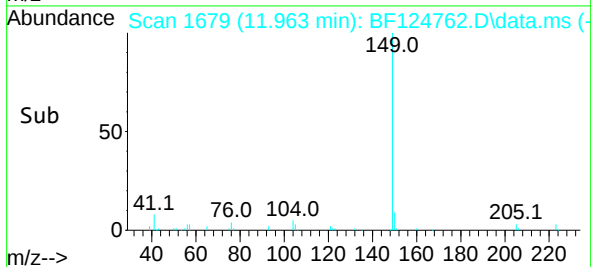
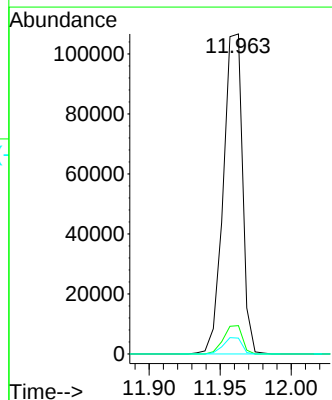
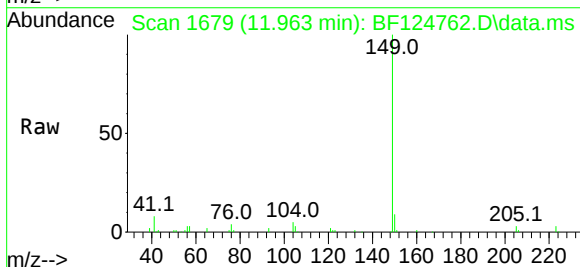
RT: 11.963 min Scan# 1679

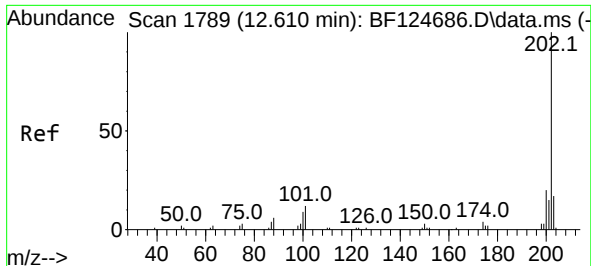
Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 99659    |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 150         | 8.9   | 7.4 11.2 |
| 104         | 4.9   | 4.1 6.1  |

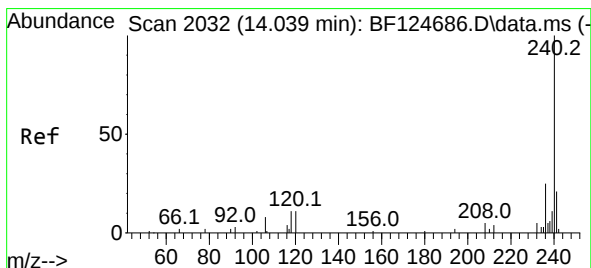
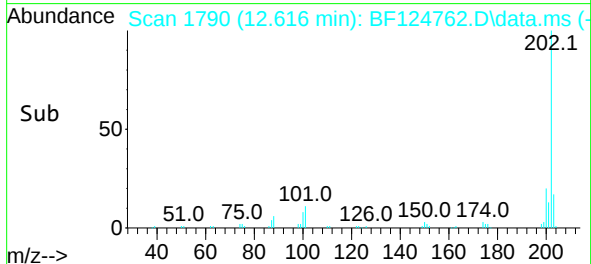
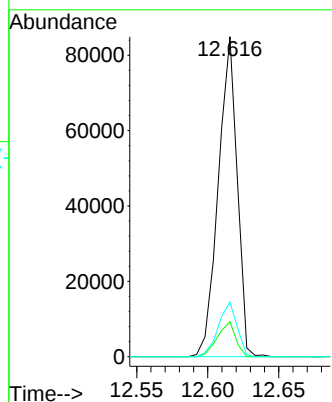
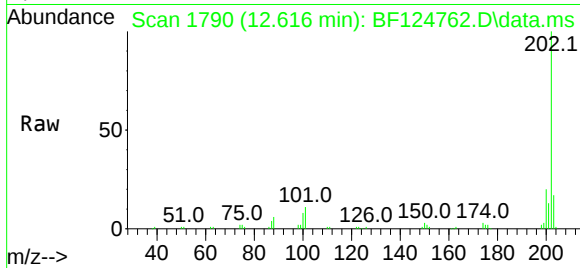




#75  
Fluoranthene  
Concen: 43.828 ng  
RT: 12.616 min Scan# 1790  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

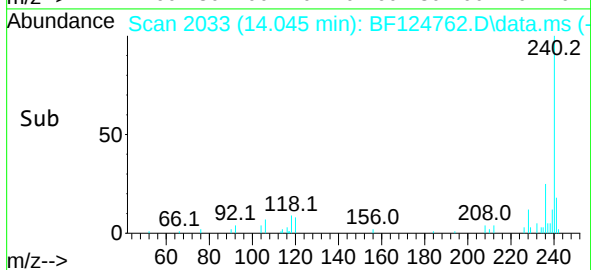
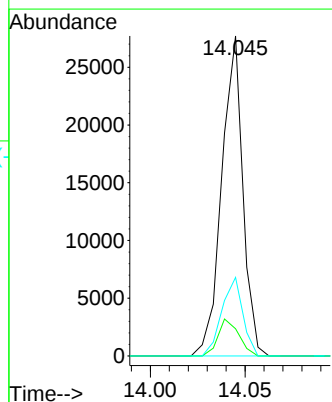
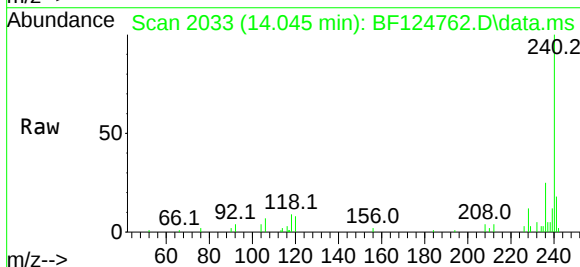
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

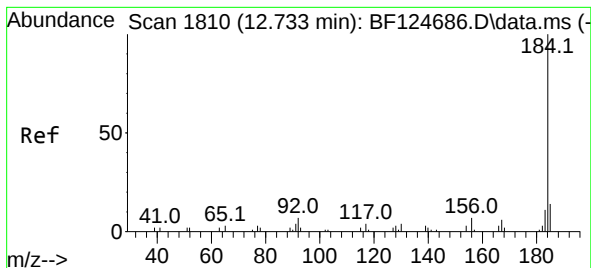
Tgt Ion:202 Resp: 78278  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 30.7  
203 17.1 0.0 36.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:240 Resp: 21508  
Ion Ratio Lower Upper  
240 100  
120 8.5 10.8 16.2#  
236 24.6 21.6 32.4





#77

Benzidine

Concen: 59.732 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

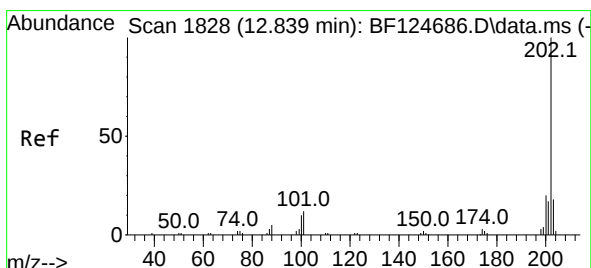
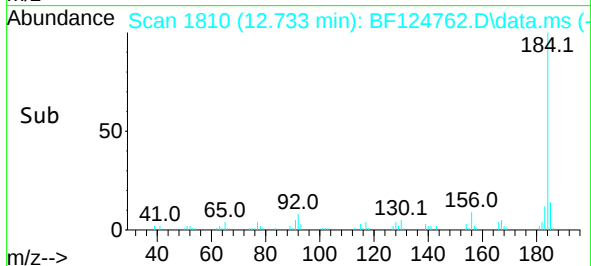
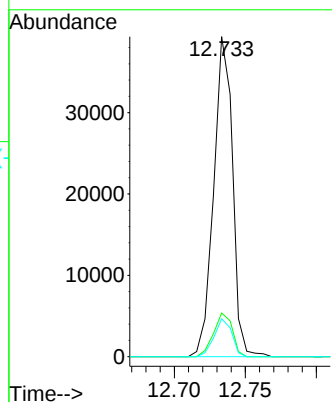
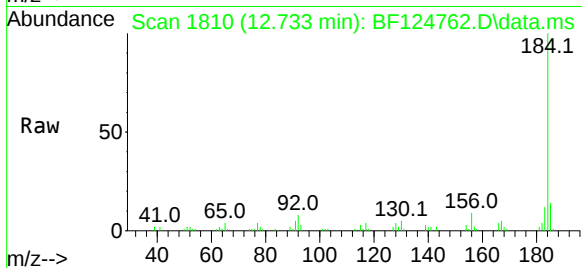
Tgt Ion:184 Resp: 36228

Ion Ratio Lower Upper

184 100

185 13.6 10.8 16.2

183 11.8 8.1 12.1



#78

Pyrene

Concen: 46.401 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

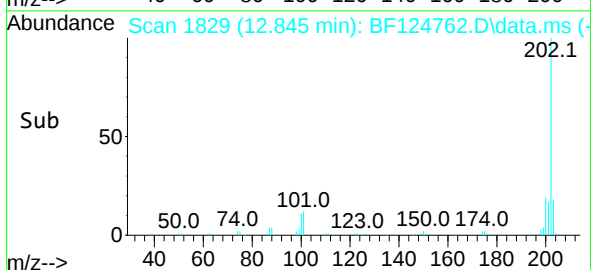
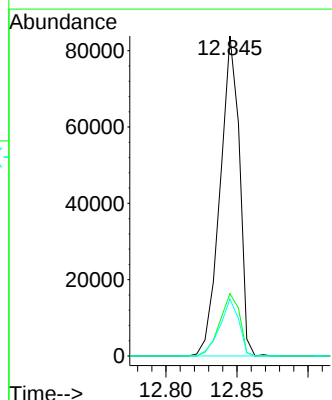
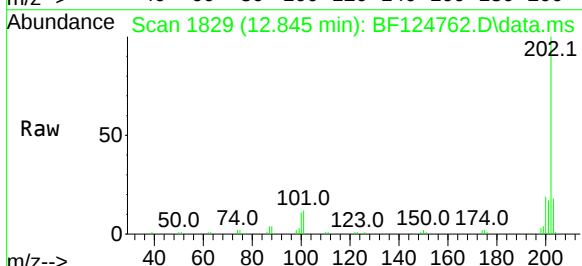
Tgt Ion:202 Resp: 79009

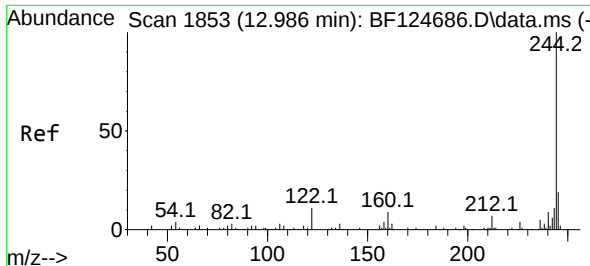
Ion Ratio Lower Upper

202 100

200 19.5 15.3 22.9

203 17.8 13.4 20.0

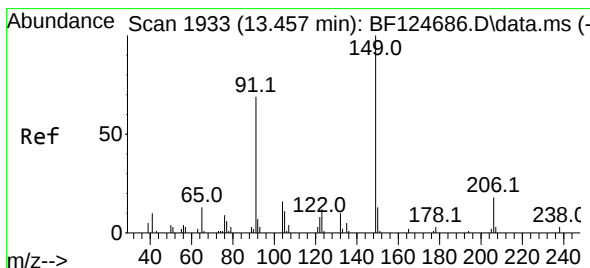
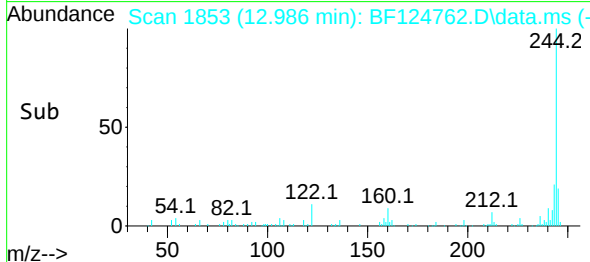
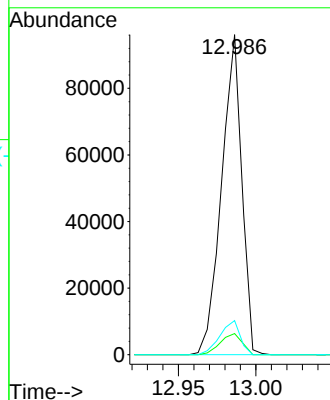
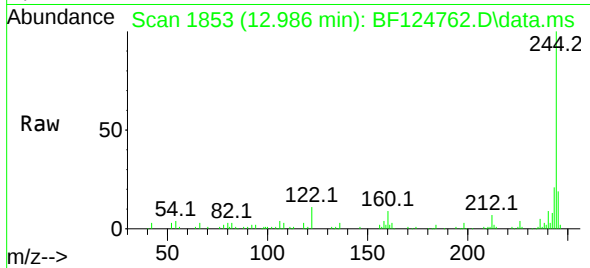




#79  
 Terphenyl-d14  
 Concen: 69.282 ng  
 RT: 12.986 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: BF124762.D  
 Acq: 26 Jul 2021 13:00

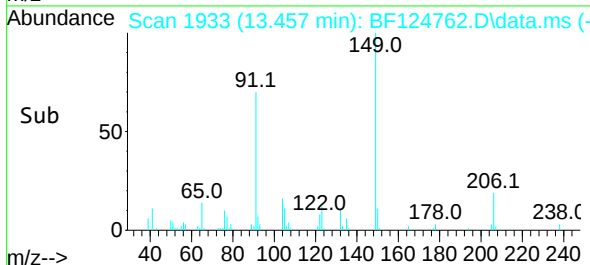
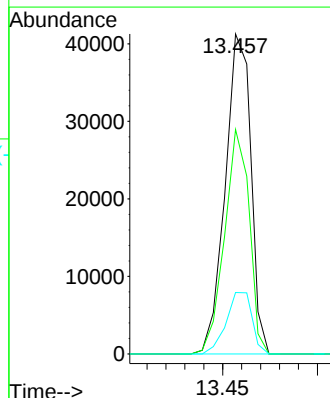
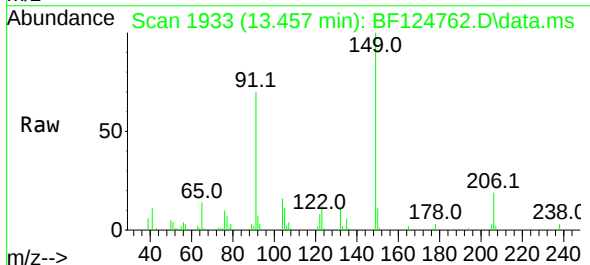
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB137842BS

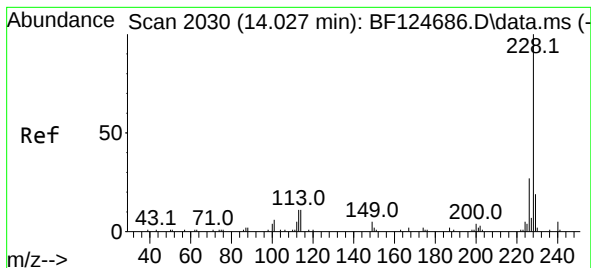
Tgt Ion:244 Resp: 86930  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.9 8.9  
 122 10.7 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 47.595 ng  
 RT: 13.457 min Scan# 1933  
 Delta R.T. 0.000 min  
 Lab File: BF124762.D  
 Acq: 26 Jul 2021 13:00

Tgt Ion:149 Resp: 38816  
 Ion Ratio Lower Upper  
 149 100  
 91 70.1 51.8 77.8  
 206 19.2 14.5 21.7

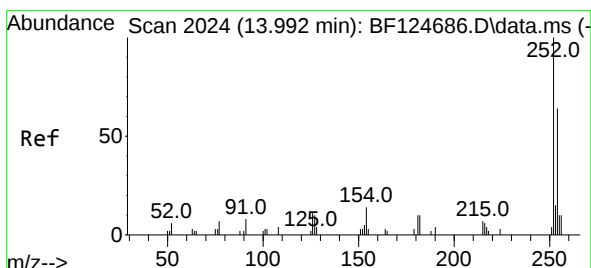
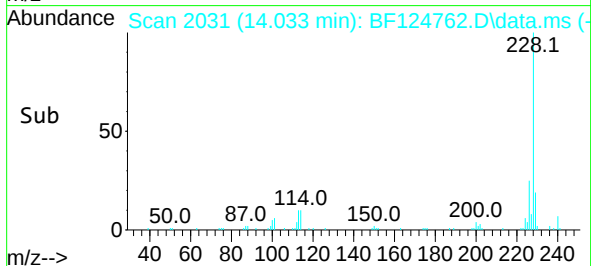
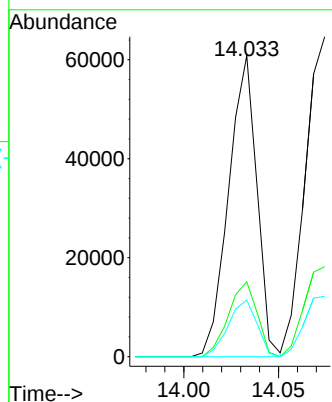
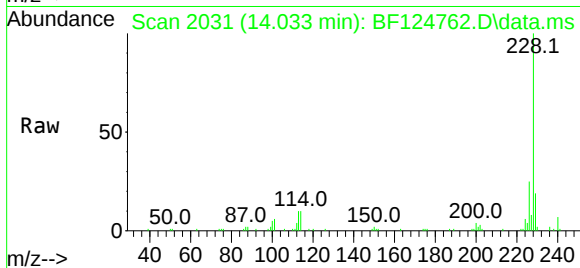




#81  
Benzo(a)anthracene  
Concen: 44.748 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

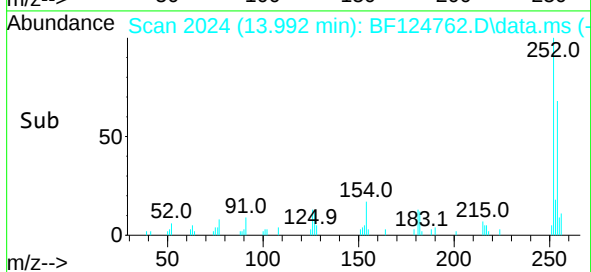
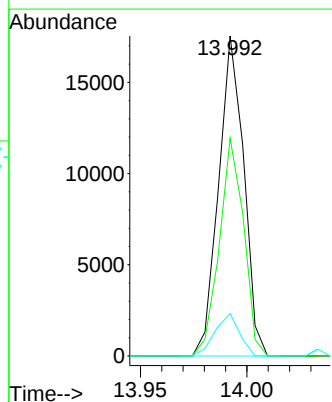
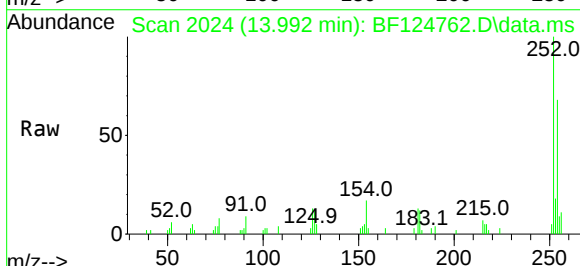
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

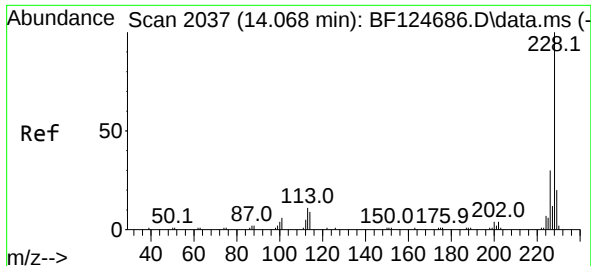
Tgt Ion:228 Resp: 62912  
Ion Ratio Lower Upper  
228 100  
226 24.9 21.6 32.4  
229 18.8 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 36.868 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:252 Resp: 14385  
Ion Ratio Lower Upper  
252 100  
254 68.1 51.4 77.0  
126 13.3 9.5 14.3

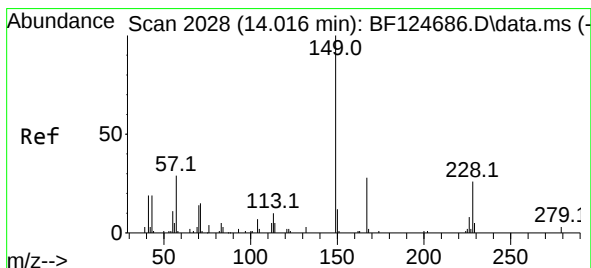
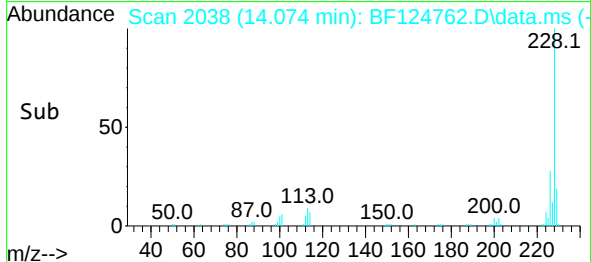
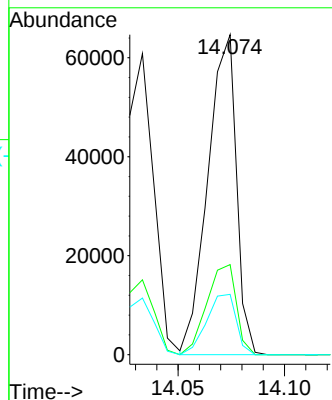
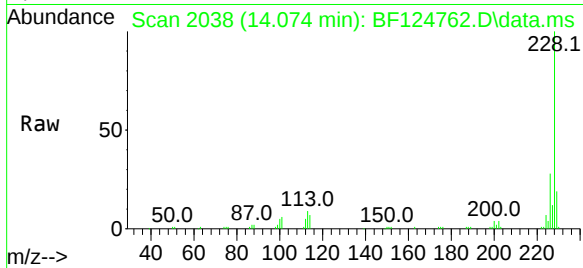




#83  
Chrysene  
Concen: 44.474 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

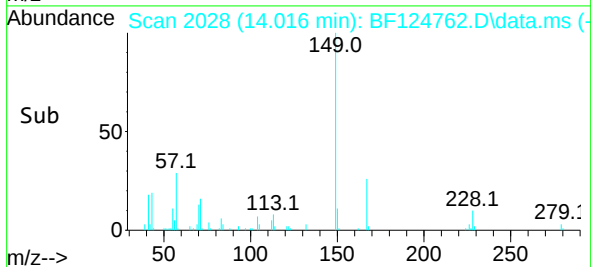
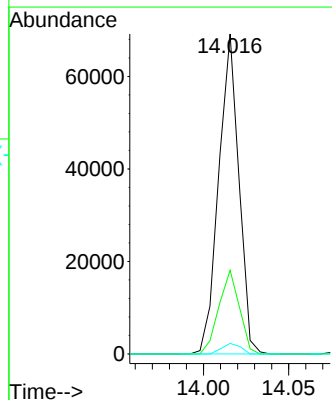
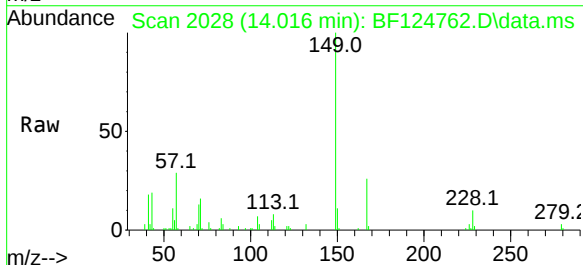
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BNA\_F  
ClientSampleId :  
PB137842BS

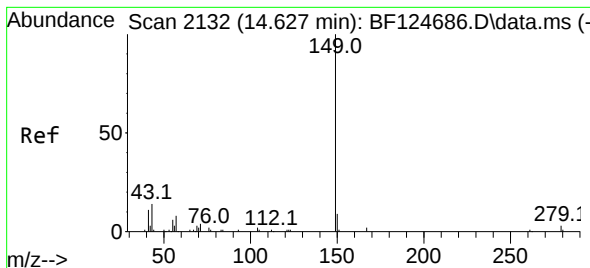
Tgt Ion:228 Resp: 60239  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.6 34.0  
229 18.8 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 47.381 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:149 Resp: 56917  
Ion Ratio Lower Upper  
149 100  
167 26.1 21.4 32.0  
279 3.3 2.6 4.0

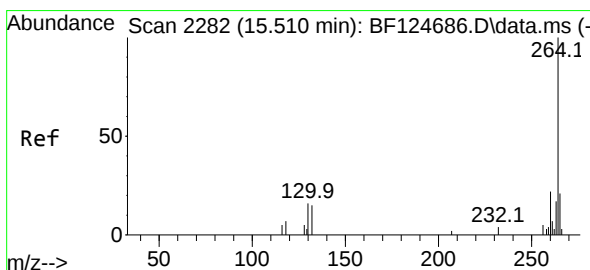
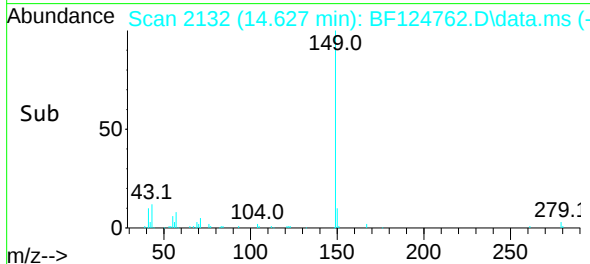
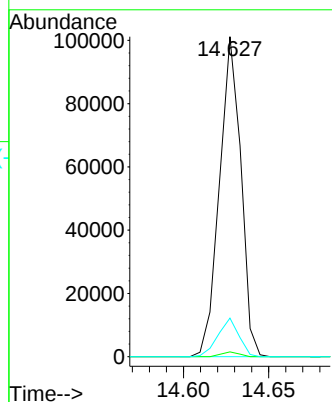
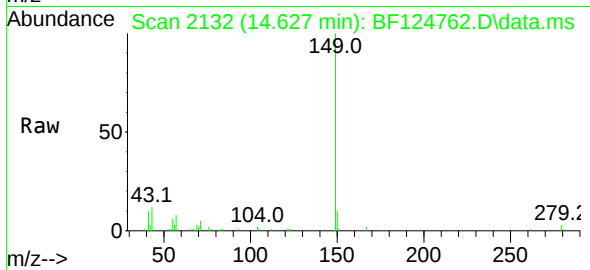




#85  
Di-n-octyl phthalate  
Concen: 45.358 ng  
RT: 14.627 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

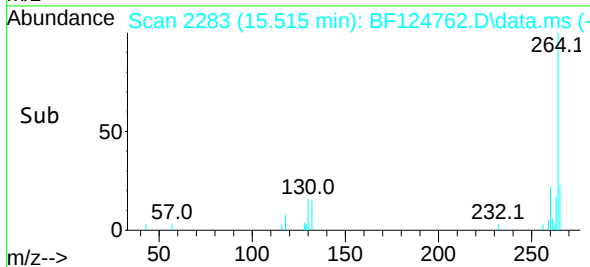
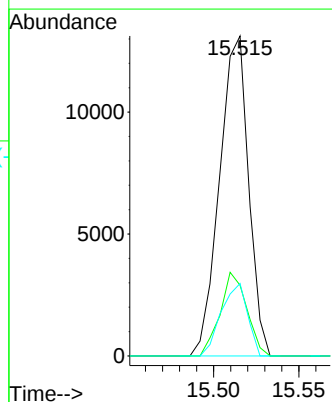
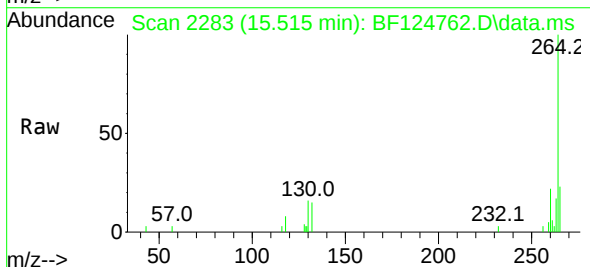
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ClientSampleId :  
PB137842BS

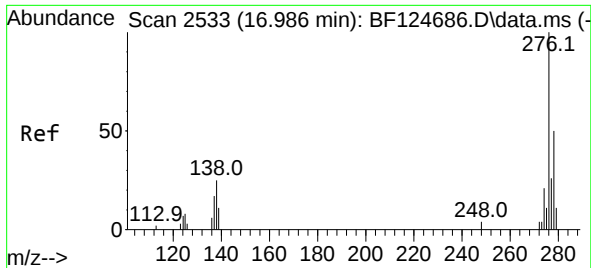
Tgt Ion:149 Resp: 88417  
Ion Ratio Lower Upper  
149 100  
167 1.2 1.0 1.6  
43 11.8 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.515 min Scan# 2283  
Delta R.T. 0.006 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:264 Resp: 15571  
Ion Ratio Lower Upper  
264 100  
260 22.1 19.6 29.4  
265 22.7 17.2 25.8

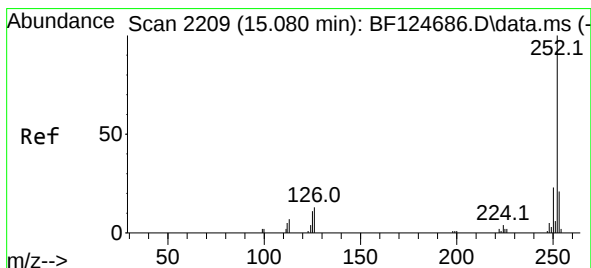
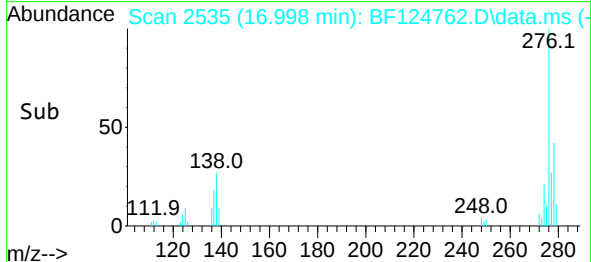
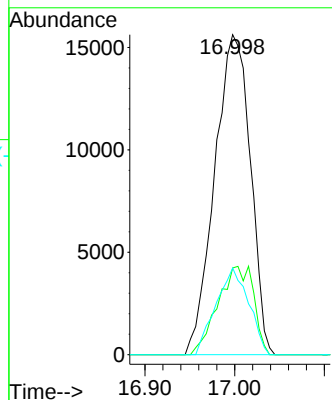
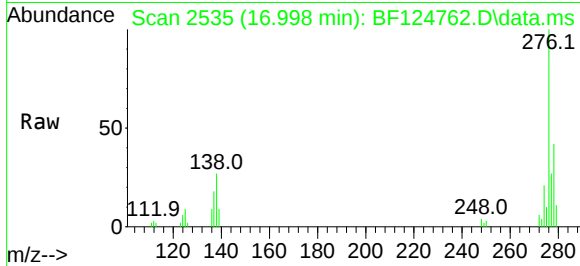




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.025 ng  
RT: 16.998 min Scan# 2535  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

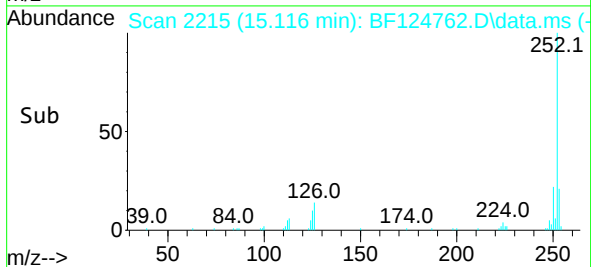
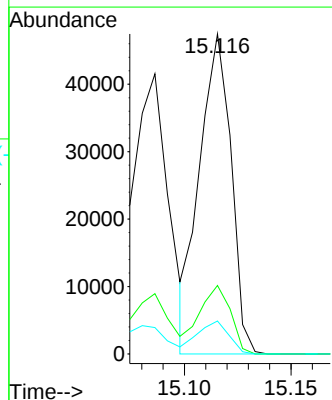
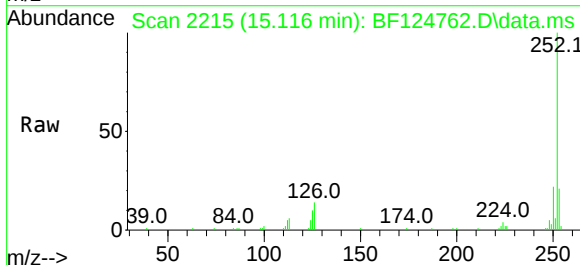
Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

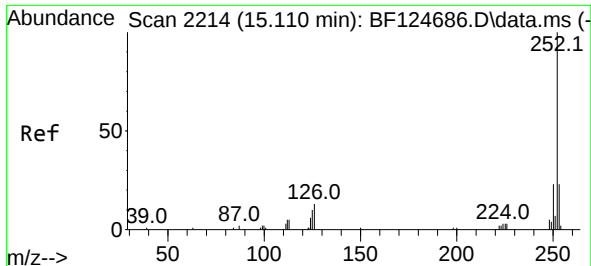
Tgt Ion:276 Resp: 43172  
Ion Ratio Lower Upper  
276 100  
138 27.6 24.1 36.1  
277 24.9 18.8 28.2



#88  
Benzo(b)fluoranthene  
Concen: 44.444 ng  
RT: 15.116 min Scan# 2215  
Delta R.T. 0.035 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Tgt Ion:252 Resp: 48725  
Ion Ratio Lower Upper  
252 100  
253 21.4 16.8 25.2  
125 10.3 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 48.641 ng

RT: 15.116 min Scan# 2215

Delta R.T. 0.006 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

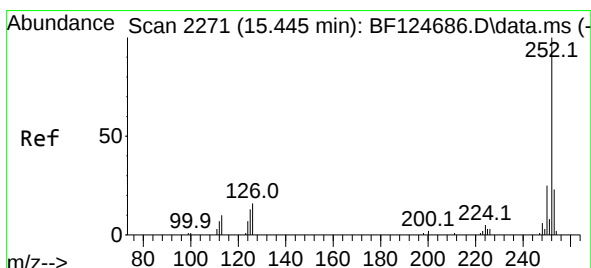
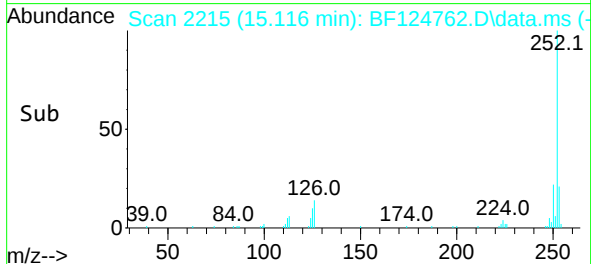
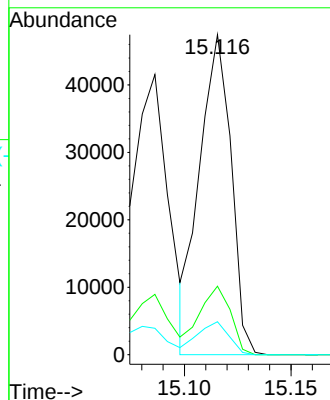
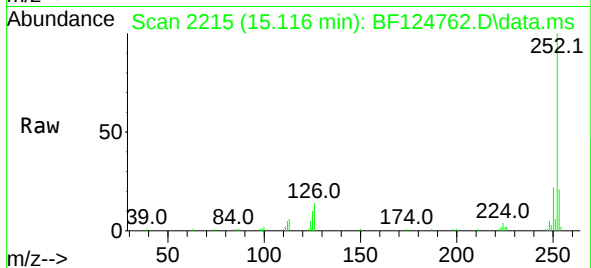
Instrument :

BNA\_F

ClientSampleId :

PB137842BS

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 48725     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 21.4  | 17.8 26.8 |
| 125         | 10.3  | 7.2 10.8  |



#90

Benzo(a)pyrene

Concen: 49.749 ng

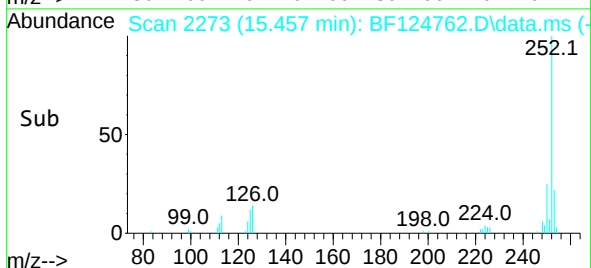
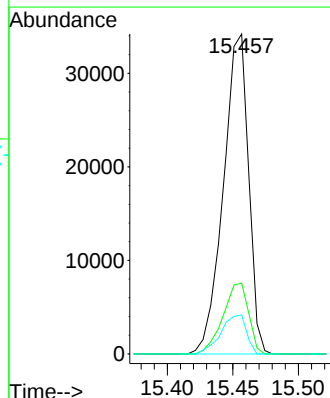
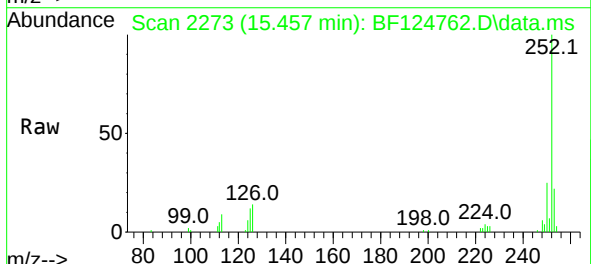
RT: 15.457 min Scan# 2273

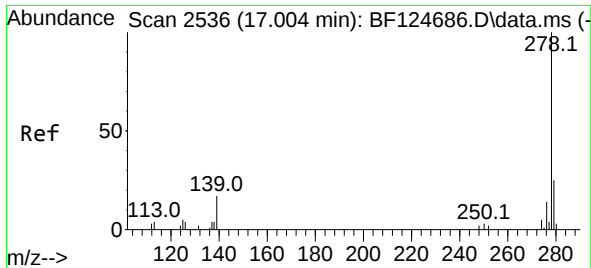
Delta R.T. 0.012 min

Lab File: BF124762.D

Acq: 26 Jul 2021 13:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 45561     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.1  | 18.4 27.6 |
| 125         | 12.1  | 9.9 14.9  |

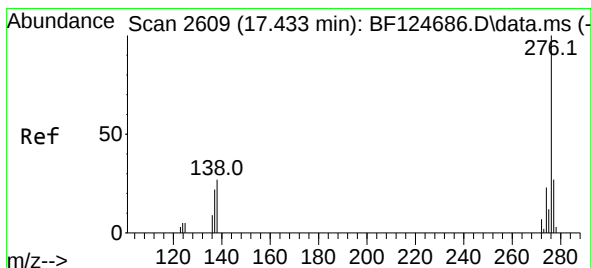
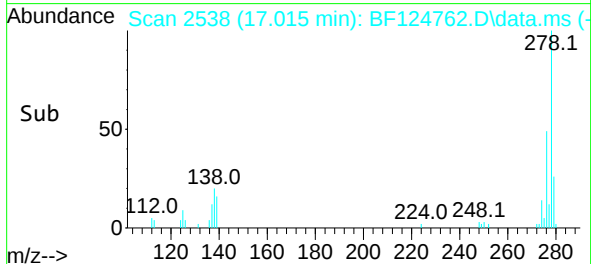
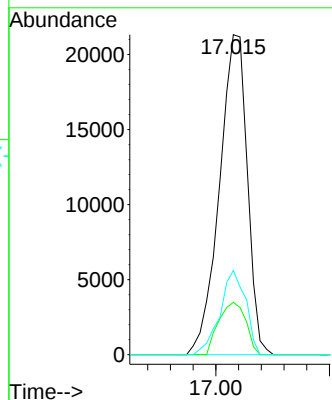
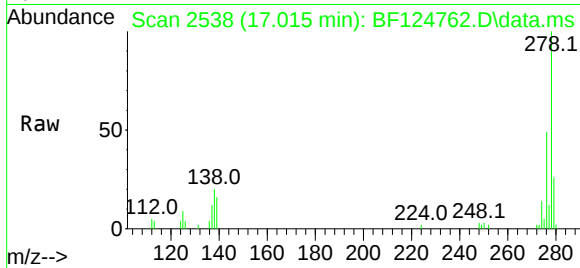




#91  
Dibenzo(a,h)anthracene  
Concen: 46.135 ng  
RT: 17.015 min Scan# 2538  
Delta R.T. 0.012 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

Instrument :  
BNA\_F  
ClientSampleId :  
PB137842BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 36307 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 16.4  | 14.9  | 22.3  |
| 279       | 26.3  | 19.7  | 29.5  |



#92  
Benzo(g,h,i)perylene  
Concen: 46.458 ng  
RT: 17.451 min Scan# 2612  
Delta R.T. 0.018 min  
Lab File: BF124762.D  
Acq: 26 Jul 2021 13:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 34670 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 22.5  | 22.0  | 33.0  |
| 138       | 21.4  | 22.2  | 33.4# |

