

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090921\  
 Data File : BF125408.D  
 Acq On : 9 Sep 2021 12:28  
 Operator : JU/CG  
 Sample : PB138985BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138985BS

Quant Time: Sep 09 14:51:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 08 14:14:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 159394   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 614762   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.927  | 164  | 325692   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 569477   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 320720   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.551 | 264  | 311063   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 1168033  | 110.916 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.528  | 99   | 1449784  | 106.448 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 987936   | 80.904  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 457267   | 140.649 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1714228  | 73.357  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1753157  | 87.083  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.746  | 88   | 183725   | 35.356  | ng    | # 100    |
| 3) Pyridine                   | 3.510  | 79   | 415814   | 30.312  | ng    | # 90     |
| 4) n-Nitrosodimethylamine     | 3.463  | 42   | 269569   | 39.270  | ng    | # 33     |
| 6) Aniline                    | 6.551  | 93   | 639537   | 39.975  | ng    | # 92     |
| 8) 2-Chlorophenol             | 6.675  | 128  | 462943   | 43.093  | ng    | 82       |
| 9) Benzaldehyde               | 6.439  | 77   | 335836   | 35.136  | ng    | 95       |
| 10) Phenol                    | 6.539  | 94   | 592207   | 41.521  | ng    | 86       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 481919   | 42.902  | ng    | 84       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 511098   | 41.056  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 518946   | 41.836  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 500973   | 42.929  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 433270   | 41.317  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 897058   | 39.821  | ng    | 93       |
| 17) 2-Methylphenol            | 7.145  | 107  | 382519   | 42.388  | ng    | # 92     |
| 18) Hexachloroethane          | 7.398  | 117  | 187859   | 43.250  | ng    | # 84     |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 331086   | 40.416  | ng    | # 76     |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 434407   | 38.348  | ng    | # 71     |
| 22) Acetophenone              | 7.298  | 105  | 636685   | 40.241  | ng    | # 86     |
| 24) Nitrobenzene              | 7.475  | 77   | 545374   | 40.988  | ng    | 91       |
| 25) Isophorone                | 7.710  | 82   | 951289   | 40.382  | ng    | # 89     |
| 26) 2-Nitrophenol             | 7.786  | 139  | 252362   | 47.499  | ng    | # 79     |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 401640   | 43.181  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 586367   | 44.956  | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 8.033  | 162  | 393011   | 41.431  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 438047   | 42.348  | ng    | 96       |
| 31) Naphthalene               | 8.192  | 128  | 1250612  | 39.722  | ng    | 99       |
| 32) Benzoic acid              | 7.957  | 122  | 266531   | 42.219  | ng    | # 81     |
| 33) 4-Chloroaniline           | 8.239  | 127  | 414273   | 33.377  | ng    | # 91     |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 278881   | 42.282  | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 73594    | 29.953  | ng    | # 51     |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 423143   | 43.696  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 867079   | 41.677  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 789852   | 40.655  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 440819   | 41.427  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 452159   | 80.879  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 306470   | 40.904  | ng    | 98       |

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 Sample : PB138985BS  
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 ALS Vial : 5 Sample Multiplier: 1

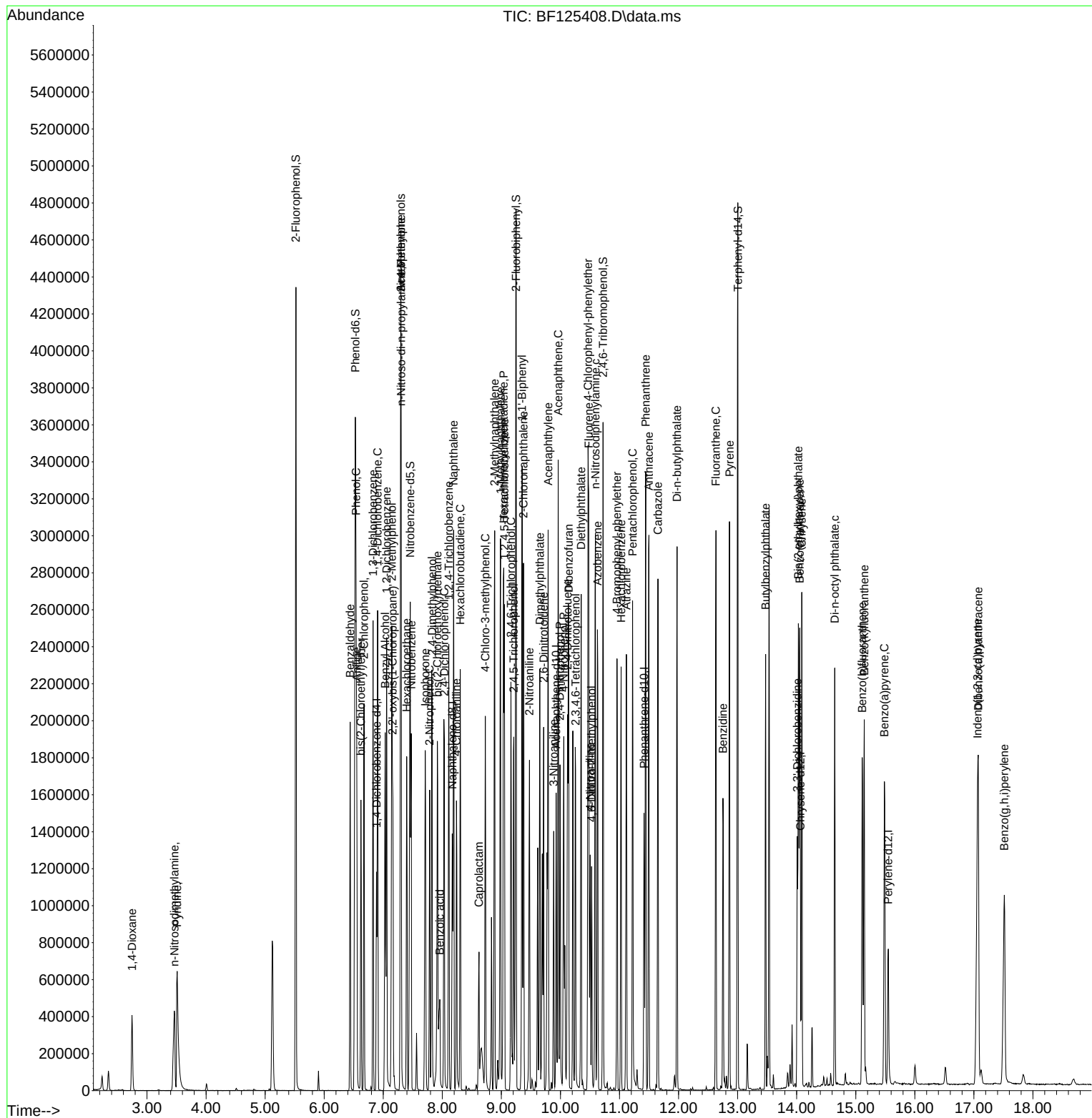
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138985BS

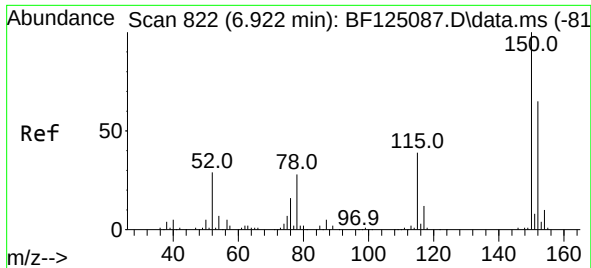
Quant Time: Sep 09 14:51:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 08 14:14:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 313199   | 39.733  | ng    | # 90     |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 988211   | 37.635  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 825861   | 38.704  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 298480   | 45.126  | ng    | 84       |
| 49) Acenaphthylene            | 9.792  | 152  | 1226238  | 39.437  | ng    | 97       |
| 50) Dimethylphthalate         | 9.651  | 163  | 963273   | 42.679  | ng    | # 96     |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 212528   | 43.426  | ng    | 90       |
| 52) Acenaphthene              | 9.963  | 154  | 718874   | 37.295  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 182511   | 34.581  | ng    | # 76     |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 228359   | 118.128 | ng    | # 81     |
| 55) Dibenzofuran              | 10.139 | 168  | 1065474  | 38.409  | ng    | 96       |
| 56) 4-Nitrophenol             | 10.057 | 139  | 307616   | 73.602  | ng    | # 78     |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 278779   | 47.066  | ng    | # 98     |
| 58) Fluorene                  | 10.480 | 166  | 833803   | 40.656  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 247361   | 42.286  | ng    | # 84     |
| 60) Diethylphthalate          | 10.351 | 149  | 942266   | 42.824  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 434350   | 41.887  | ng    | # 86     |
| 62) 4-Nitroaniline            | 10.504 | 138  | 219039   | 46.153  | ng    | # 82     |
| 63) Azobenzene                | 10.627 | 77   | 954494   | 38.674  | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198  | 152113   | 50.468  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 805091   | 39.483  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 294696   | 43.094  | ng    | 94       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 313247   | 44.528  | ng    | # 83     |
| 69) Atrazine                  | 11.116 | 200  | 276082   | 47.183  | ng    | 92       |
| 70) Pentachlorophenol         | 11.222 | 266  | 319164   | 77.700  | ng    | 92       |
| 71) Phenanthrene              | 11.445 | 178  | 1230587  | 39.218  | ng    | 98       |
| 72) Anthracene                | 11.498 | 178  | 1264880  | 40.897  | ng    | 98       |
| 73) Carbazole                 | 11.651 | 167  | 1068429  | 37.803  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 1397215  | 41.659  | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1208638  | 38.819  | ng    | 97       |
| 77) Benzidine                 | 12.751 | 184  | 643543   | 57.454  | ng    | 97       |
| 78) Pyrene                    | 12.863 | 202  | 1214330  | 44.139  | ng    | 96       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 488553   | 45.194  | ng    | # 93     |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 951169   | 41.162  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 285287   | 39.827  | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 923816   | 40.425  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 648426   | 43.642  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 996982   | 40.345  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.062 | 276  | 1120493  | 50.001  | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 15.109 | 252  | 954112   | 41.984  | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 871271   | 41.085  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 899968   | 44.832  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 17.074 | 278  | 946460   | 48.860  | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 968727   | 51.866  | ng    | # 88     |

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

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QLast Update : Wed Sep 08 14:14:01 2021  
Response via : Initial Calibration

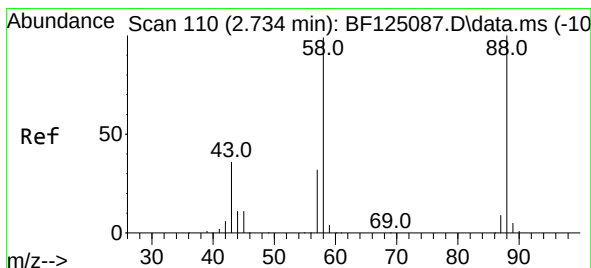
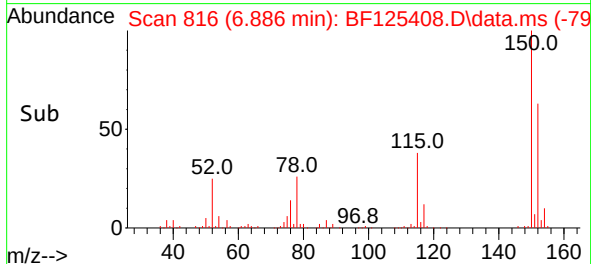
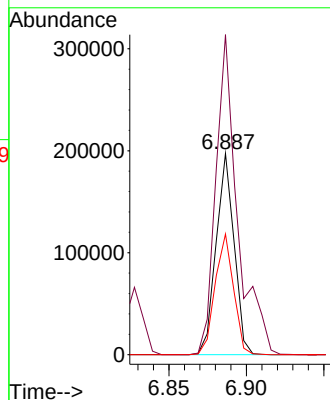
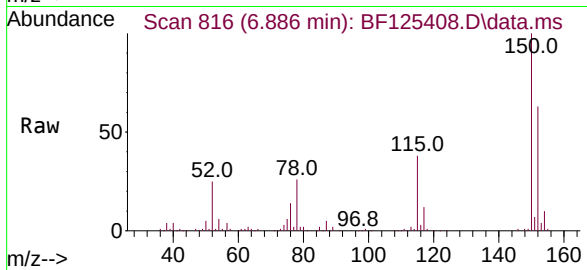




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 816  
 Delta R.T. 0.000 min  
 Lab File: BF125408.D  
 Acq: 9 Sep 2021 12:28

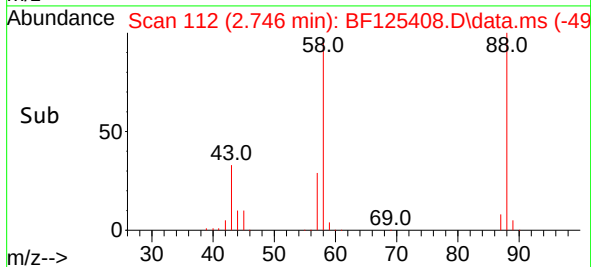
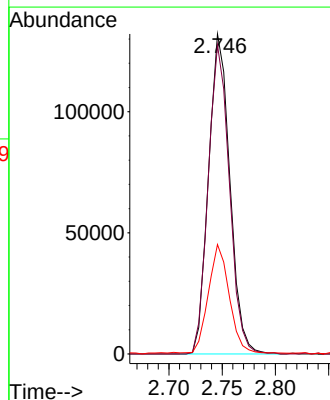
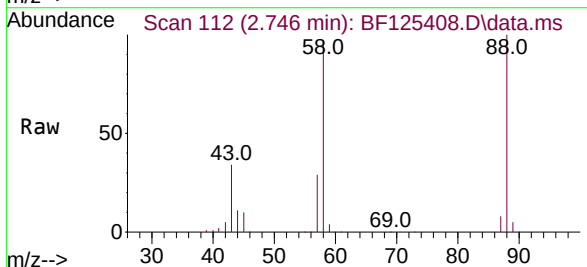
Instrument :  
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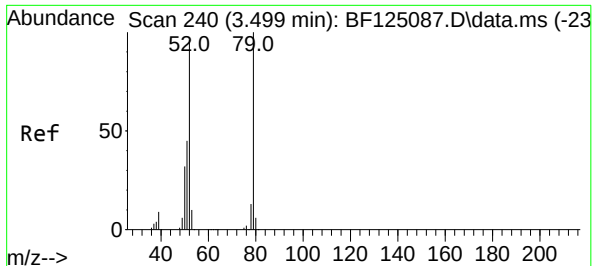
Tgt Ion:152 Resp: 159394  
 Ion Ratio Lower Upper  
 152 100  
 150 159.0 117.6 176.4  
 115 60.0 47.1 70.7



#2  
 1,4-Dioxane  
 Concen: 35.356 ng  
 RT: 2.746 min Scan# 112  
 Delta R.T. 0.071 min  
 Lab File: BF125408.D  
 Acq: 9 Sep 2021 12:28

Tgt Ion: 88 Resp: 183725  
 Ion Ratio Lower Upper  
 88 100  
 58 96.1 0.0 0.0#  
 43 33.2 0.0 0.0#

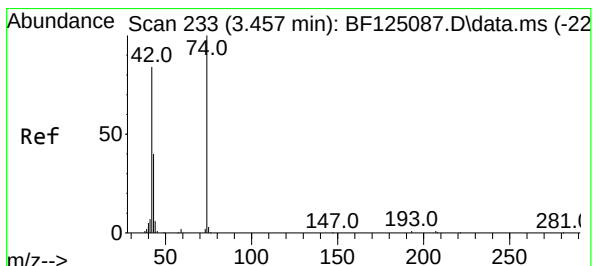
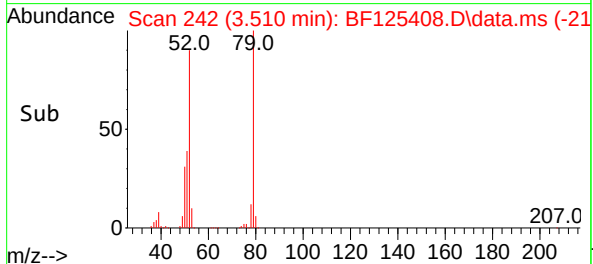
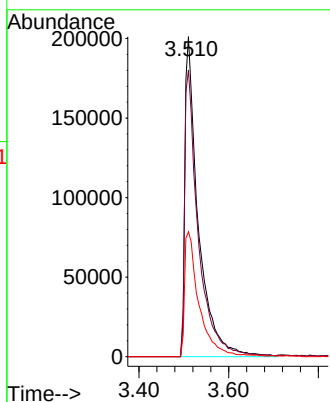
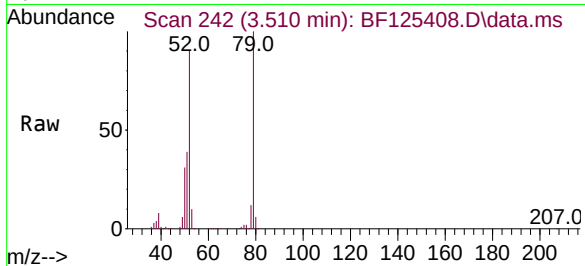




#3  
Pyridine  
Concen: 30.312 ng  
RT: 3.510 min Scan# 242  
Delta R.T. 0.071 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

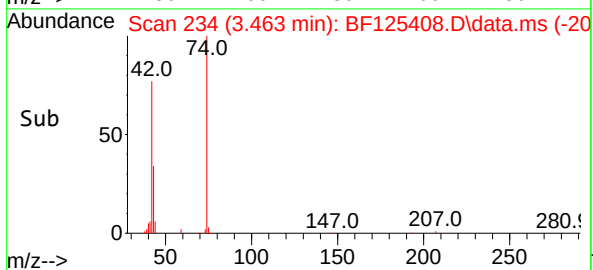
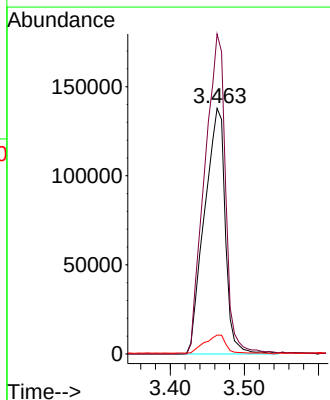
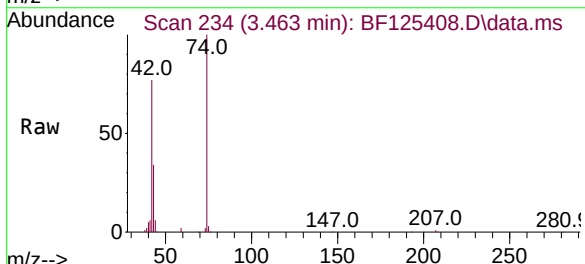
Instrument :  
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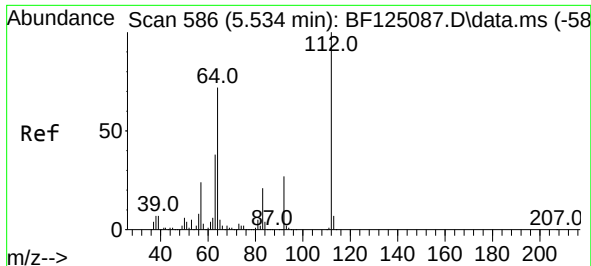
Tgt Ion: 79 Resp: 415814  
Ion Ratio Lower Upper  
79 100  
52 89.6 70.3 105.5  
51 39.1 44.1 66.1#



#4  
n-Nitrosodimethylamine  
Concen: 39.270 ng  
RT: 3.463 min Scan# 234  
Delta R.T. 0.059 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion: 42 Resp: 269569  
Ion Ratio Lower Upper  
42 100  
74 130.3 59.0 88.6#  
44 7.7 0.0 0.0#

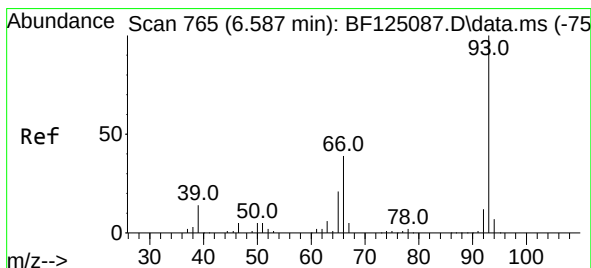
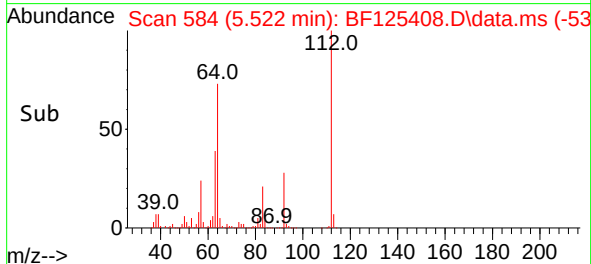
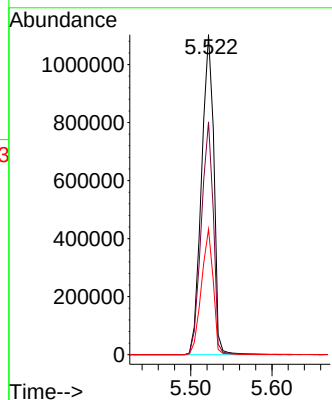
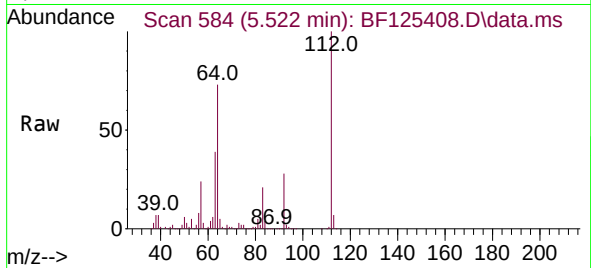




#5  
2-Fluorophenol  
Concen: 110.916 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.012 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

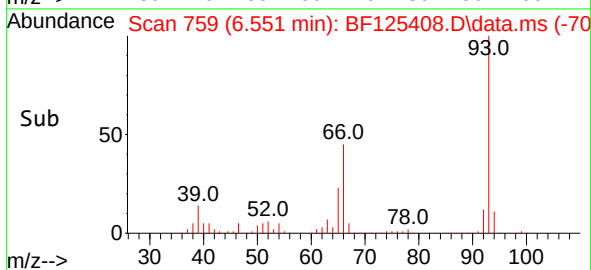
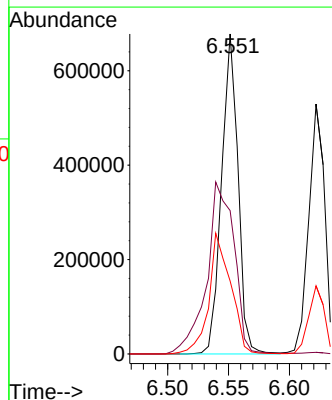
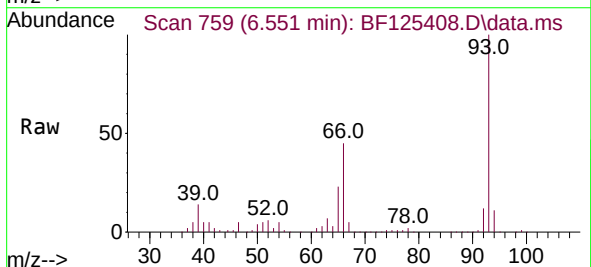
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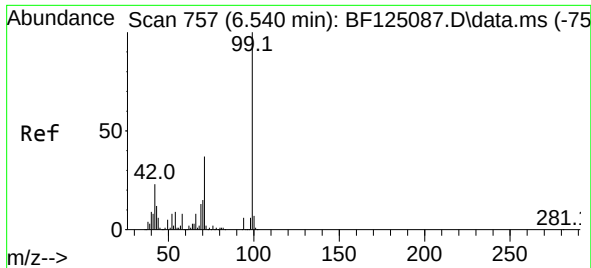
Tgt Ion:112 Resp: 1168033  
Ion Ratio Lower Upper  
112 100  
64 72.8 44.2 66.2#  
63 39.2 26.2 39.2



#6  
Aniline  
Concen: 39.975 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion: 93 Resp: 639537  
Ion Ratio Lower Upper  
93 100  
66 44.8 32.7 49.1  
65 22.8 14.2 21.4#

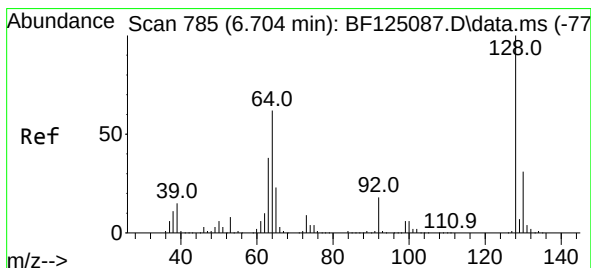
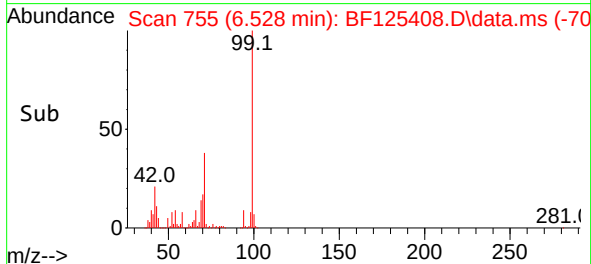
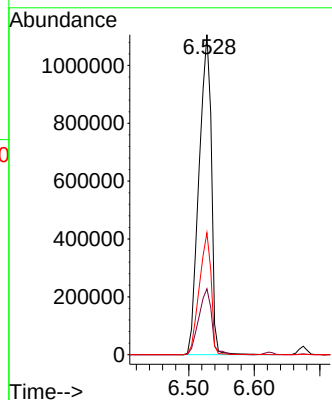
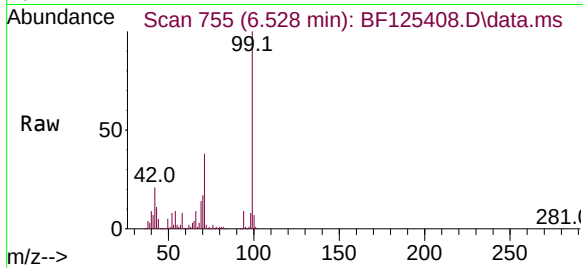




#7  
Phenol-d6  
Concen: 106.448 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

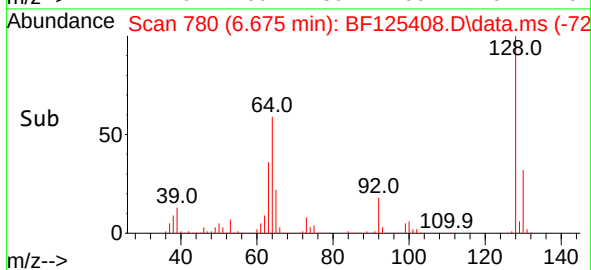
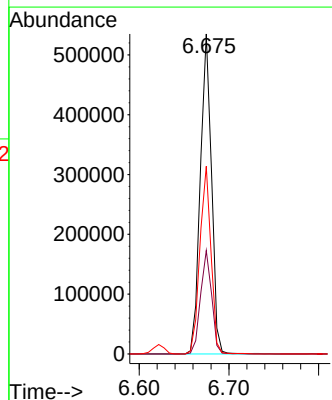
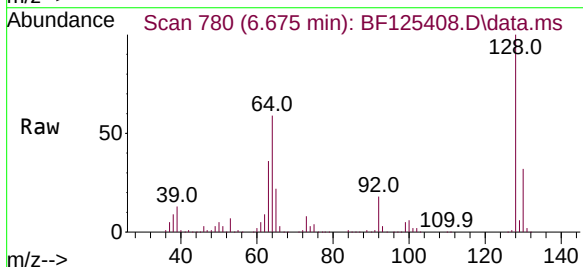
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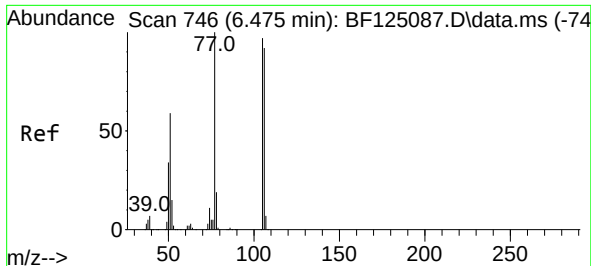
Tgt Ion: 99 Resp: 1449784  
Ion Ratio Lower Upper  
99 100  
42 20.6 23.5 35.3#  
71 38.1 25.6 38.4



#8  
2-Chlorophenol  
Concen: 43.093 ng  
RT: 6.675 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion: 128 Resp: 462943  
Ion Ratio Lower Upper  
128 100  
130 32.3 10.5 50.5  
64 58.6 20.3 60.3

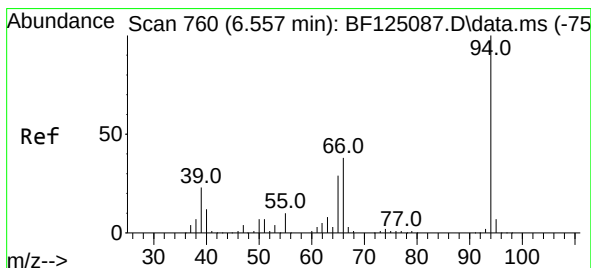
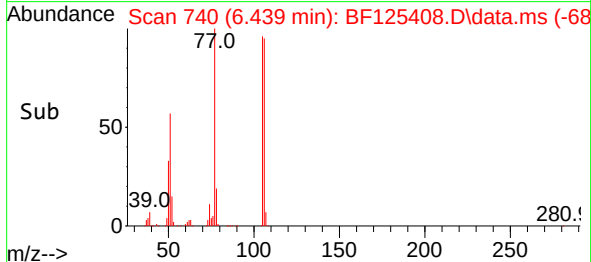
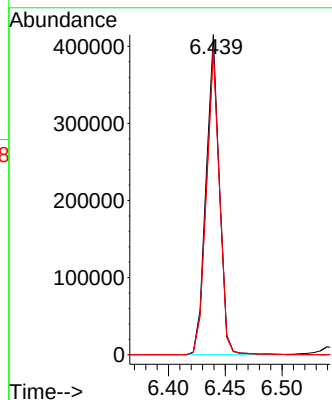
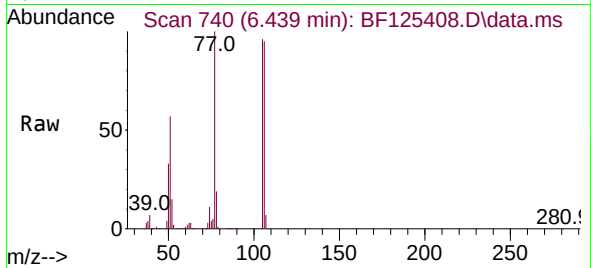




#9  
Benzaldehyde  
Concen: 35.136 ng  
RT: 6.439 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

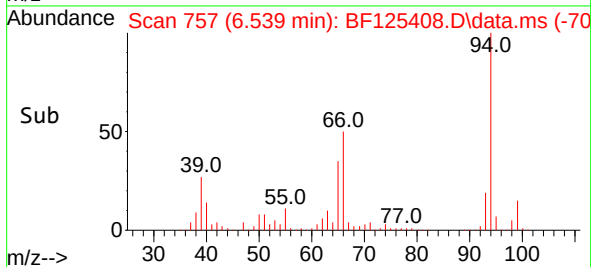
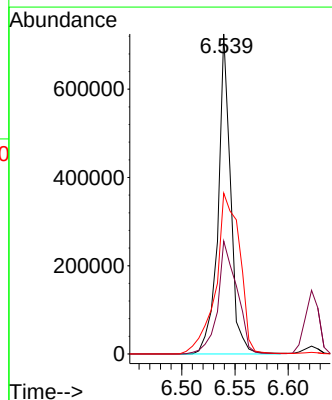
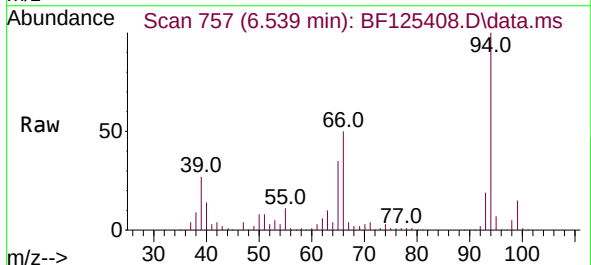
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

Tgt Ion: 77 Resp: 335836  
Ion Ratio Lower Upper  
77 100  
105 96.0 75.9 115.9  
106 94.7 84.0 124.0

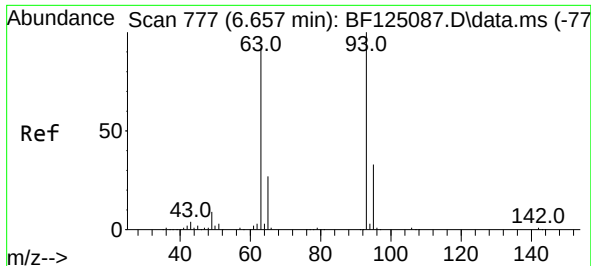


#10  
Phenol  
Concen: 41.521 ng  
RT: 6.539 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion: 94 Resp: 592207  
Ion Ratio Lower Upper  
94 100  
65 35.3 9.3 49.3  
66 50.3 20.3 60.3



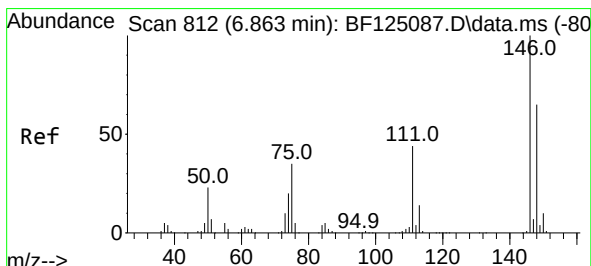
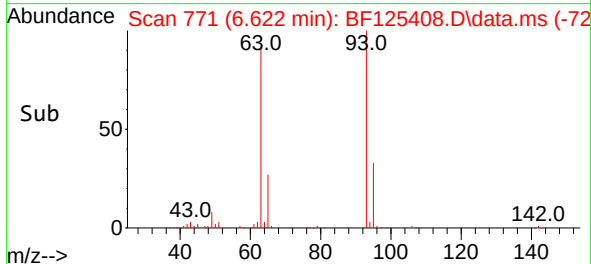
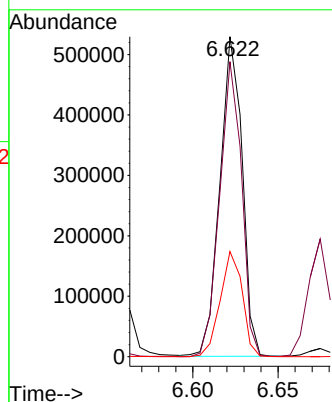
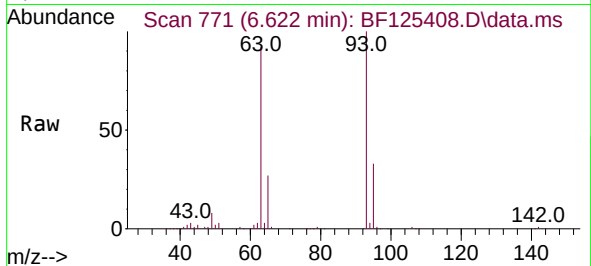




#11  
bis(2-Chloroethyl)ether  
Concen: 42.902 ng  
RT: 6.622 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

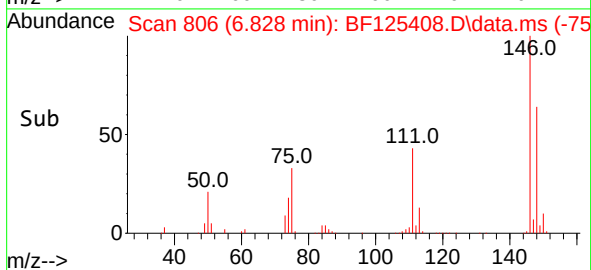
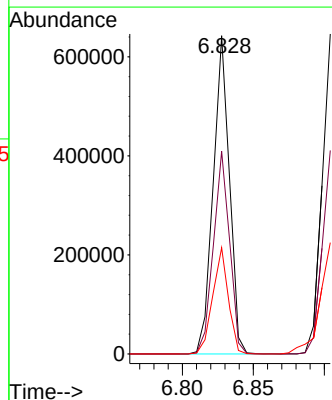
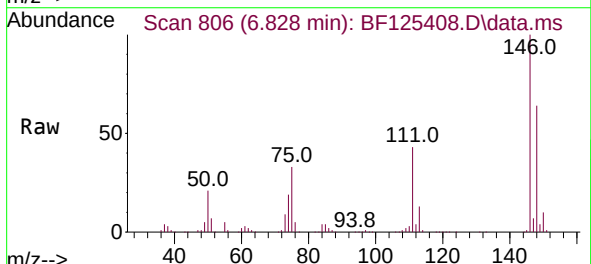
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

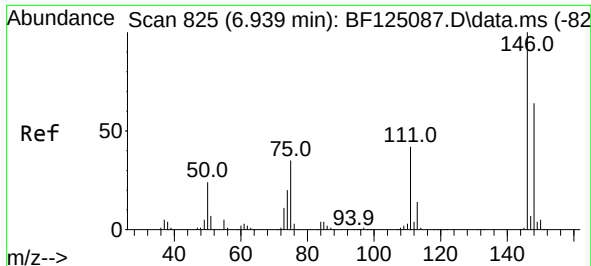
Tgt Ion: 93 Resp: 481919  
Ion Ratio Lower Upper  
93 100  
63 92.2 54.4 94.4  
95 32.9 11.4 51.4



#12  
1,3-Dichlorobenzene  
Concen: 41.056 ng  
RT: 6.828 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:146 Resp: 511098  
Ion Ratio Lower Upper  
146 100  
148 63.7 49.7 74.5  
75 33.4 25.2 37.8

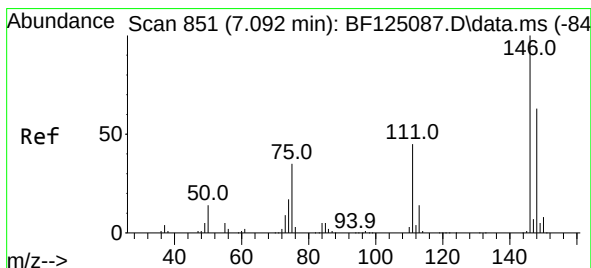
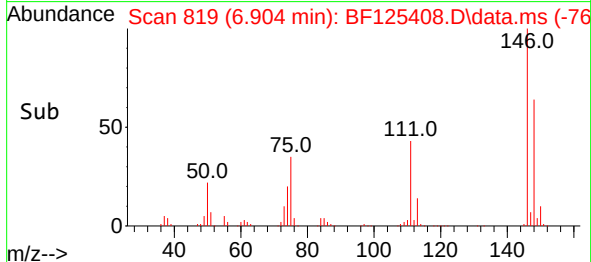
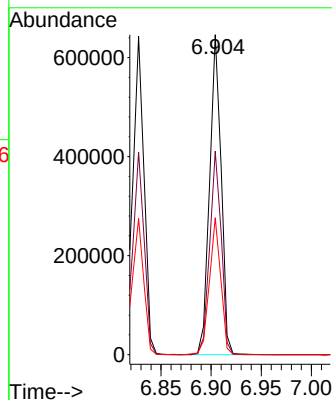
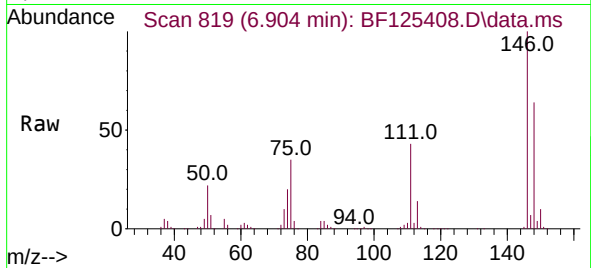




#13  
1,4-Dichlorobenzene  
Concen: 41.836 ng  
RT: 6.904 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

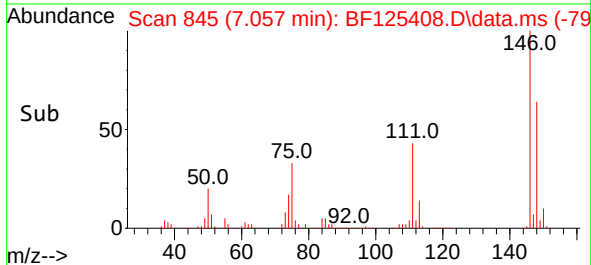
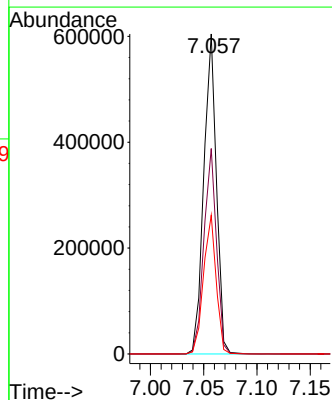
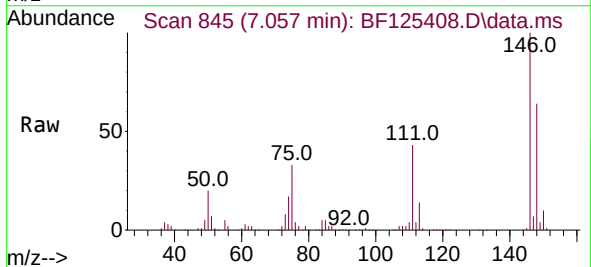
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

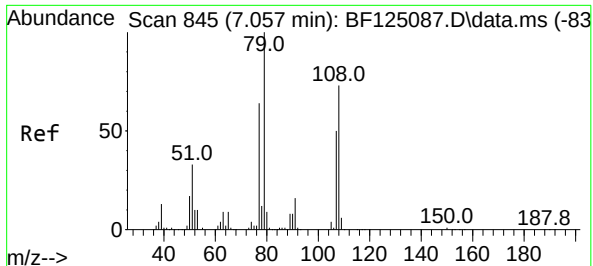
Tgt Ion:146 Resp: 518946  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.9 77.9  
111 42.8 31.8 47.6



#14  
1,2-Dichlorobenzene  
Concen: 42.929 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:146 Resp: 500973  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.6 75.8  
111 43.4 33.5 50.3

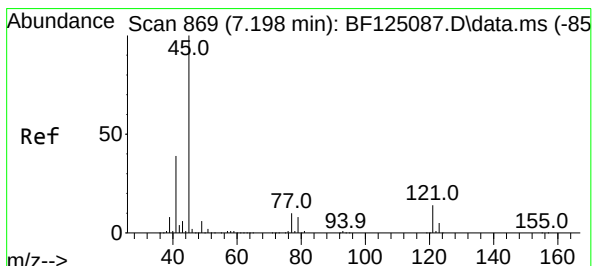
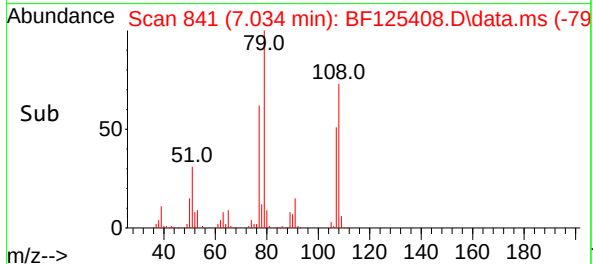
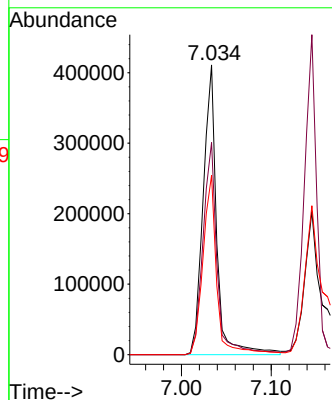
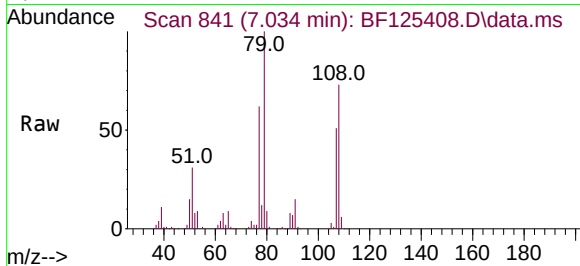




#15  
Benzyl Alcohol  
Concen: 41.317 ng  
RT: 7.034 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

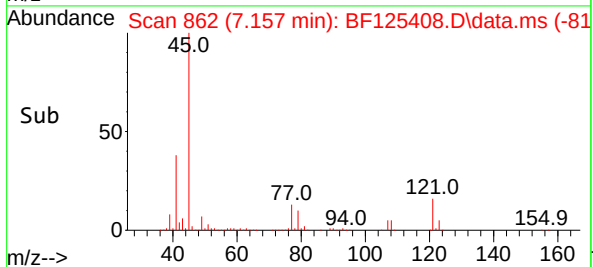
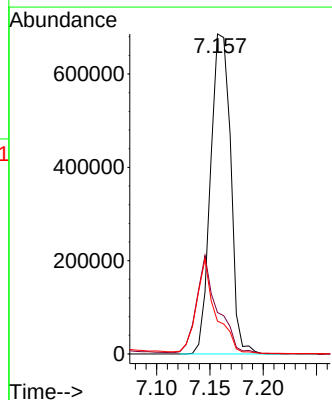
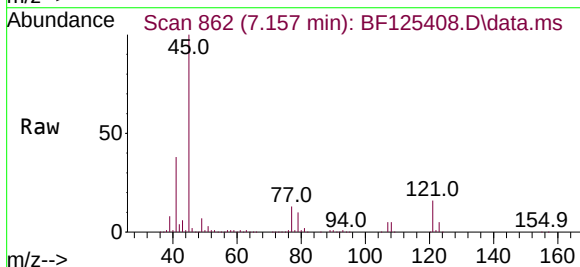
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

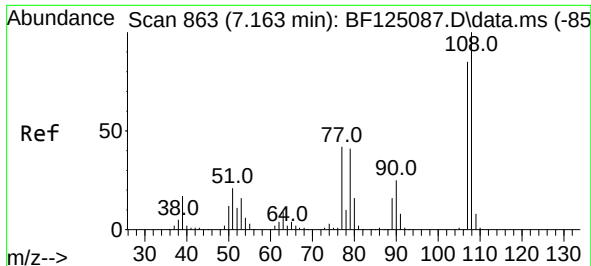
Tgt Ion: 79 Resp: 433270  
Ion Ratio Lower Upper  
79 100  
108 73.2 60.4 90.6  
77 61.9 51.5 77.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.821 ng  
RT: 7.157 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion: 45 Resp: 897058  
Ion Ratio Lower Upper  
45 100  
77 12.9 0.0 30.6  
79 10.3 0.0 27.5

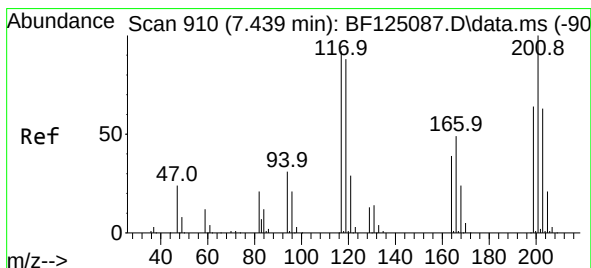
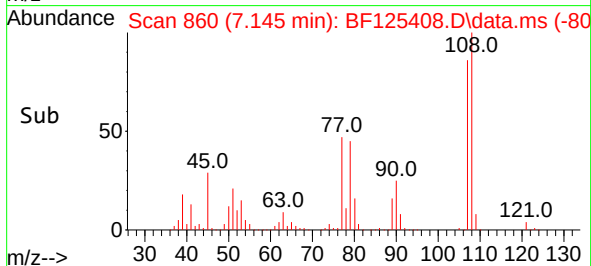
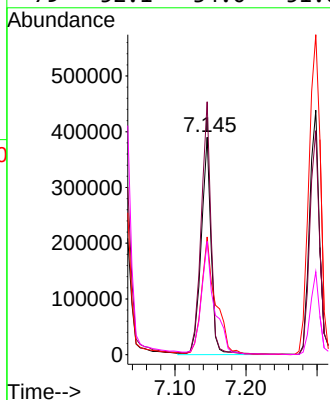
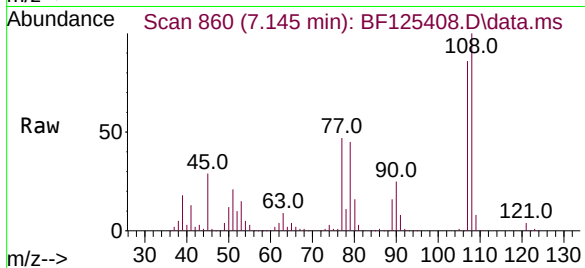




#17  
2-Methylphenol  
Concen: 42.388 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

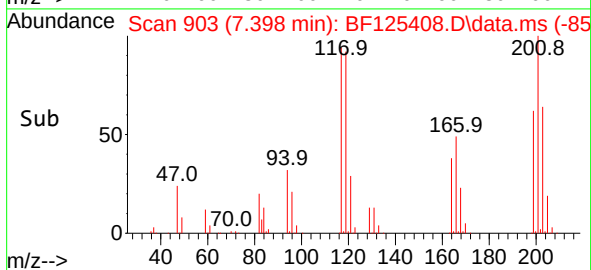
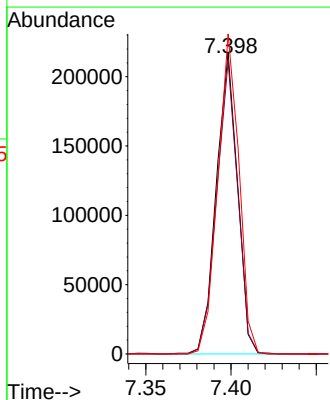
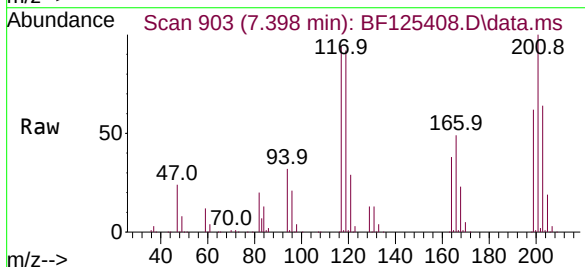
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

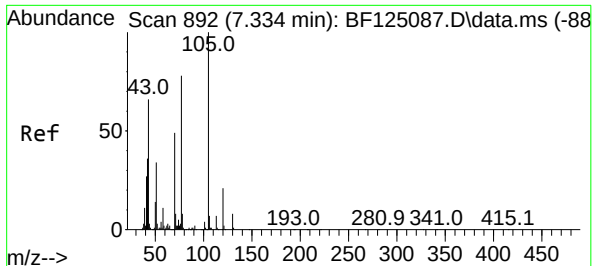
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 382519 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.3 | 90.6  | 135.8  |
| 77       | 54.1  | 35.7  | 53.5#  |
| 79       | 52.1  | 34.0  | 51.0#  |



#18  
Hexachloroethane  
Concen: 43.250 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 187859 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.1  | 73.4  | 110.2  |
| 201      | 106.1 | 64.9  | 97.3#  |

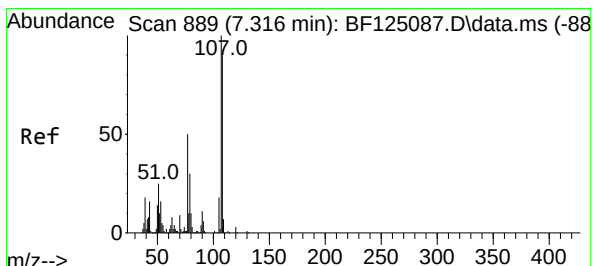
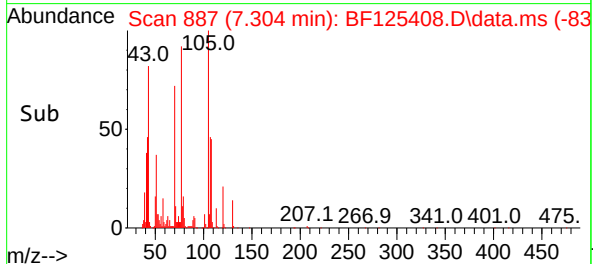
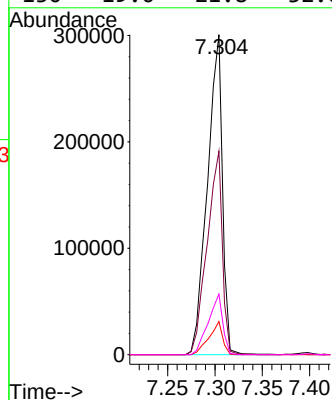
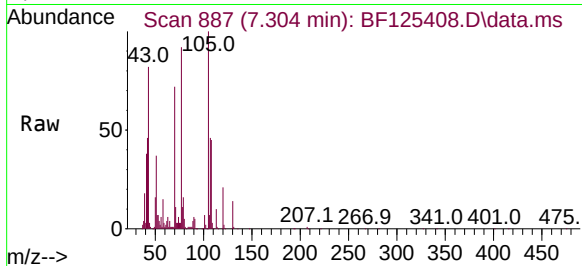




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.416 ng  
RT: 7.304 min Scan# 887  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

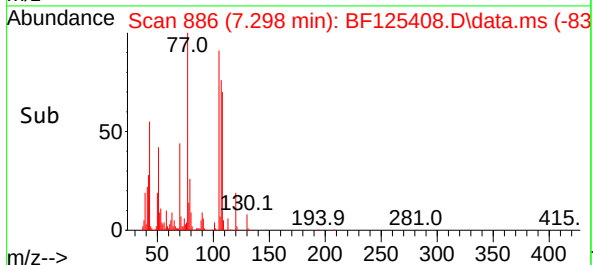
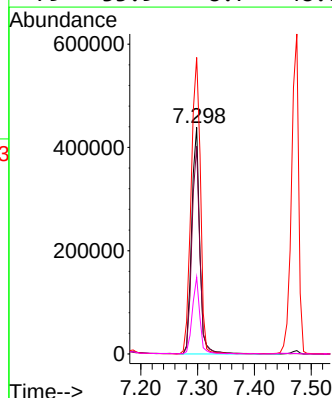
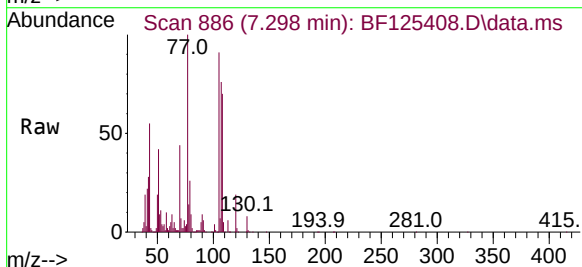
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

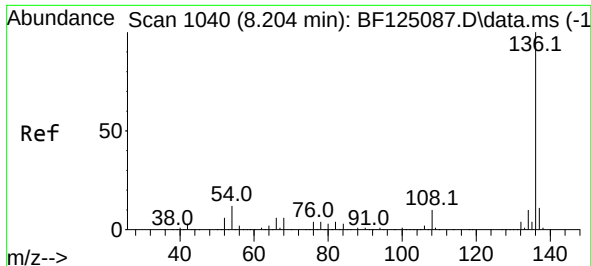
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 331086 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.6  | 72.2  | 108.2# |
| 101      | 10.4  | 7.8   | 11.8   |
| 130      | 19.0  | 21.8  | 32.6#  |



#20  
3+4-Methylphenols  
Concen: 38.348 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

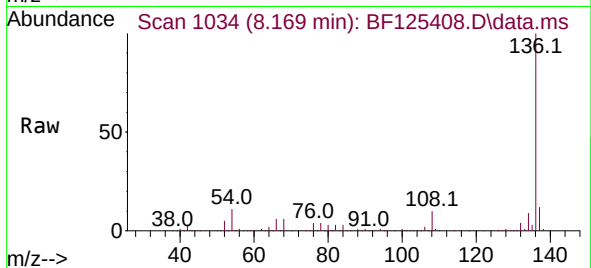
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 434407 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.6  | 76.6  | 116.6  |
| 77       | 130.8 | 53.3  | 93.3#  |
| 79       | 33.9  | 8.7   | 48.7   |



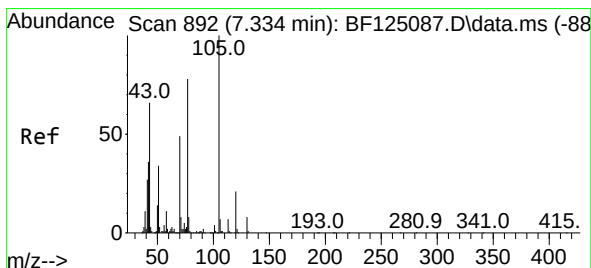
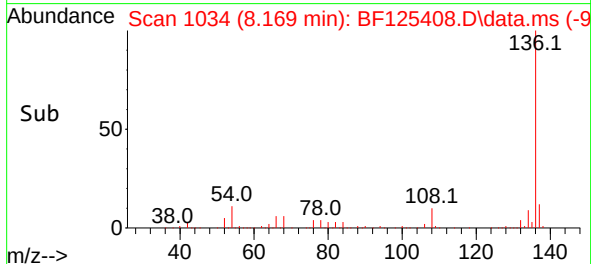
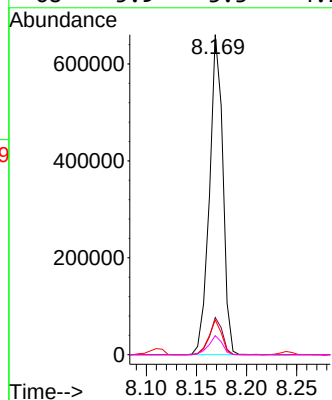


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

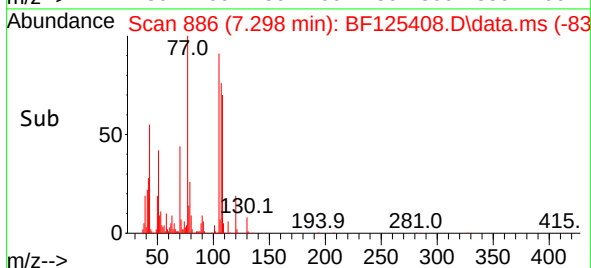
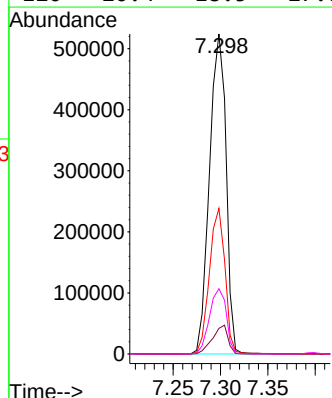
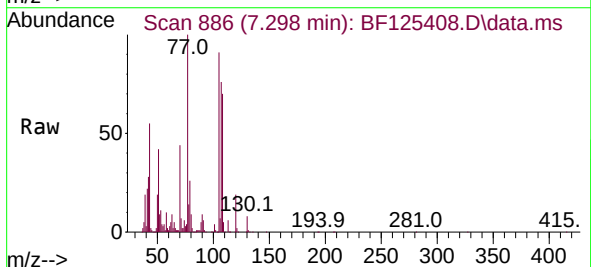


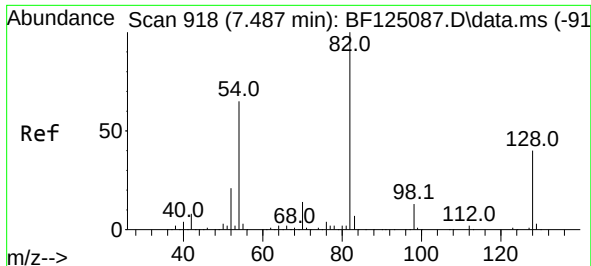
Tgt Ion:136 Resp: 614762  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.8 14.6  
54 10.9 6.4 9.6#  
68 5.9 3.3 4.9#



#22  
Acetophenone  
Concen: 40.241 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:105 Resp: 636685  
Ion Ratio Lower Upper  
105 100  
71 8.0 5.5 8.3  
51 45.5 26.0 39.0#  
120 20.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 80.904 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

Tgt Ion: 82 Resp: 987936

Ion Ratio Lower Upper

82 100

128 39.9 40.6 60.8#

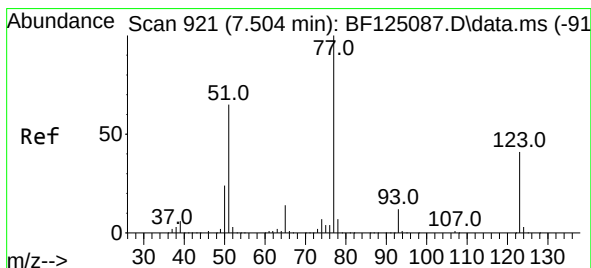
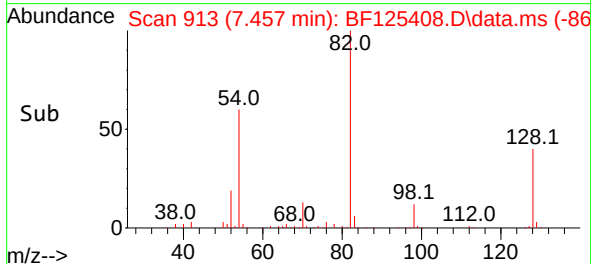
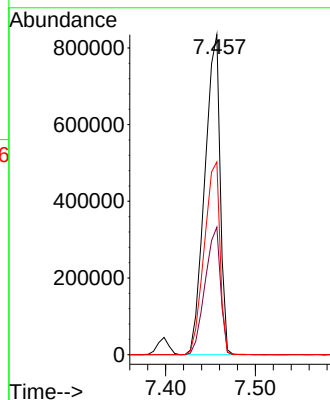
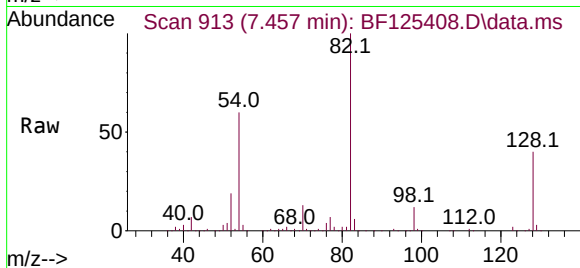
54 60.2 49.6 74.4

Instrument :

BNA\_F

ClientSampleId :

PB138985BS



#24

Nitrobenzene

Concen: 40.988 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

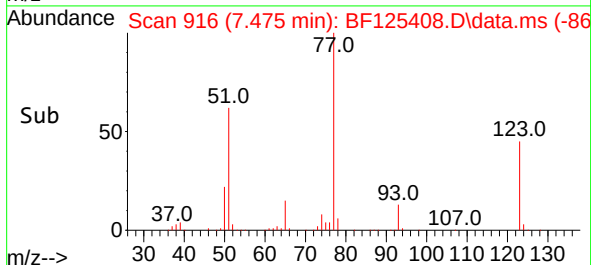
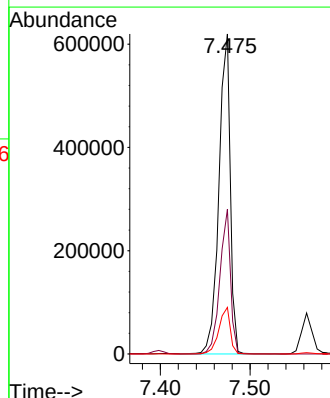
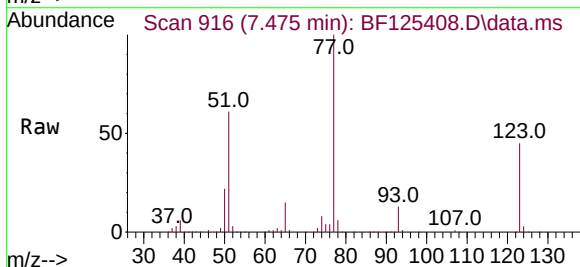
Tgt Ion: 77 Resp: 545374

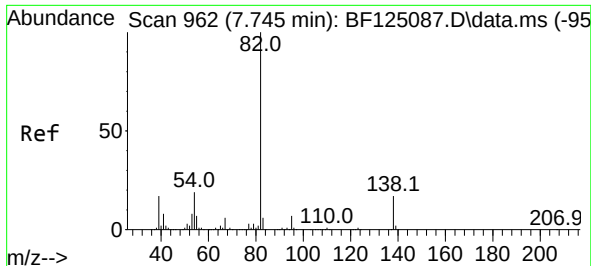
Ion Ratio Lower Upper

77 100

123 45.2 42.3 63.5

65 14.5 12.4 18.6

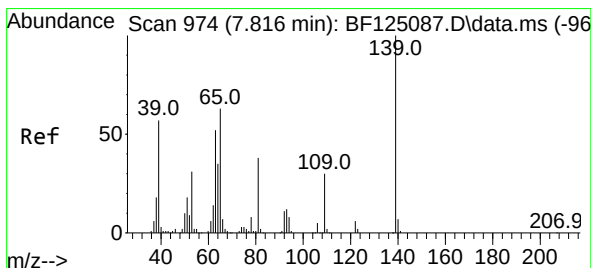
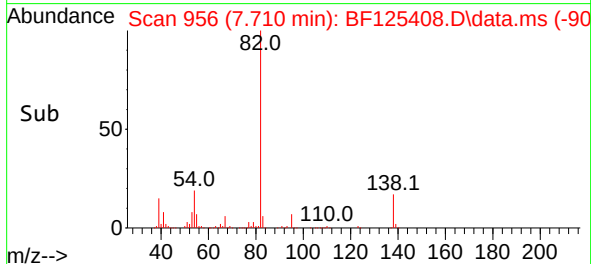
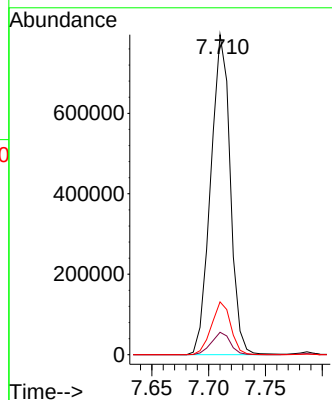
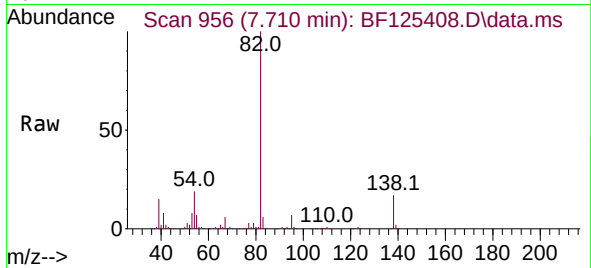




#25  
Isophorone  
Concen: 40.382 ng  
RT: 7.710 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

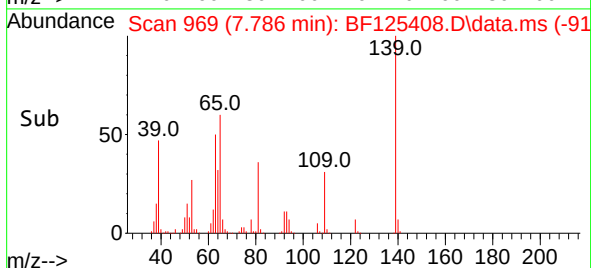
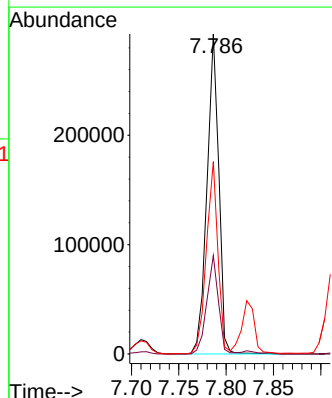
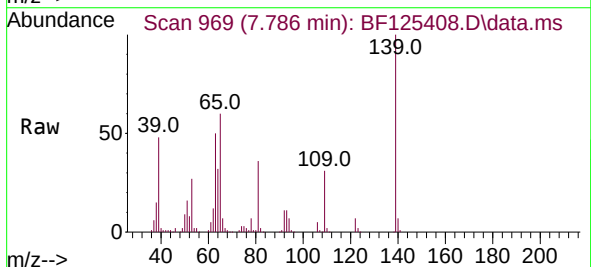
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

Tgt Ion: 82 Resp: 951289  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.5 9.7  
138 16.5 18.4 27.6#

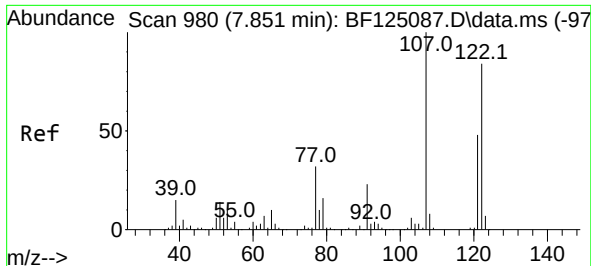


#26  
2-Nitrophenol  
Concen: 47.499 ng  
RT: 7.786 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion: 139 Resp: 252362  
Ion Ratio Lower Upper  
139 100  
109 30.7 26.0 39.0  
65 60.1 31.0 46.4#







#27

2,4-Dimethylphenol

Concen: 43.181 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.006 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

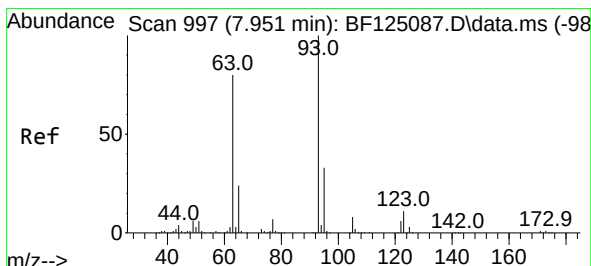
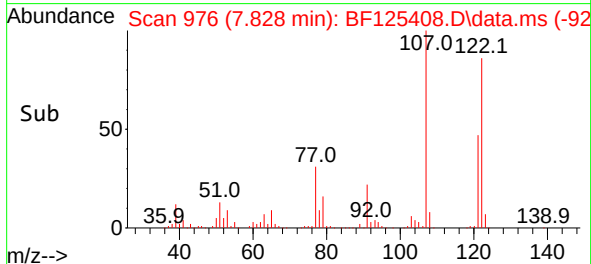
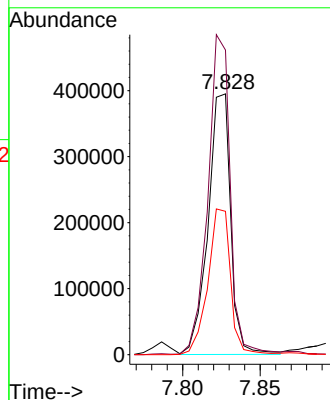
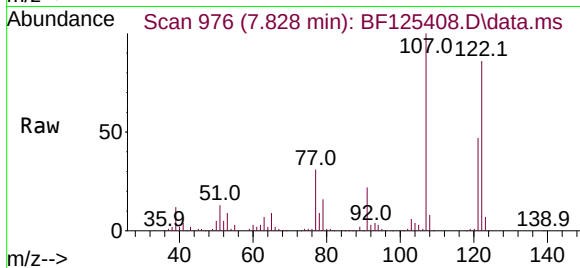
Instrument :

BNA\_F

ClientSampleId :

PB138985BS

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 401640      |
| Ion         | Ratio | Lower Upper |
| 122         | 100   |             |
| 107         | 116.8 | 85.0 127.6  |
| 121         | 54.9  | 43.3 64.9   |



#28

bis(2-Chloroethoxy)methane

Concen: 44.956 ng

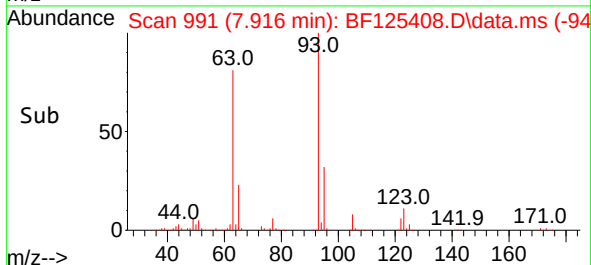
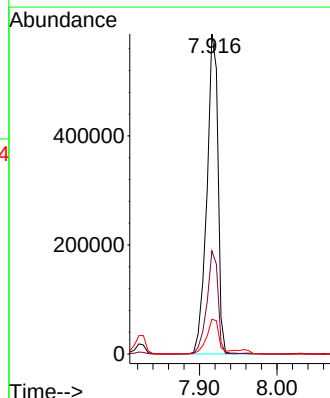
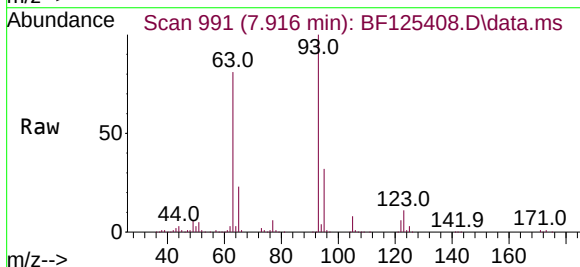
RT: 7.916 min Scan# 991

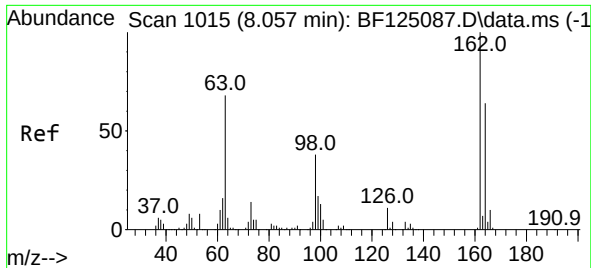
Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 93 | Resp: | 586367      |
| Ion         | Ratio | Lower Upper |
| 93          | 100   |             |
| 95          | 32.2  | 26.1 39.1   |
| 123         | 10.9  | 11.7 17.5#  |

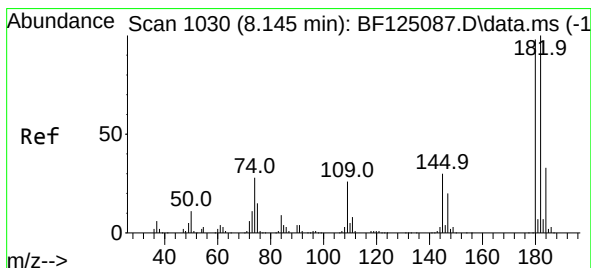
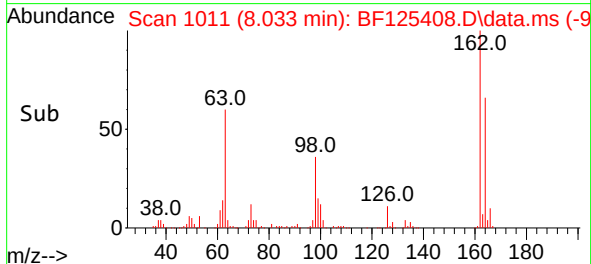
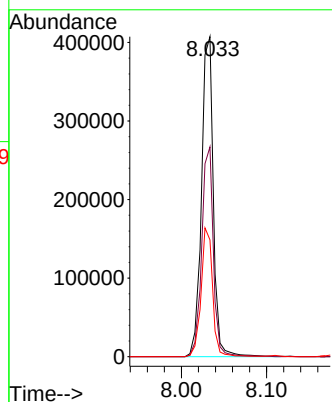
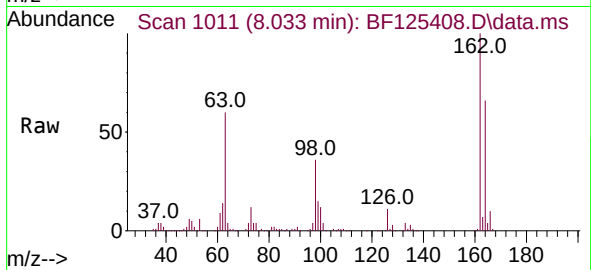




#29  
2,4-Dichlorophenol  
Concen: 41.431 ng  
RT: 8.033 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

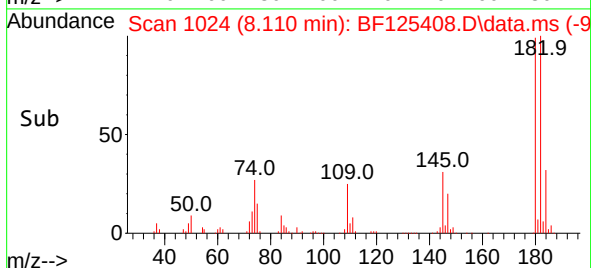
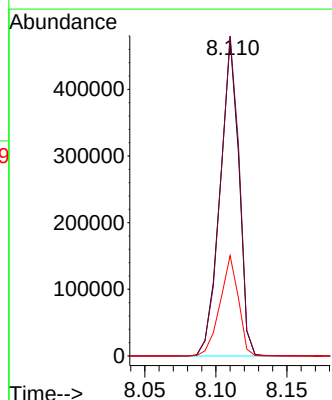
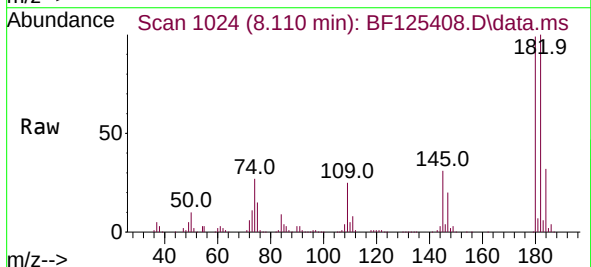
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

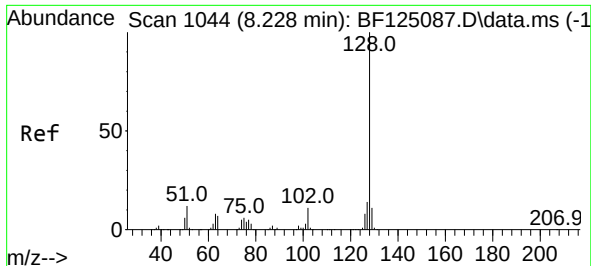
Tgt Ion:162 Resp: 393011  
Ion Ratio Lower Upper  
162 100  
164 65.5 44.5 84.5  
98 36.5 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 42.348 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:180 Resp: 438047  
Ion Ratio Lower Upper  
180 100  
182 100.8 76.8 115.2  
145 31.6 26.7 40.1

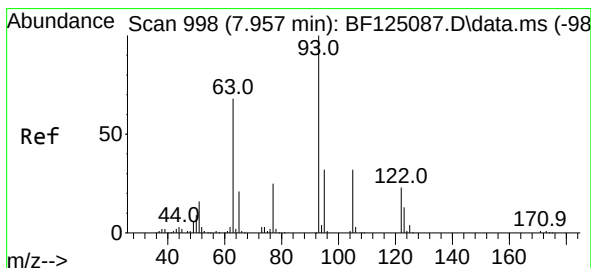
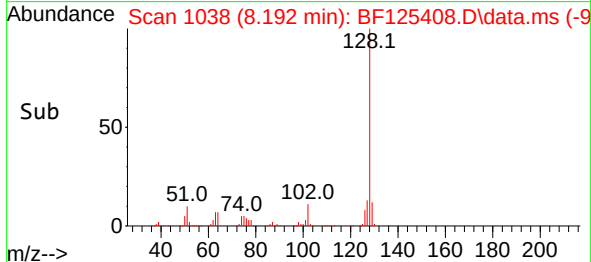
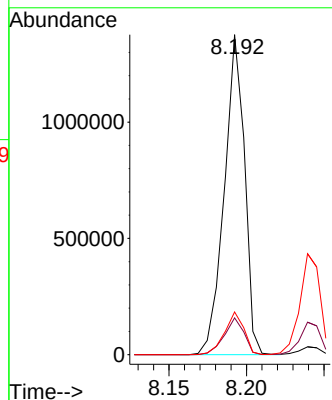
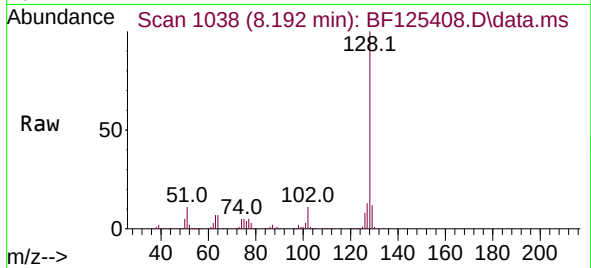




#31  
Naphthalene  
Concen: 39.722 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

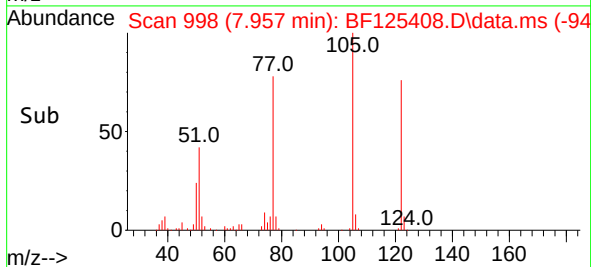
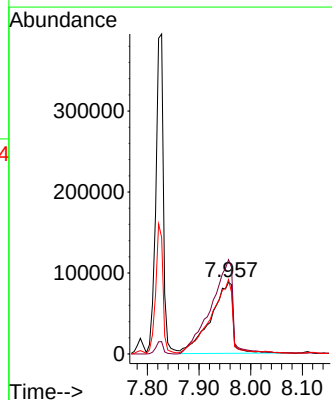
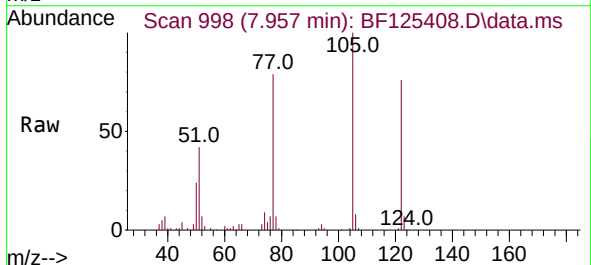
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

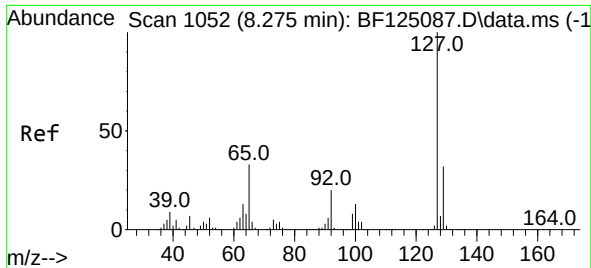
Tgt Ion:128 Resp: 1250612  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.4 14.0  
127 13.3 10.9 16.3



#32  
Benzoic acid  
Concen: 42.219 ng  
RT: 7.957 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:122 Resp: 266531  
Ion Ratio Lower Upper  
122 100  
105 131.5 97.6 137.6  
77 103.7 59.6 99.6#

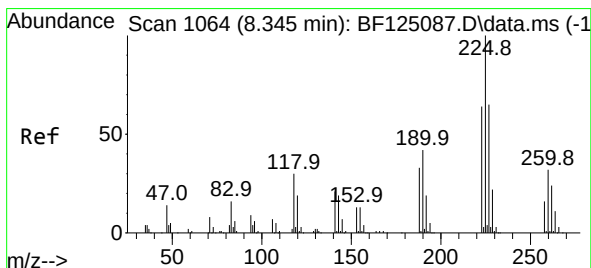
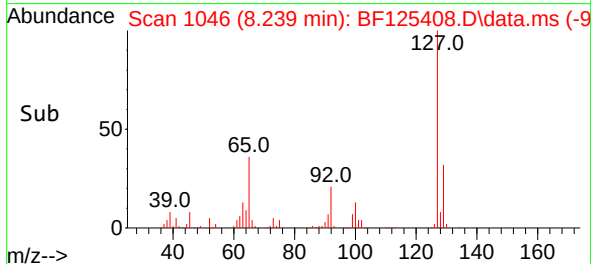
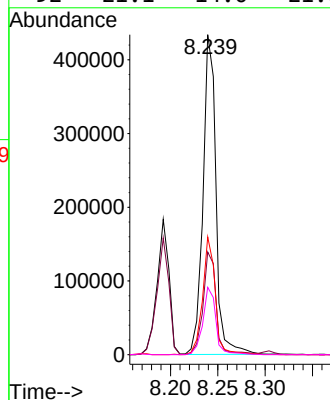
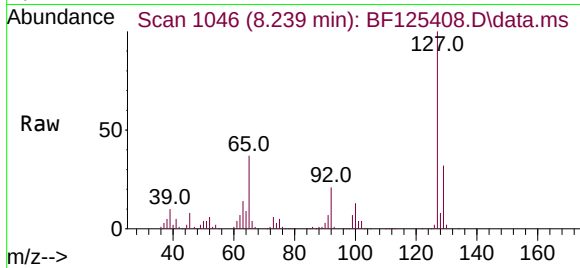




#33  
4-Chloroaniline  
Concen: 33.377 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

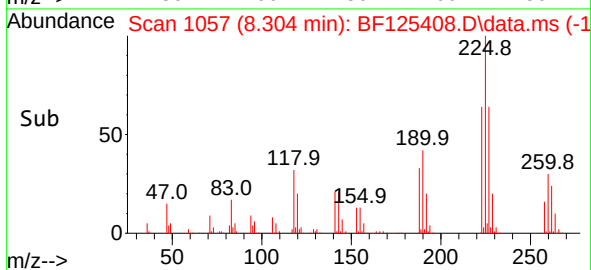
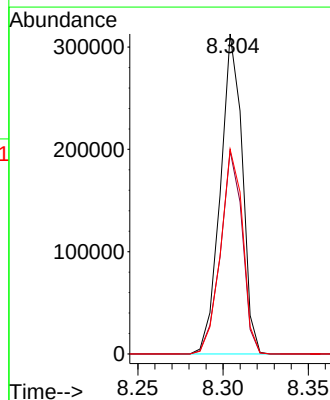
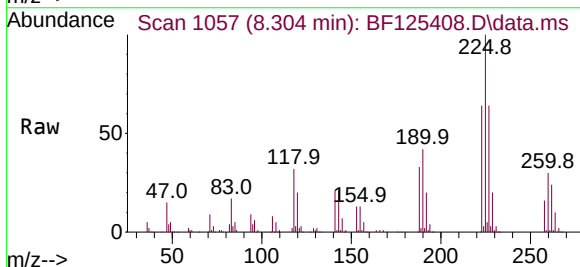
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

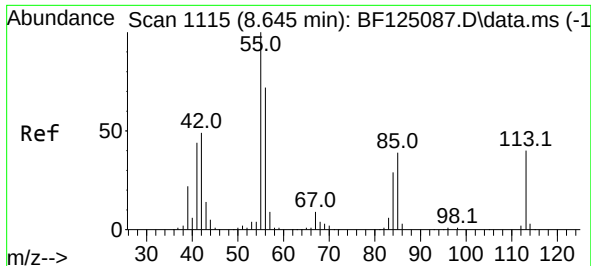
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 414273 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.7  | 38.5   |
| 65       | 36.8  | 21.2  | 31.8#  |
| 92       | 21.1  | 14.0  | 21.0#  |



#34  
Hexachlorobutadiene  
Concen: 42.282 ng  
RT: 8.304 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 278881 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.5  | 50.6  | 76.0   |
| 227      | 64.0  | 50.6  | 75.8   |

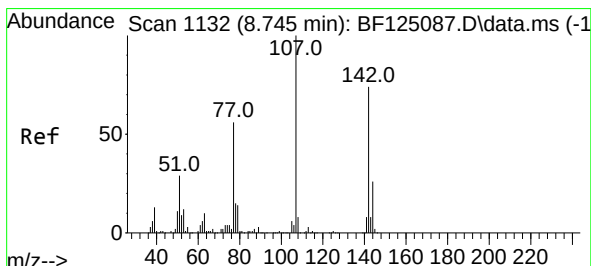
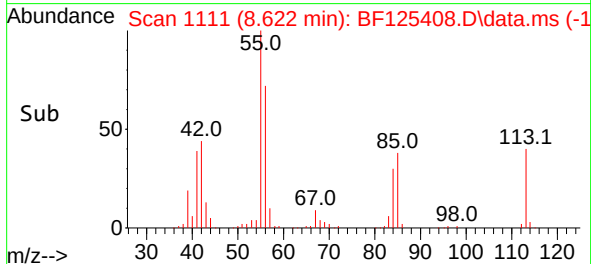
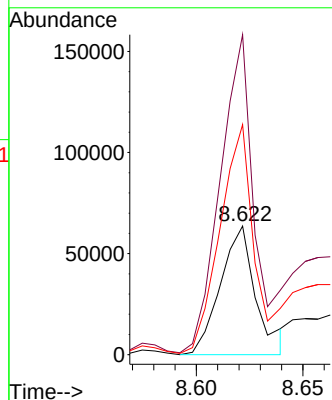
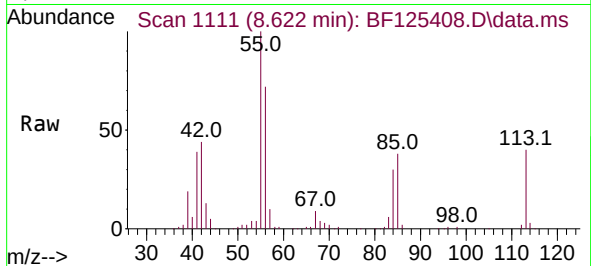




#35  
Caprolactam  
Concen: 29.953 ng  
RT: 8.622 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

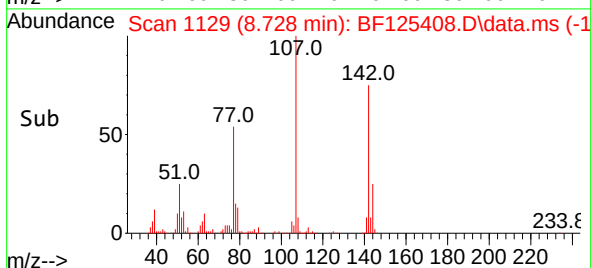
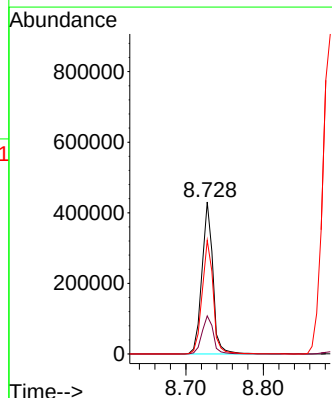
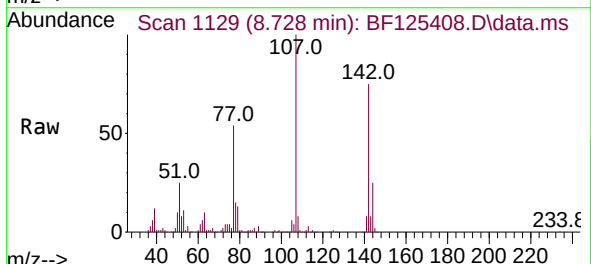
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

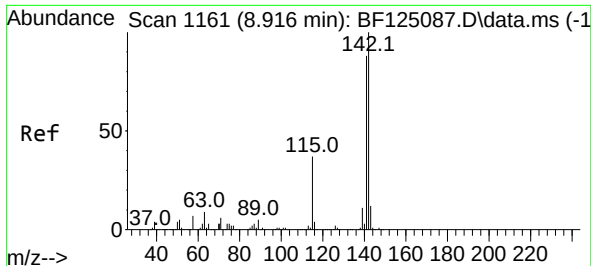
Tgt Ion:113 Resp: 73594  
Ion Ratio Lower Upper  
113 100  
55 248.6 154.1 194.1#  
56 178.8 108.7 148.7#



#36  
4-Chloro-3-methylphenol  
Concen: 43.696 ng  
RT: 8.728 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:107 Resp: 423143  
Ion Ratio Lower Upper  
107 100  
144 25.0 21.9 32.9  
142 74.8 67.1 100.7

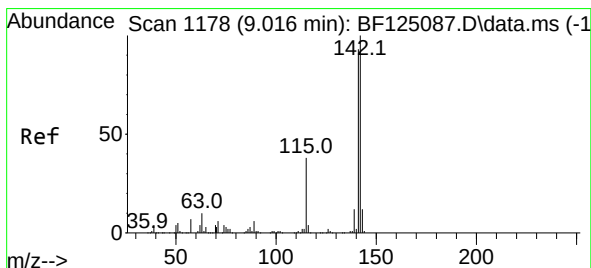
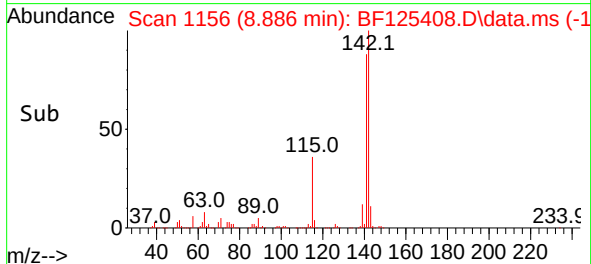
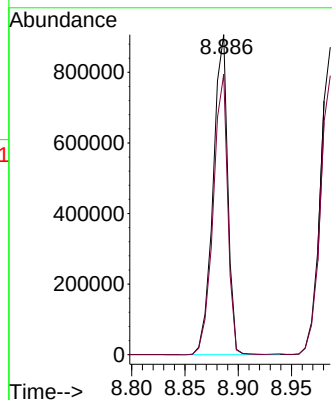
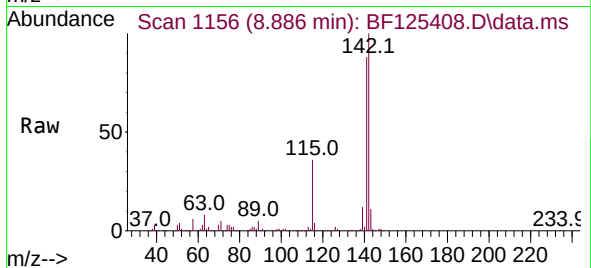




#37  
2-Methylnaphthalene  
Concen: 41.677 ng  
RT: 8.886 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

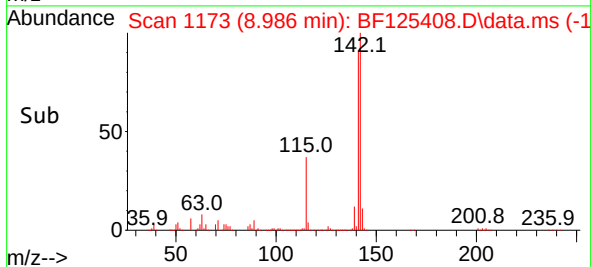
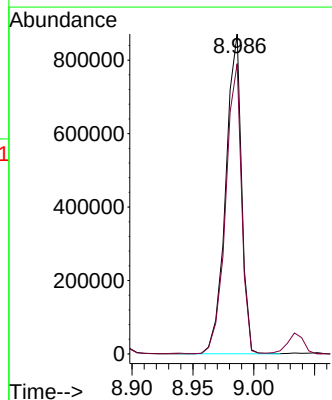
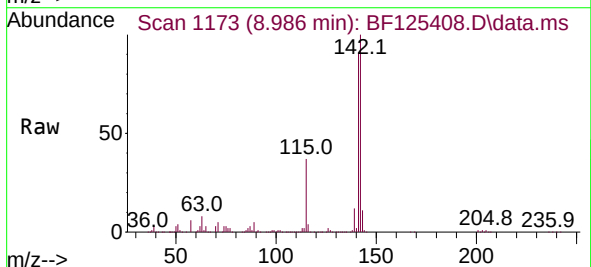
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

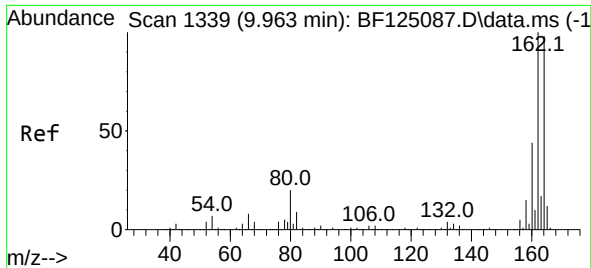
Tgt Ion:142 Resp: 867079  
Ion Ratio Lower Upper  
142 100  
141 87.7 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 40.655 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:142 Resp: 789852  
Ion Ratio Lower Upper  
142 100  
141 90.8 76.0 114.0

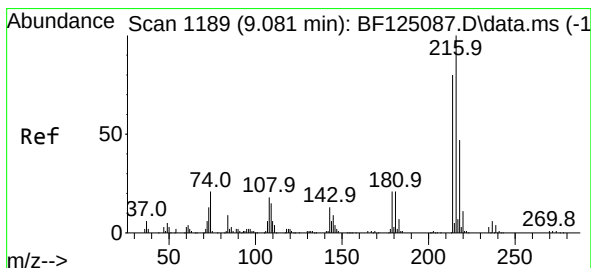
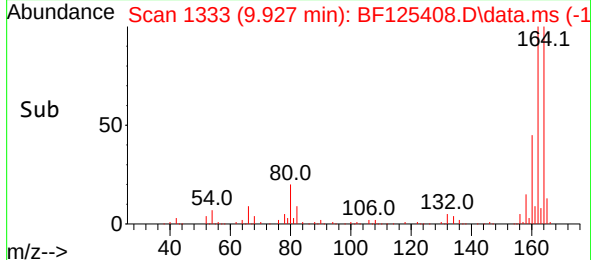
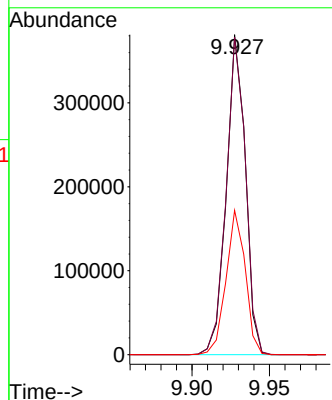
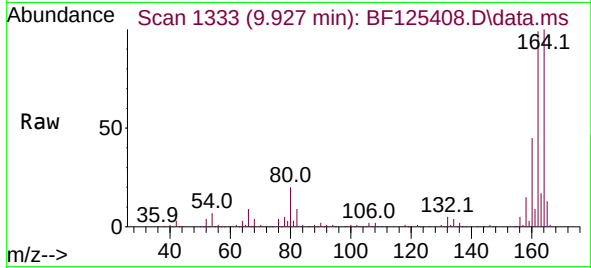




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

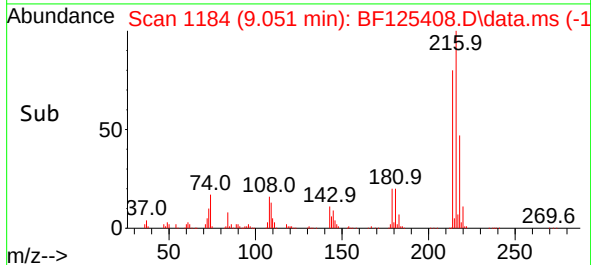
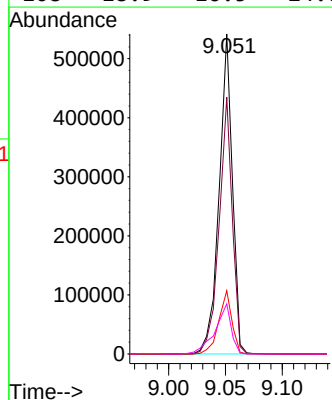
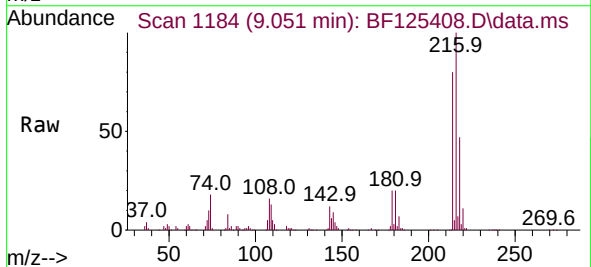
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

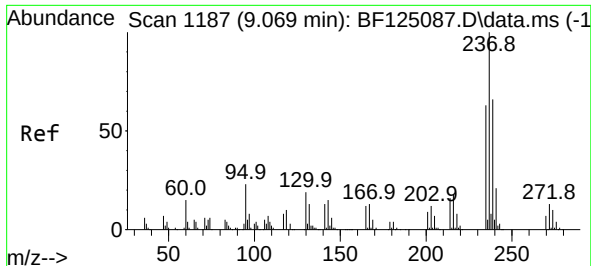
Tgt Ion:164 Resp: 325692  
Ion Ratio Lower Upper  
164 100  
162 99.2 81.3 121.9  
160 45.1 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.427 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:216 Resp: 440819  
Ion Ratio Lower Upper  
216 100  
214 79.8 64.9 97.3  
179 19.7 17.4 26.2  
108 18.9 16.5 24.7

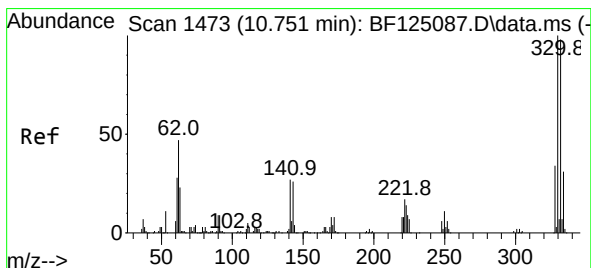
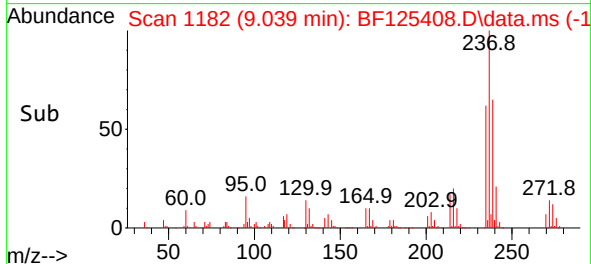
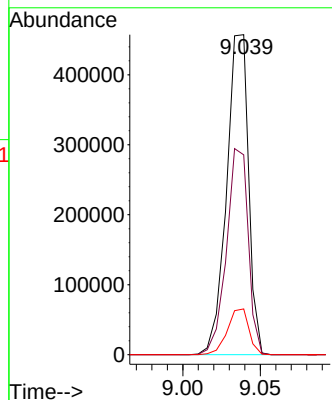
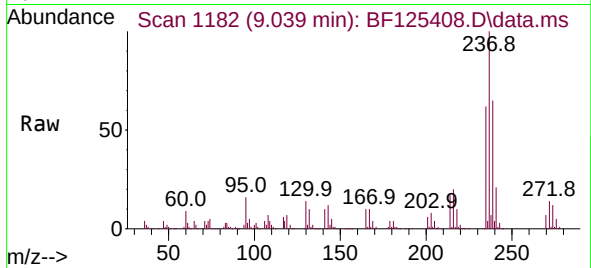




#41  
Hexachlorocyclopentadiene  
Concen: 80.879 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

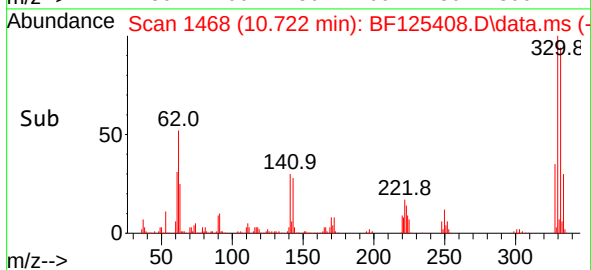
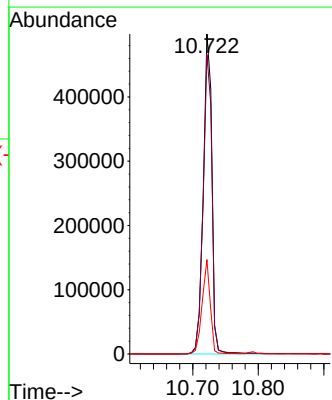
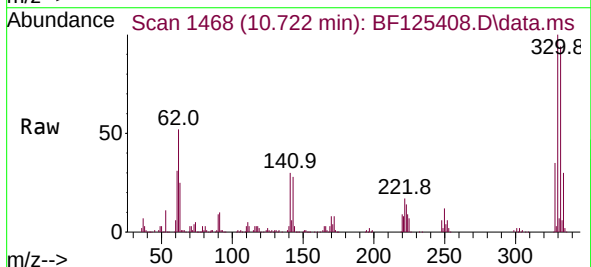
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

Tgt Ion:237 Resp: 452159  
Ion Ratio Lower Upper  
237 100  
235 62.4 44.7 84.7  
272 14.3 0.0 31.6

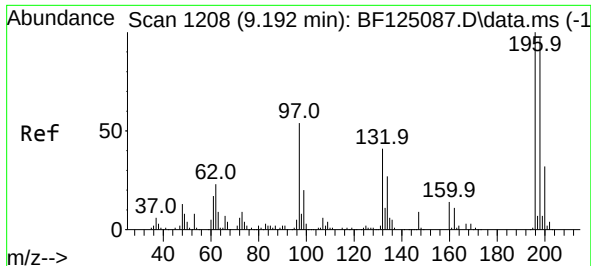


#42  
2,4,6-Tribromophenol  
Concen: 140.649 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:330 Resp: 457267  
Ion Ratio Lower Upper  
330 100  
332 95.0 76.2 114.4  
141 27.8 44.6 66.8#



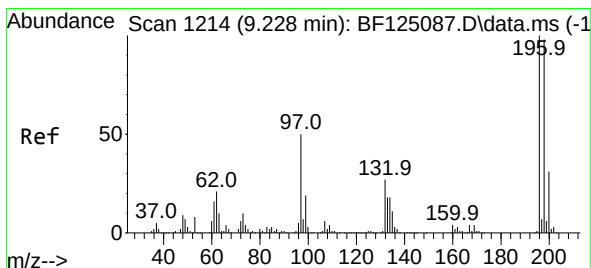
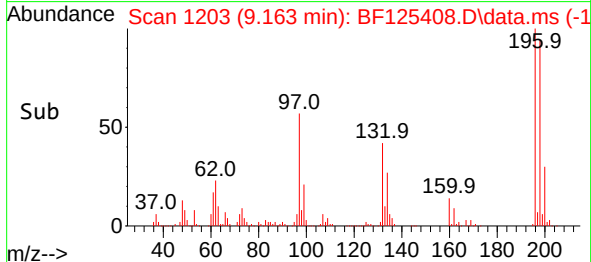
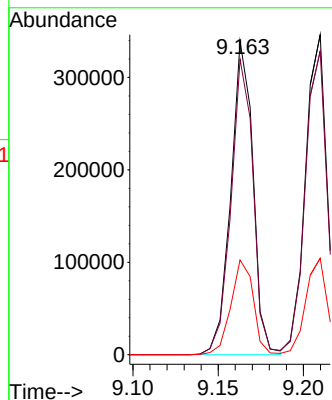
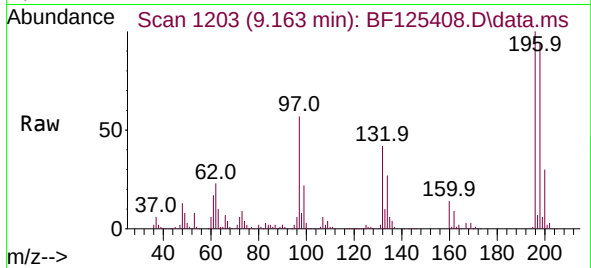




#43  
2,4,6-Trichlorophenol  
Concen: 40.904 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

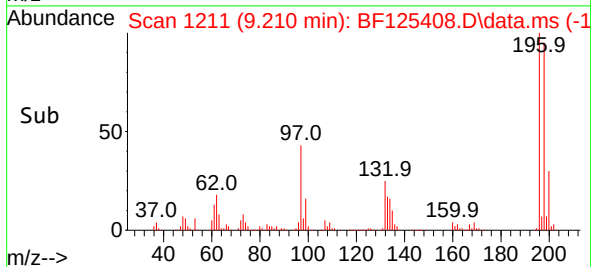
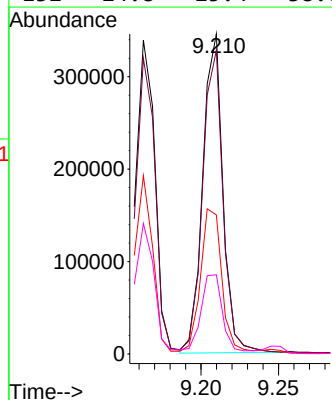
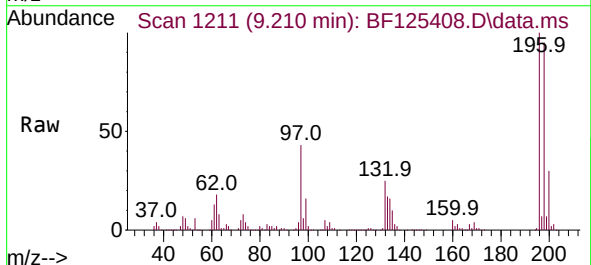
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

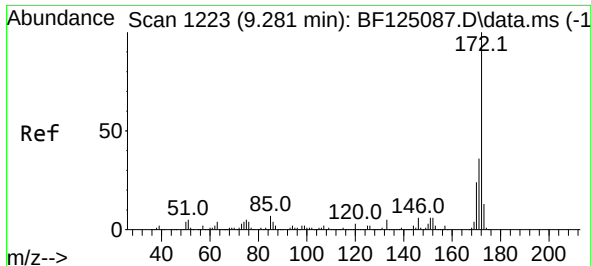
Tgt Ion:196 Resp: 306470  
Ion Ratio Lower Upper  
196 100  
198 94.2 74.9 112.3  
200 30.2 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 39.733 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:196 Resp: 313199  
Ion Ratio Lower Upper  
196 100  
198 94.9 80.2 120.2  
97 43.4 44.0 66.0#  
132 24.8 25.4 38.0#





#45

2-Fluorobiphenyl

Concen: 73.357 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

Instrument :

BNA\_F

ClientSampleId :

PB138985BS

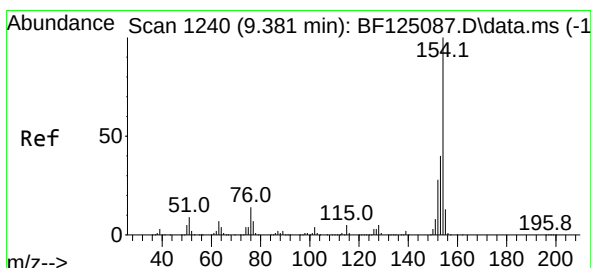
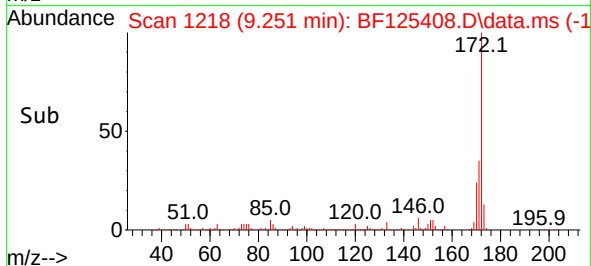
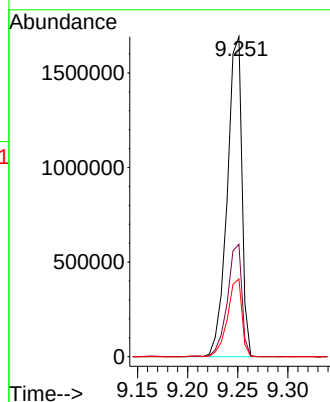
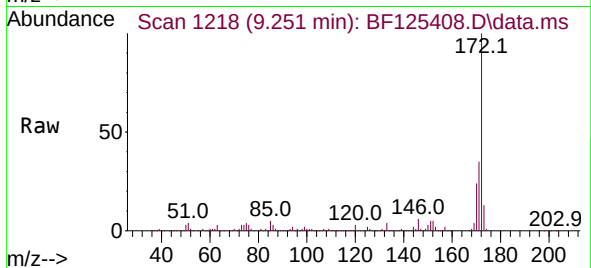
Tgt Ion:172 Resp: 1714228

Ion Ratio Lower Upper

172 100

171 35.1 26.5 39.7

170 24.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 37.635 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

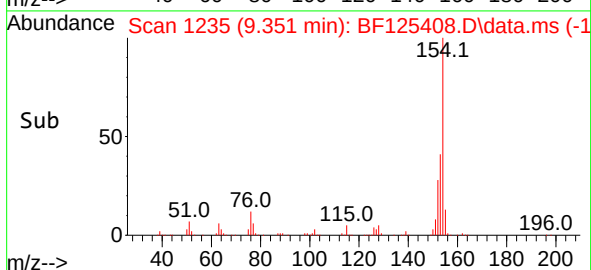
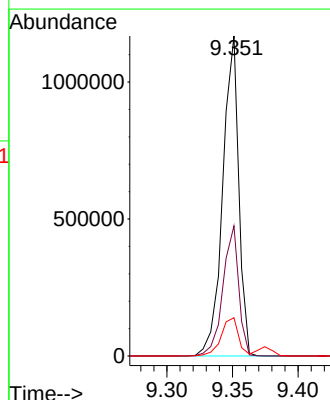
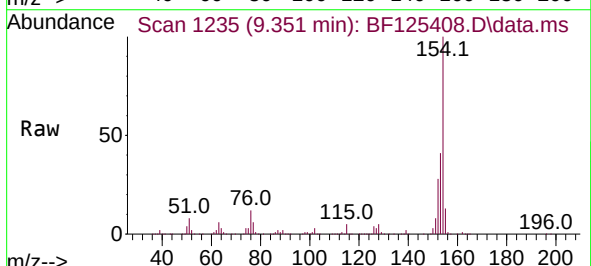
Tgt Ion:154 Resp: 988211

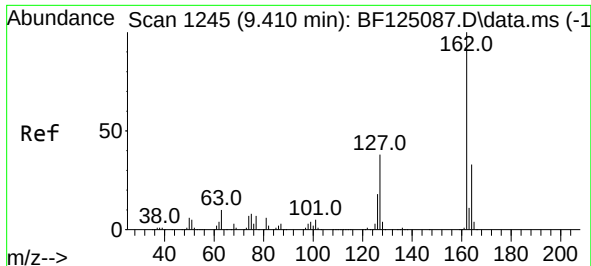
Ion Ratio Lower Upper

154 100

153 40.7 20.0 60.0

76 12.0 0.0 30.3

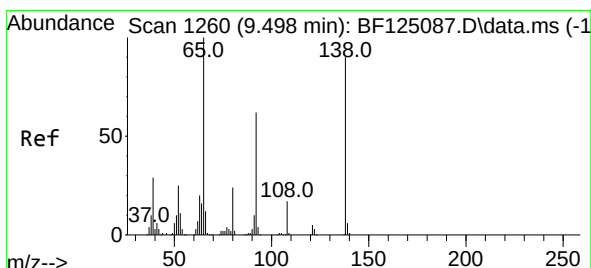
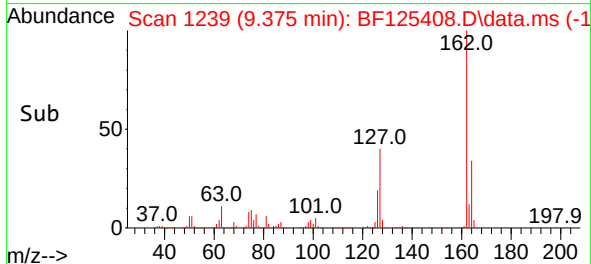
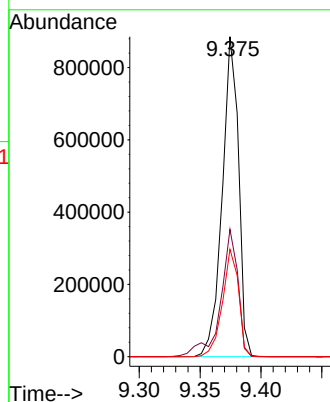
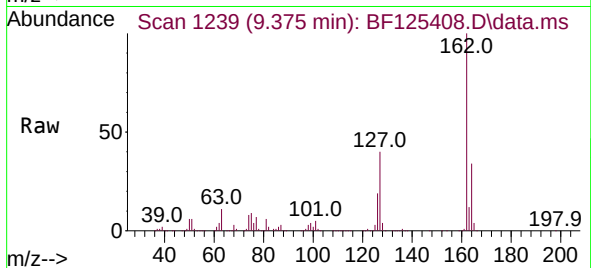




#47  
2-Chloronaphthalene  
Concen: 38.704 ng  
RT: 9.375 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

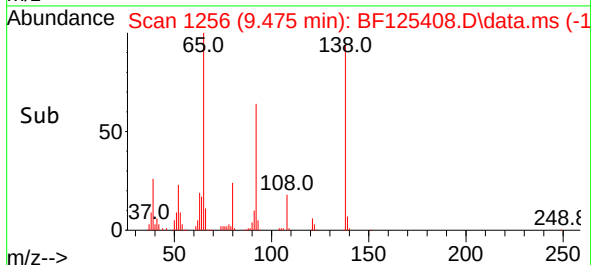
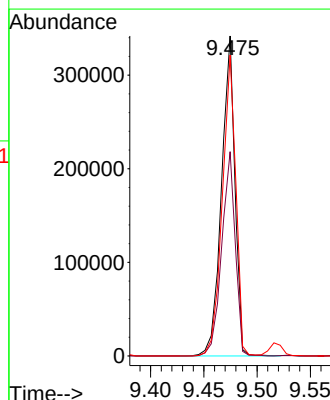
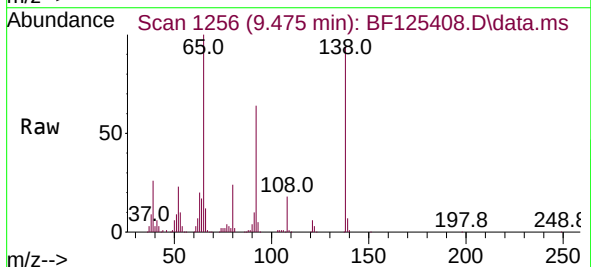
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

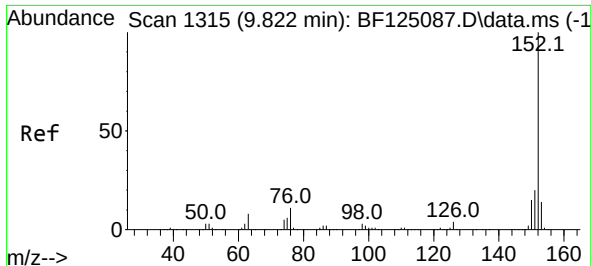
Tgt Ion:162 Resp: 825861  
Ion Ratio Lower Upper  
162 100  
127 39.8 33.0 49.4  
164 33.6 25.8 38.8



#48  
2-Nitroaniline  
Concen: 45.126 ng  
RT: 9.475 min Scan# 1256  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion: 65 Resp: 298480  
Ion Ratio Lower Upper  
65 100  
92 63.8 55.5 83.3  
138 94.1 93.5 140.3





#49

Acenaphthylene

Concen: 39.437 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

Instrument :

BNA\_F

ClientSampleId :

PB138985BS

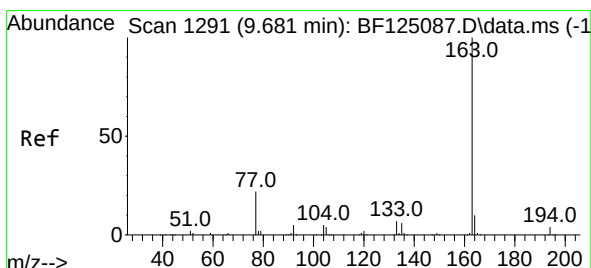
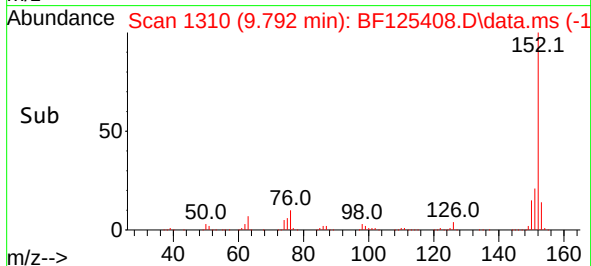
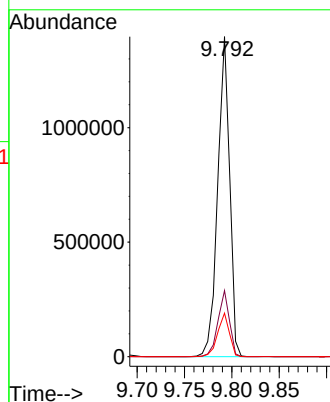
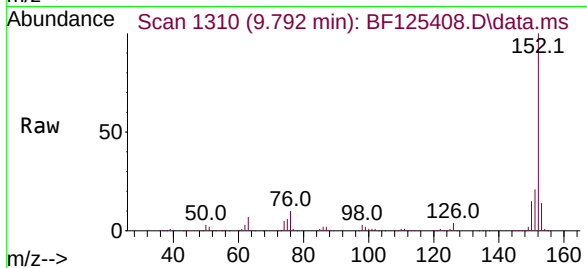
Tgt Ion:152 Resp: 1226238

Ion Ratio Lower Upper

152 100

151 20.6 15.7 23.5

153 13.6 9.8 14.8



#50

Dimethylphthalate

Concen: 42.679 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

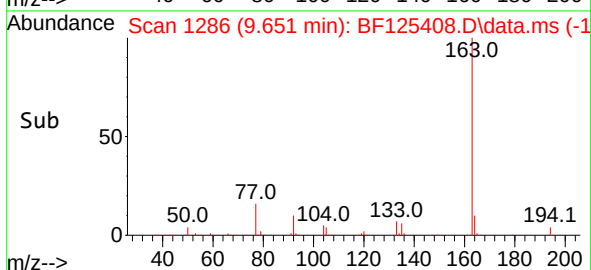
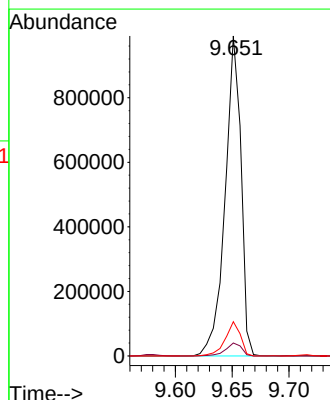
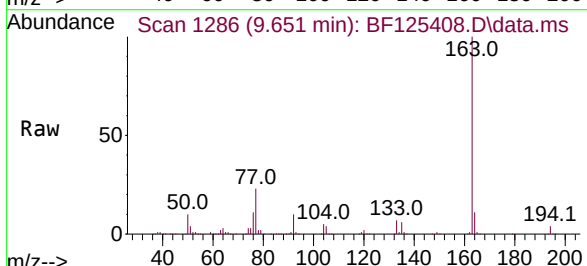
Tgt Ion:163 Resp: 963273

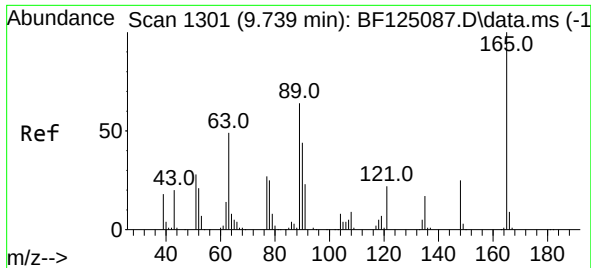
Ion Ratio Lower Upper

163 100

194 4.0 2.6 3.8#

164 10.7 7.4 11.0

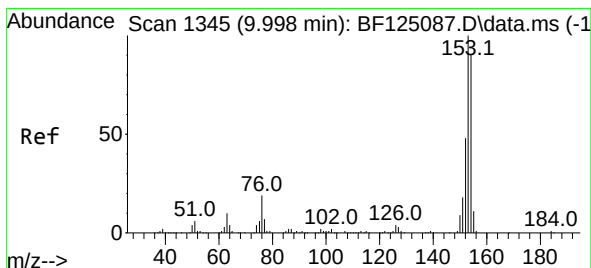
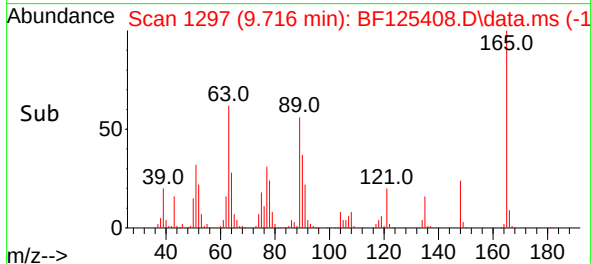
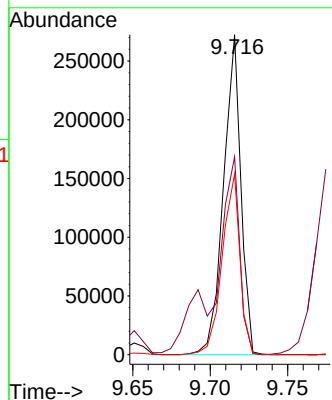
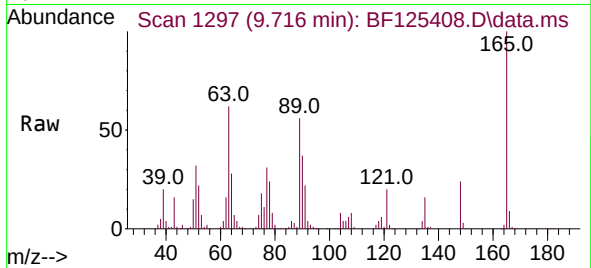




#51  
2,6-Dinitrotoluene  
Concen: 43.426 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

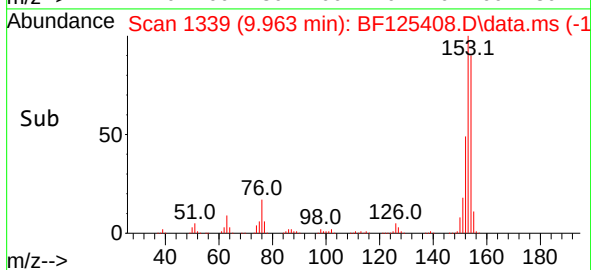
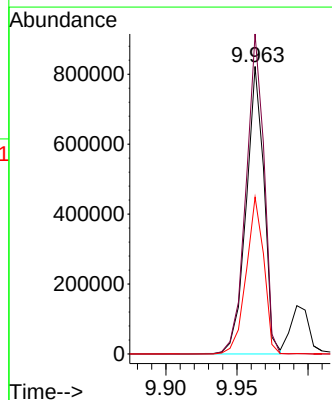
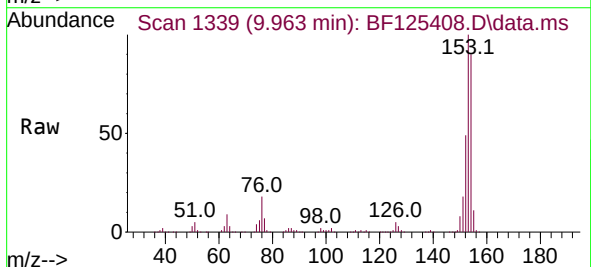
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

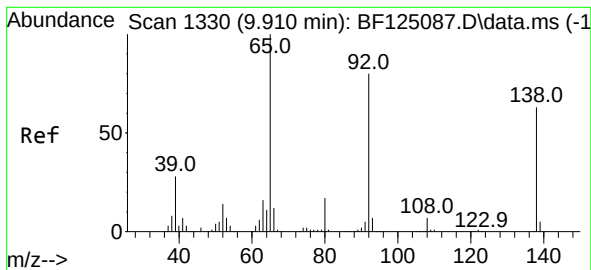
Tgt Ion:165 Resp: 212528  
Ion Ratio Lower Upper  
165 100  
63 61.9 42.6 63.8  
89 56.4 40.6 60.8



#52  
Acenaphthene  
Concen: 37.295 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:154 Resp: 718874  
Ion Ratio Lower Upper  
154 100  
153 111.3 89.4 134.2  
152 54.5 40.5 60.7

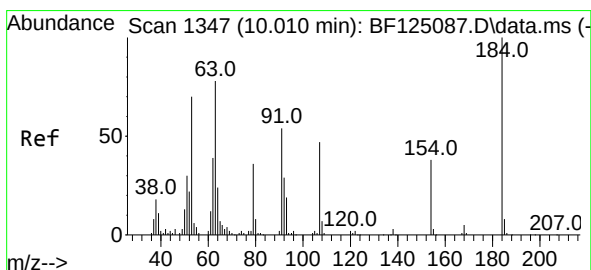
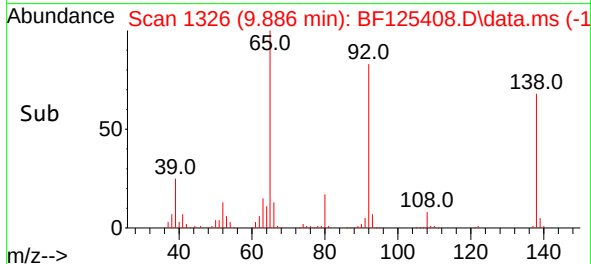
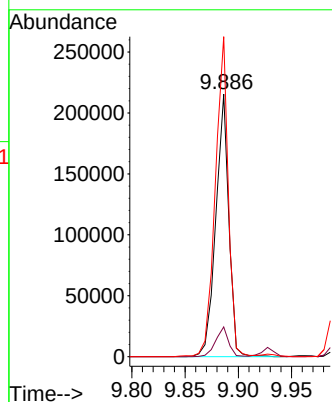
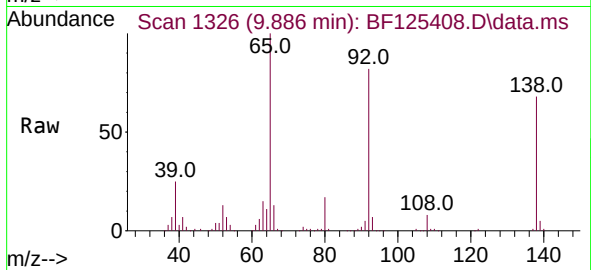




#53  
3-Nitroaniline  
Concen: 34.581 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

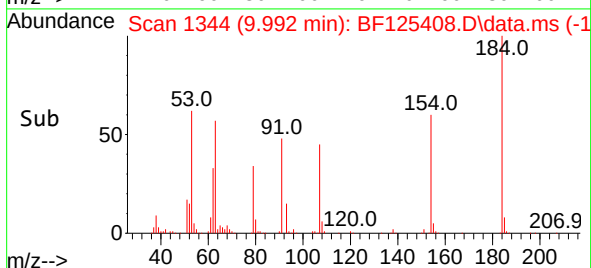
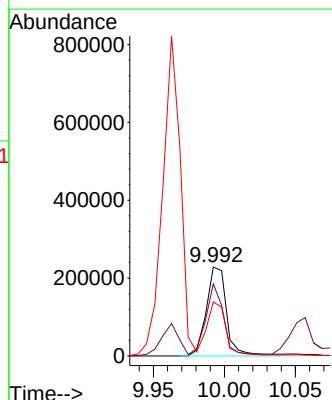
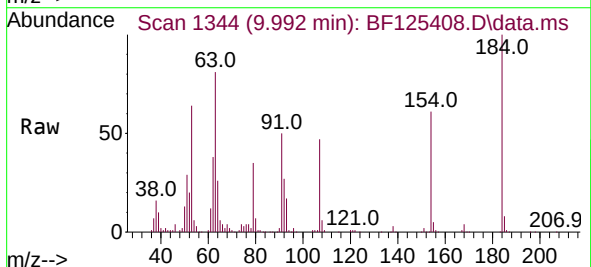
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

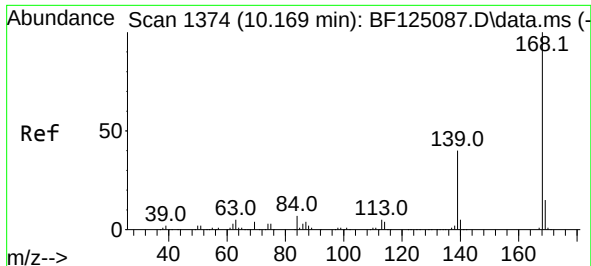
Tgt Ion:138 Resp: 182511  
Ion Ratio Lower Upper  
138 100  
108 11.3 9.3 13.9  
92 121.9 76.5 114.7#



#54  
2,4-Dinitrophenol  
Concen: 118.128 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:184 Resp: 228359  
Ion Ratio Lower Upper  
184 100  
63 81.2 59.3 88.9  
154 60.5 68.6 102.8#

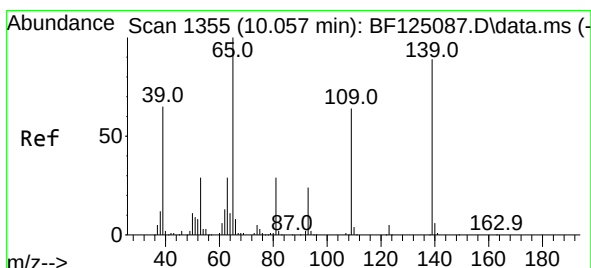
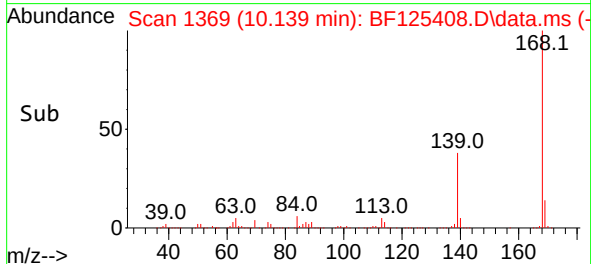
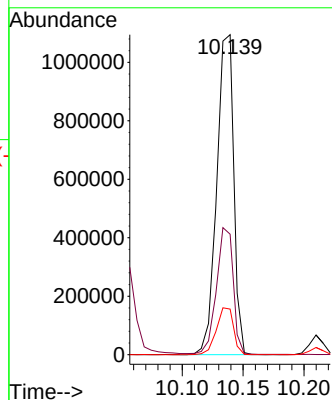
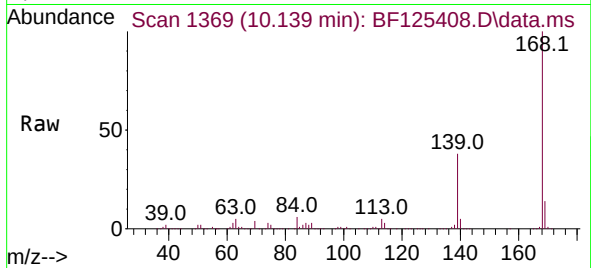




#55  
Dibenzofuran  
Concen: 38.409 ng  
RT: 10.139 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

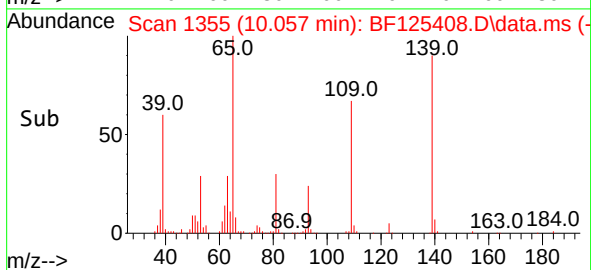
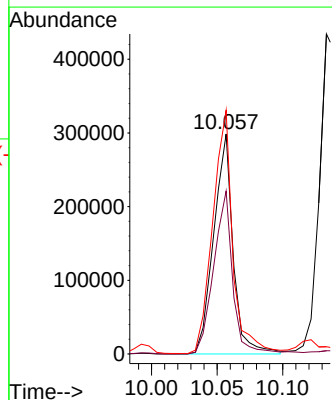
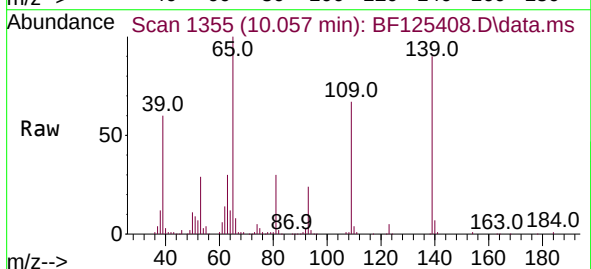
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

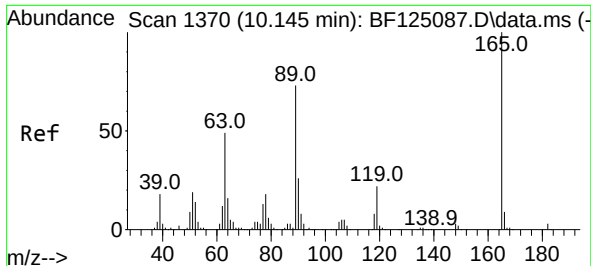
Tgt Ion:168 Resp: 1065474  
Ion Ratio Lower Upper  
168 100  
139 37.7 32.7 49.1  
169 14.2 11.2 16.8



#56  
4-Nitrophenol  
Concen: 73.602 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:139 Resp: 307616  
Ion Ratio Lower Upper  
139 100  
109 74.0 60.4 100.4  
65 110.8 58.4 98.4#

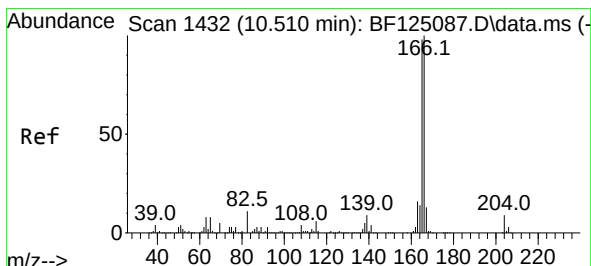
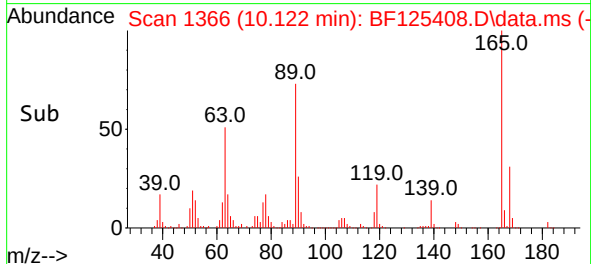
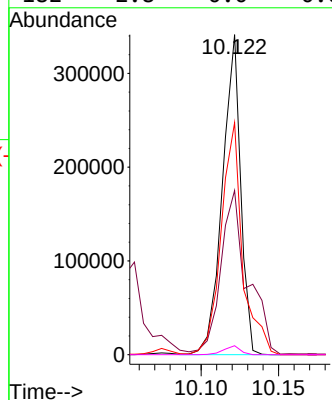
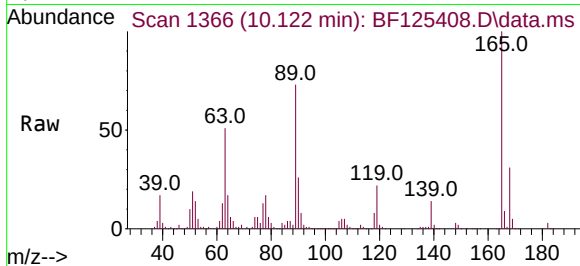




#57  
2,4-Dinitrotoluene  
Concen: 47.066 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

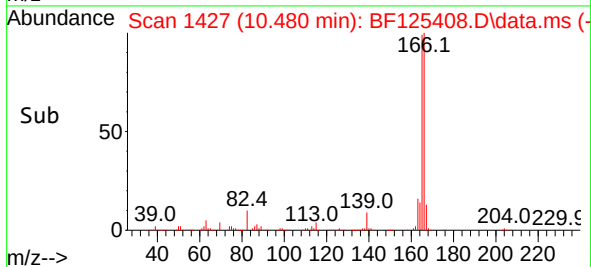
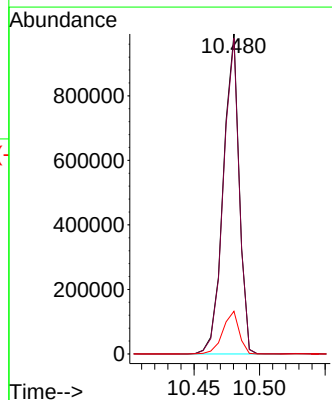
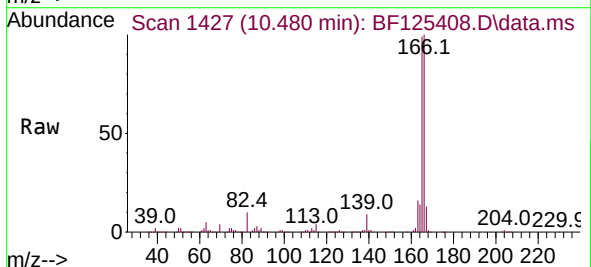
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

Tgt Ion:165 Resp: 278779  
Ion Ratio Lower Upper  
165 100  
63 51.3 40.9 61.3  
89 72.5 59.7 89.5  
182 2.8 0.0 0.0#

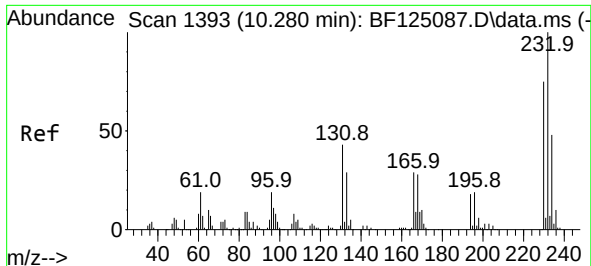


#58  
Fluorene  
Concen: 40.656 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:166 Resp: 833803  
Ion Ratio Lower Upper  
166 100  
165 98.7 78.1 117.1  
167 13.4 11.1 16.7



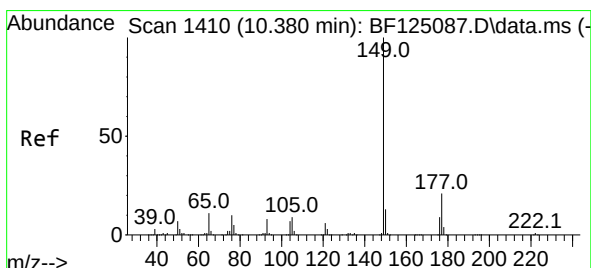
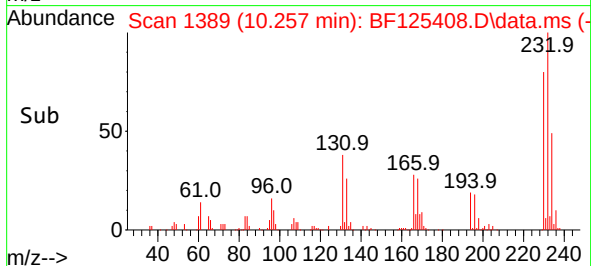
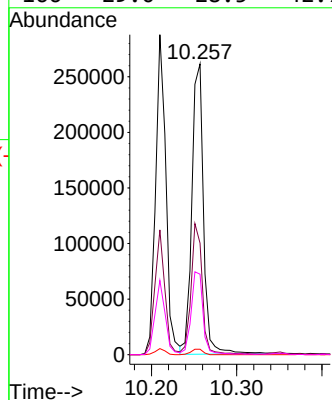
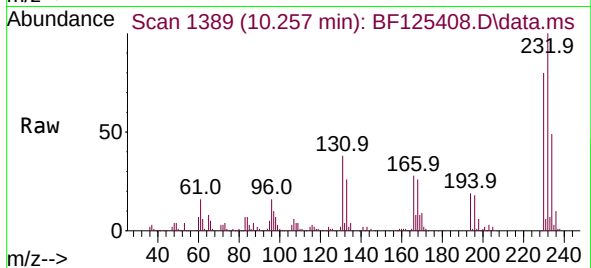




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.286 ng  
RT: 10.257 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

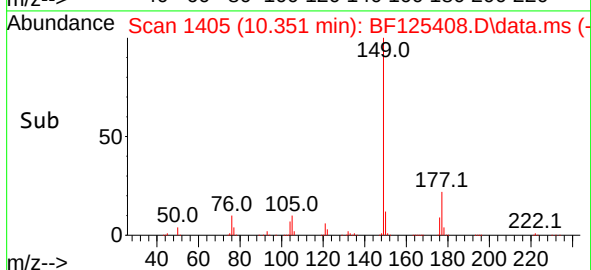
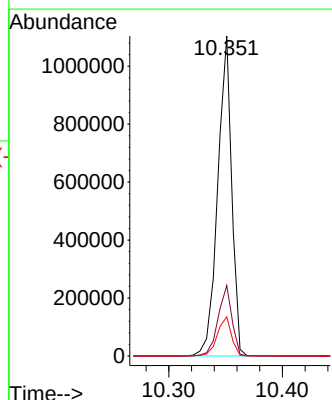
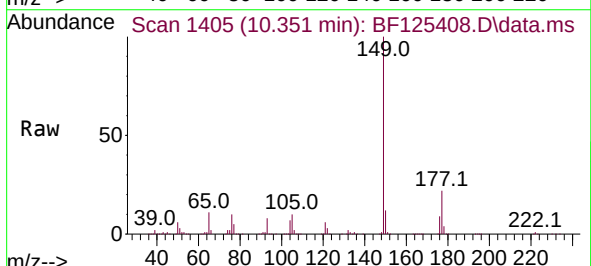
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

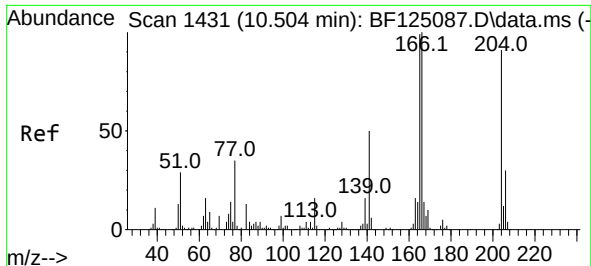
Tgt Ion:232 Resp: 247361  
Ion Ratio Lower Upper  
232 100  
131 43.0 45.4 68.0#  
130 2.0 0.0 0.0#  
166 29.0 28.5 42.7



#60  
Diethylphthalate  
Concen: 42.824 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:149 Resp: 942266  
Ion Ratio Lower Upper  
149 100  
177 22.0 16.5 24.7  
150 12.3 10.1 15.1

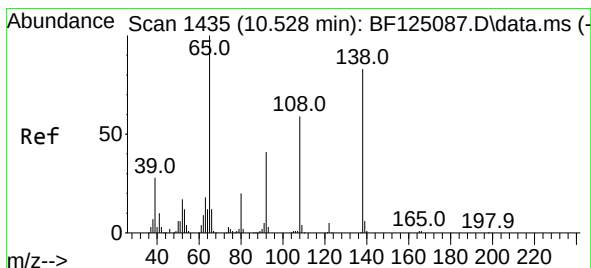
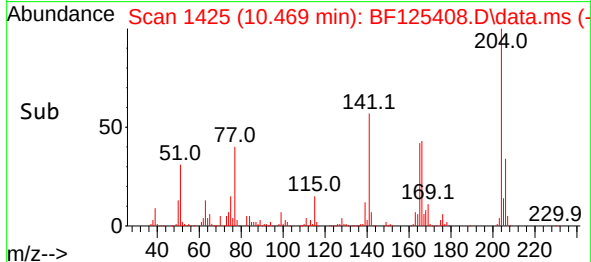
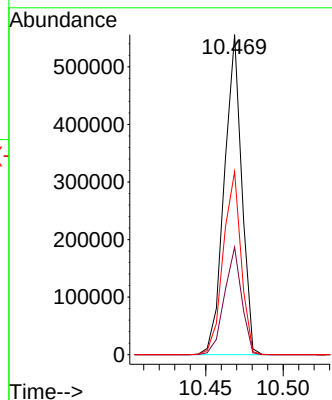
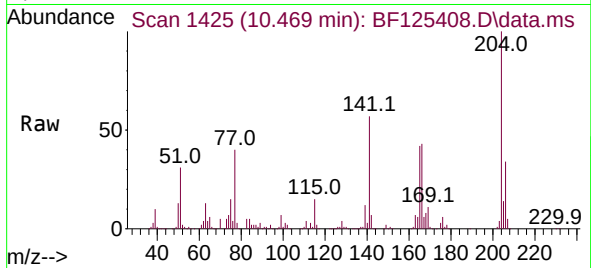




#61  
4-Chlorophenyl-phenylether  
Concen: 41.887 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

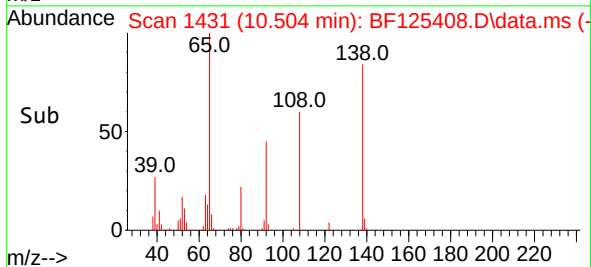
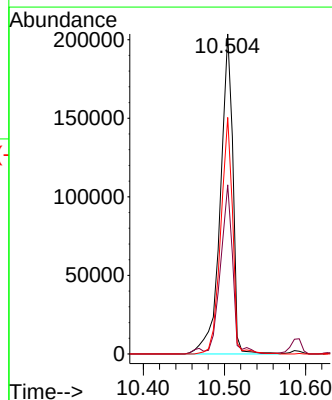
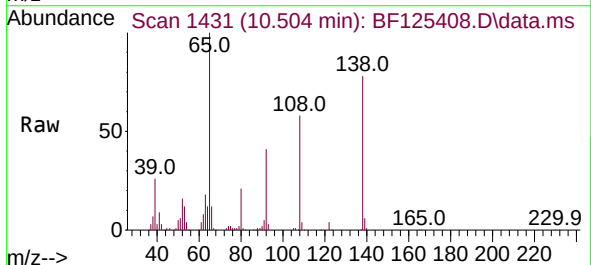
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

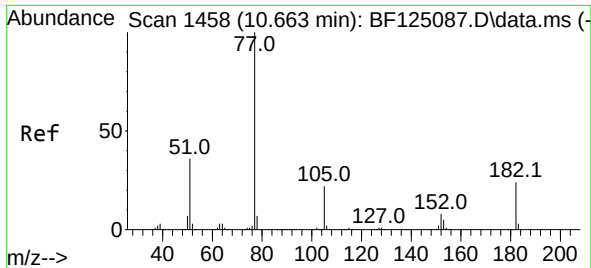
Tgt Ion:204 Resp: 434350  
Ion Ratio Lower Upper  
204 100  
206 33.6 27.6 41.4  
141 57.2 58.6 88.0#



#62  
4-Nitroaniline  
Concen: 46.153 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:138 Resp: 219039  
Ion Ratio Lower Upper  
138 100  
92 52.9 29.6 69.6  
108 73.9 78.1 118.1#

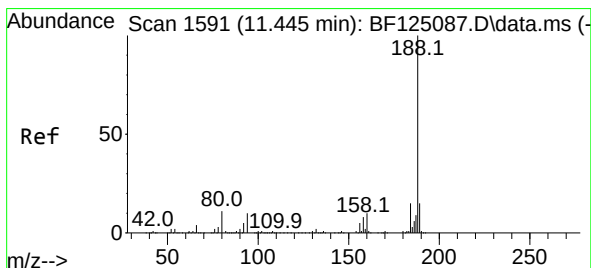
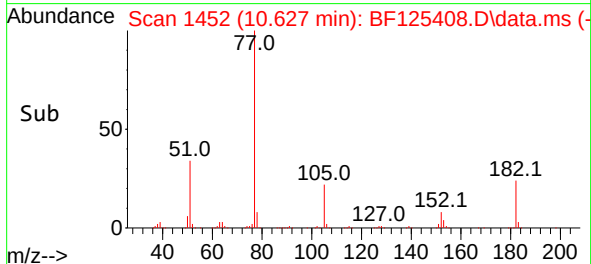
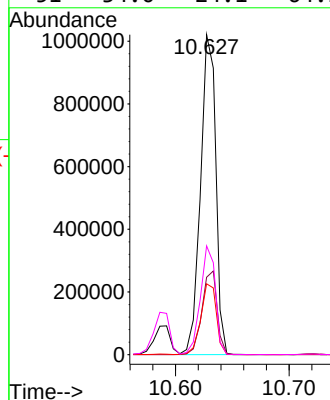
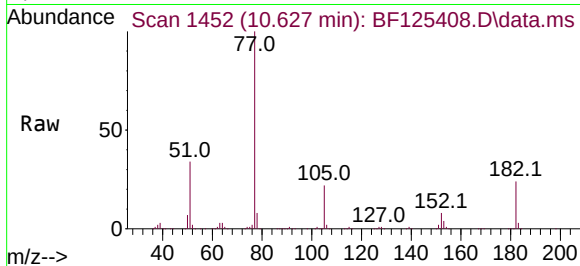




#63  
Azobenzene  
Concen: 38.674 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

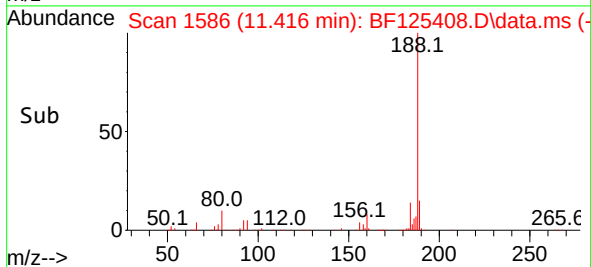
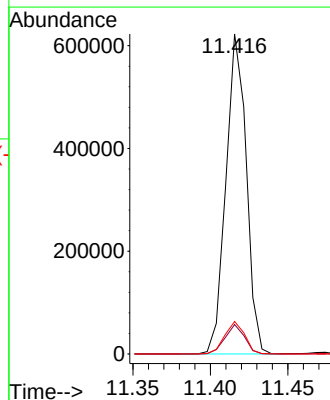
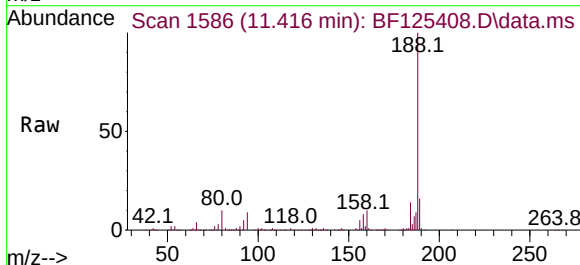
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

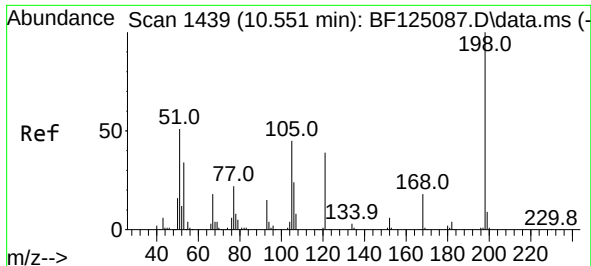
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 954494 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 24.2  | 6.3   | 46.3   |
| 105      | 22.2  | 2.9   | 42.9   |
| 51       | 34.0  | 24.1  | 64.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 569477 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.2   | 6.7   | 10.1   |
| 80       | 10.1  | 7.5   | 11.3   |

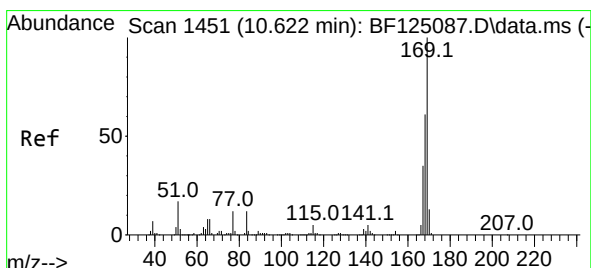
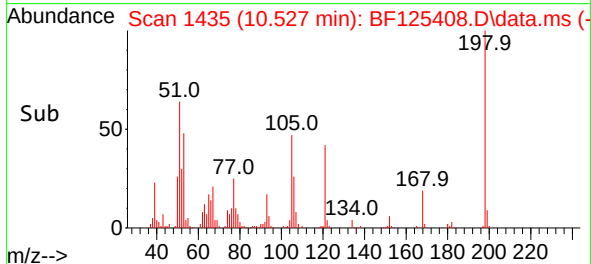
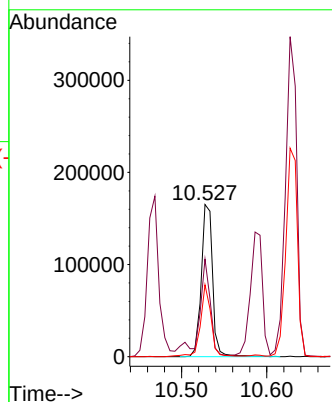
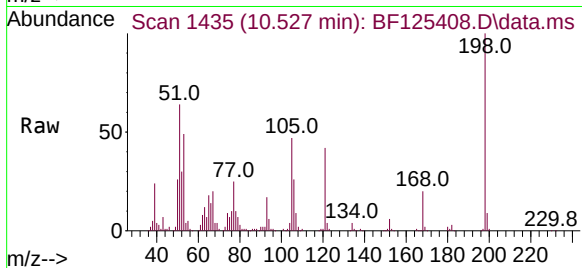




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.468 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

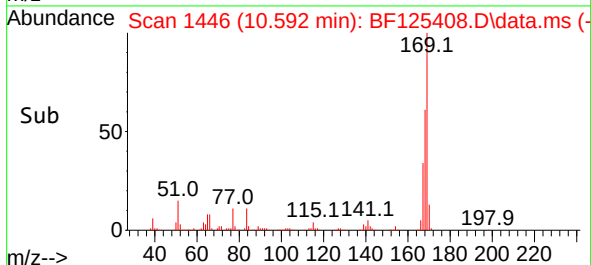
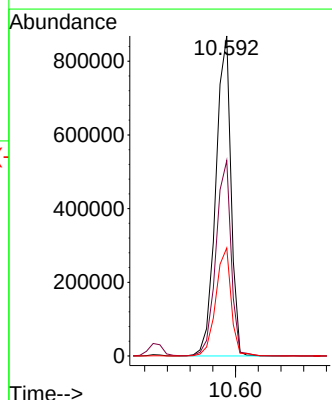
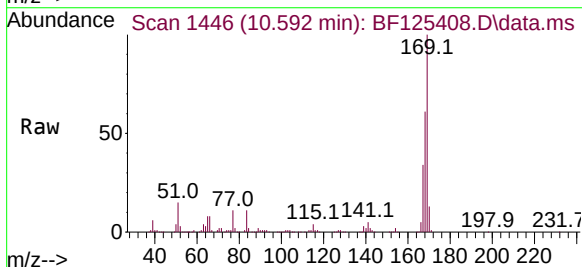
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

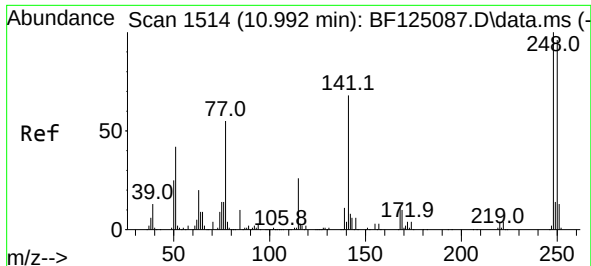
Tgt Ion:198 Resp: 152113  
Ion Ratio Lower Upper  
198 100  
51 64.1 45.3 85.3  
105 47.2 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 39.483 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:169 Resp: 805091  
Ion Ratio Lower Upper  
169 100  
168 61.0 50.8 76.2  
167 33.8 28.8 43.2

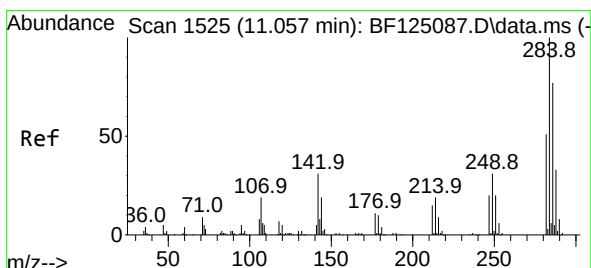
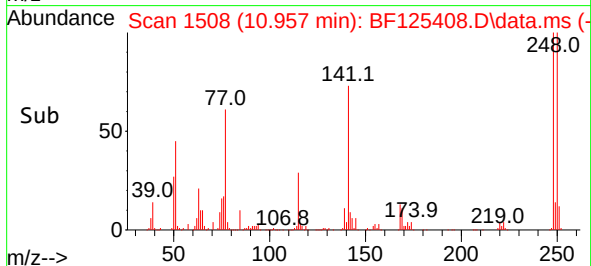
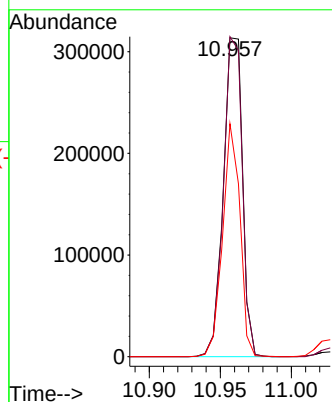
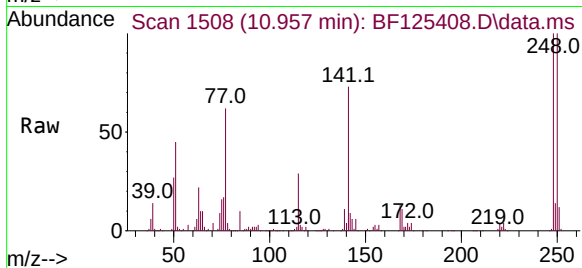




#67  
4-Bromophenyl-phenylether  
Concen: 43.094 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

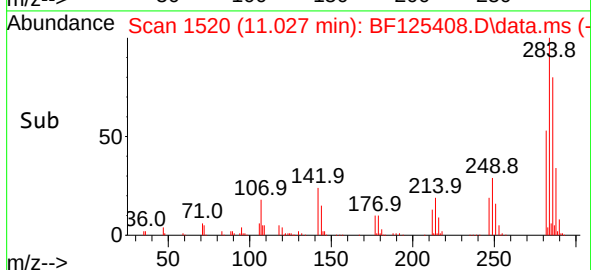
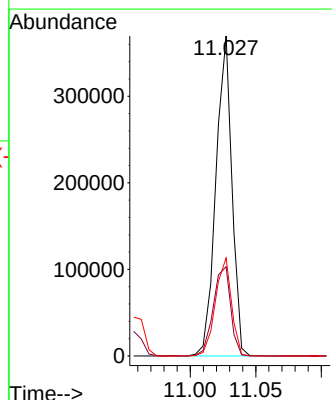
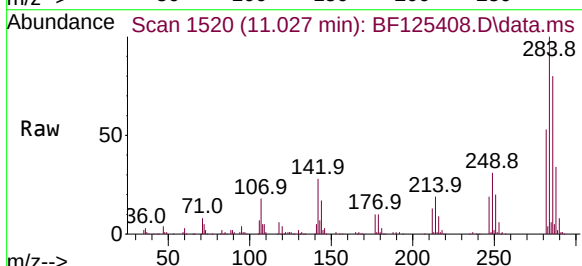
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

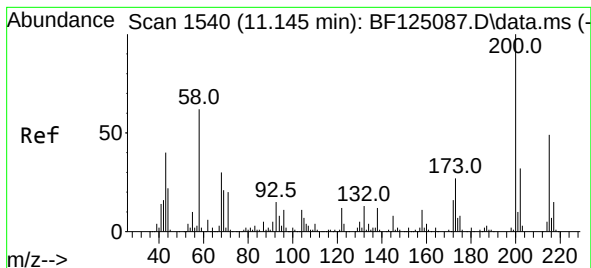
Tgt Ion:248 Resp: 294696  
Ion Ratio Lower Upper  
248 100  
250 100.3 74.2 111.4  
141 73.0 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 44.528 ng  
RT: 11.027 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:284 Resp: 313247  
Ion Ratio Lower Upper  
284 100  
142 27.9 36.4 54.6#  
249 30.6 25.6 38.4





#69

Atrazine

Concen: 47.183 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

Instrument :

BNA\_F

ClientSampleId :

PB138985BS

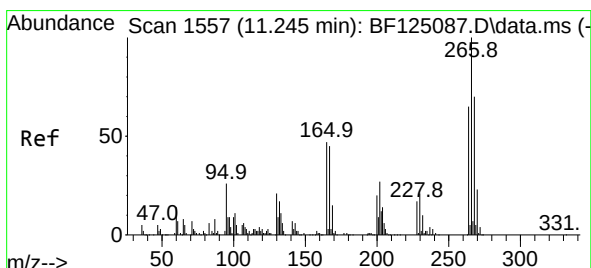
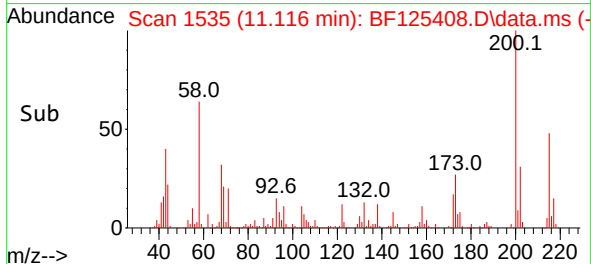
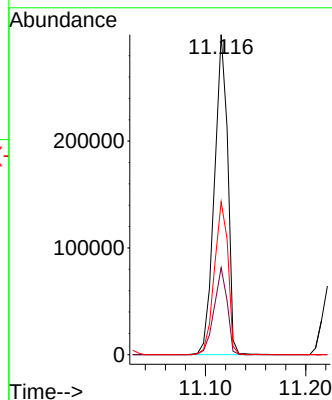
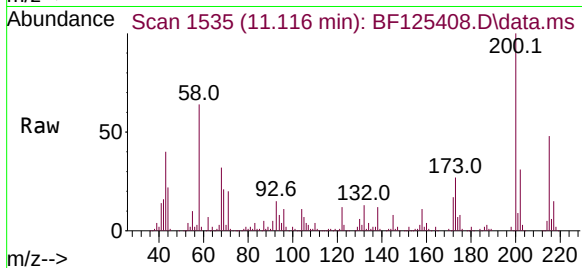
Tgt Ion:200 Resp: 276082

Ion Ratio Lower Upper

200 100

173 27.2 11.1 51.1

215 47.8 22.7 62.7



#70

Pentachlorophenol

Concen: 77.700 ng

RT: 11.222 min Scan# 1553

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

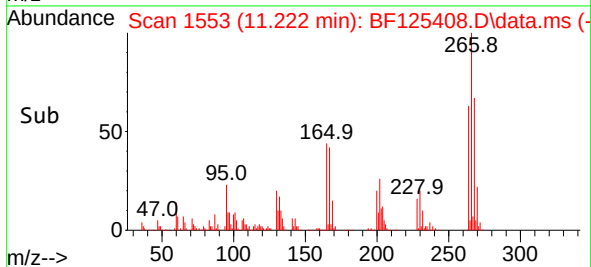
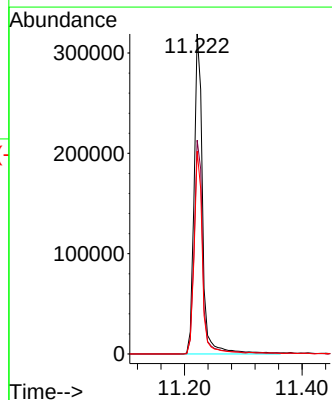
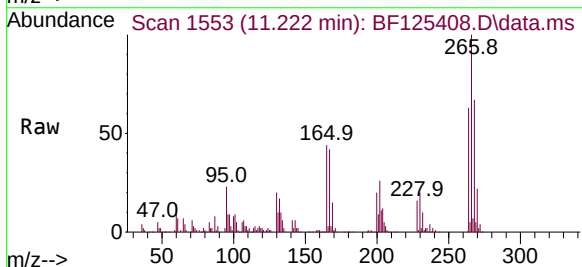
Tgt Ion:266 Resp: 319164

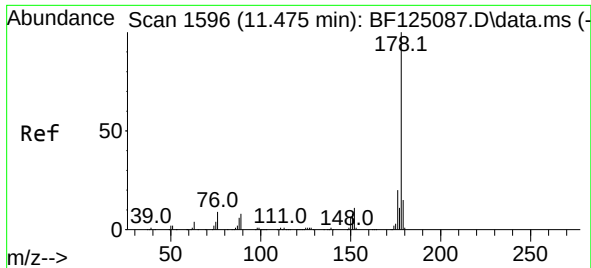
Ion Ratio Lower Upper

266 100

268 66.8 48.9 73.3

264 63.3 55.9 83.9

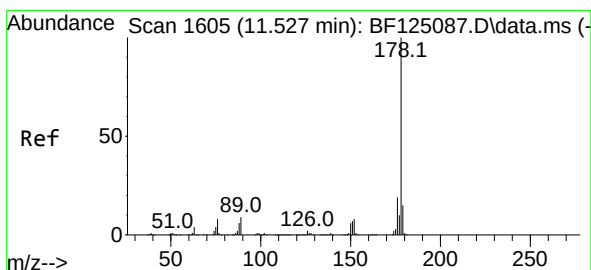
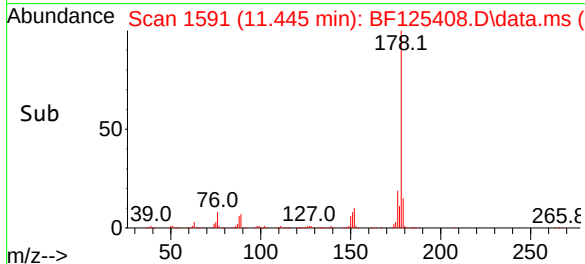
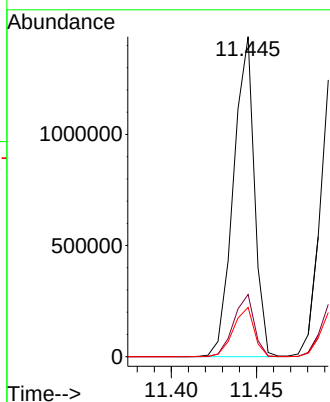
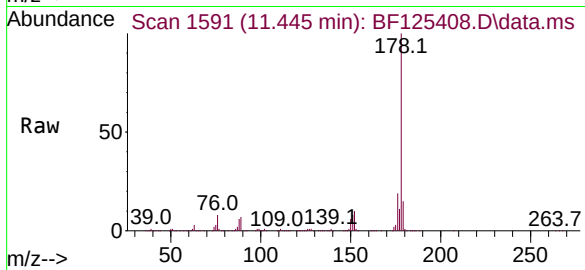




#71  
Phenanthrene  
Concen: 39.218 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

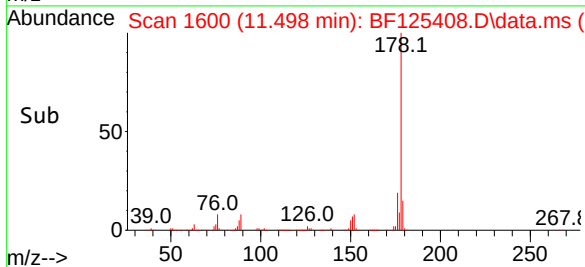
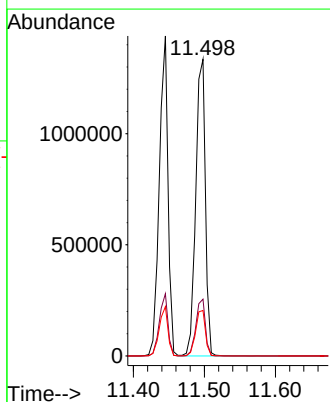
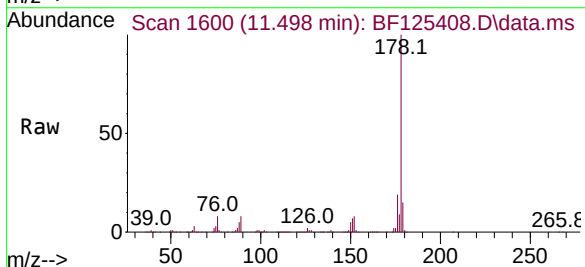
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

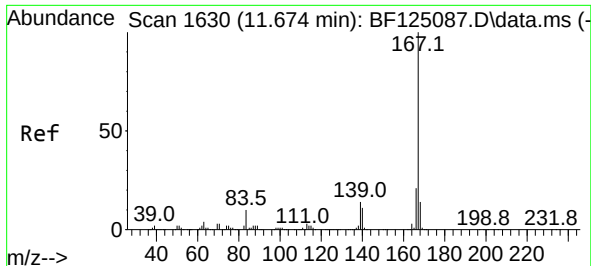
Tgt Ion:178 Resp: 1230587  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.7 22.1  
179 15.4 11.5 17.3



#72  
Anthracene  
Concen: 40.897 ng  
RT: 11.498 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:178 Resp: 1264880  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.3 21.5  
179 15.3 12.2 18.4

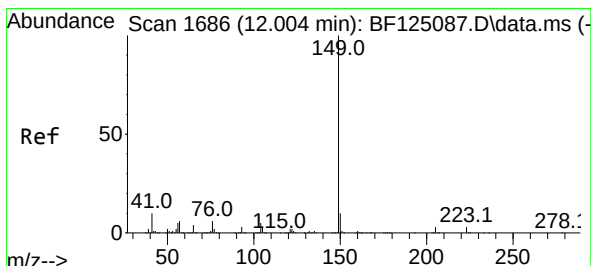
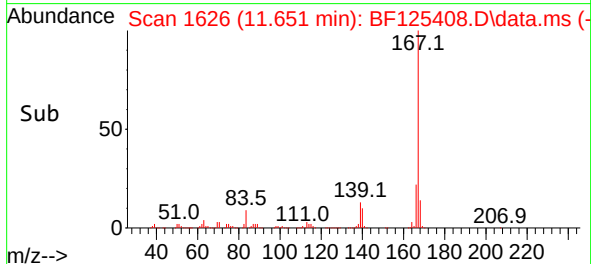
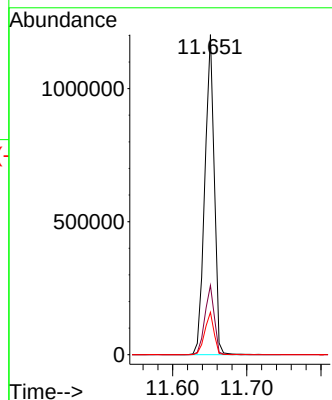
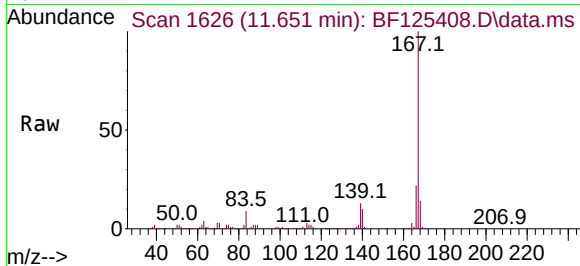




#73  
 Carbazole  
 Concen: 37.803 ng  
 RT: 11.651 min Scan# 1626  
 Delta R.T. 0.000 min  
 Lab File: BF125408.D  
 Acq: 9 Sep 2021 12:28

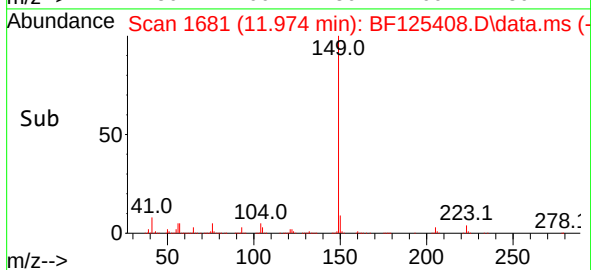
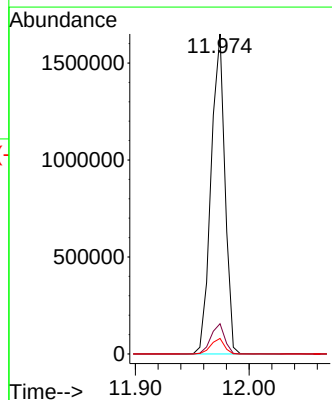
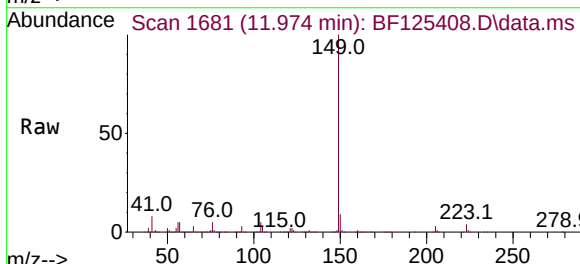
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138985BS

Tgt Ion:167 Resp: 1068429  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.4 26.0  
 139 13.3 11.0 16.4

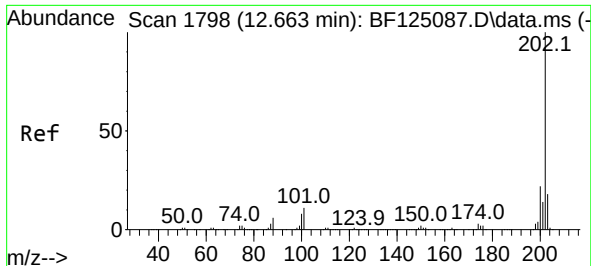


#74  
 Di-n-butylphthalate  
 Concen: 41.659 ng  
 RT: 11.974 min Scan# 1681  
 Delta R.T. 0.000 min  
 Lab File: BF125408.D  
 Acq: 9 Sep 2021 12:28

Tgt Ion:149 Resp: 1397215  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.2  
 104 4.9 4.1 6.1



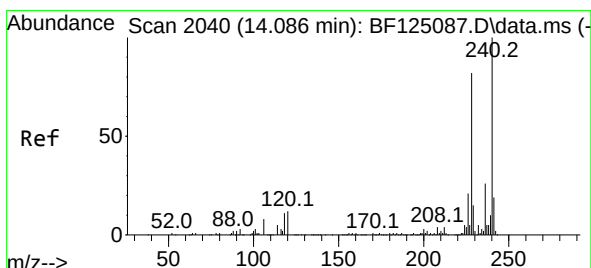
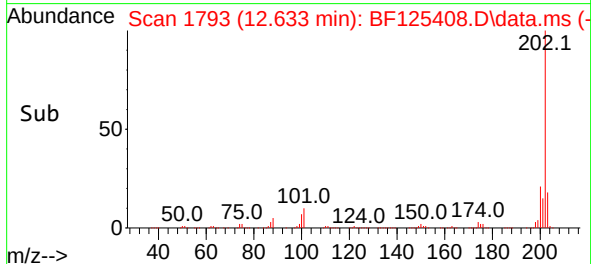
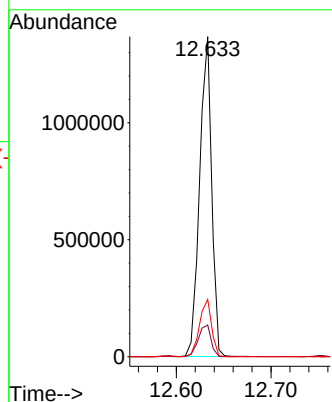
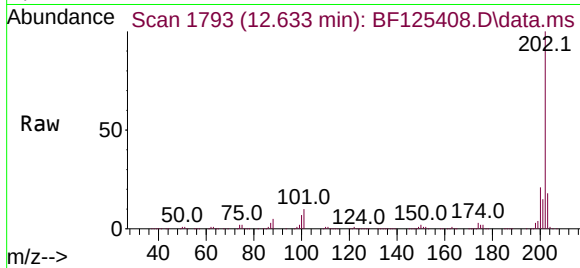




#75  
Fluoranthene  
Concen: 38.819 ng  
RT: 12.633 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

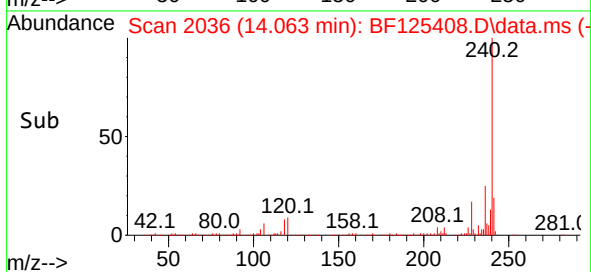
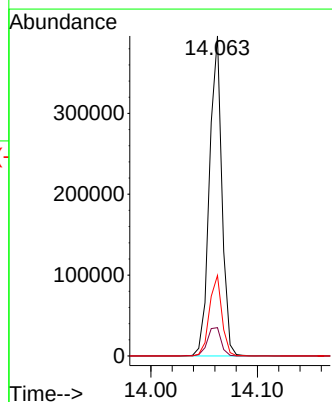
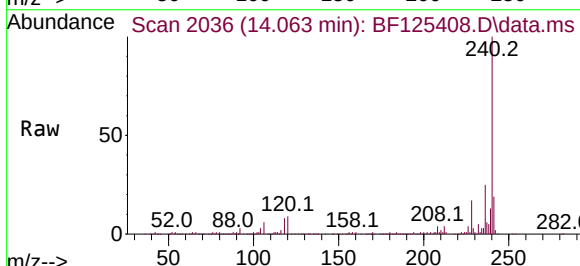
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

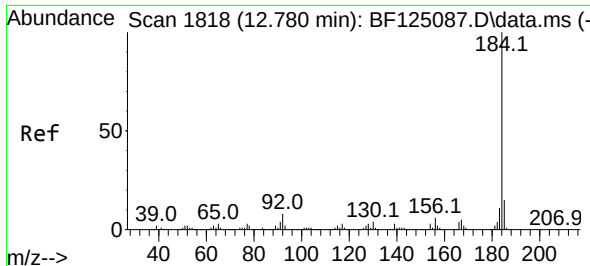
Tgt Ion:202 Resp: 1208638  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.7  
203 17.9 0.0 36.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:240 Resp: 320720  
Ion Ratio Lower Upper  
240 100  
120 8.9 10.8 16.2#  
236 25.2 21.6 32.4

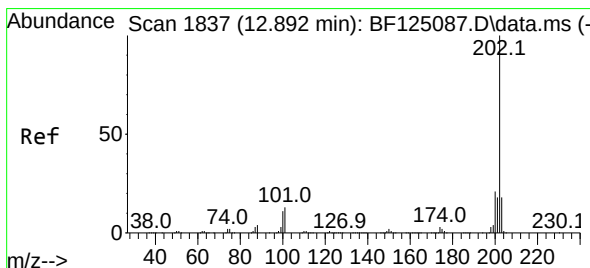
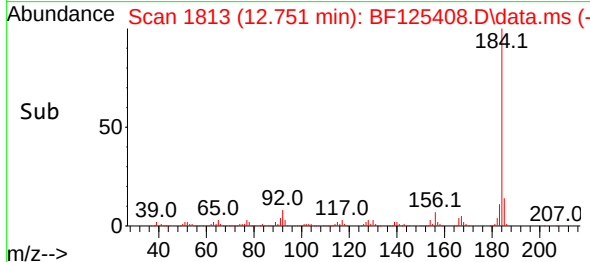
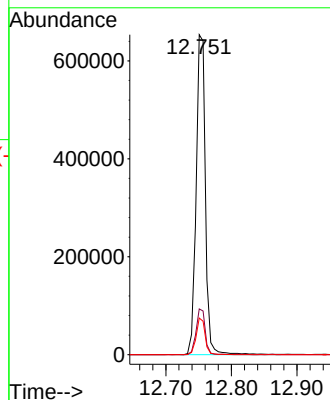
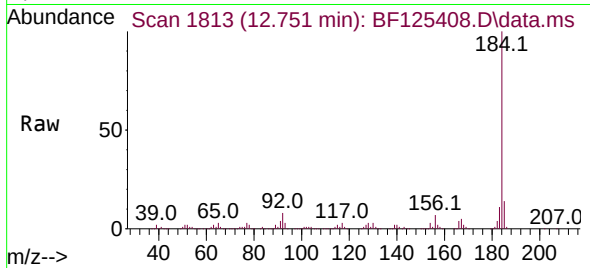




#77  
Benzidine  
Concen: 57.454 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

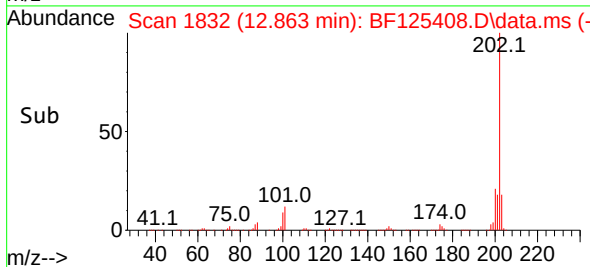
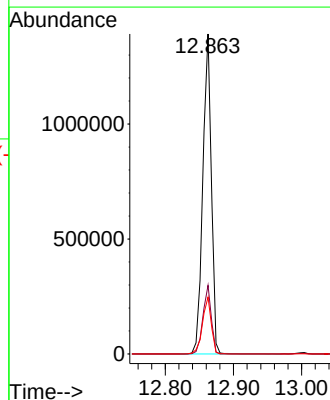
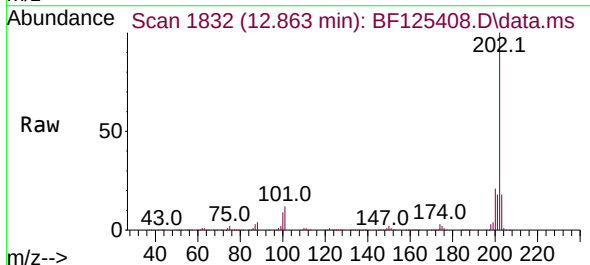
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

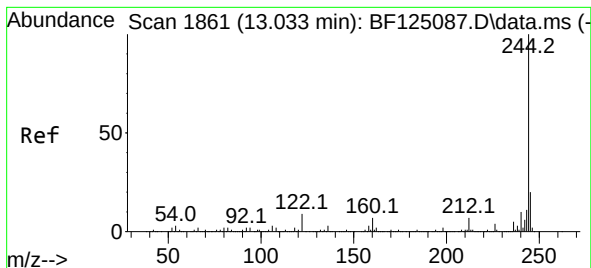
Tgt Ion:184 Resp: 643543  
Ion Ratio Lower Upper  
184 100  
185 14.3 10.8 16.2  
183 11.5 8.1 12.1



#78  
Pyrene  
Concen: 44.139 ng  
RT: 12.863 min Scan# 1832  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:202 Resp: 1214330  
Ion Ratio Lower Upper  
202 100  
200 21.4 15.3 22.9  
203 17.7 13.4 20.0





#79

Terphenyl-d14

Concen: 87.083 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

Tgt Ion:244 Resp: 1753157

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

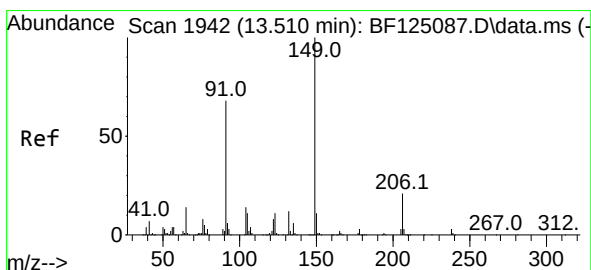
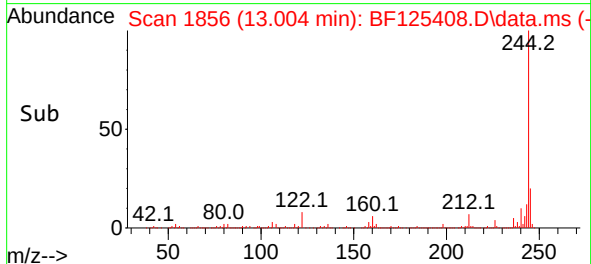
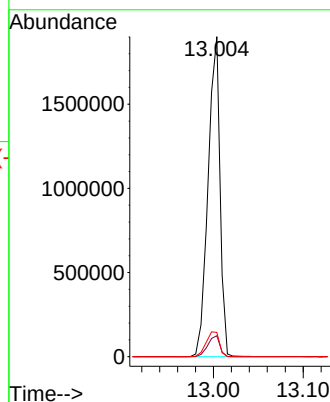
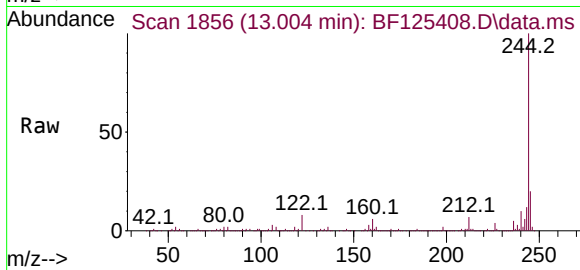
122 7.6 9.0 13.4#

Instrument :

BNA\_F

ClientSampleId :

PB138985BS



#80

Butylbenzylphthalate

Concen: 45.194 ng

RT: 13.474 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

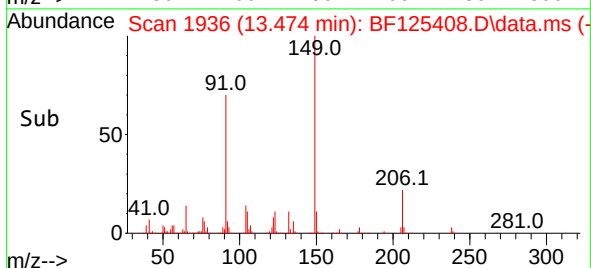
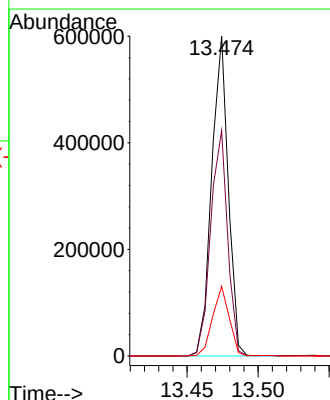
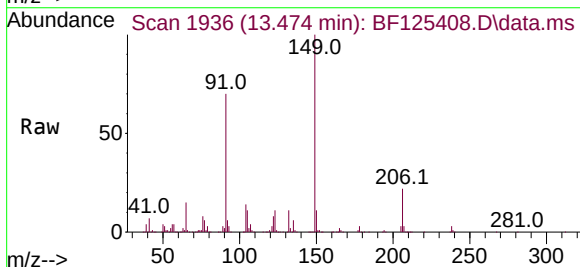
Tgt Ion:149 Resp: 488553

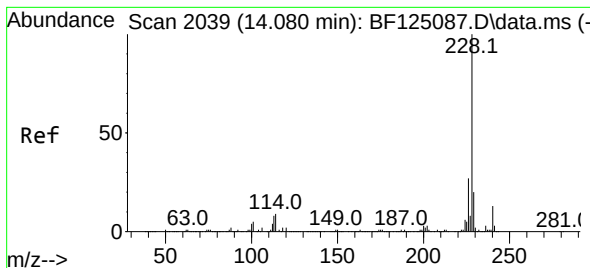
Ion Ratio Lower Upper

149 100

91 70.4 51.8 77.8

206 21.8 14.5 21.7#





#81

Benzo(a)anthracene

Concen: 41.162 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

Instrument :

BNA\_F

ClientSampleId :

PB138985BS

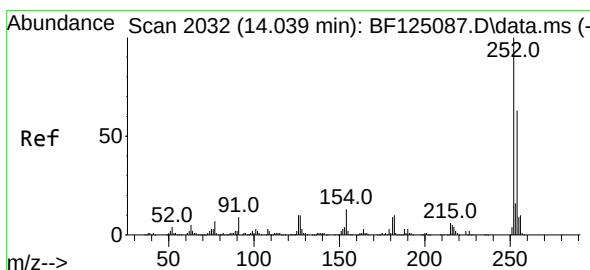
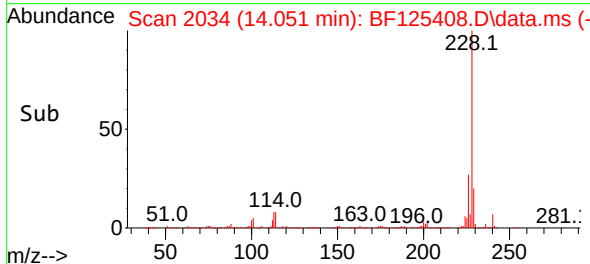
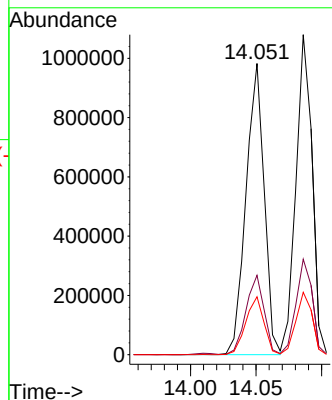
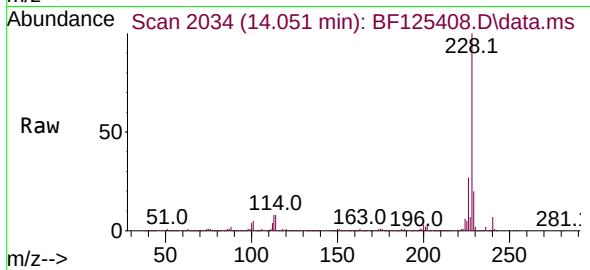
Tgt Ion:228 Resp: 951169

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 39.827 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF125408.D

Acq: 9 Sep 2021 12:28

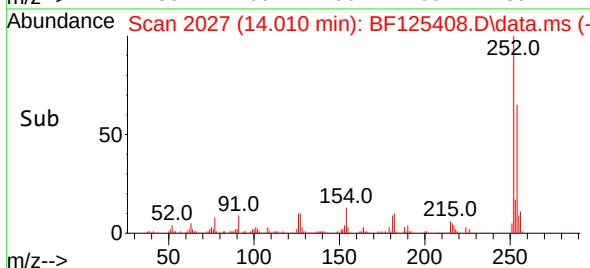
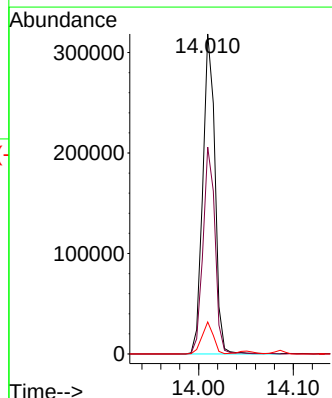
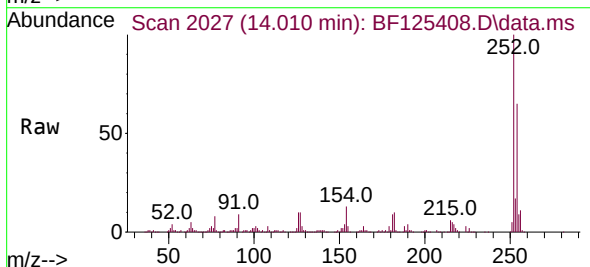
Tgt Ion:252 Resp: 285287

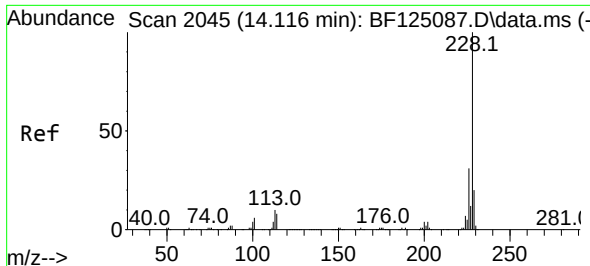
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

126 10.0 9.5 14.3

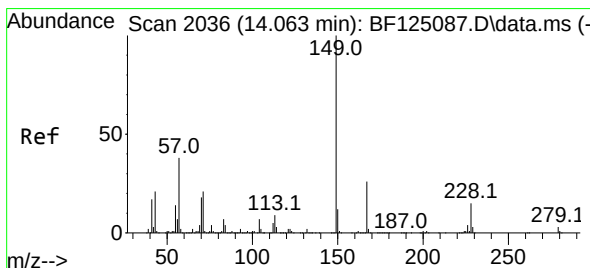
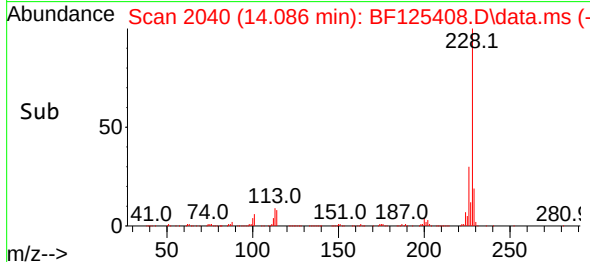
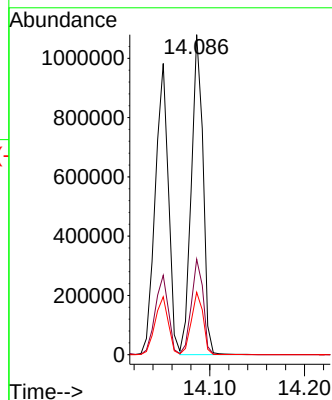
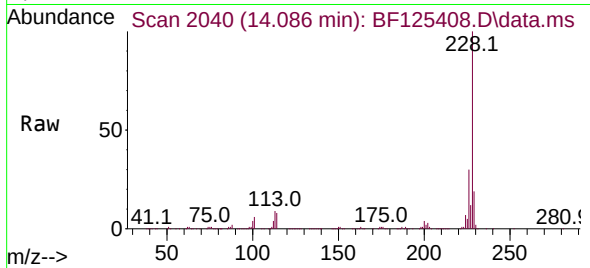




#83  
Chrysene  
Concen: 40.425 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

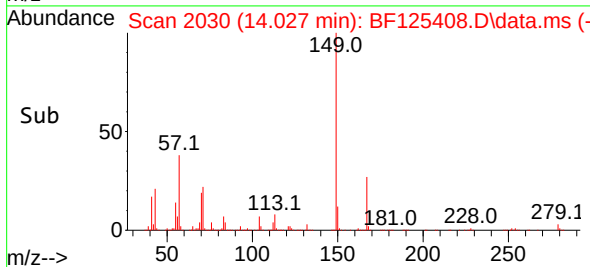
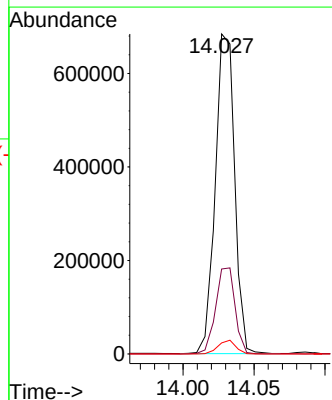
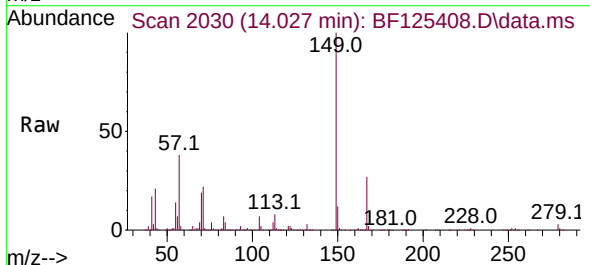
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

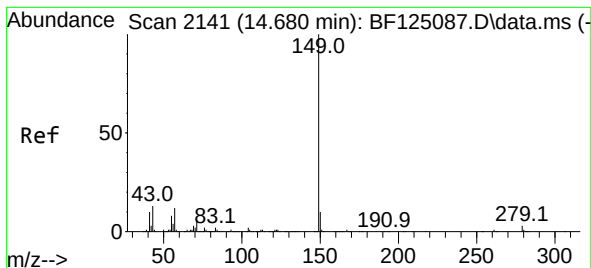
Tgt Ion:228 Resp: 923816  
Ion Ratio Lower Upper  
228 100  
226 29.9 22.6 34.0  
229 19.5 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.642 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:149 Resp: 648426  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.4 32.0  
279 3.5 2.6 4.0

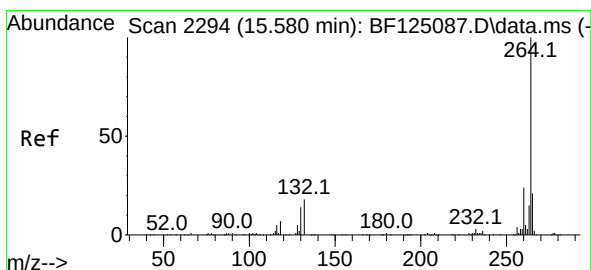
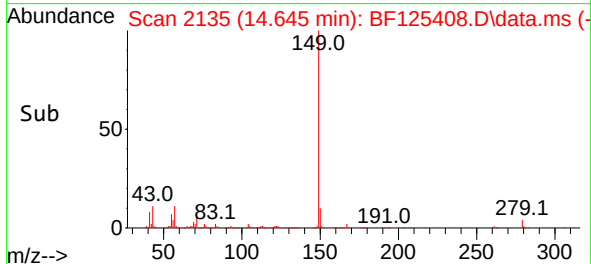
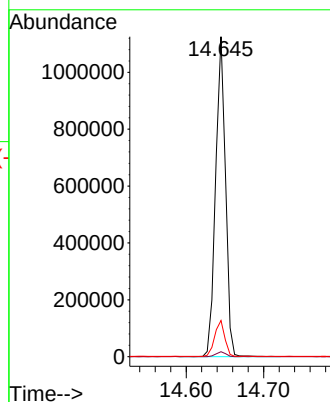
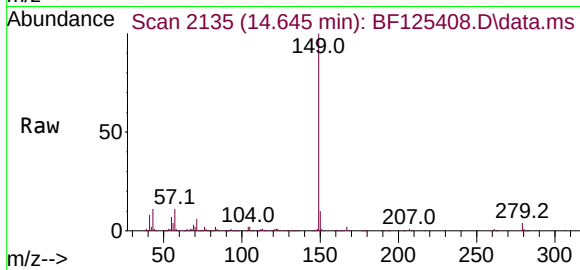




#85  
Di-n-octyl phthalate  
Concen: 40.345 ng  
RT: 14.645 min Scan# 2135  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

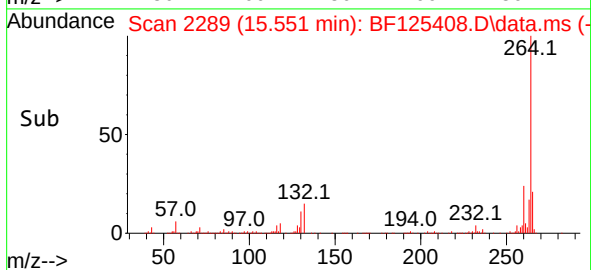
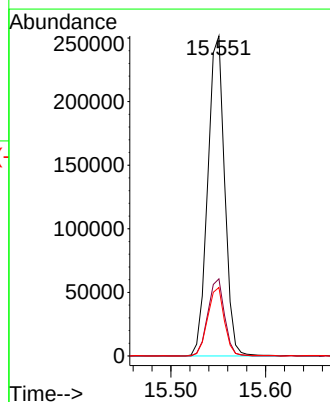
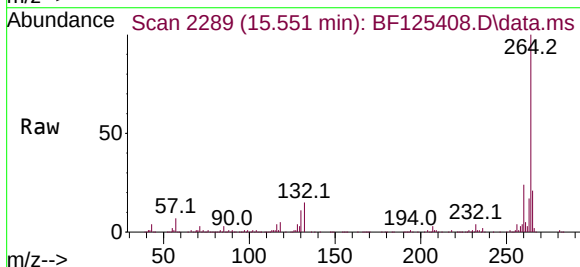
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

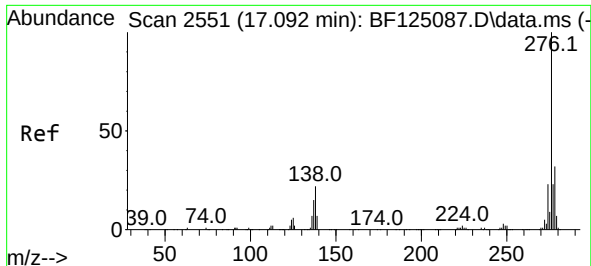
Tgt Ion:149 Resp: 996982  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.0 1.6  
43 11.3 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.551 min Scan# 2289  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:264 Resp: 311063  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.6 29.4  
265 21.4 17.2 25.8

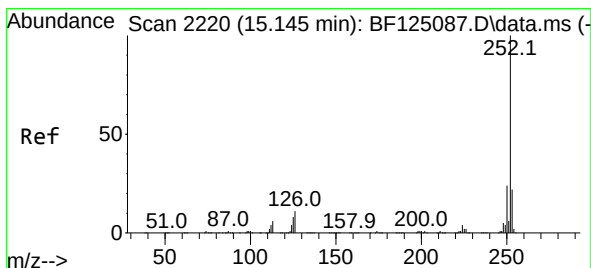
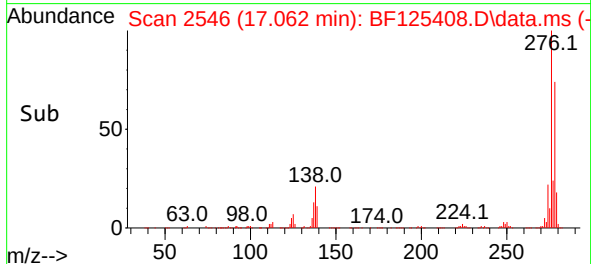
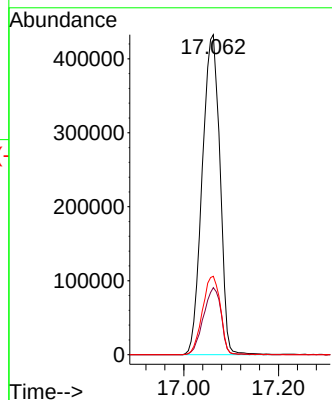
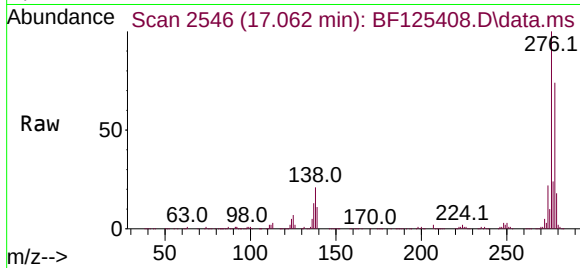




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.001 ng  
RT: 17.062 min Scan# 2546  
Delta R.T. 0.012 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

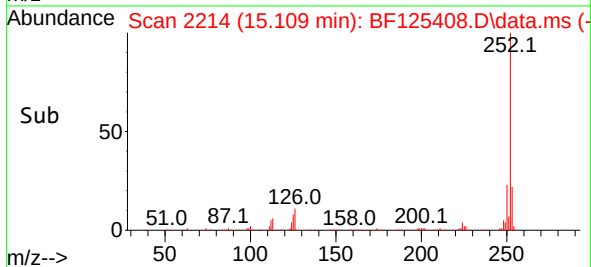
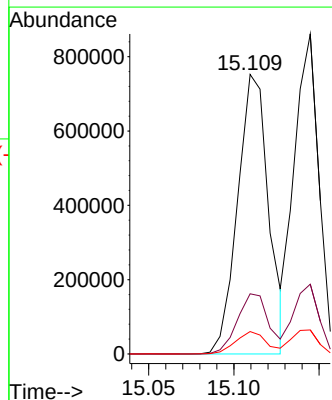
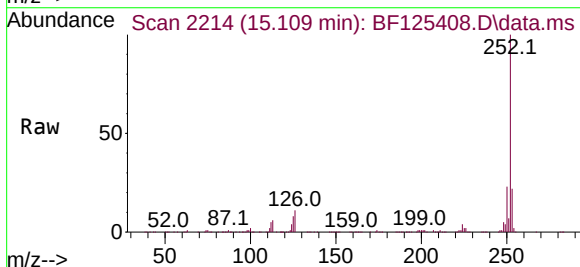
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

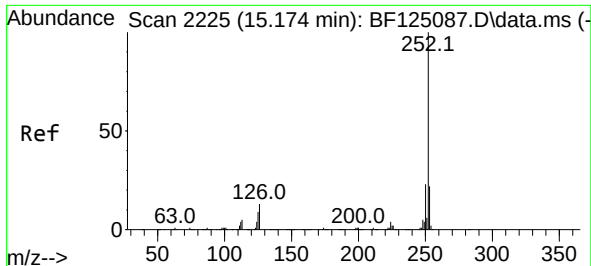
Tgt Ion:276 Resp: 1120493  
Ion Ratio Lower Upper  
276 100  
138 21.0 24.1 36.1#  
277 24.9 18.8 28.2



#88  
Benzo(b)fluoranthene  
Concen: 41.984 ng  
RT: 15.109 min Scan# 2214  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:252 Resp: 954112  
Ion Ratio Lower Upper  
252 100  
253 21.6 16.8 25.2  
125 8.0 9.8 14.8#

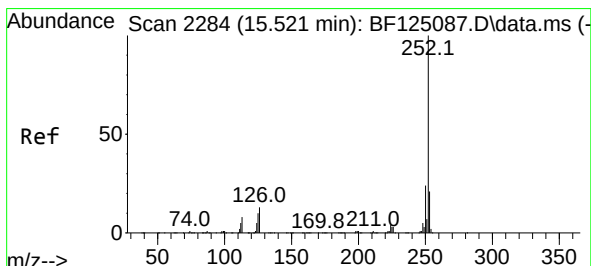
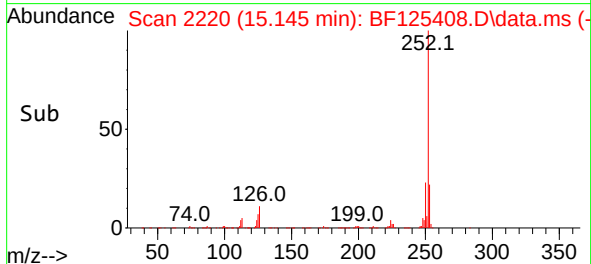
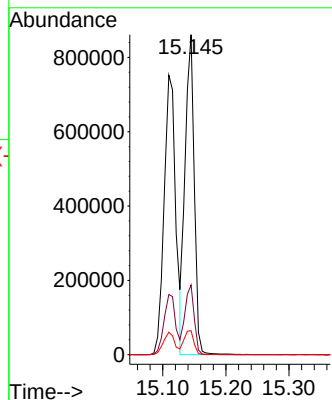
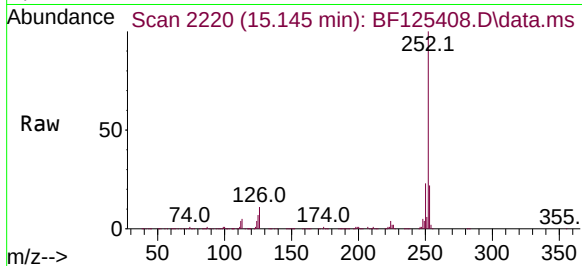




#89  
Benzo(k)fluoranthene  
Concen: 41.085 ng  
RT: 15.145 min Scan# 2220  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

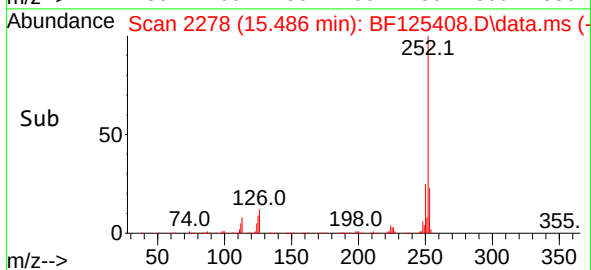
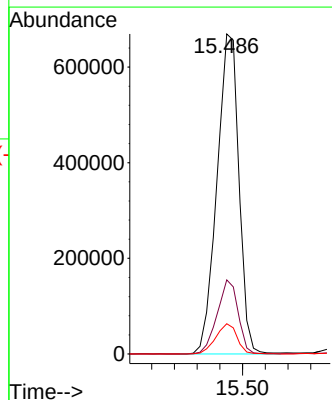
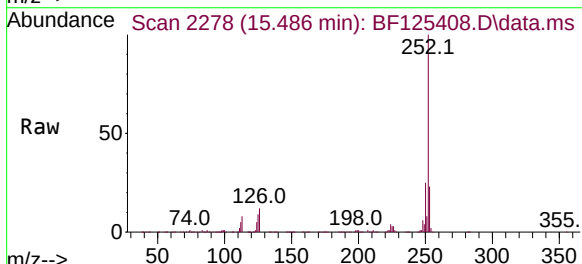
Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

Tgt Ion:252 Resp: 871271  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 7.5 7.2 10.8

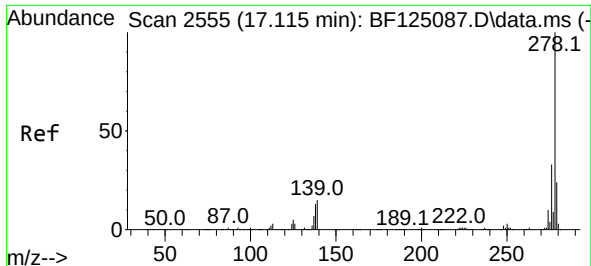


#90  
Benzo(a)pyrene  
Concen: 44.832 ng  
RT: 15.486 min Scan# 2278  
Delta R.T. 0.000 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:252 Resp: 899968  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.4 27.6  
125 9.4 9.9 14.9#



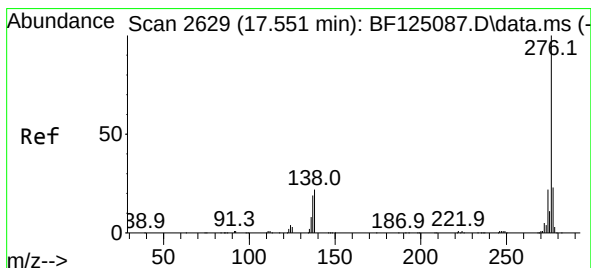
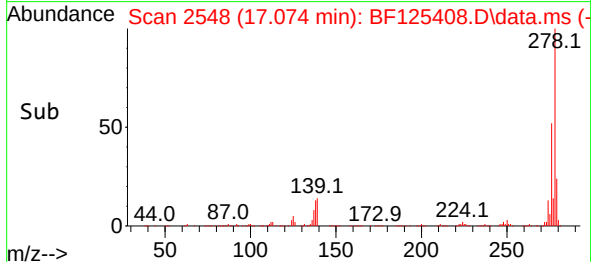
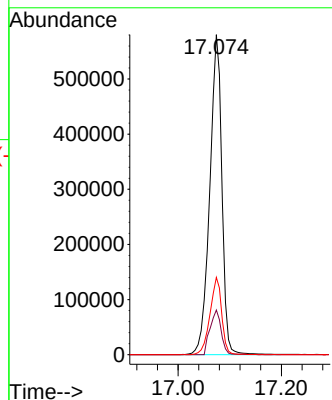
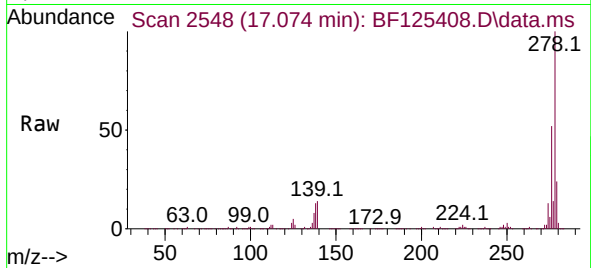




#91  
Dibenzo(a,h)anthracene  
Concen: 48.860 ng  
RT: 17.074 min Scan# 2548  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB138985BS

Tgt Ion:278 Resp: 946460  
Ion Ratio Lower Upper  
278 100  
139 13.9 14.9 22.3#  
279 24.1 19.7 29.5



#92  
Benzo(g,h,i)perylene  
Concen: 51.866 ng  
RT: 17.515 min Scan# 2623  
Delta R.T. 0.006 min  
Lab File: BF125408.D  
Acq: 9 Sep 2021 12:28

Tgt Ion:276 Resp: 968727  
Ion Ratio Lower Upper  
276 100  
277 24.5 22.0 33.0  
138 18.6 22.2 33.4#

