

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021622\  
 Data File : BF126912.D  
 Acq On : 16 Feb 2022 14:39  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF021622

Quant Time: Feb 16 17:05:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 14:55:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.934  | 152  | 122828   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.216  | 136  | 500094   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.975  | 164  | 252741   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.463 | 188  | 442089   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.110 | 240  | 259955   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.609 | 264  | 197377   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.545  | 112  | 611108   | 76.897 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.557  | 99   | 838821   | 78.223 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.504  | 82   | 839156   | 75.740 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.769 | 330  | 225940   | 77.643 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.292  | 172  | 1290676  | 75.179 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.051 | 244  | 1362634  | 77.057 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.746  | 88   | 142099   | 39.076 | ng    | 96       |
| 3) Pyridine                   | 3.522  | 79   | 379632   | 39.800 | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 184943   | 39.581 | ng    | # 74     |
| 6) Aniline                    | 6.598  | 93   | 505767   | 39.807 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.716  | 128  | 336781   | 39.496 | ng    | 96       |
| 9) Benzaldehyde               | 6.487  | 77   | 236566   | 36.242 | ng    | 98       |
| 10) Phenol                    | 6.569  | 94   | 422040   | 38.951 | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 6.669  | 93   | 331330   | 38.987 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.875  | 146  | 357556   | 38.873 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.951  | 146  | 360921   | 38.705 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.104  | 146  | 343045   | 38.576 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.075  | 79   | 358896   | 39.727 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.204  | 45   | 518186   | 38.722 | ng    | 97       |
| 17) 2-Methylphenol            | 7.175  | 107  | 292511   | 39.650 | ng    | 94       |
| 18) Hexachloroethane          | 7.445  | 117  | 139952   | 39.154 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 275208   | 39.828 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.334  | 107  | 379094   | 39.572 | ng    | # 82     |
| 22) Acetophenone              | 7.345  | 105  | 493521   | 37.481 | ng    | 96       |
| 24) Nitrobenzene              | 7.522  | 77   | 400429   | 38.258 | ng    | 98       |
| 25) Isophorone                | 7.757  | 82   | 704332   | 38.418 | ng    | # 98     |
| 26) 2-Nitrophenol             | 7.834  | 139  | 180006   | 40.394 | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 7.863  | 122  | 280236   | 38.280 | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 7.963  | 93   | 427043   | 38.422 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.069  | 162  | 265768   | 38.614 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.157  | 180  | 293367   | 38.125 | ng    | 99       |
| 31) Naphthalene               | 8.239  | 128  | 986337   | 37.782 | ng    | 99       |
| 32) Benzoic acid              | 7.981  | 122  | 219688   | 42.314 | ng    | 87       |
| 33) 4-Chloroaniline           | 8.286  | 127  | 391097   | 38.061 | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.351  | 225  | 172507   | 38.400 | ng    | 99       |
| 35) Caprolactam               | 8.669  | 113  | 93315    | 38.825 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.763  | 107  | 342778   | 38.969 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.928  | 142  | 638138   | 37.672 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.028  | 142  | 621012   | 38.284 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.092  | 216  | 256304   | 38.524 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.081  | 237  | 149297   | 41.375 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.204  | 196  | 187931   | 38.514 | ng    | 98       |

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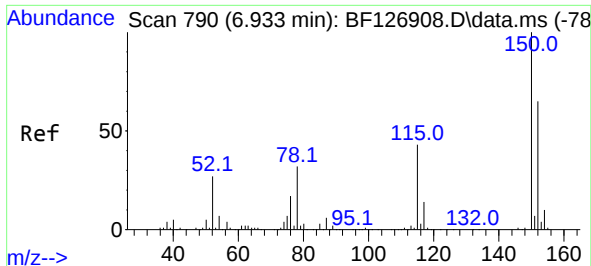
Quant Time: Feb 16 17:05:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
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 QLast Update : Wed Feb 16 14:55:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.239  | 196  | 199336   | 38.820 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 9.392  | 154  | 759716   | 37.940 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.422  | 162  | 563649   | 37.958 | ng    | 95       |
| 48) 2-Nitroaniline            | 9.516  | 65   | 231776   | 39.554 | ng    | 92       |
| 49) Acenaphthylene            | 9.839  | 152  | 925628   | 38.375 | ng    | 99       |
| 50) Dimethylphthalate         | 9.698  | 163  | 696683   | 38.564 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.757  | 165  | 143989   | 39.175 | ng    | # 81     |
| 52) Acenaphthene              | 10.010 | 154  | 611919   | 39.009 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.928  | 138  | 175636   | 39.092 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 10.033 | 184  | 83873    | 43.113 | ng    | # 83     |
| 55) Dibenzofuran              | 10.180 | 168  | 824676   | 38.232 | ng    | 91       |
| 56) 4-Nitrophenol             | 10.080 | 139  | 133695   | 40.290 | ng    | # 89     |
| 57) 2,4-Dinitrotoluene        | 10.163 | 165  | 195244   | 39.288 | ng    | # 98     |
| 58) Fluorene                  | 10.527 | 166  | 632213   | 37.627 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.292 | 232  | 158513   | 38.939 | ng    | 97       |
| 60) Diethylphthalate          | 10.392 | 149  | 721453   | 38.219 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.516 | 204  | 302475   | 38.178 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.545 | 138  | 174500   | 39.331 | ng    | # 80     |
| 63) Azobenzene                | 10.675 | 77   | 797364   | 37.934 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 111697   | 43.001 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 10.633 | 169  | 551017   | 38.010 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 11.004 | 248  | 188765   | 38.216 | ng    | # 88     |
| 68) Hexachlorobenzene         | 11.069 | 284  | 203204   | 38.214 | ng    | 93       |
| 69) Atrazine                  | 11.157 | 200  | 174718   | 38.860 | ng    | 98       |
| 70) Pentachlorophenol         | 11.263 | 266  | 119447   | 41.150 | ng    | 98       |
| 71) Phenanthrene              | 11.492 | 178  | 927952   | 37.501 | ng    | 100      |
| 72) Anthracene                | 11.545 | 178  | 932095   | 37.838 | ng    | 99       |
| 73) Carbazole                 | 11.698 | 167  | 847841   | 37.531 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.016 | 149  | 1116442  | 38.443 | ng    | 98       |
| 75) Fluoranthene              | 12.680 | 202  | 883092   | 37.586 | ng    | 96       |
| 77) Benzidine                 | 12.798 | 184  | 261196   | 36.973 | ng    | 94       |
| 78) Pyrene                    | 12.910 | 202  | 886605   | 39.257 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.521 | 149  | 424464   | 39.700 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.098 | 228  | 683031   | 38.974 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.057 | 252  | 213425   | 38.643 | ng    | 99       |
| 83) Chrysene                  | 14.139 | 228  | 639676   | 38.815 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.074 | 149  | 559248   | 39.841 | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 14.692 | 149  | 800421   | 39.604 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.151 | 276  | 535776   | 41.397 | ng    | # 87     |
| 88) Benzo(b)fluoranthene      | 15.168 | 252  | 516216   | 38.940 | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 15.198 | 252  | 527951   | 41.290 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.551 | 252  | 419196   | 40.484 | ng    | # 94     |
| 91) Dibenzo(a,h)anthracene    | 17.168 | 278  | 442261   | 41.318 | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 17.621 | 276  | 433451   | 41.075 | ng    | # 87     |

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

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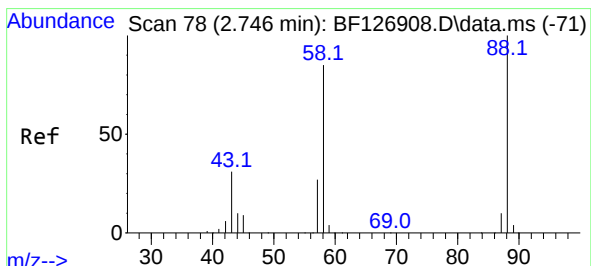
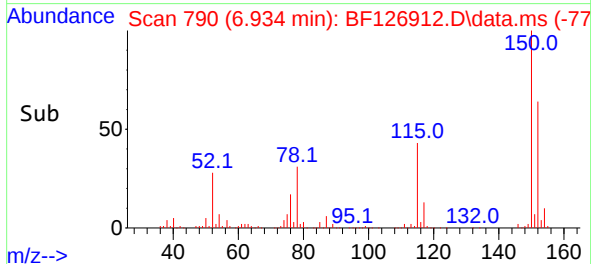
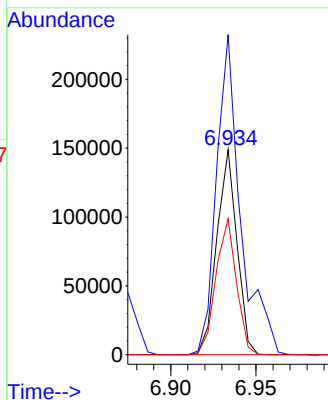
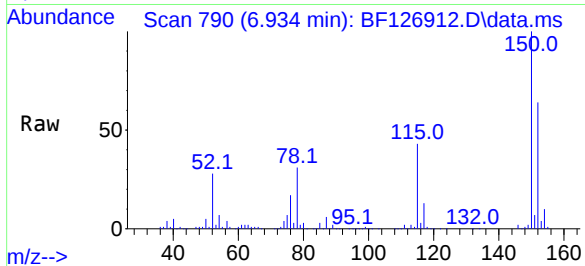




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.934 min Scan# 79  
 Delta R.T. 0.001 min  
 Lab File: BF126912.D  
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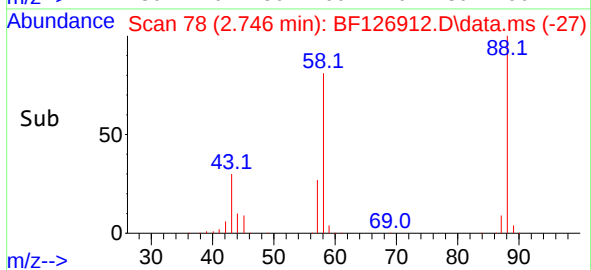
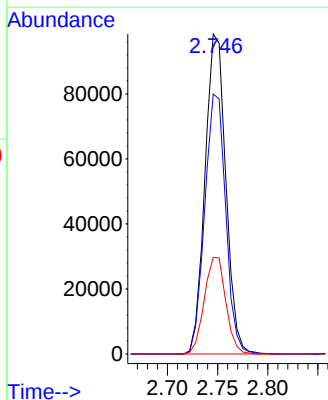
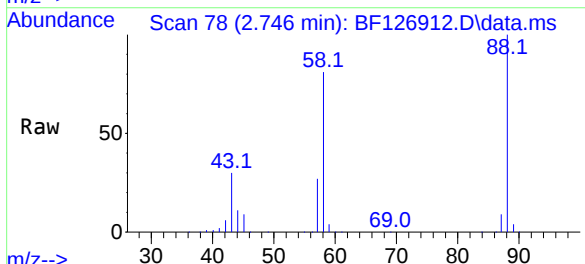
Instrument :  
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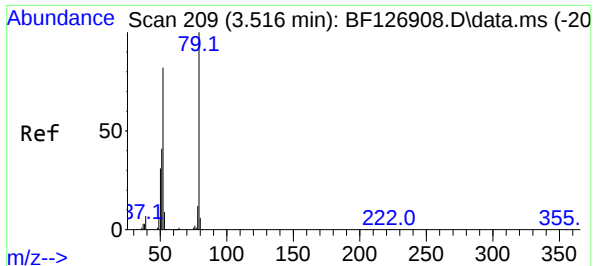
Tgt Ion:152 Resp: 122828  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 128.1 192.1  
 115 66.4 56.7 85.1



#2  
 1,4-Dioxane  
 Concen: 39.076 ng  
 RT: 2.746 min Scan# 78  
 Delta R.T. 0.000 min  
 Lab File: BF126912.D  
 Acq: 16 Feb 2022 14:39

Tgt Ion: 88 Resp: 142099  
 Ion Ratio Lower Upper  
 88 100  
 58 81.8 62.8 94.2  
 43 31.1 22.3 33.5

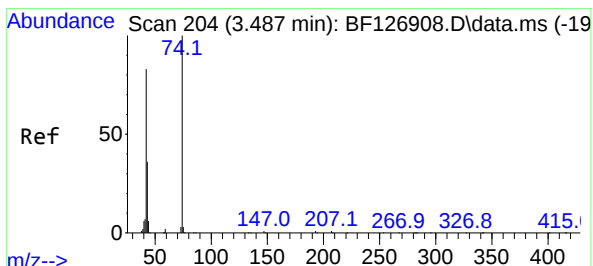
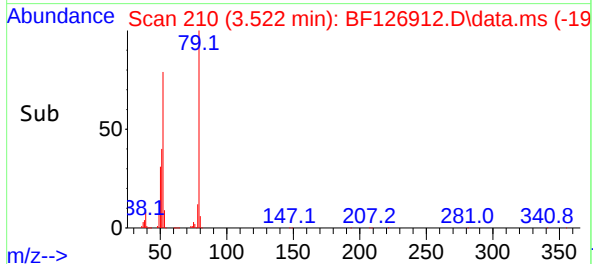
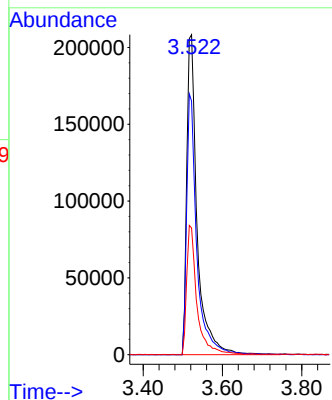
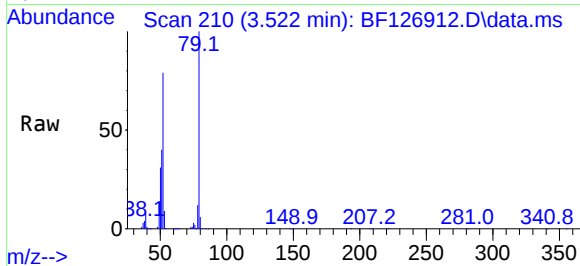




#3  
Pyridine  
Concen: 39.800 ng  
RT: 3.522 min Scan# 210  
Delta R.T. 0.006 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

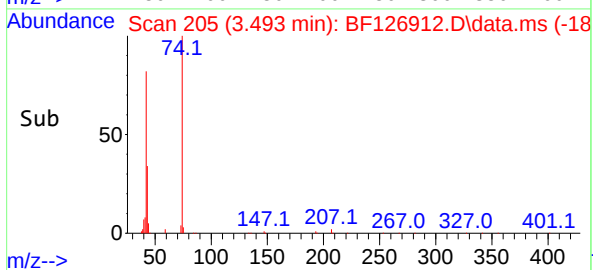
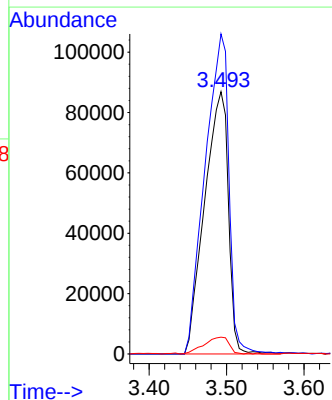
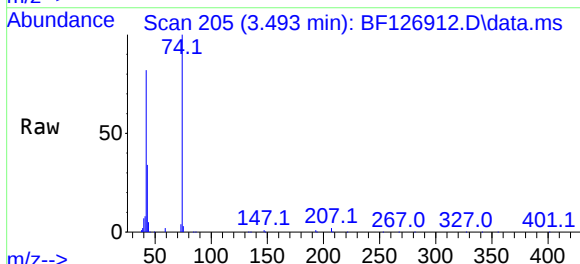
Instrument :  
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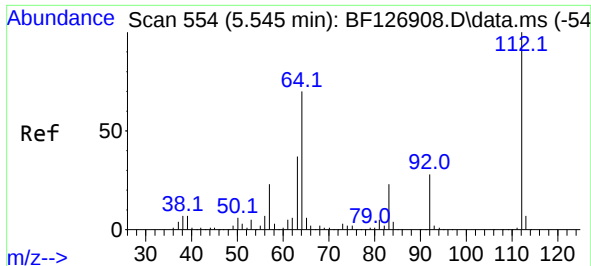
Tgt Ion: 79 Resp: 379632  
Ion Ratio Lower Upper  
79 100  
52 79.3 56.2 84.4  
51 39.6 26.7 40.1



#4  
n-Nitrosodimethylamine  
Concen: 39.581 ng  
RT: 3.493 min Scan# 205  
Delta R.T. 0.006 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion: 42 Resp: 184943  
Ion Ratio Lower Upper  
42 100  
74 122.0 125.6 188.4#  
44 6.4 5.7 8.5

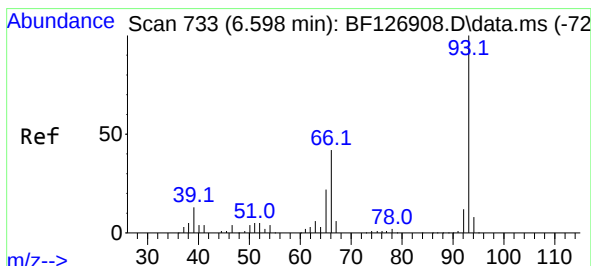
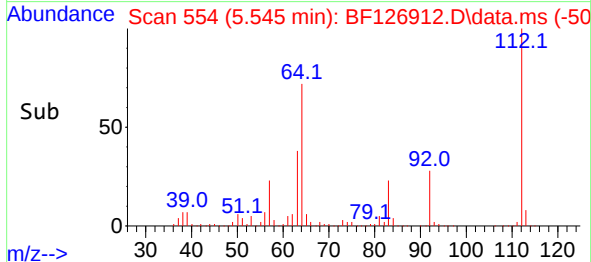
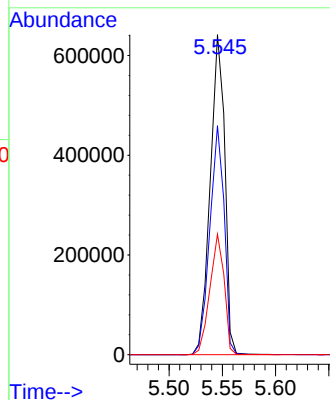
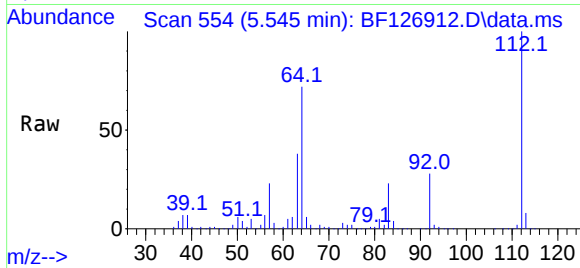




#5  
2-Fluorophenol  
Concen: 76.897 ng  
RT: 5.545 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

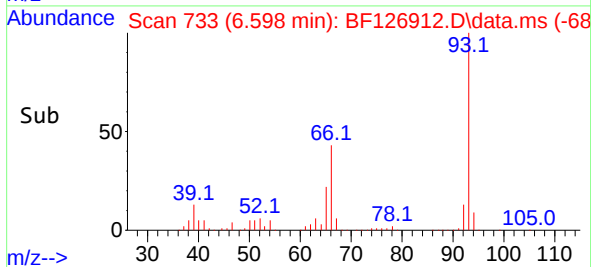
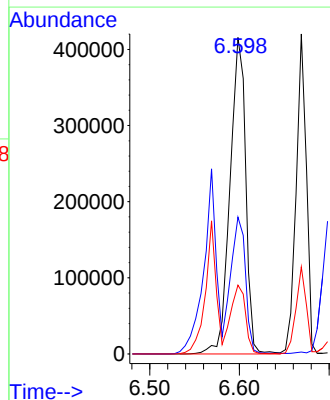
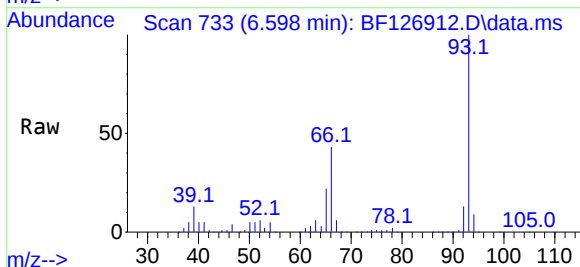
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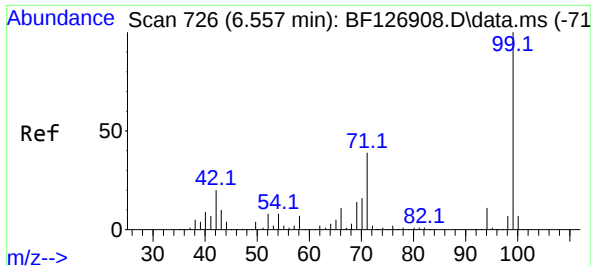
Tgt Ion:112 Resp: 611108  
Ion Ratio Lower Upper  
112 100  
64 71.5 49.5 74.3  
63 37.6 23.9 35.9#



#6  
Aniline  
Concen: 39.807 ng  
RT: 6.598 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
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Tgt Ion: 93 Resp: 505767  
Ion Ratio Lower Upper  
93 100  
66 43.3 32.2 48.4  
65 21.7 16.3 24.5

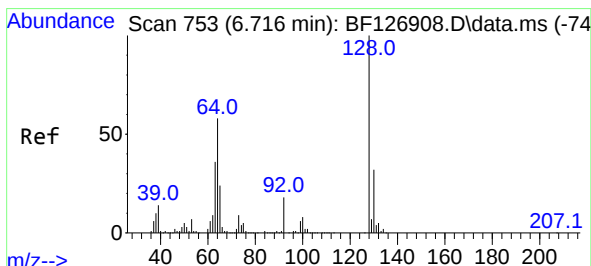
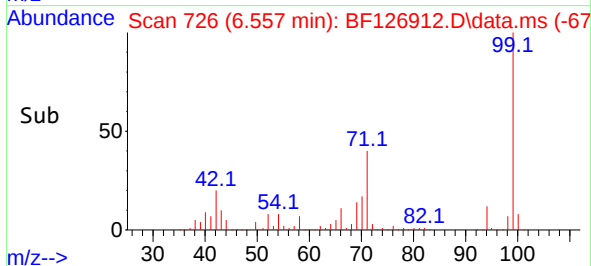
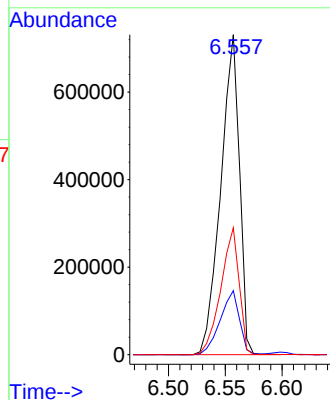
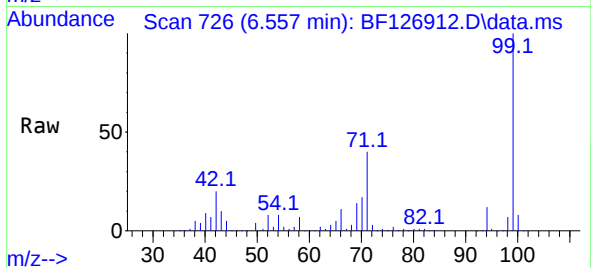




#7  
Phenol-d6  
Concen: 78.223 ng  
RT: 6.557 min Scan# 712  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

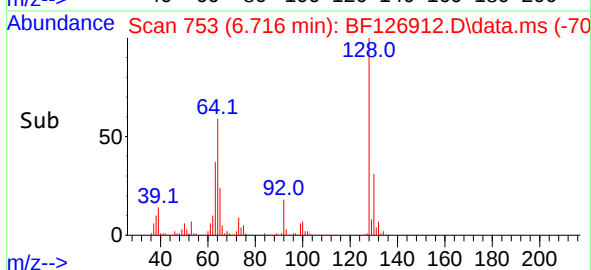
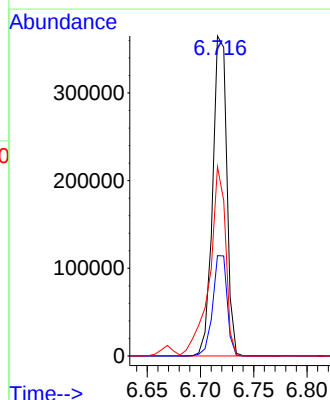
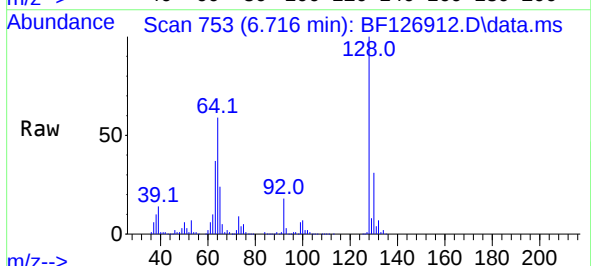
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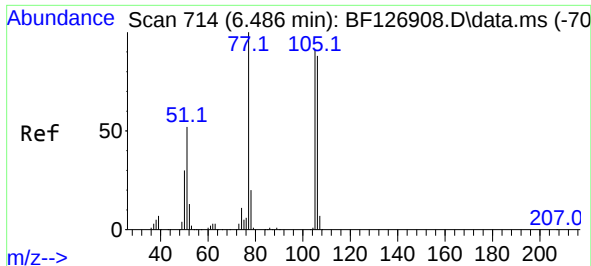
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Ion Ratio Lower Upper  
99 100  
42 20.0 14.2 21.4  
71 39.6 24.3 36.5#



#8  
2-Chlorophenol  
Concen: 39.496 ng  
RT: 6.716 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
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Tgt Ion:128 Resp: 336781  
Ion Ratio Lower Upper  
128 100  
130 31.4 12.7 52.7  
64 59.1 35.6 75.6

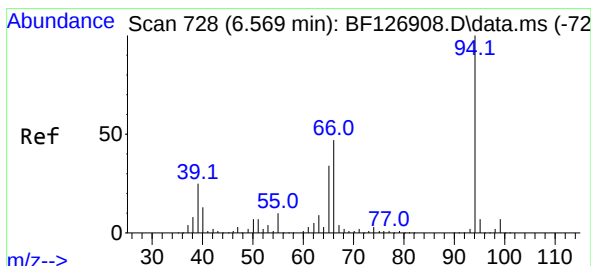
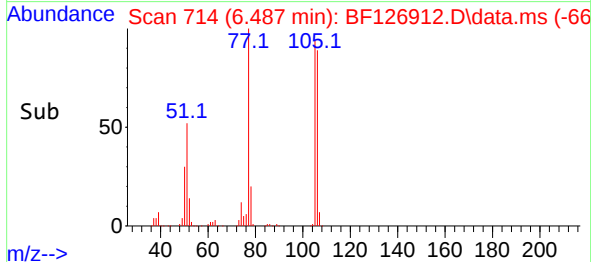
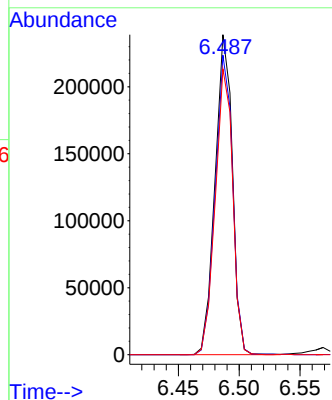
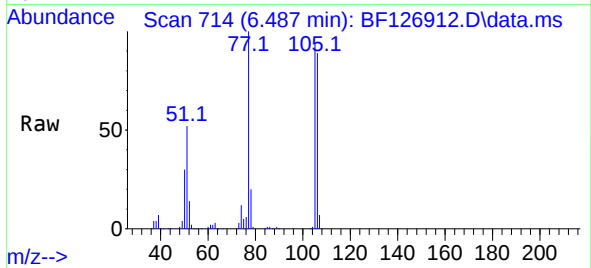




#9  
Benzaldehyde  
Concen: 36.242 ng  
RT: 6.487 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

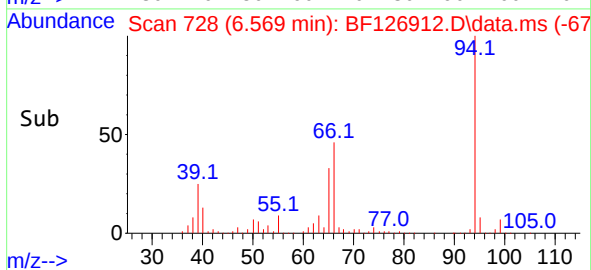
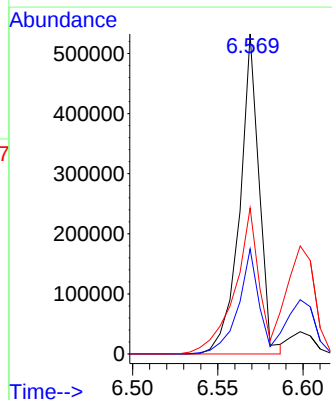
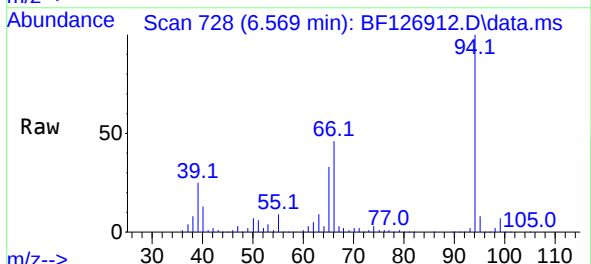
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

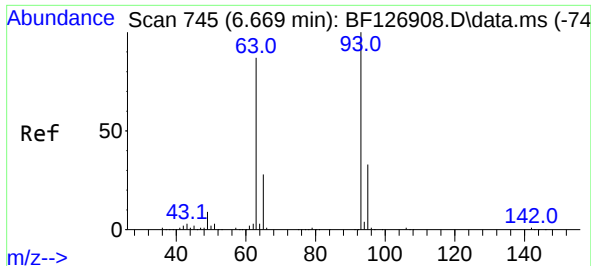
Tgt Ion: 77 Resp: 236566  
Ion Ratio Lower Upper  
77 100  
105 93.6 74.9 114.9  
106 89.3 72.4 112.4



#10  
Phenol  
Concen: 38.951 ng  
RT: 6.569 min Scan# 728  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion: 94 Resp: 422040  
Ion Ratio Lower Upper  
94 100  
65 32.8 7.2 47.2  
66 45.6 14.5 54.5

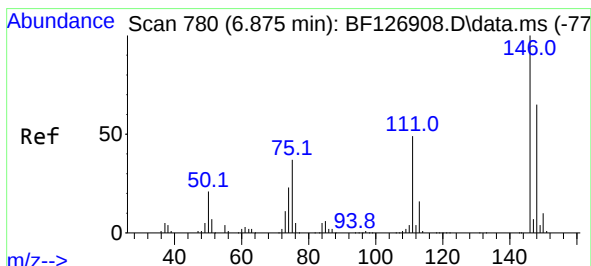
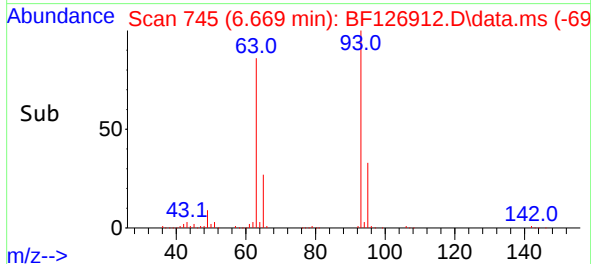
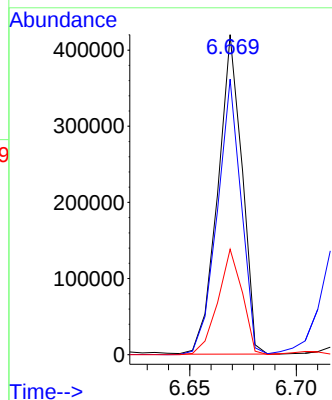
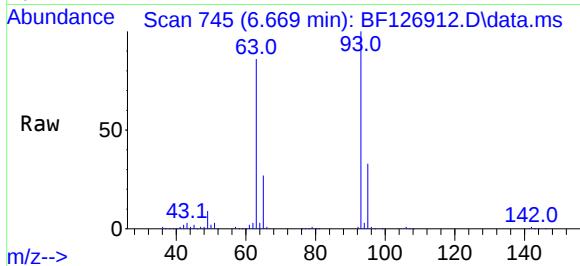




#11  
bis(2-Chloroethyl)ether  
Concen: 38.987 ng  
RT: 6.669 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

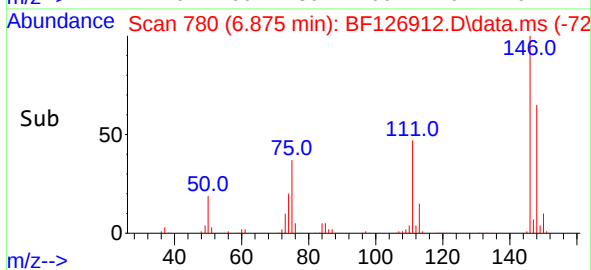
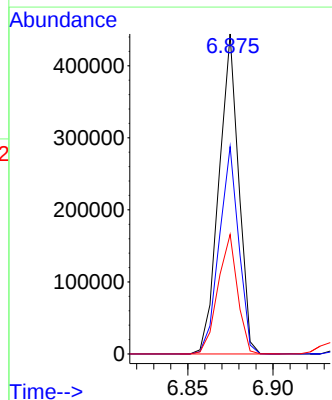
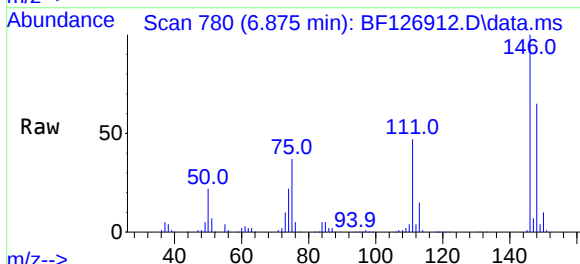
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

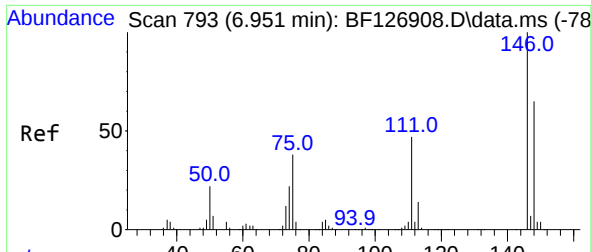
Tgt Ion: 93 Resp: 331330  
Ion Ratio Lower Upper  
93 100  
63 86.1 60.5 100.5  
95 33.0 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 38.873 ng  
RT: 6.875 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:146 Resp: 357556  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.9 76.3  
75 37.3 28.4 42.6

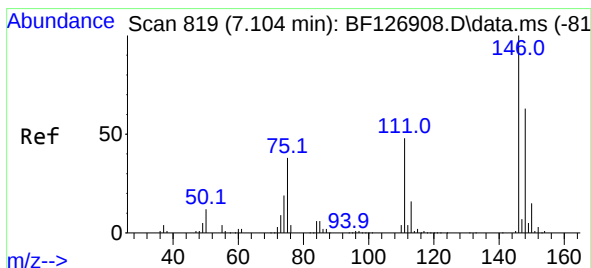
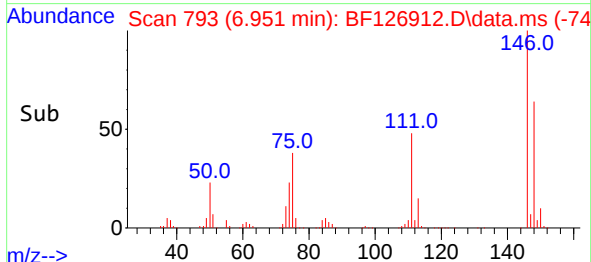
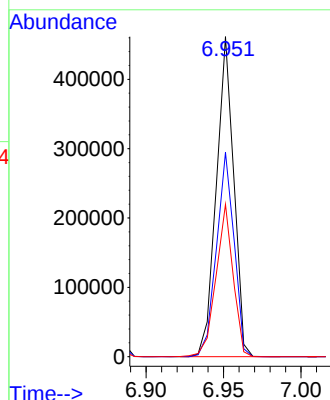
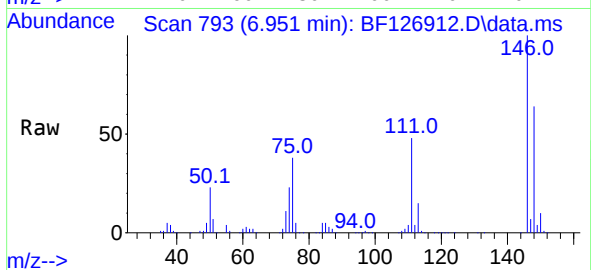




#13  
1,4-Dichlorobenzene  
Concen: 38.705 ng  
RT: 6.951 min Scan# 793  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

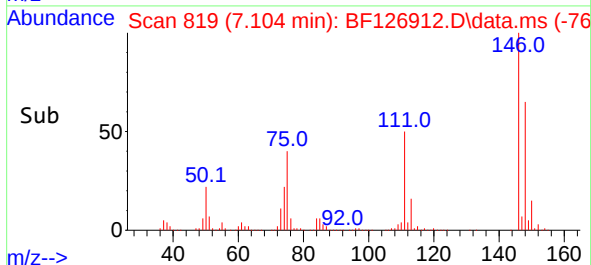
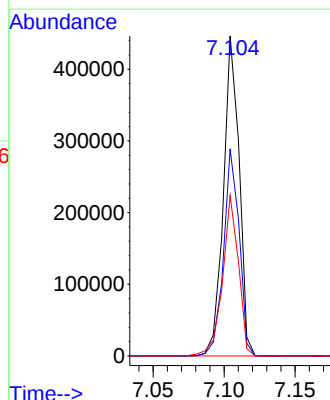
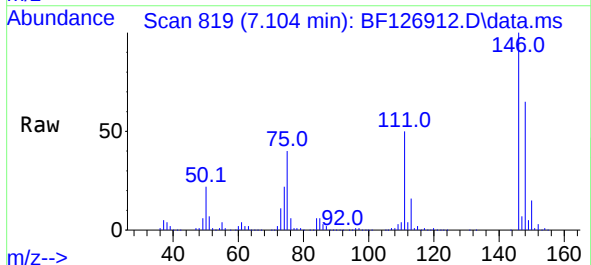
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

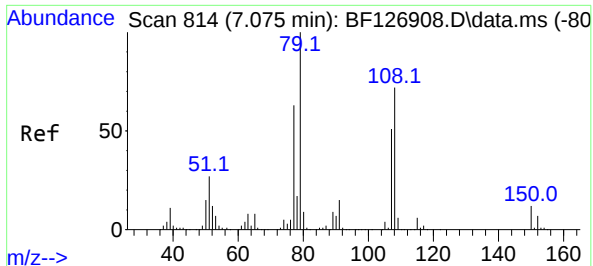
Tgt Ion:146 Resp: 360921  
Ion Ratio Lower Upper  
146 100  
148 63.8 49.8 74.6  
111 47.6 36.1 54.1



#14  
1,2-Dichlorobenzene  
Concen: 38.576 ng  
RT: 7.104 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:146 Resp: 343045  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.6 77.4  
111 50.2 40.2 60.2

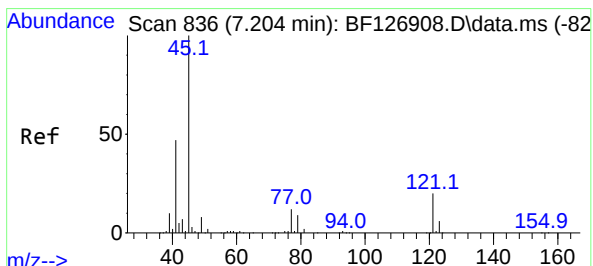
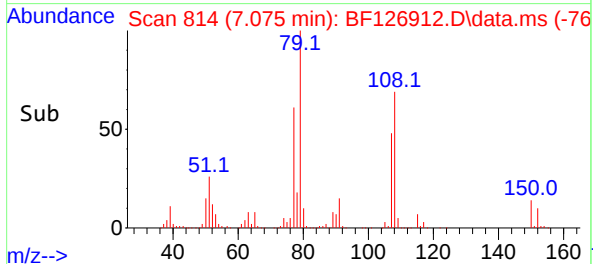
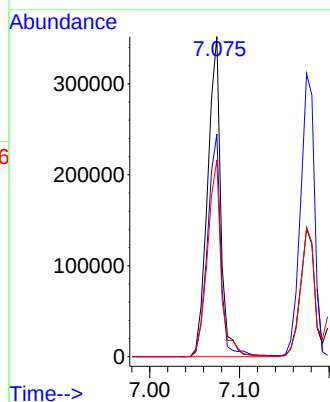
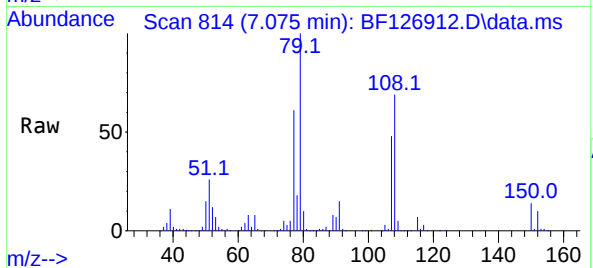




#15  
Benzyl Alcohol  
Concen: 39.727 ng  
RT: 7.075 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

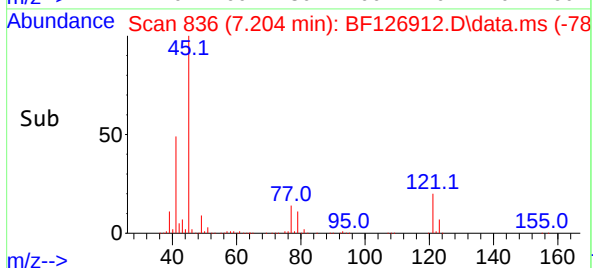
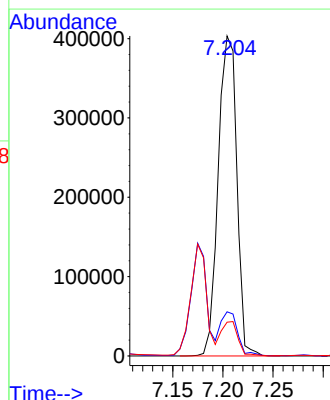
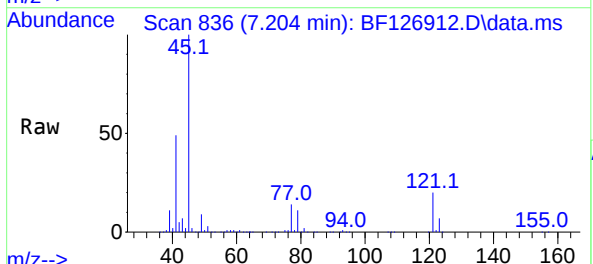
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

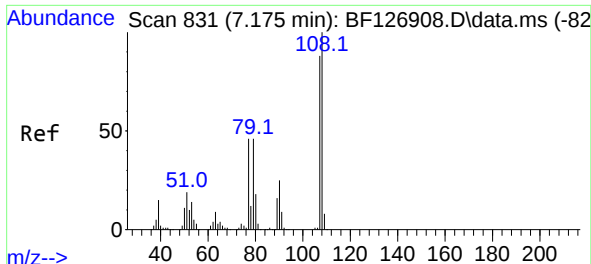
Tgt Ion: 79 Resp: 358896  
Ion Ratio Lower Upper  
79 100  
108 69.5 63.2 94.8  
77 61.5 49.4 74.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.722 ng  
RT: 7.204 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion: 45 Resp: 518186  
Ion Ratio Lower Upper  
45 100  
77 13.8 0.0 32.4  
79 10.6 0.0 29.8

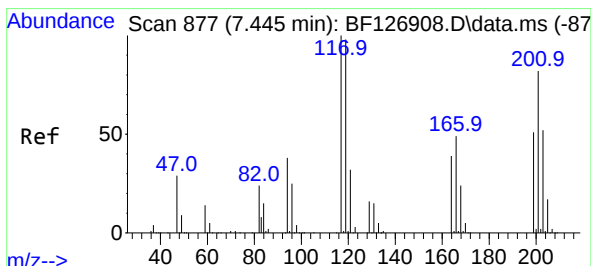
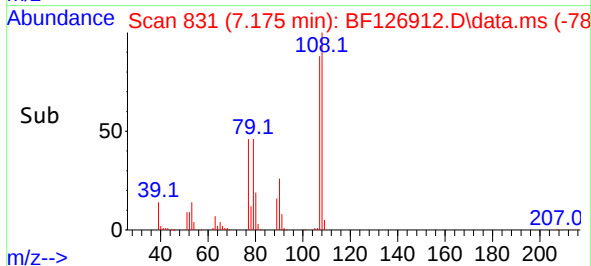
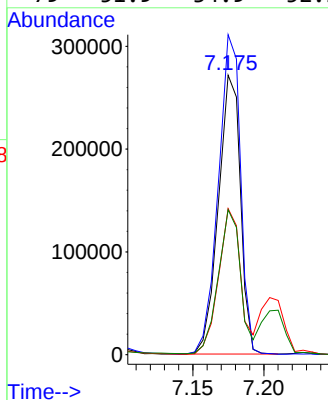
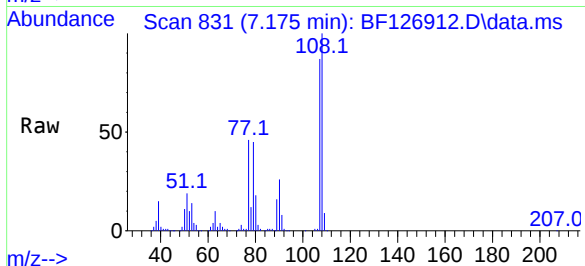




#17  
2-Methylphenol  
Concen: 39.650 ng  
RT: 7.175 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

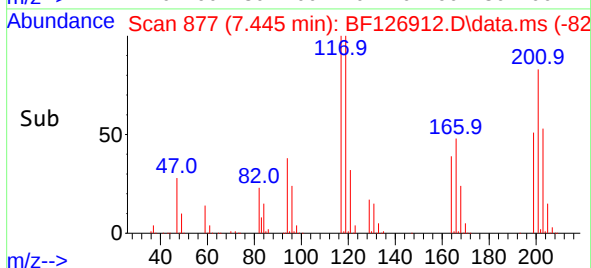
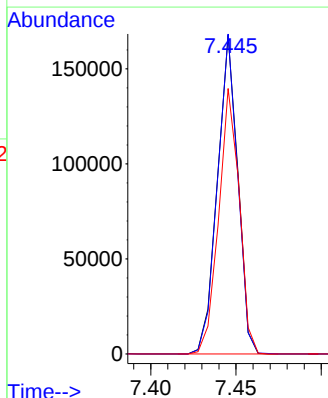
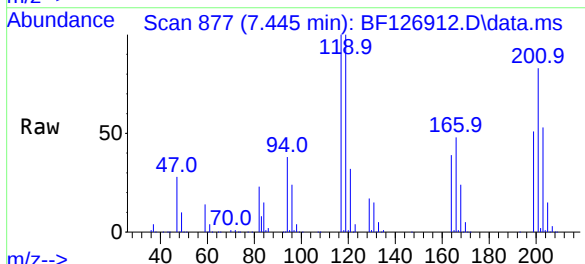
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

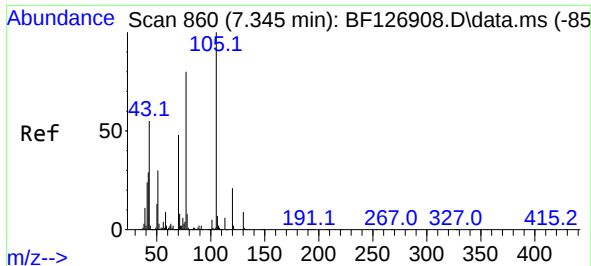
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 292511 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.5 | 93.4  | 140.0  |
| 77       | 52.3  | 36.1  | 54.1   |
| 79       | 51.9  | 34.9  | 52.3   |



#18  
Hexachloroethane  
Concen: 39.154 ng  
RT: 7.445 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 139952 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 100.4 | 75.4  | 113.0  |
| 201      | 83.3  | 56.8  | 85.2   |



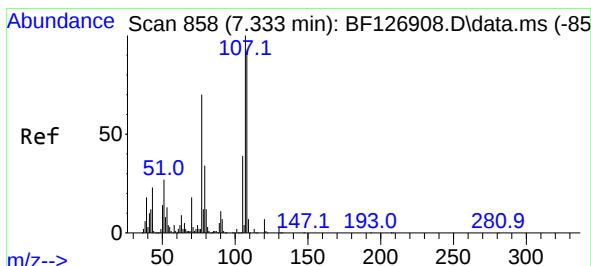
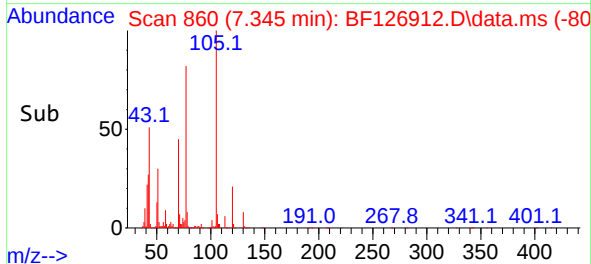
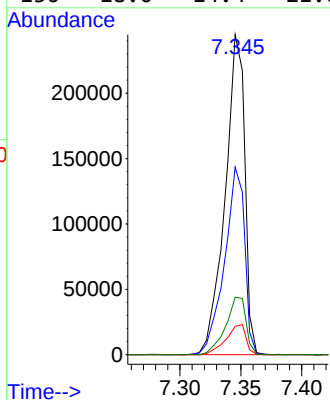
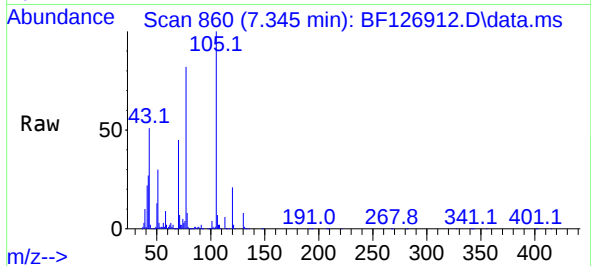


#19  
n-Nitroso-di-n-propylamine  
Concen: 39.828 ng  
RT: 7.345 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

Tgt Ion: 70 Resp: 275208

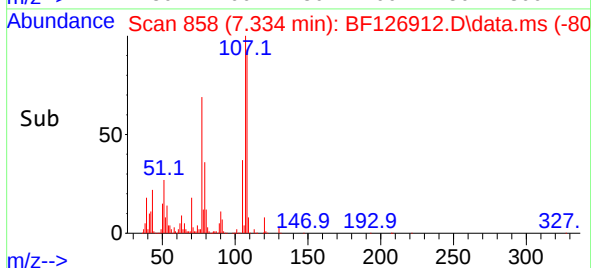
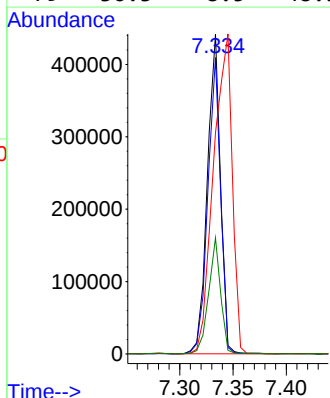
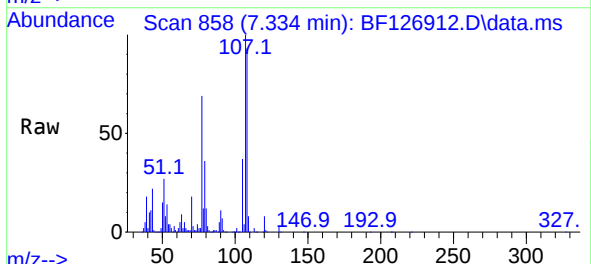
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 58.6  | 45.8  | 68.8  |
| 101 | 8.8   | 6.9   | 10.3  |
| 130 | 18.0  | 14.4  | 21.6  |

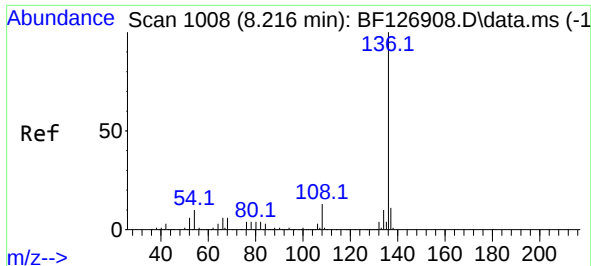


#20  
3+4-Methylphenols  
Concen: 39.572 ng  
RT: 7.334 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion: 107 Resp: 379094

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 92.7  | 72.4  | 112.4  |
| 77  | 69.1  | 83.8  | 123.8# |
| 79  | 36.3  | 8.5   | 48.5   |

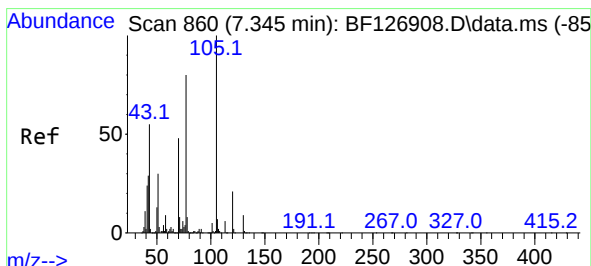
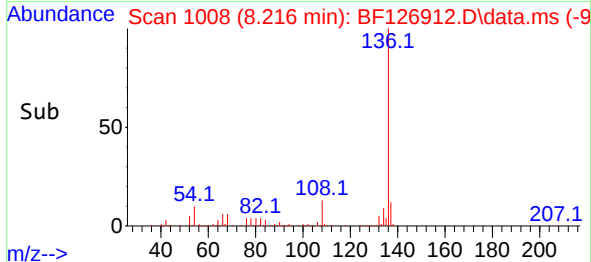
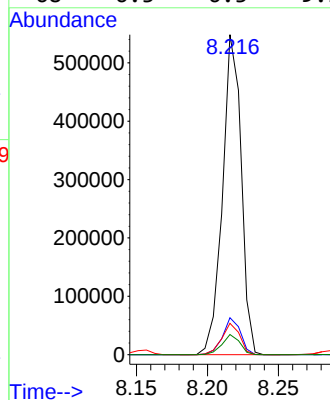
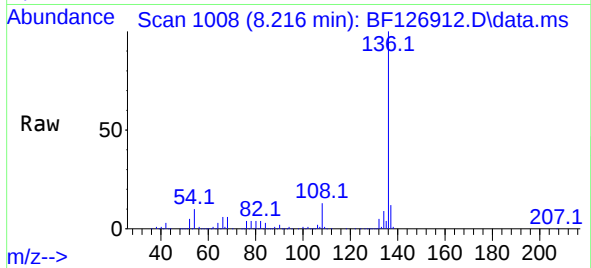




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.216 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

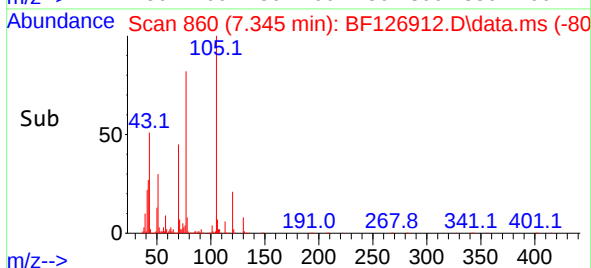
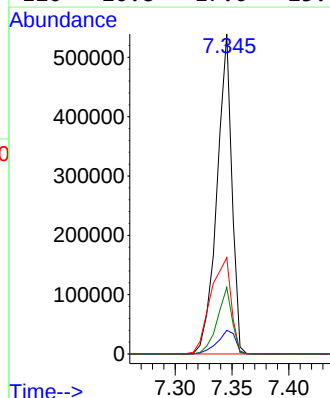
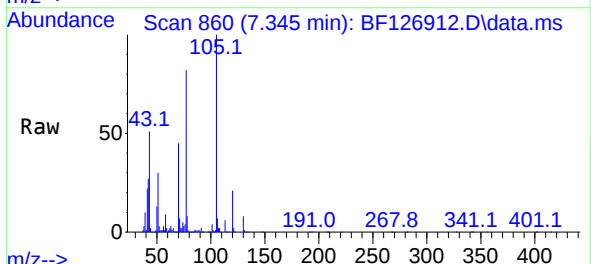
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

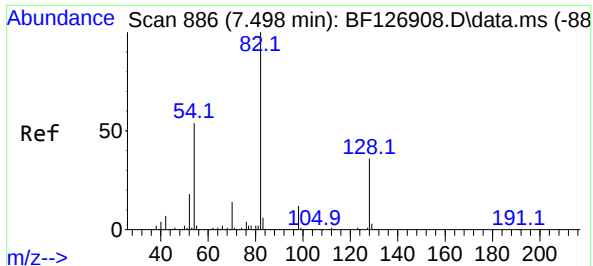
Tgt Ion:136 Resp: 500094  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.6 13.0  
54 9.8 7.8 11.6  
68 6.3 6.3 9.5#



#22  
Acetophenone  
Concen: 37.481 ng  
RT: 7.345 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:105 Resp: 493521  
Ion Ratio Lower Upper  
105 100  
71 7.4 5.4 8.0  
51 30.1 27.4 41.0  
120 20.8 17.0 25.6

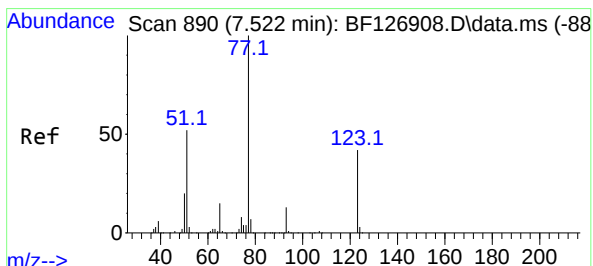
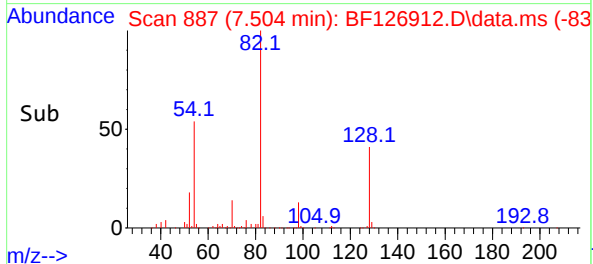
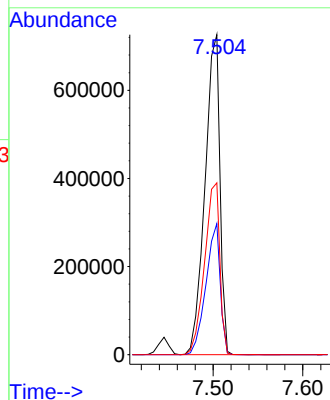
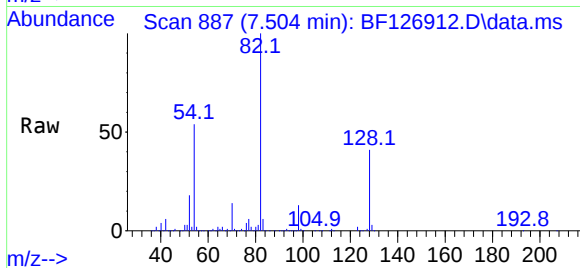




#23  
Nitrobenzene-d5  
Concen: 75.740 ng  
RT: 7.504 min Scan# 886  
Delta R.T. 0.006 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

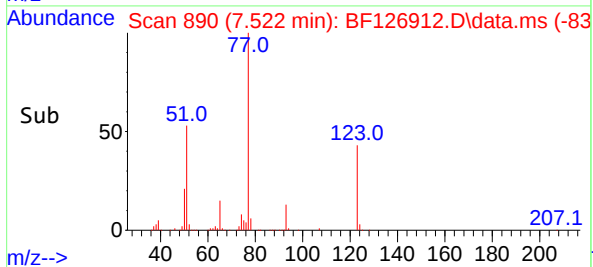
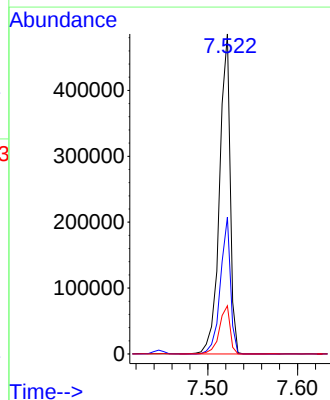
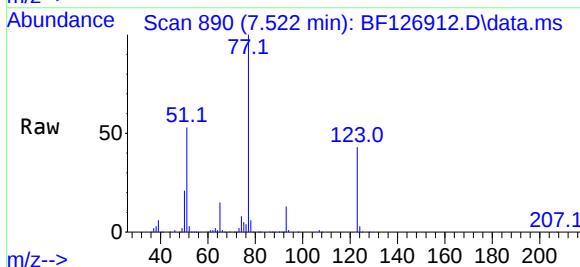
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

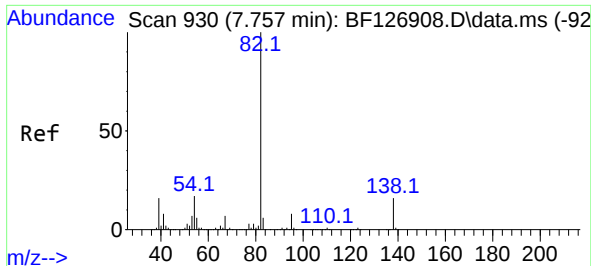
Tgt Ion: 82 Resp: 839156  
Ion Ratio Lower Upper  
82 100  
128 40.9 32.7 49.1  
54 53.7 41.7 62.5



#24  
Nitrobenzene  
Concen: 38.258 ng  
RT: 7.522 min Scan# 890  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion: 77 Resp: 400429  
Ion Ratio Lower Upper  
77 100  
123 42.7 34.6 52.0  
65 15.0 10.6 15.8

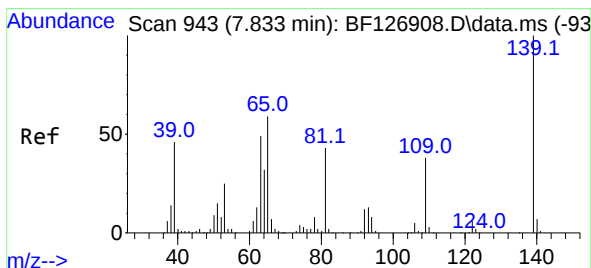
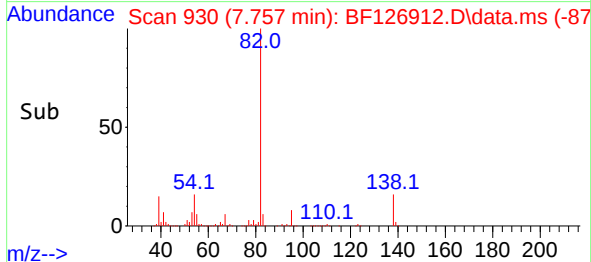
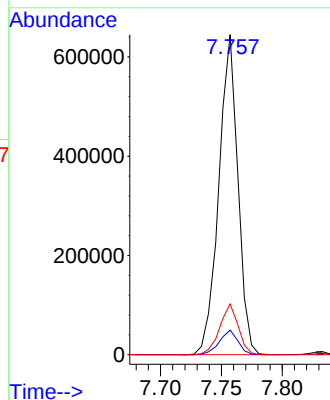
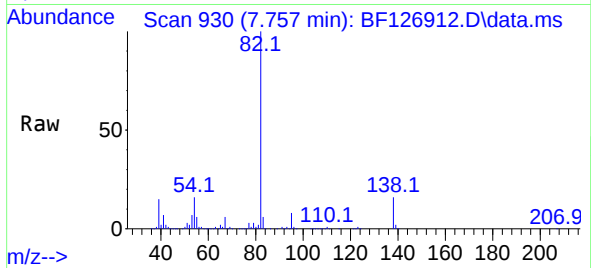




#25  
Isophorone  
Concen: 38.418 ng  
RT: 7.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

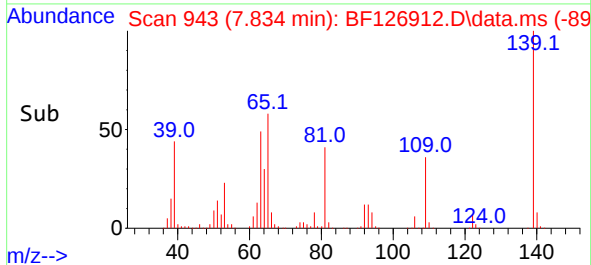
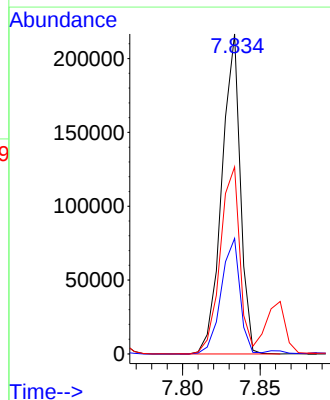
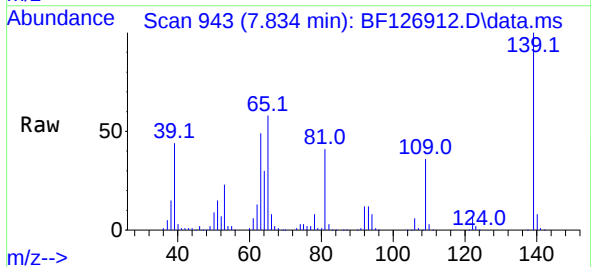
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

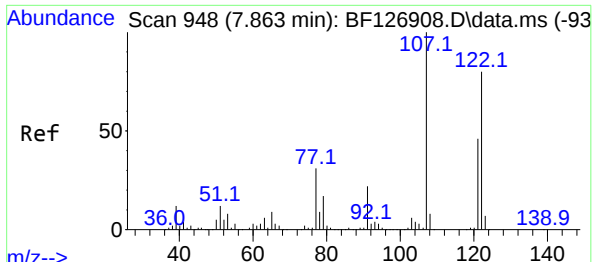
Tgt Ion: 82 Resp: 704332  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.0 7.4#  
138 15.9 12.3 18.5



#26  
2-Nitrophenol  
Concen: 40.394 ng  
RT: 7.834 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:139 Resp: 180006  
Ion Ratio Lower Upper  
139 100  
109 36.1 20.0 30.0#  
65 58.5 40.8 61.2

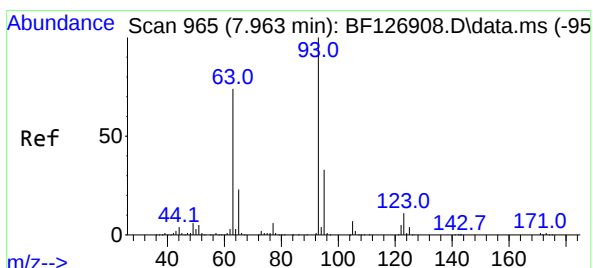
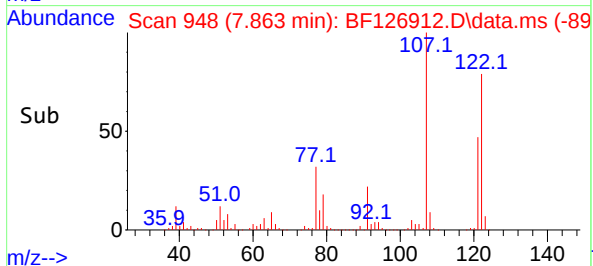
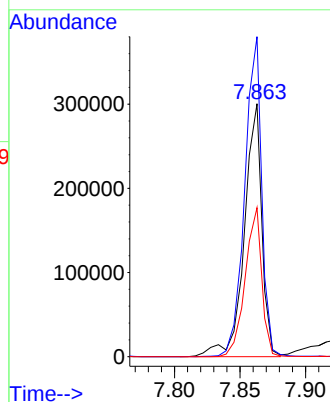
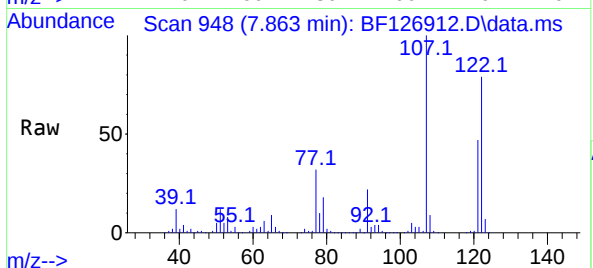




#27  
2,4-Dimethylphenol  
Concen: 38.280 ng  
RT: 7.863 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

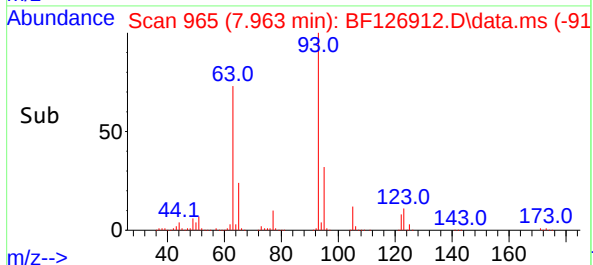
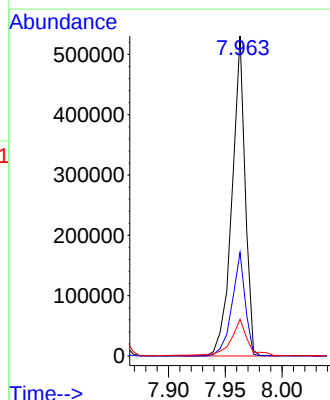
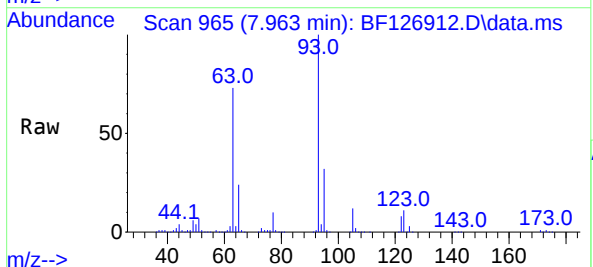
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

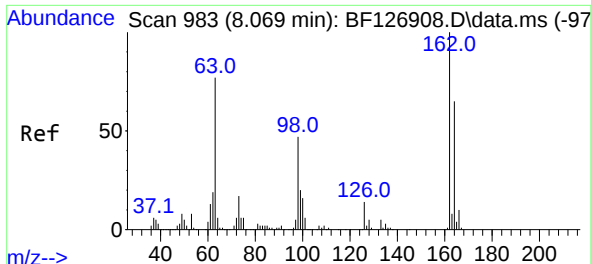
Tgt Ion:122 Resp: 280236  
Ion Ratio Lower Upper  
122 100  
107 126.5 91.2 136.8  
121 58.9 44.4 66.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.422 ng  
RT: 7.963 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion: 93 Resp: 427043  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.4 38.2  
123 11.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 38.614 ng

RT: 8.069 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF126912.D

Acq: 16 Feb 2022 14:39

Instrument :

BNA\_F

ClientSampleId :

ICVBF021622

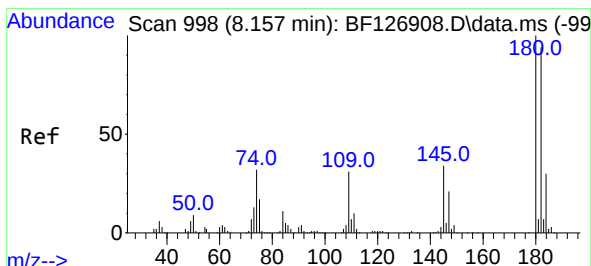
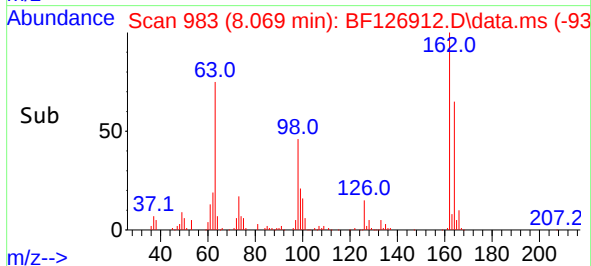
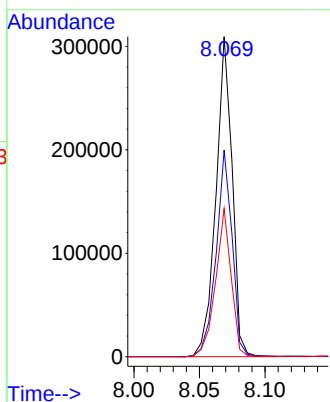
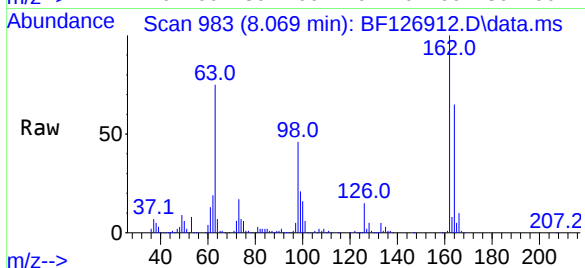
Tgt Ion:162 Resp: 265768

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

98 46.3 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 38.125 ng

RT: 8.157 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF126912.D

Acq: 16 Feb 2022 14:39

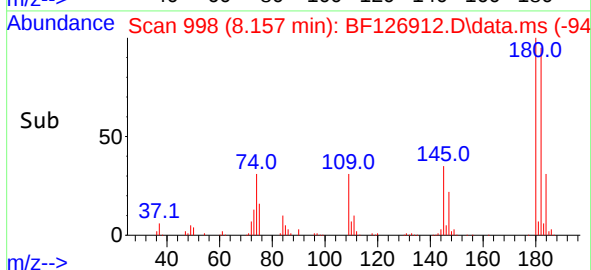
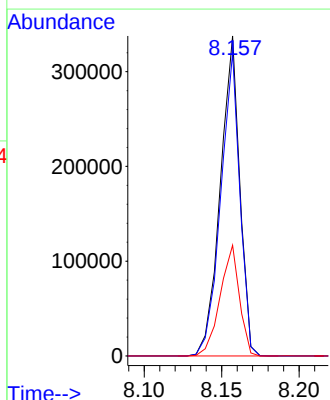
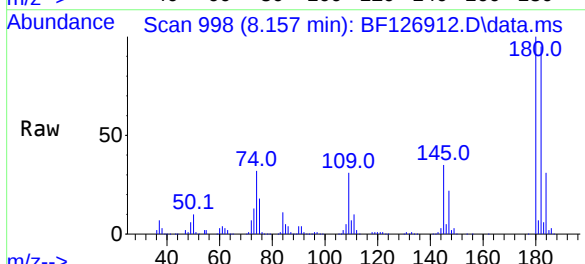
Tgt Ion:180 Resp: 293367

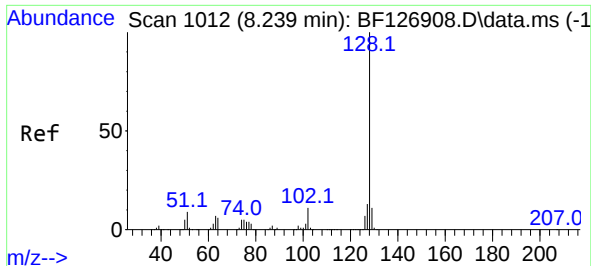
Ion Ratio Lower Upper

180 100

182 94.8 75.5 113.3

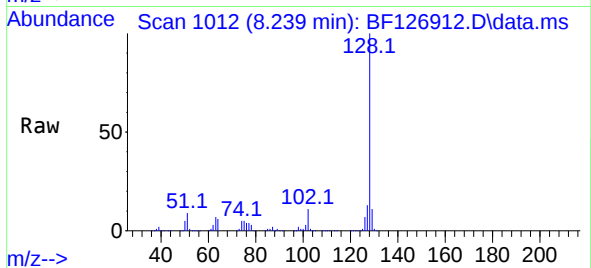
145 34.6 26.2 39.2



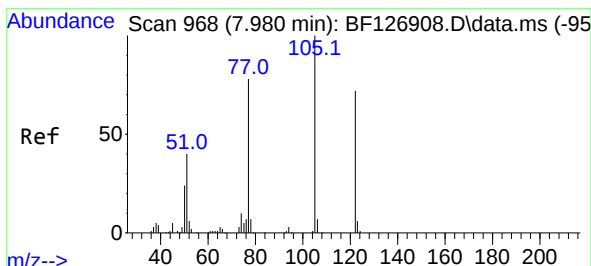
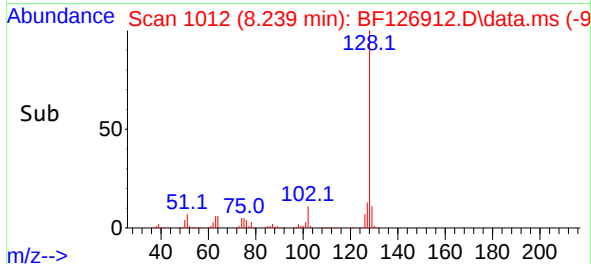
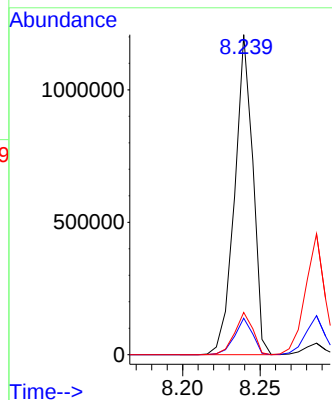


#31  
Naphthalene  
Concen: 37.782 ng  
RT: 8.239 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

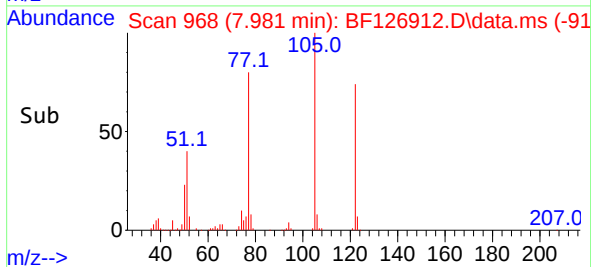
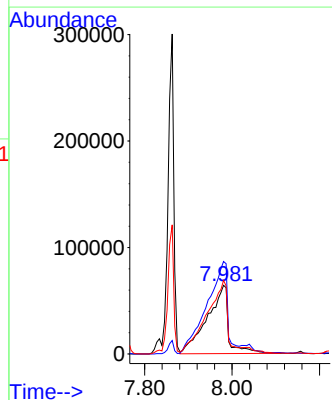
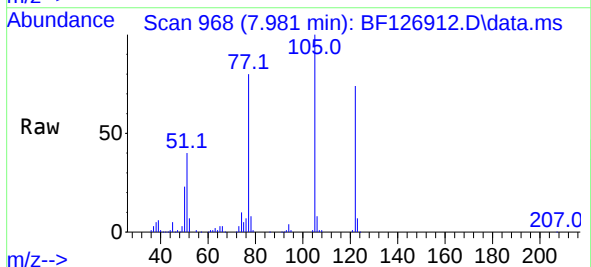


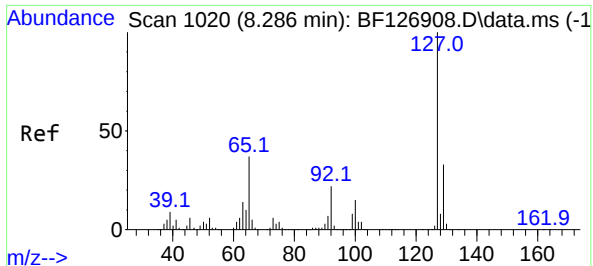
Tgt Ion:128 Resp: 986337  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.6 13.0  
127 13.2 10.3 15.5



#32  
Benzoic acid  
Concen: 42.314 ng  
RT: 7.981 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:122 Resp: 219688  
Ion Ratio Lower Upper  
122 100  
105 134.9 101.0 141.0  
77 107.4 74.5 114.5



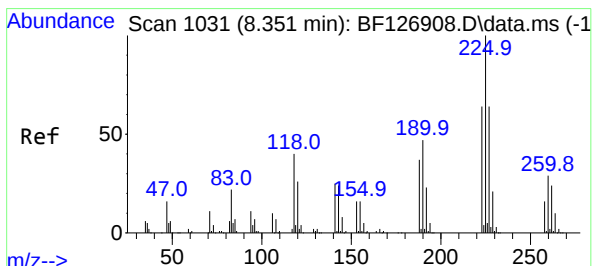
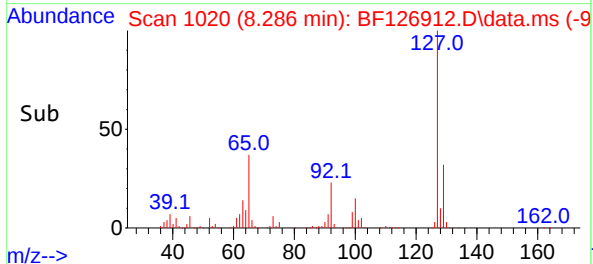
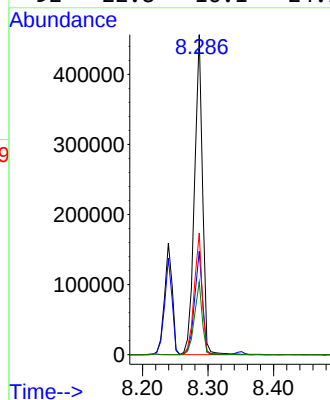
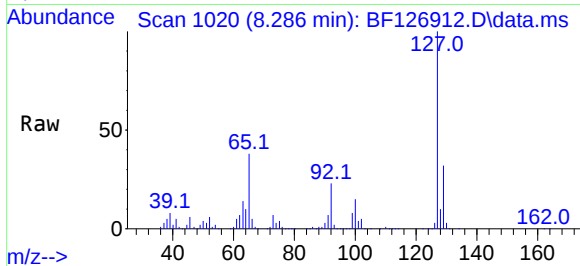


#33  
4-Chloroaniline  
Concen: 38.061 ng  
RT: 8.286 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

Tgt Ion:127 Resp: 391097

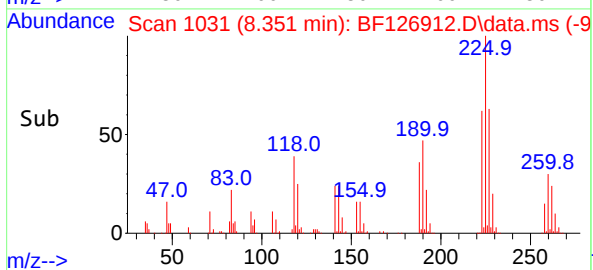
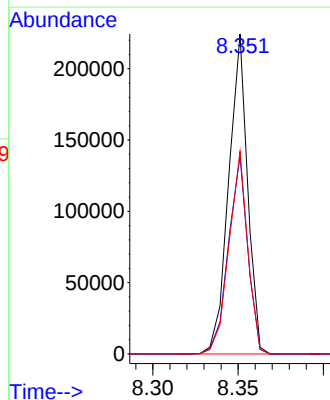
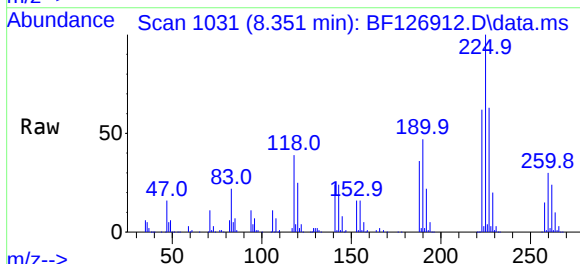
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.3  | 26.5  | 39.7  |
| 65  | 38.0  | 26.6  | 39.8  |
| 92  | 22.8  | 16.1  | 24.1  |

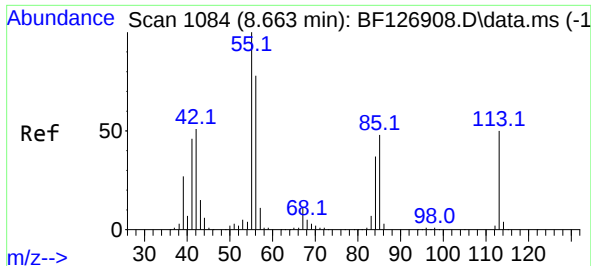


#34  
Hexachlorobutadiene  
Concen: 38.400 ng  
RT: 8.351 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:225 Resp: 172507

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 61.9  | 48.6  | 73.0  |
| 227 | 63.4  | 51.4  | 77.0  |

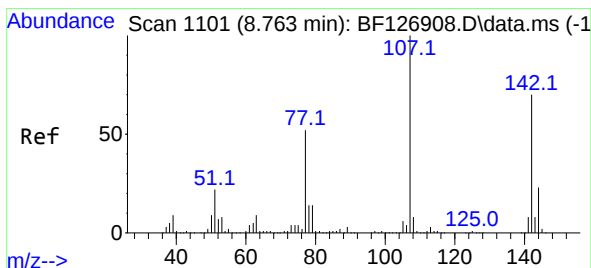
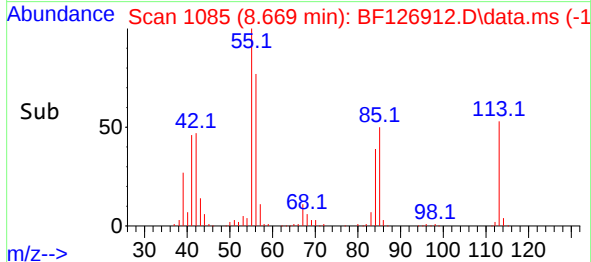
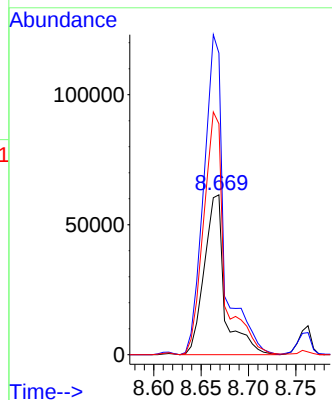
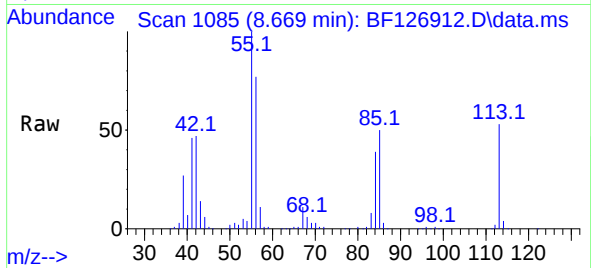




#35  
 Caprolactam  
 Concen: 38.825 ng  
 RT: 8.669 min Scan# 1084  
 Delta R.T. 0.006 min  
 Lab File: BF126912.D  
 Acq: 16 Feb 2022 14:39

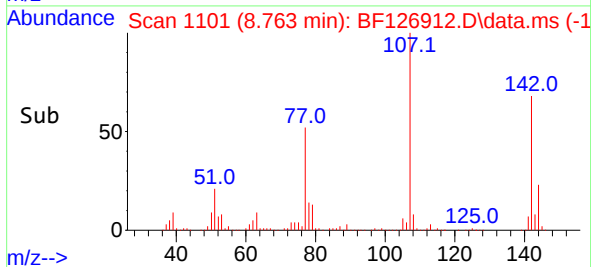
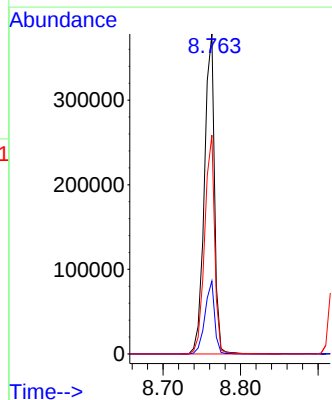
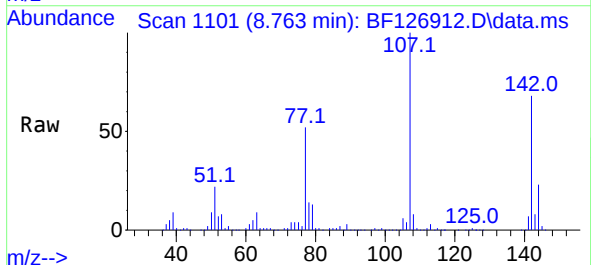
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF021622

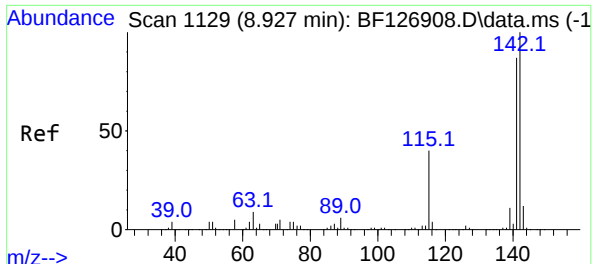
Tgt Ion:113 Resp: 93315  
 Ion Ratio Lower Upper  
 113 100  
 55 188.8 183.9 223.9  
 56 144.4 129.9 169.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.969 ng  
 RT: 8.763 min Scan# 1101  
 Delta R.T. 0.000 min  
 Lab File: BF126912.D  
 Acq: 16 Feb 2022 14:39

Tgt Ion:107 Resp: 342778  
 Ion Ratio Lower Upper  
 107 100  
 144 22.8 18.5 27.7  
 142 68.3 58.1 87.1

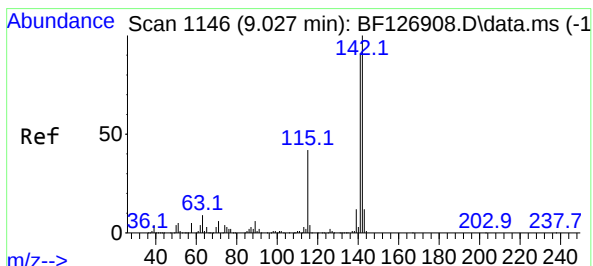
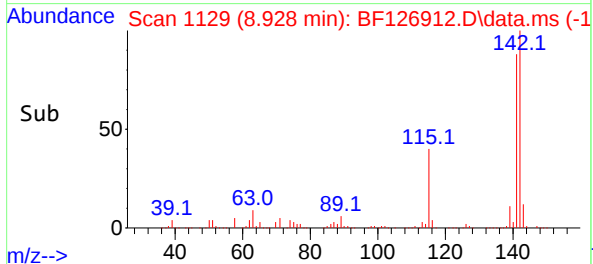
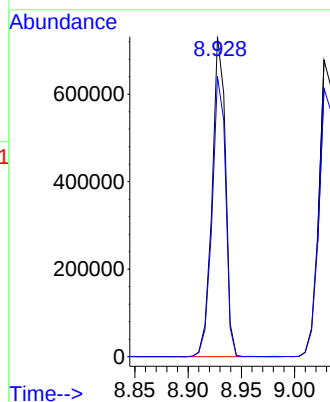
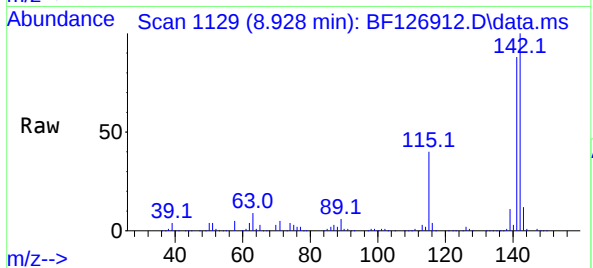




#37  
2-Methylnaphthalene  
Concen: 37.672 ng  
RT: 8.928 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

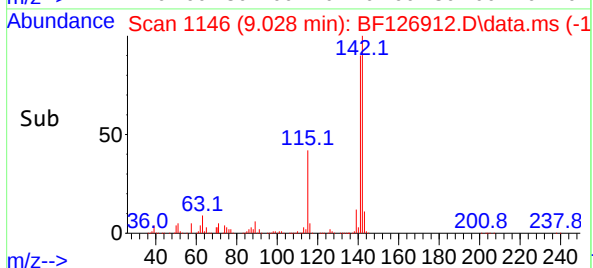
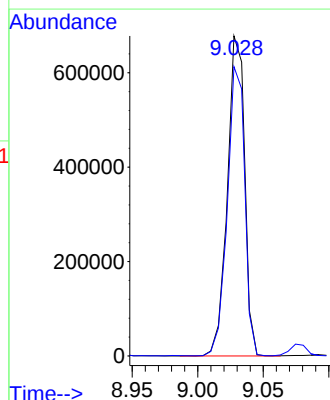
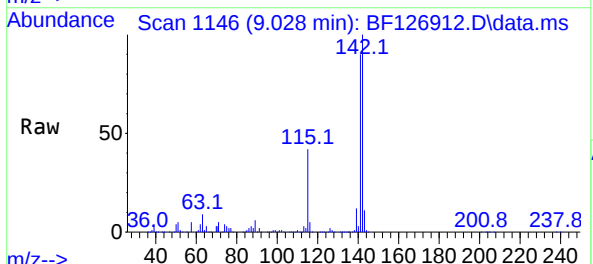
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

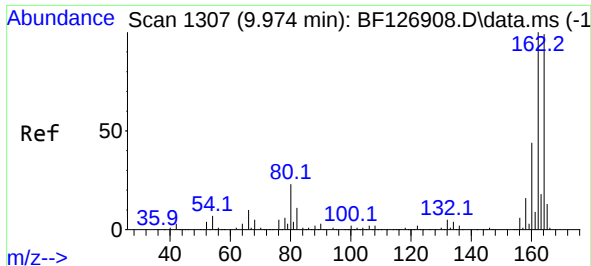
Tgt Ion:142 Resp: 638138  
Ion Ratio Lower Upper  
142 100  
141 87.5 68.6 102.8



#38  
1-Methylnaphthalene  
Concen: 38.284 ng  
RT: 9.028 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

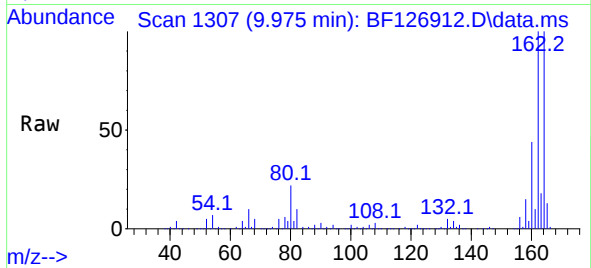
Tgt Ion:142 Resp: 621012  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.1 108.1



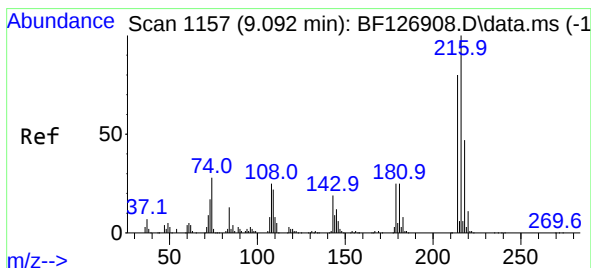
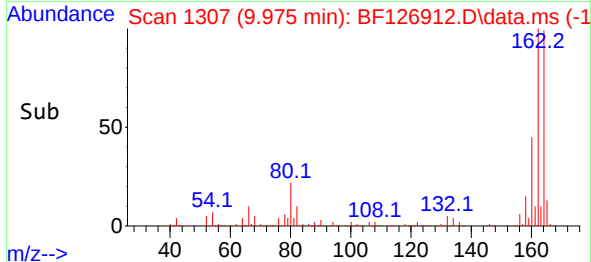
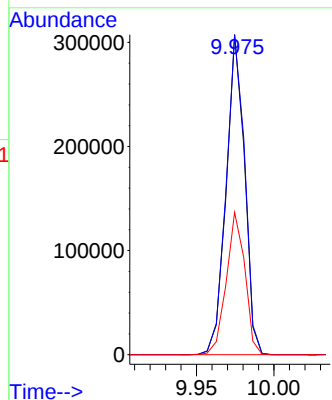


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.975 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

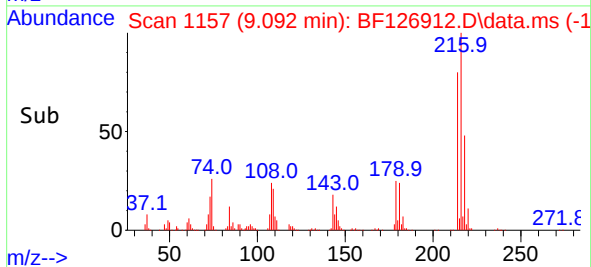
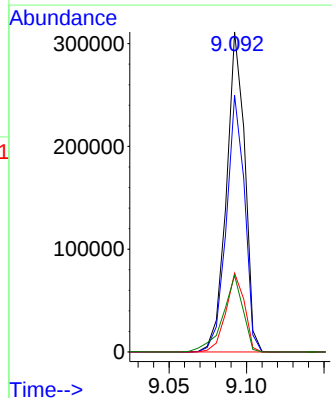
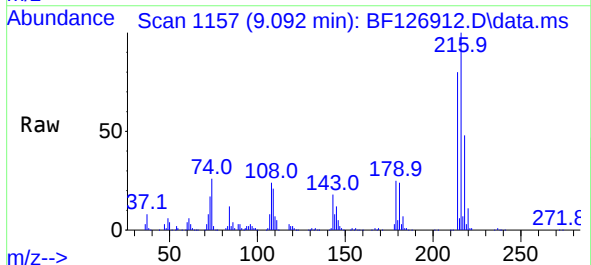


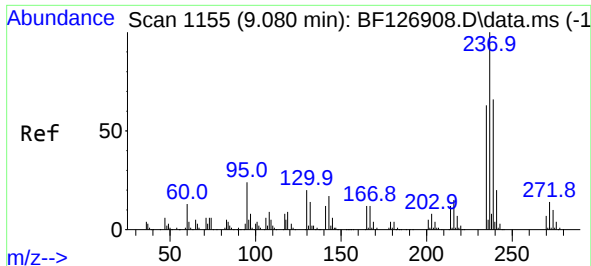
Tgt Ion:164 Resp: 252741  
Ion Ratio Lower Upper  
164 100  
162 99.9 81.4 122.0  
160 44.5 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.524 ng  
RT: 9.092 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:216 Resp: 256304  
Ion Ratio Lower Upper  
216 100  
214 79.7 64.6 96.8  
179 24.9 19.5 29.3  
108 25.9 21.1 31.7

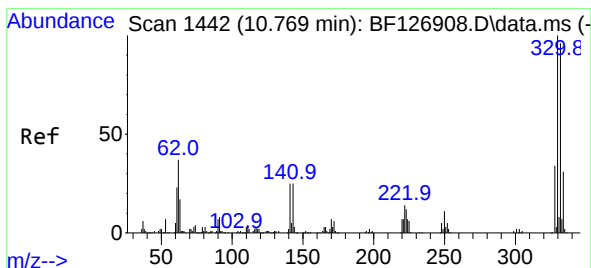
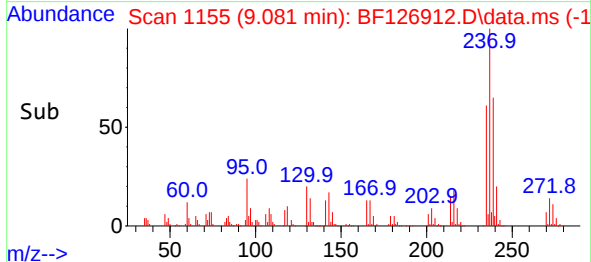
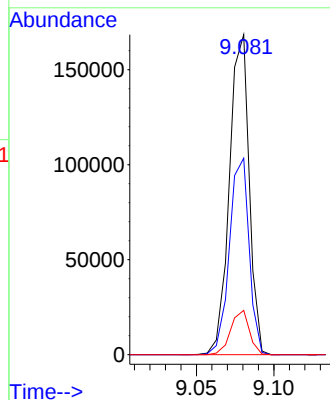
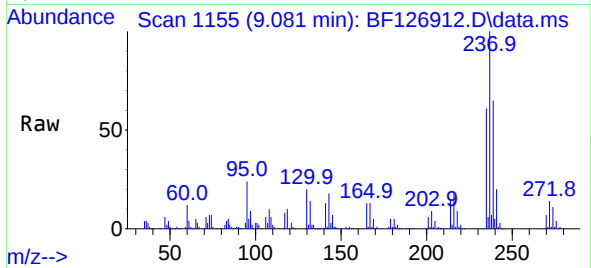




#41  
Hexachlorocyclopentadiene  
Concen: 41.375 ng  
RT: 9.081 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

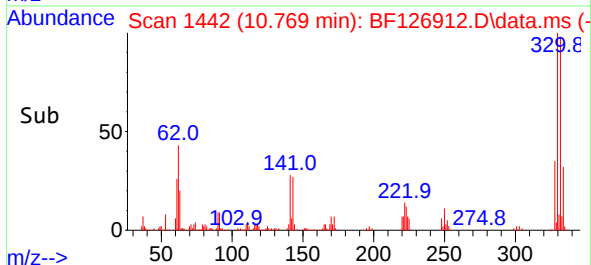
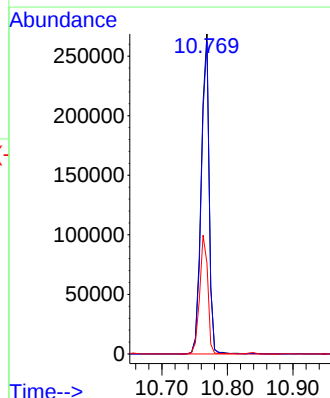
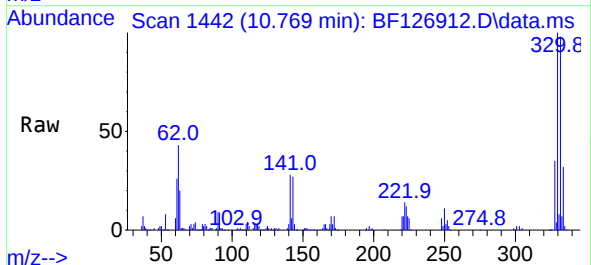
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

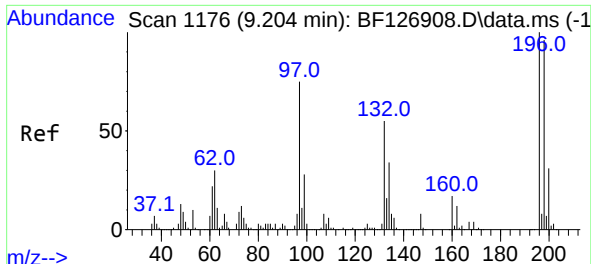
Tgt Ion:237 Resp: 149297  
Ion Ratio Lower Upper  
237 100  
235 61.4 38.9 78.9  
272 13.8 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 77.643 ng  
RT: 10.769 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:330 Resp: 225940  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.0 114.0  
141 37.8 30.1 45.1

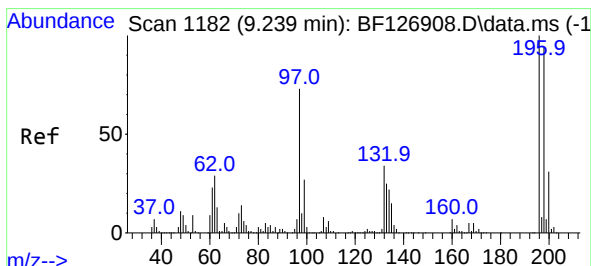
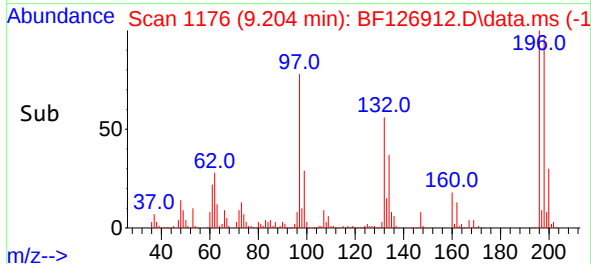
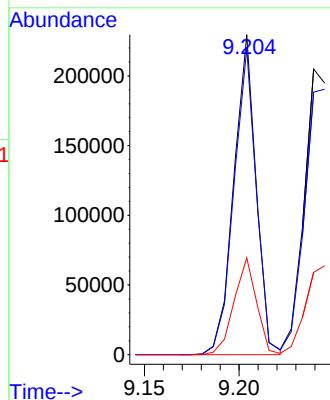
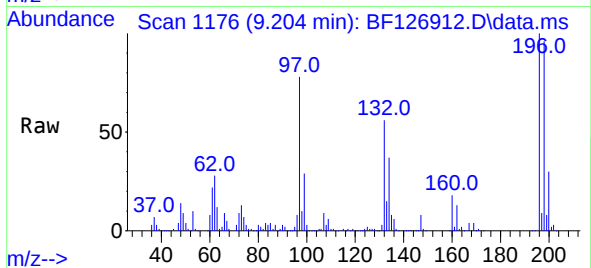




#43  
2,4,6-Trichlorophenol  
Concen: 38.514 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

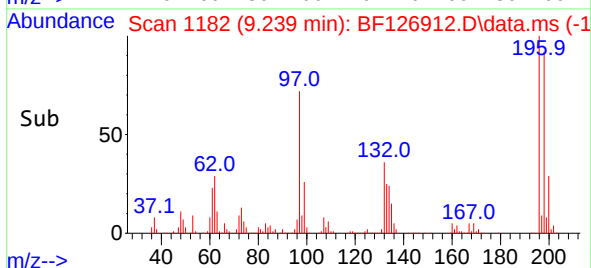
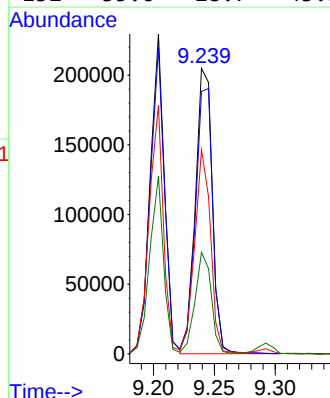
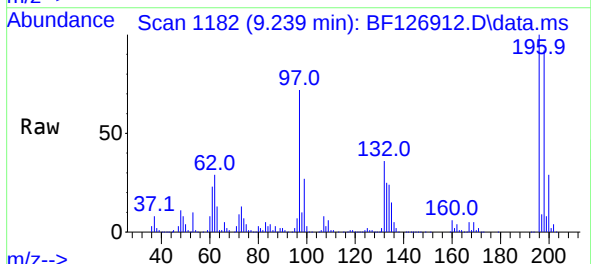
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

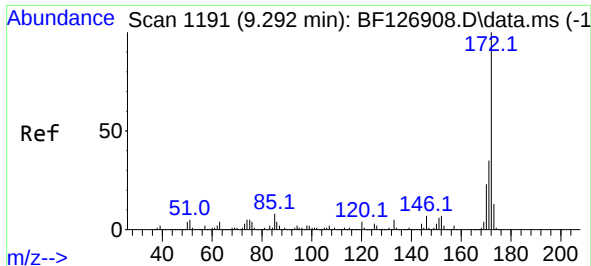
Tgt Ion:196 Resp: 187931  
Ion Ratio Lower Upper  
196 100  
198 95.7 78.5 117.7  
200 30.3 24.9 37.3



#44  
2,4,5-Trichlorophenol  
Concen: 38.820 ng  
RT: 9.239 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:196 Resp: 199336  
Ion Ratio Lower Upper  
196 100  
198 91.9 82.0 123.0  
97 71.5 53.5 80.3  
132 35.6 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 75.179 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126912.D

Acq: 16 Feb 2022 14:39

Instrument :

BNA\_F

ClientSampleId :

ICVBF021622

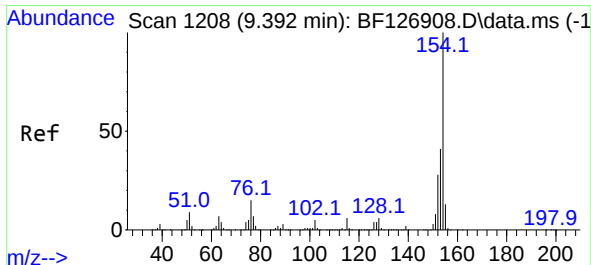
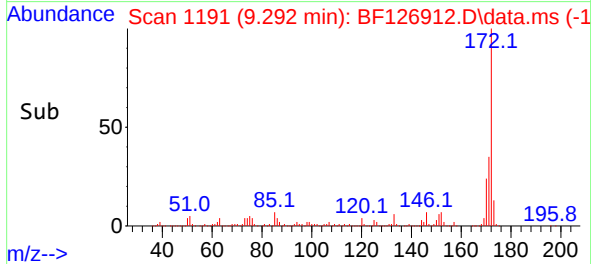
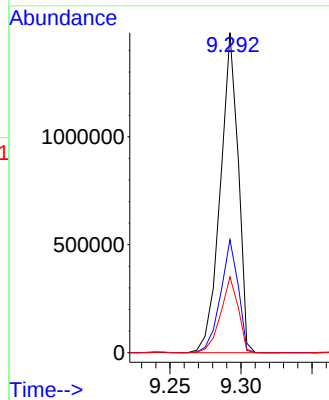
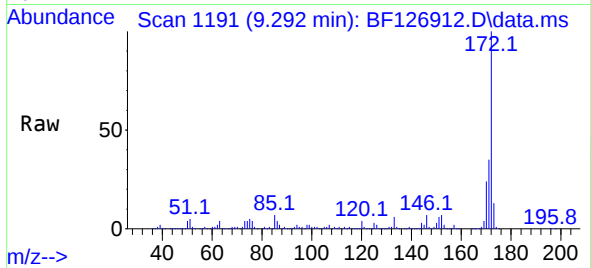
Tgt Ion:172 Resp: 1290676

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 37.940 ng

RT: 9.392 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF126912.D

Acq: 16 Feb 2022 14:39

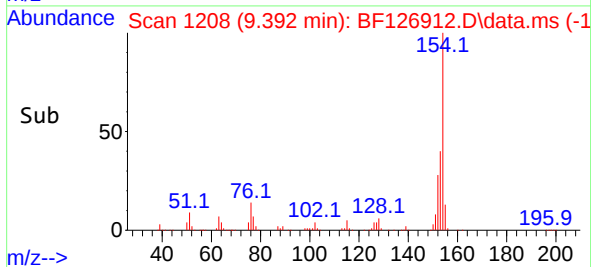
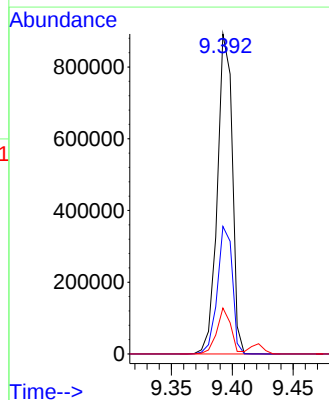
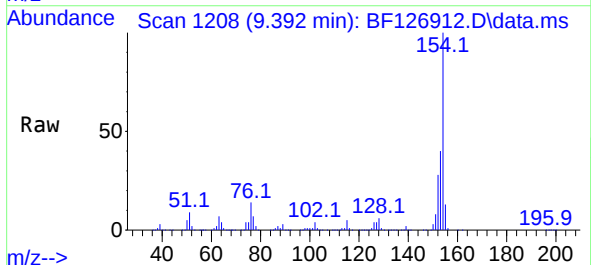
Tgt Ion:154 Resp: 759716

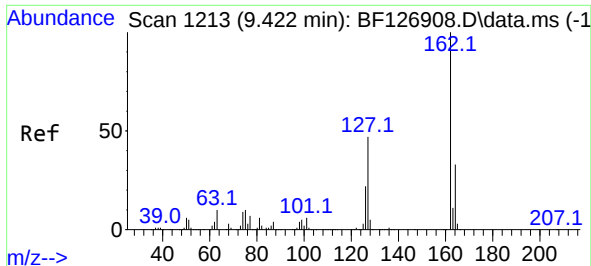
Ion Ratio Lower Upper

154 100

153 39.9 19.0 59.0

76 14.3 0.0 34.5

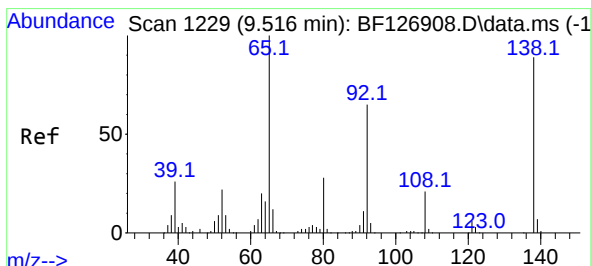
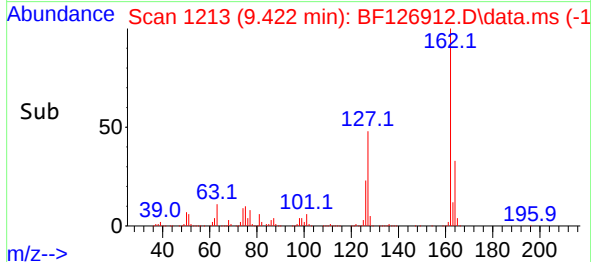
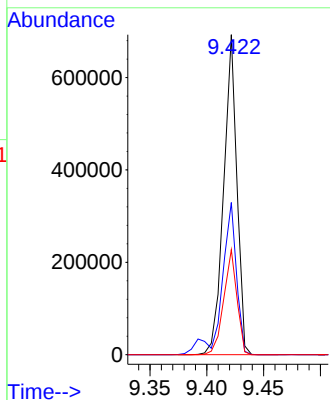
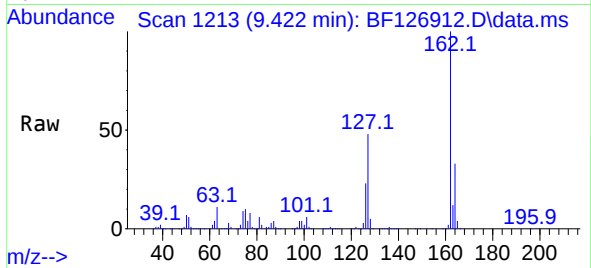




#47  
2-Chloronaphthalene  
Concen: 37.958 ng  
RT: 9.422 min Scan# 1213  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

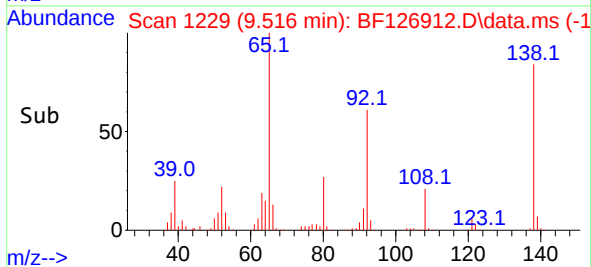
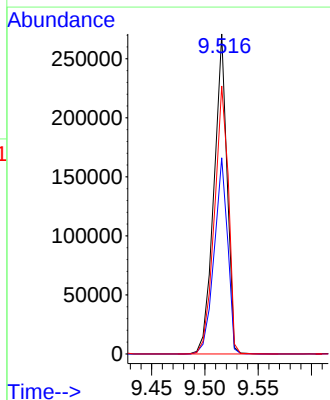
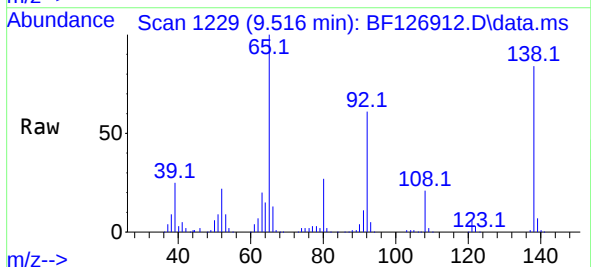
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

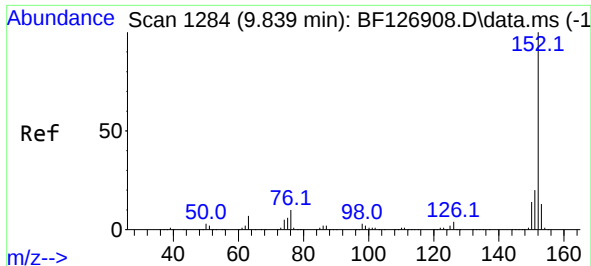
Tgt Ion:162 Resp: 563649  
Ion Ratio Lower Upper  
162 100  
127 47.6 33.5 50.3  
164 32.8 26.2 39.4



#48  
2-Nitroaniline  
Concen: 39.554 ng  
RT: 9.516 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion: 65 Resp: 231776  
Ion Ratio Lower Upper  
65 100  
92 61.3 54.4 81.6  
138 83.8 72.5 108.7





#49

Acenaphthylene

Concen: 38.375 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF126912.D

Acq: 16 Feb 2022 14:39

Instrument :

BNA\_F

ClientSampleId :

ICVBF021622

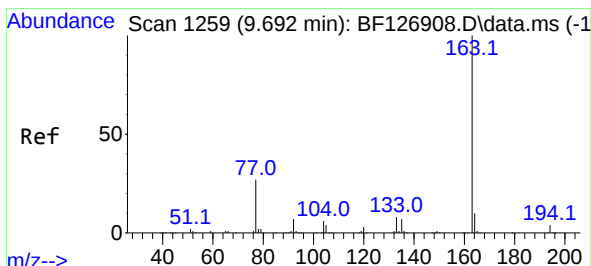
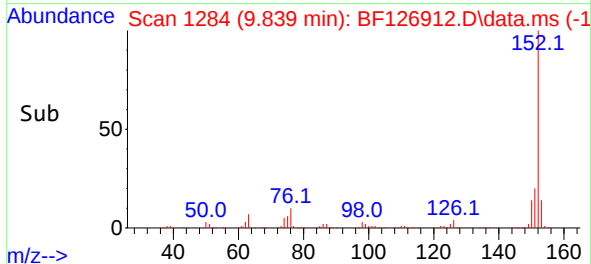
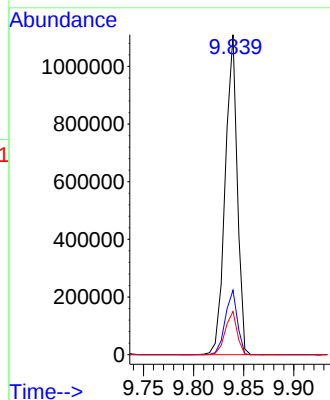
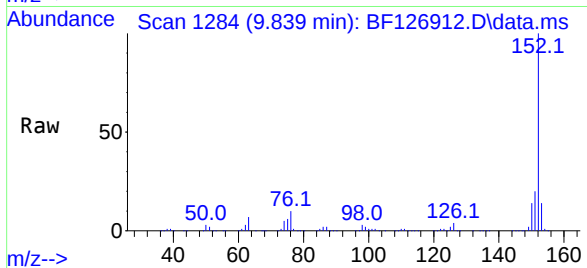
Tgt Ion:152 Resp: 925628

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

153 13.5 11.4 17.0



#50

Dimethylphthalate

Concen: 38.564 ng

RT: 9.698 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BF126912.D

Acq: 16 Feb 2022 14:39

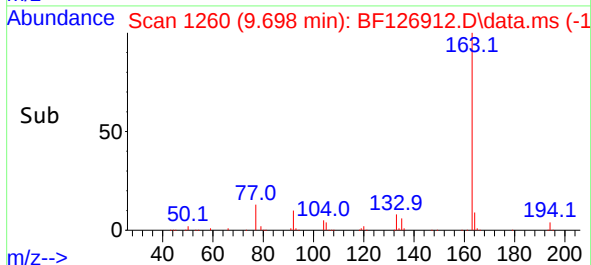
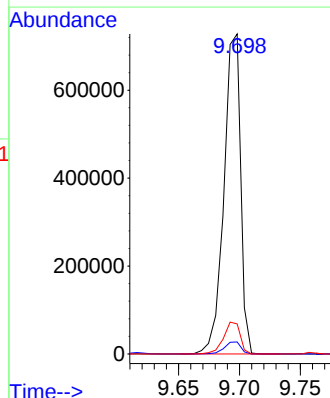
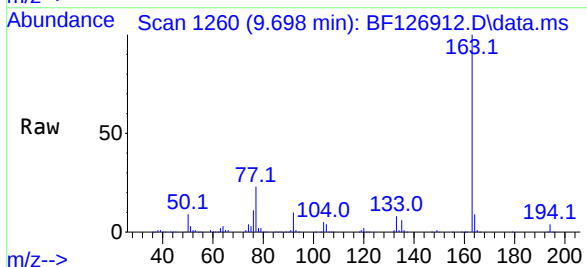
Tgt Ion:163 Resp: 696683

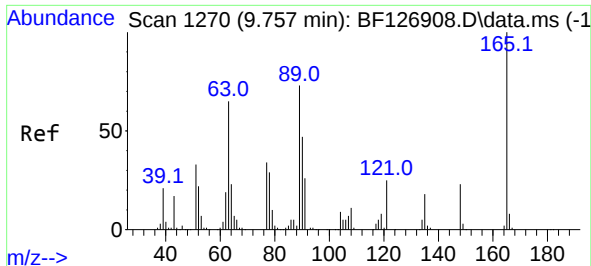
Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

164 9.4 7.8 11.8

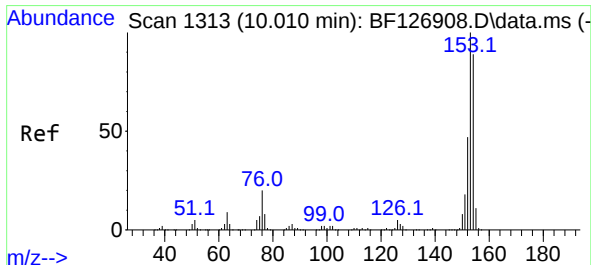
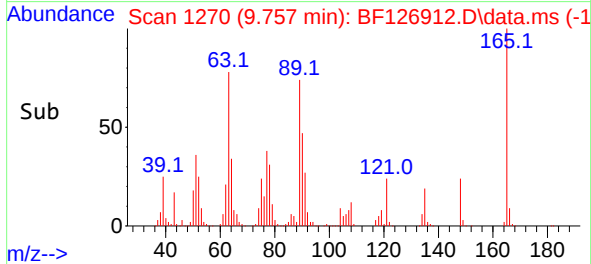
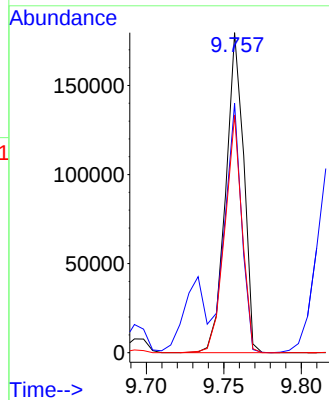
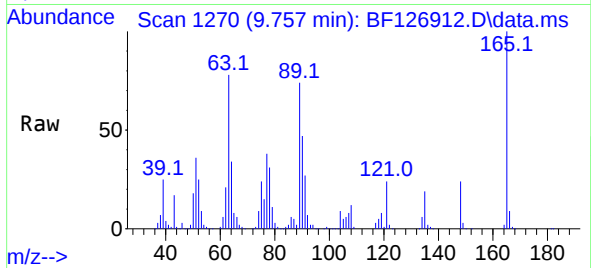




#51  
2,6-Dinitrotoluene  
Concen: 39.175 ng  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

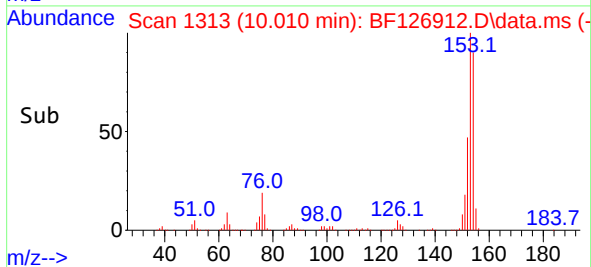
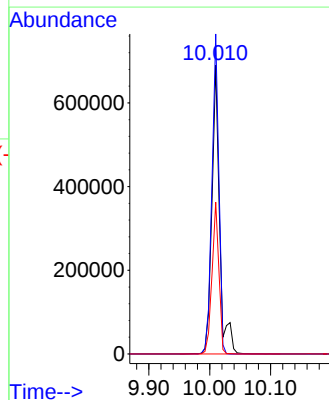
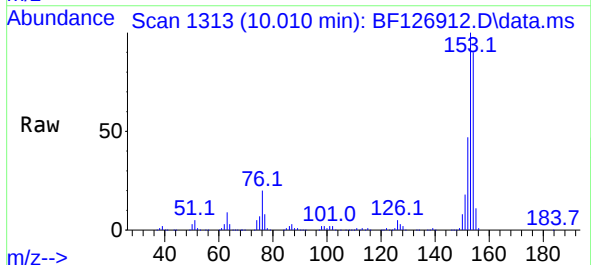
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

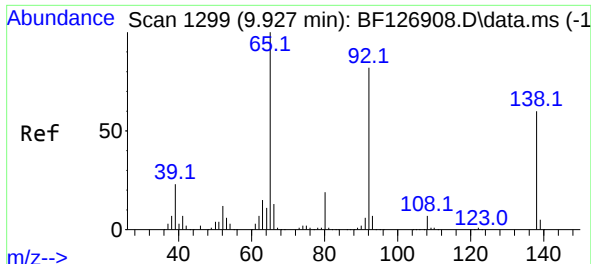
Tgt Ion:165 Resp: 143989  
Ion Ratio Lower Upper  
165 100  
63 77.9 48.4 72.6#  
89 74.3 50.5 75.7



#52  
Acenaphthene  
Concen: 39.009 ng  
RT: 10.010 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:154 Resp: 611919  
Ion Ratio Lower Upper  
154 100  
153 110.8 87.8 131.6  
152 52.6 39.4 59.2

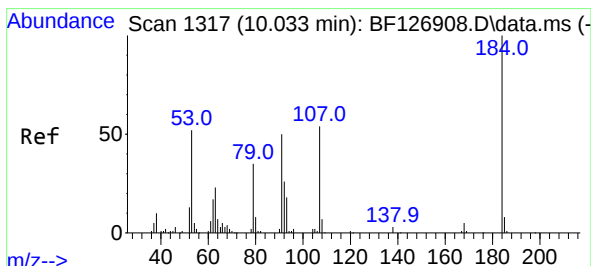
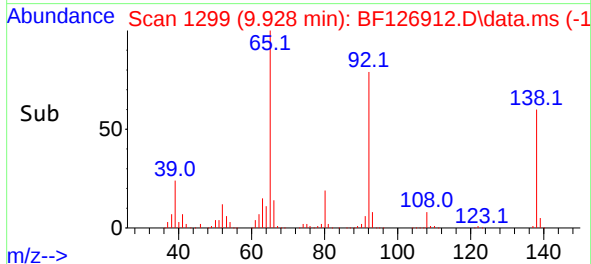
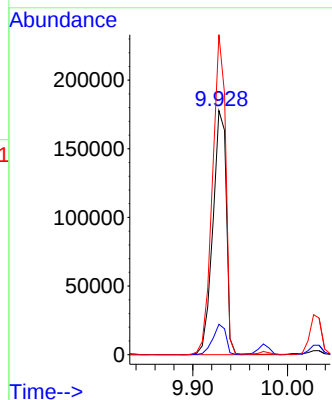
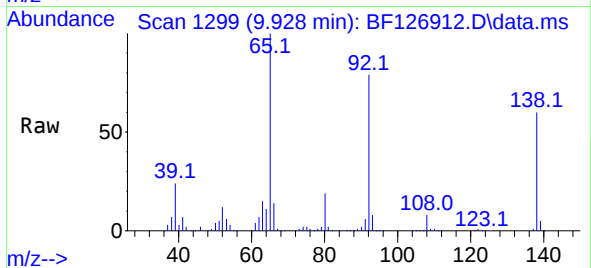




#53  
3-Nitroaniline  
Concen: 39.092 ng  
RT: 9.928 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

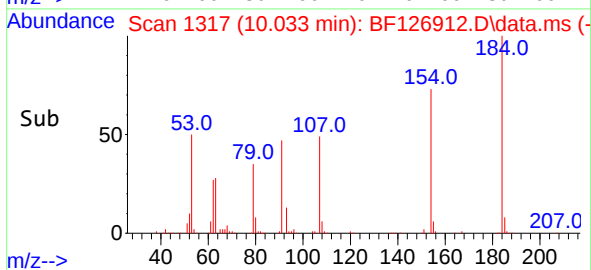
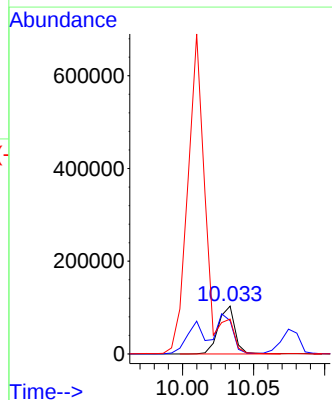
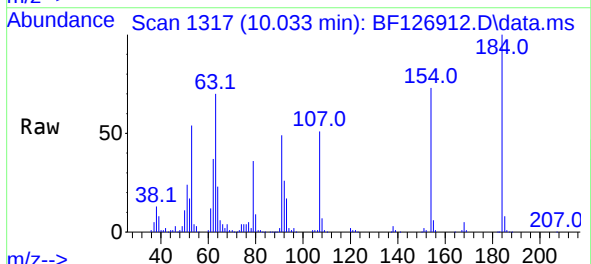
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

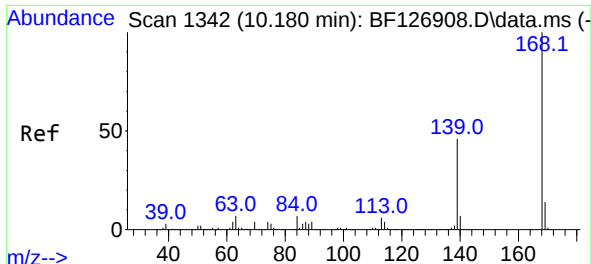
Tgt Ion:138 Resp: 175636  
Ion Ratio Lower Upper  
138 100  
108 12.5 8.6 13.0  
92 131.1 105.0 157.6



#54  
2,4-Dinitrophenol  
Concen: 43.113 ng  
RT: 10.033 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:184 Resp: 83873  
Ion Ratio Lower Upper  
184 100  
63 69.6 70.4 105.6#  
154 72.9 49.7 74.5

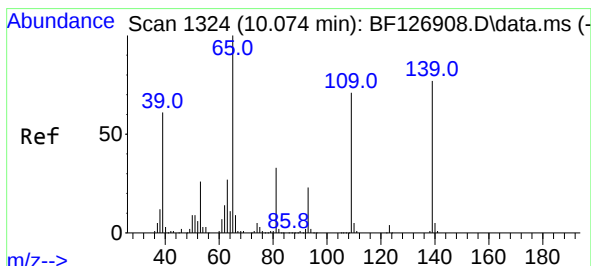
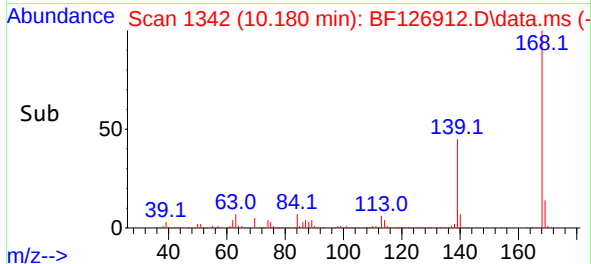
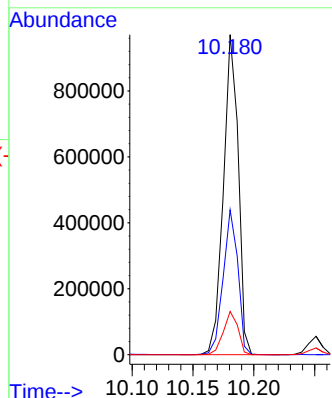
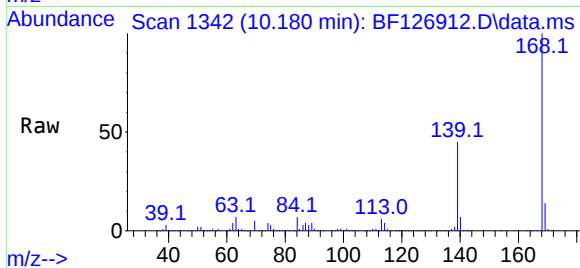




#55  
Dibenzofuran  
Concen: 38.232 ng  
RT: 10.180 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

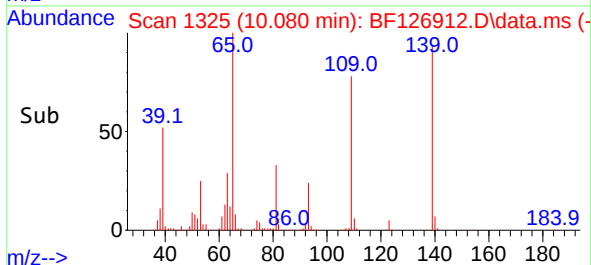
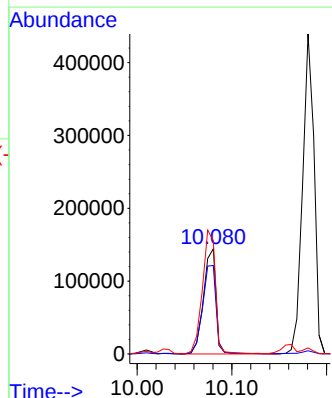
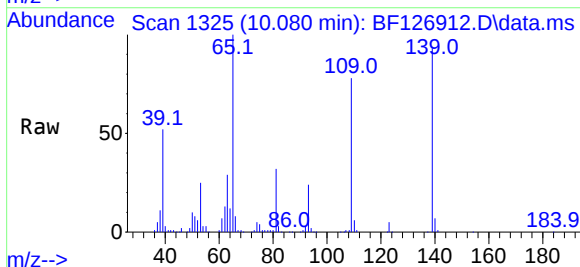
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

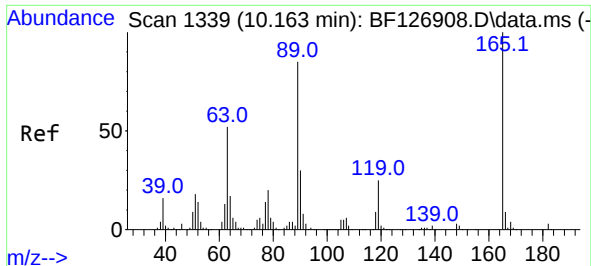
Tgt Ion:168 Resp: 824676  
Ion Ratio Lower Upper  
168 100  
139 45.3 30.6 46.0  
169 13.5 10.0 15.0



#56  
4-Nitrophenol  
Concen: 40.290 ng  
RT: 10.080 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

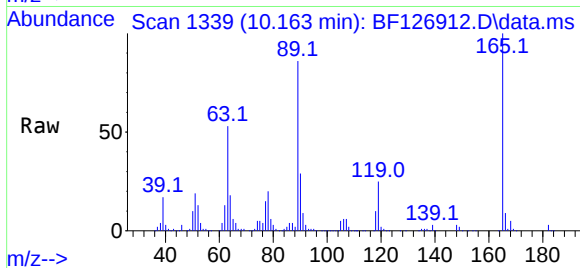
Tgt Ion:139 Resp: 133695  
Ion Ratio Lower Upper  
139 100  
109 84.3 44.1 84.1#  
65 107.9 85.5 125.5



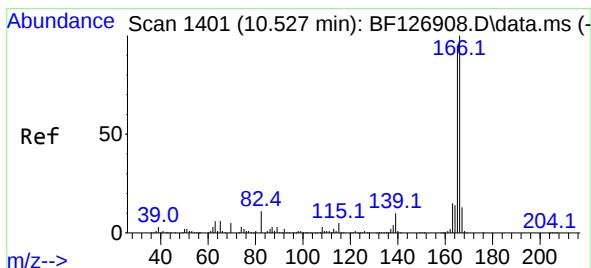
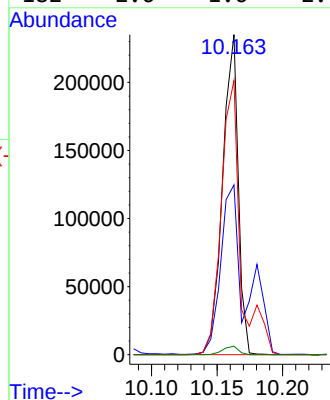
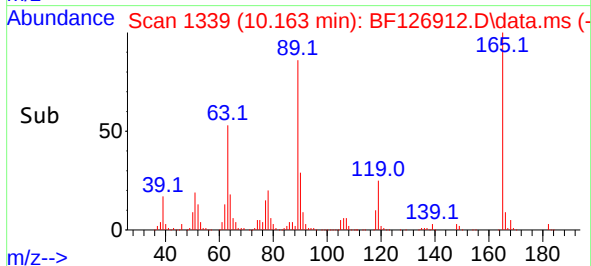


#57  
2,4-Dinitrotoluene  
Concen: 39.288 ng  
RT: 10.163 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

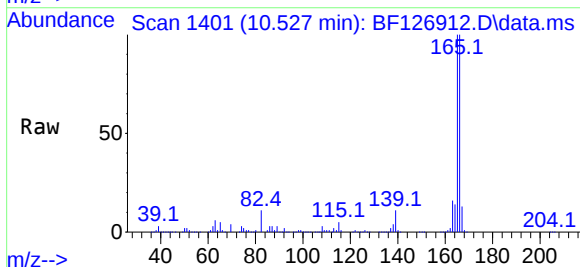
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622



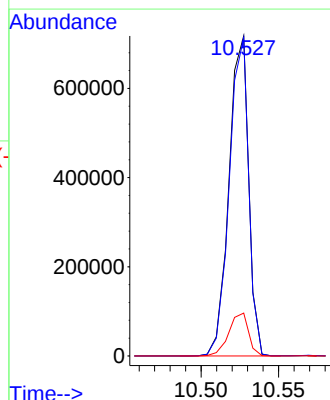
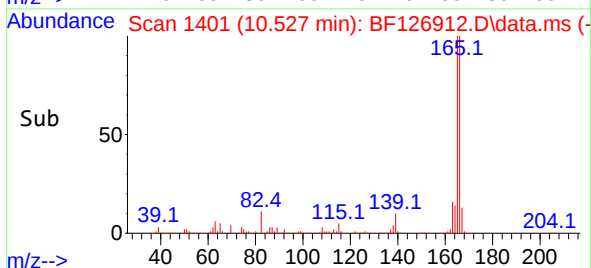
Tgt Ion:165 Resp: 195244  
Ion Ratio Lower Upper  
165 100  
63 53.1 43.0 64.6  
89 85.7 71.0 106.4  
182 2.6 1.6 2.4#

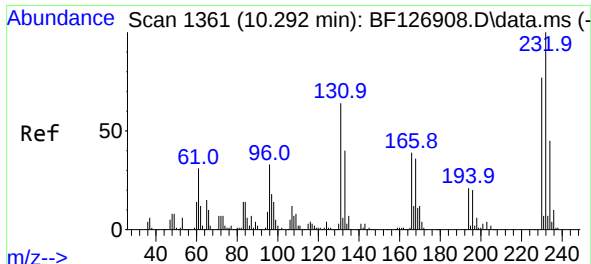


#58  
Fluorene  
Concen: 37.627 ng  
RT: 10.527 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39



Tgt Ion:166 Resp: 632213  
Ion Ratio Lower Upper  
166 100  
165 99.5 77.7 116.5  
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.939 ng

RT: 10.292 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BF126912.D

Acq: 16 Feb 2022 14:39

Instrument :

BNA\_F

ClientSampleId :

ICVBF021622

Tgt Ion:232 Resp: 158513

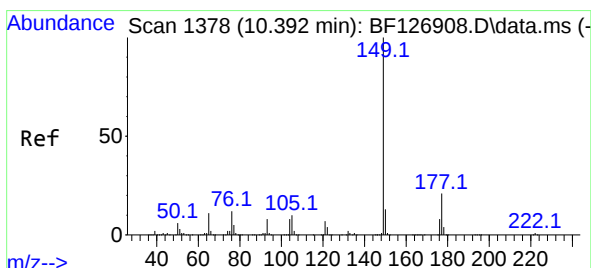
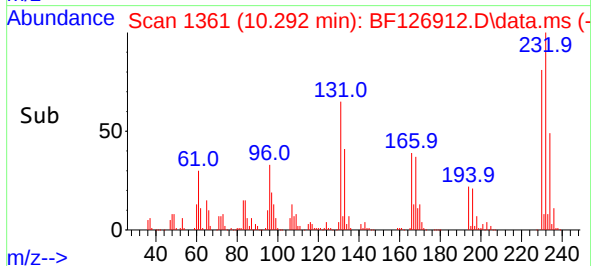
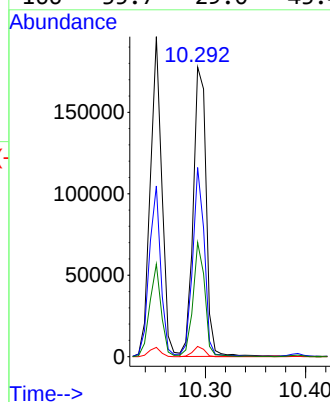
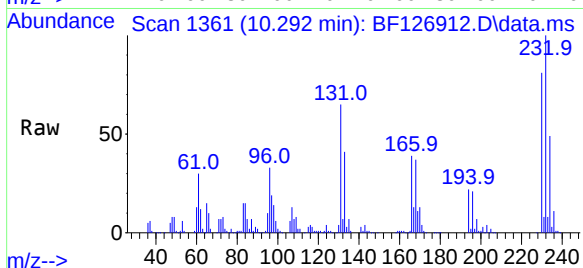
Ion Ratio Lower Upper

232 100

131 59.4 50.0 75.0

130 3.1 2.2 3.2

166 35.7 29.0 43.4



#60

Diethylphthalate

Concen: 38.219 ng

RT: 10.392 min Scan# 1378

Delta R.T. 0.000 min

Lab File: BF126912.D

Acq: 16 Feb 2022 14:39

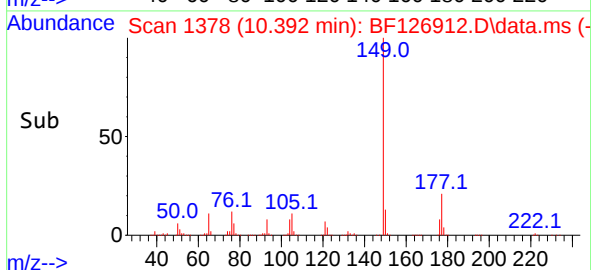
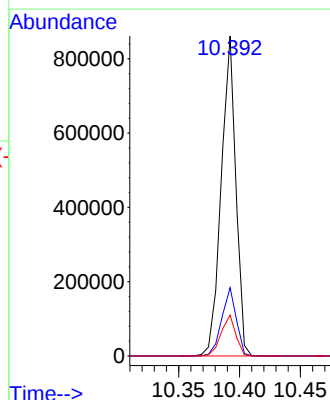
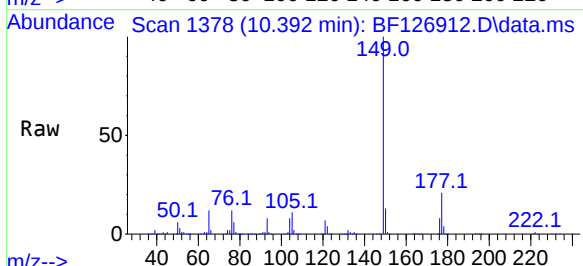
Tgt Ion:149 Resp: 721453

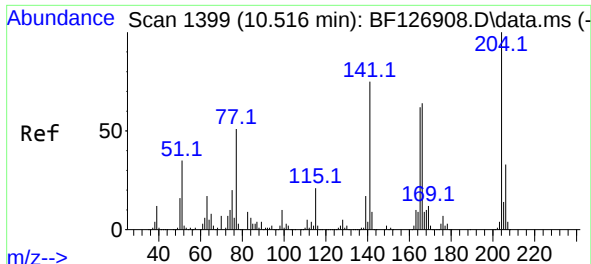
Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

150 12.7 9.8 14.8

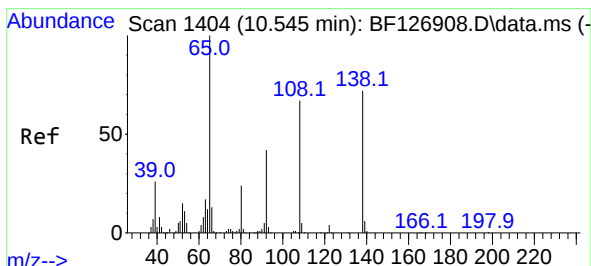
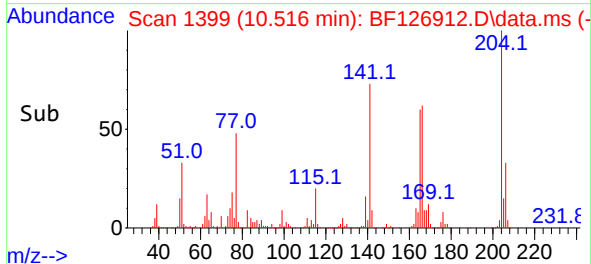
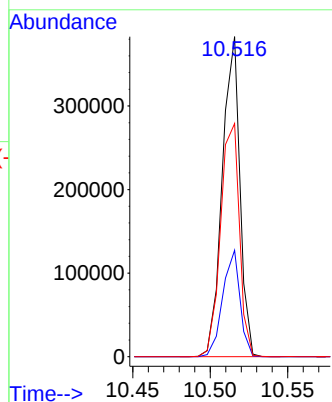
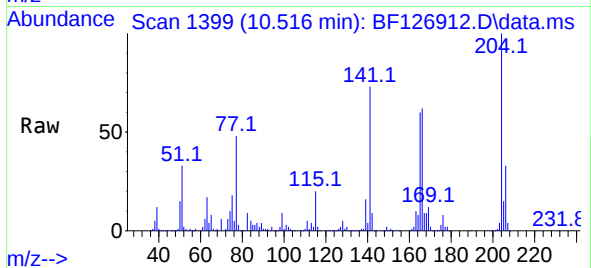




#61  
4-Chlorophenyl-phenylether  
Concen: 38.178 ng  
RT: 10.516 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

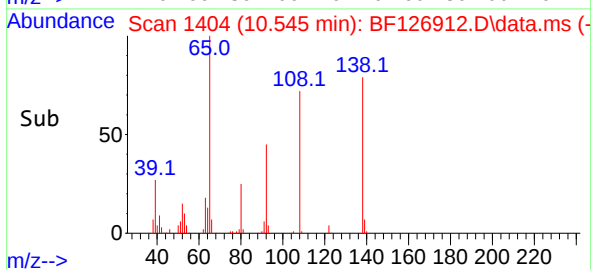
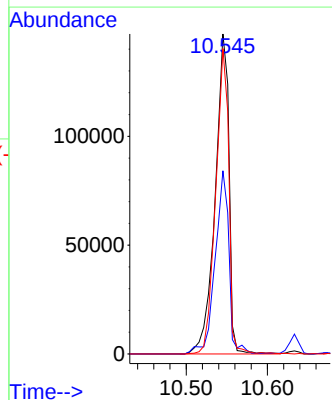
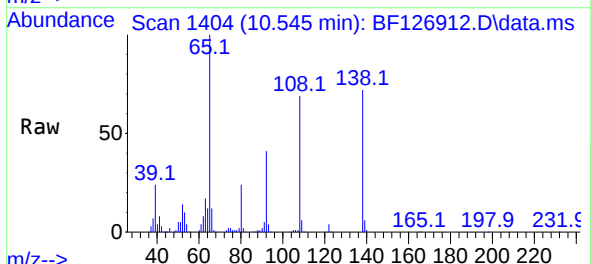
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

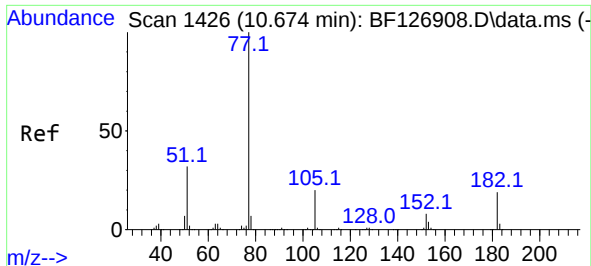
Tgt Ion:204 Resp: 302475  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.3 39.5  
141 72.9 59.0 88.6



#62  
4-Nitroaniline  
Concen: 39.331 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:138 Resp: 174500  
Ion Ratio Lower Upper  
138 100  
92 57.2 36.2 76.2  
108 95.4 46.7 86.7#



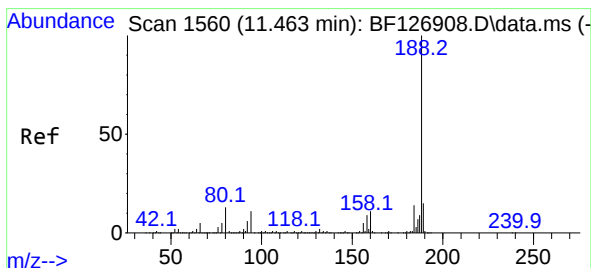
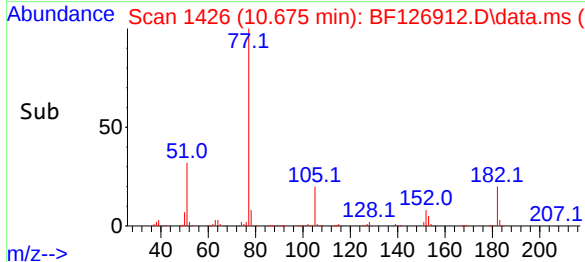
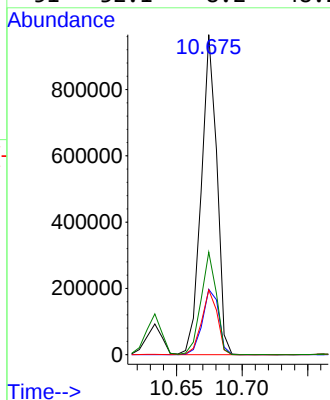
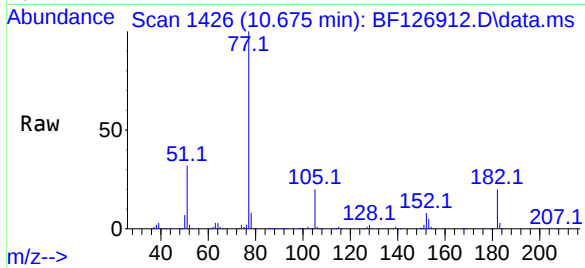


#63  
Azobenzene  
Concen: 37.934 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

Tgt Ion: 77 Resp: 797364

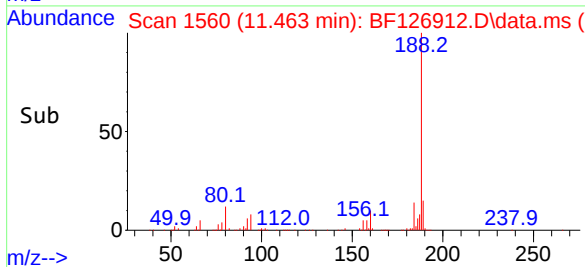
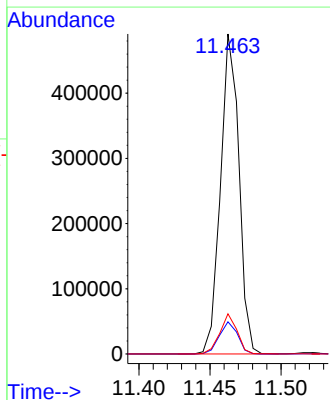
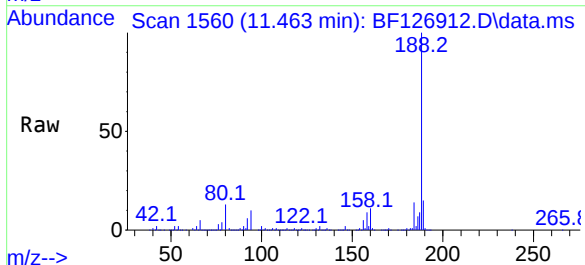
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 20.4  | 0.0   | 39.0  |
| 105 | 20.2  | 3.2   | 43.2  |
| 51  | 32.1  | 8.2   | 48.2  |

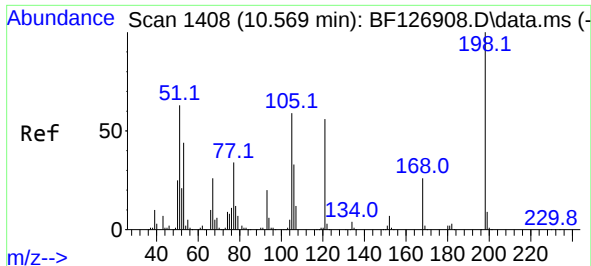


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.463 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion: 188 Resp: 442089

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.0  | 10.1  | 15.1# |
| 80  | 12.6  | 11.8  | 17.6  |

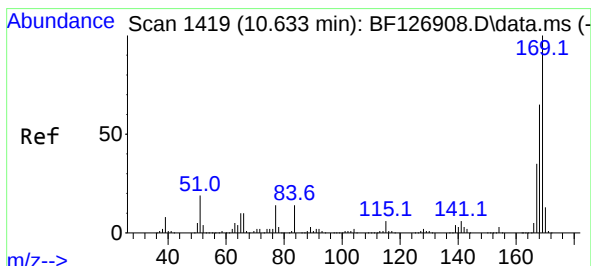
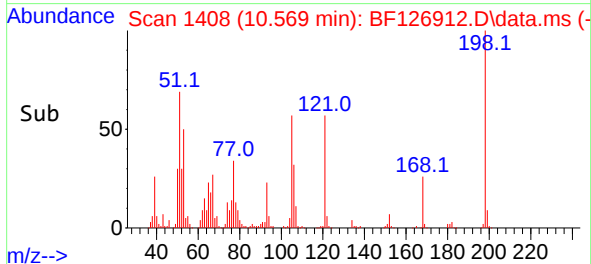
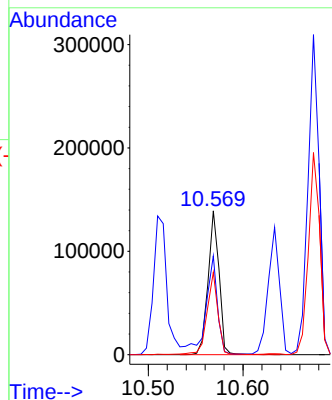
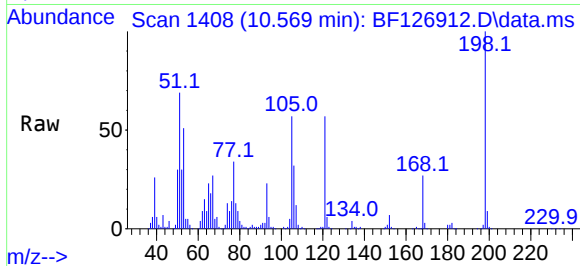




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.001 ng  
RT: 10.569 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

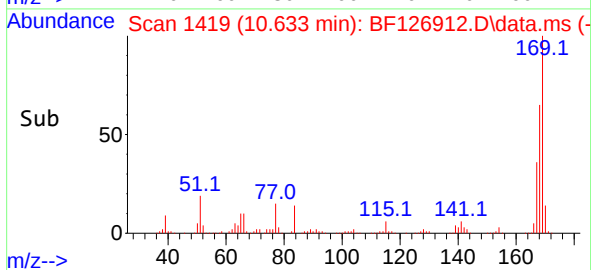
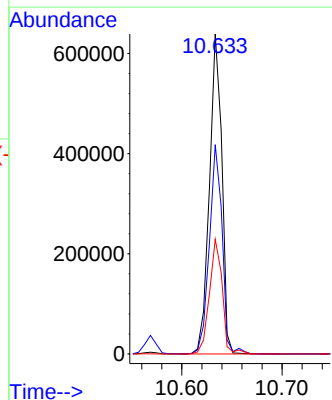
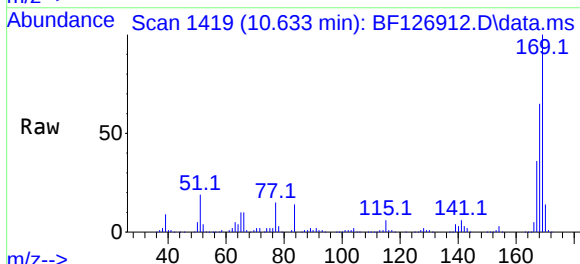
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

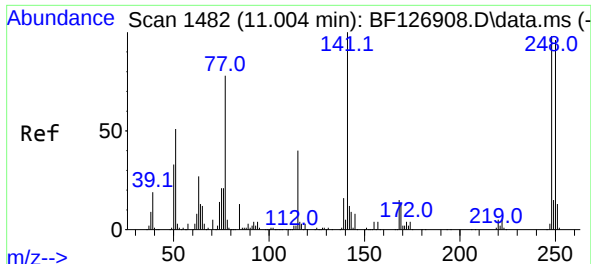
Tgt Ion:198 Resp: 111697  
Ion Ratio Lower Upper  
198 100  
51 68.6 32.0 72.0  
105 57.2 32.7 72.7



#66  
n-Nitrosodiphenylamine  
Concen: 38.010 ng  
RT: 10.633 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:169 Resp: 551017  
Ion Ratio Lower Upper  
169 100  
168 65.4 53.4 80.0  
167 35.9 29.4 44.0

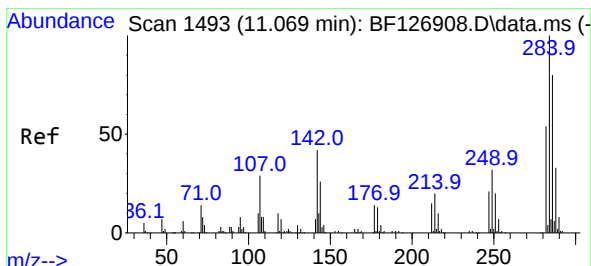
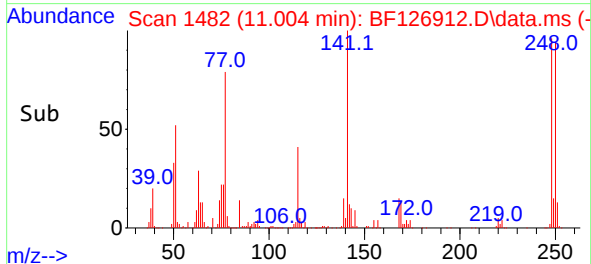
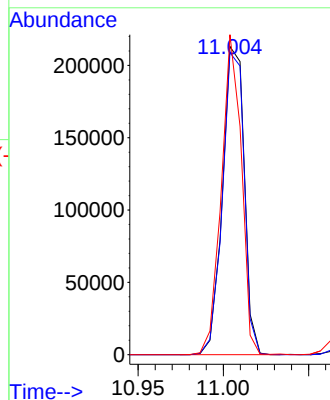
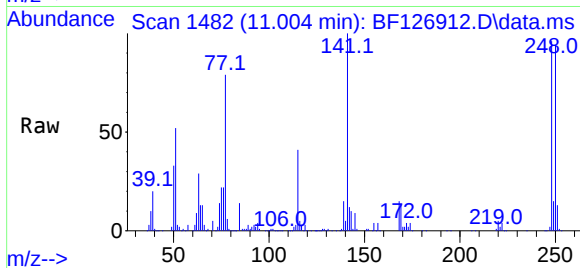




#67  
4-Bromophenyl-phenylether  
Concen: 38.216 ng  
RT: 11.004 min Scan# 1482  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

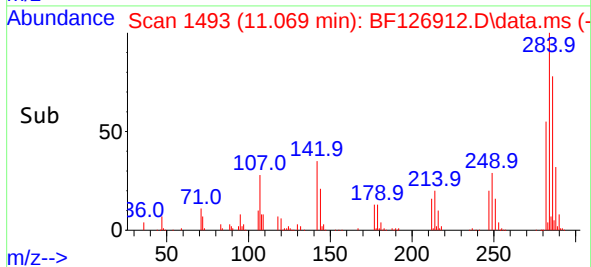
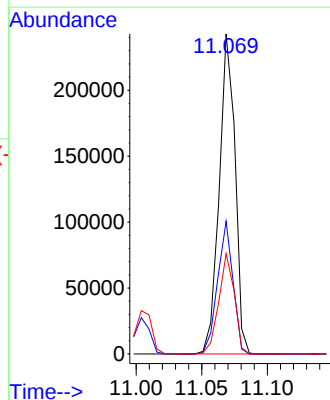
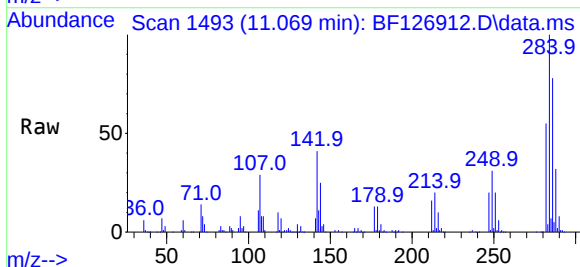
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

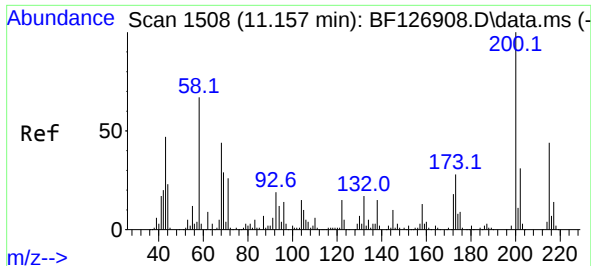
Tgt Ion:248 Resp: 188765  
Ion Ratio Lower Upper  
248 100  
250 98.0 76.2 114.4  
141 103.8 66.2 99.4#



#68  
Hexachlorobenzene  
Concen: 38.214 ng  
RT: 11.069 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:284 Resp: 203204  
Ion Ratio Lower Upper  
284 100  
142 41.5 30.7 46.1  
249 31.3 21.1 31.7

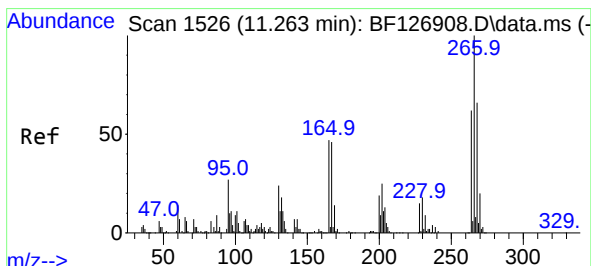
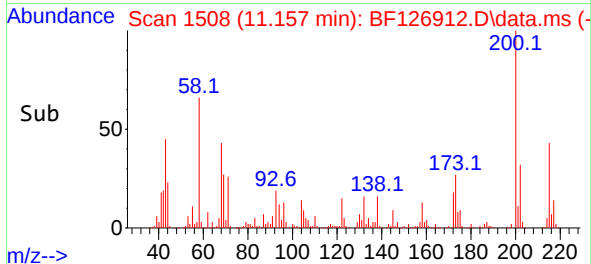
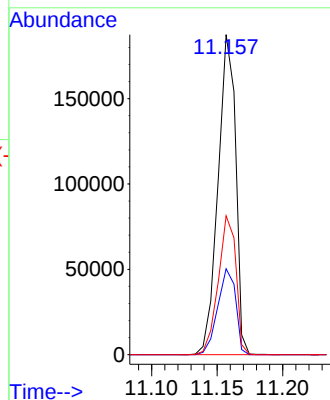
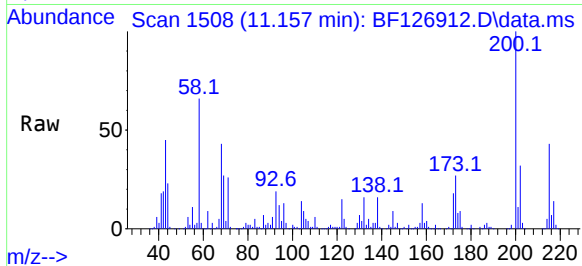




#69  
Atrazine  
Concen: 38.860 ng  
RT: 11.157 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

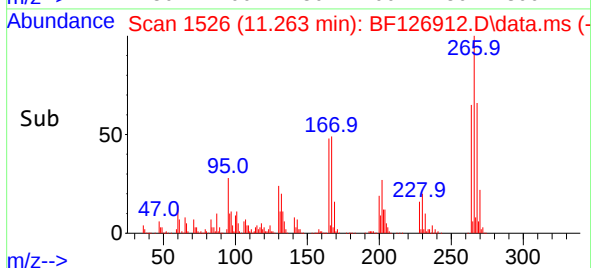
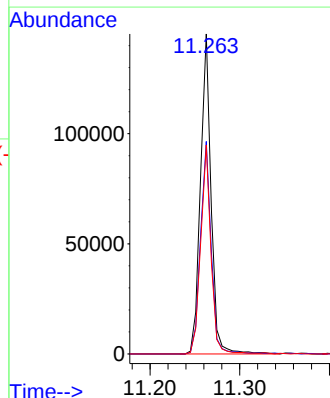
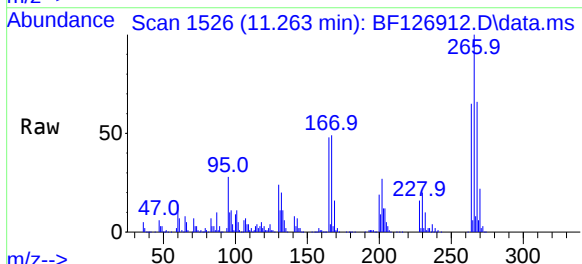
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

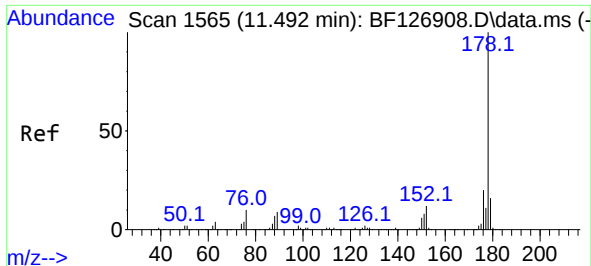
Tgt Ion:200 Resp: 174718  
Ion Ratio Lower Upper  
200 100  
173 26.8 9.2 49.2  
215 43.4 23.2 63.2



#70  
Pentachlorophenol  
Concen: 41.150 ng  
RT: 11.263 min Scan# 1526  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:266 Resp: 119447  
Ion Ratio Lower Upper  
266 100  
268 66.4 52.3 78.5  
264 65.3 50.4 75.6

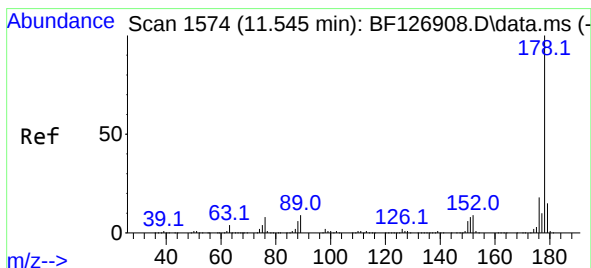
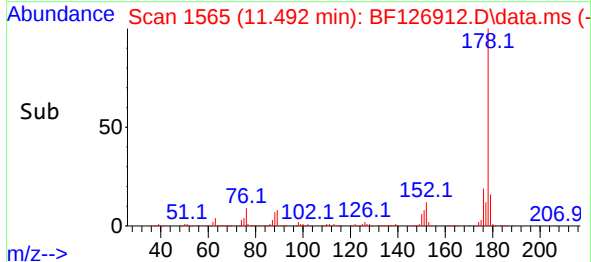
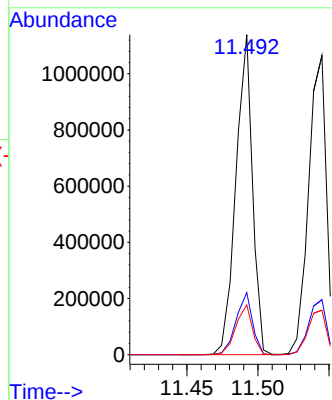
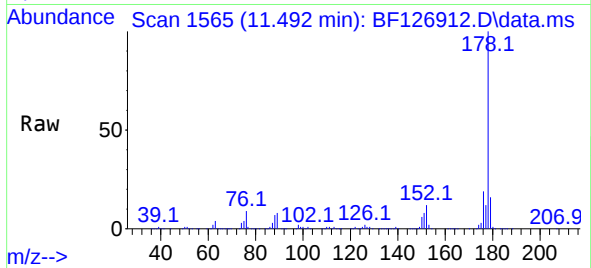




#71  
Phenanthrene  
Concen: 37.501 ng  
RT: 11.492 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

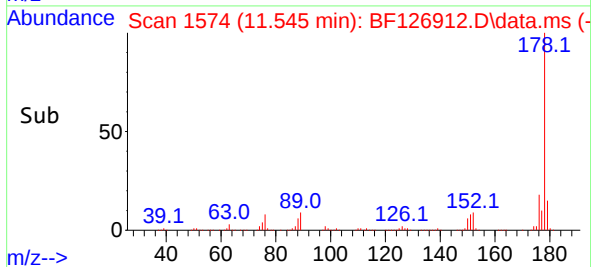
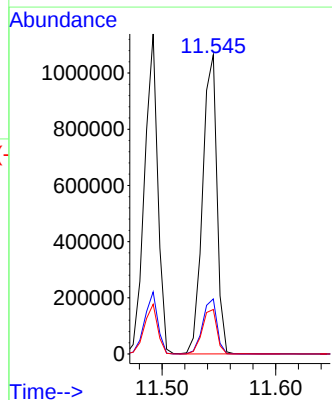
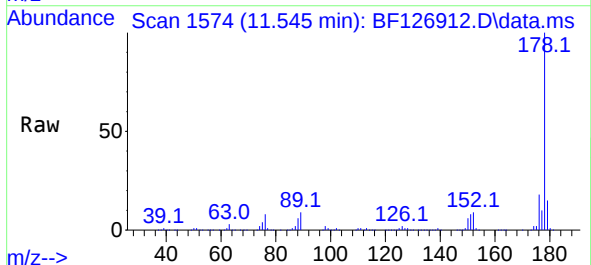
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

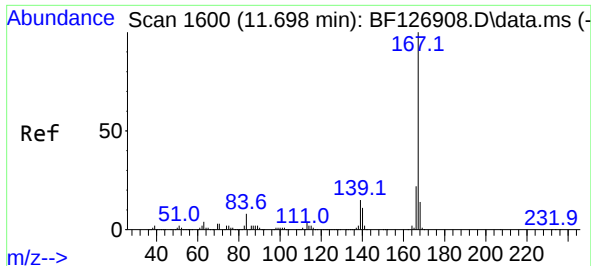
Tgt Ion:178 Resp: 927952  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.6 12.3 18.5



#72  
Anthracene  
Concen: 37.838 ng  
RT: 11.545 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:178 Resp: 932095  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.0 22.6  
179 14.9 12.5 18.7



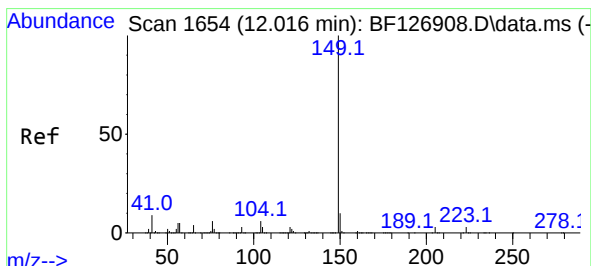
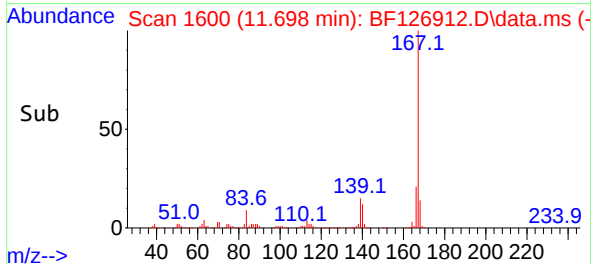
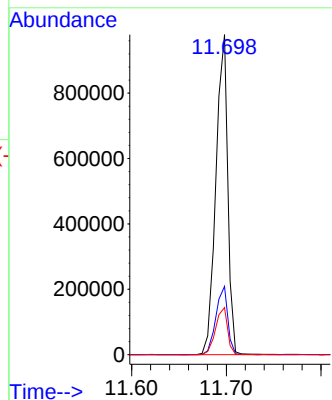
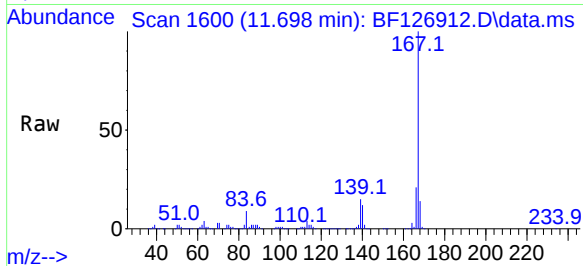


#73  
 Carbazole  
 Concen: 37.531 ng  
 RT: 11.698 min Scan# 1600  
 Delta R.T. 0.000 min  
 Lab File: BF126912.D  
 Acq: 16 Feb 2022 14:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF021622

Tgt Ion:167 Resp: 847841  

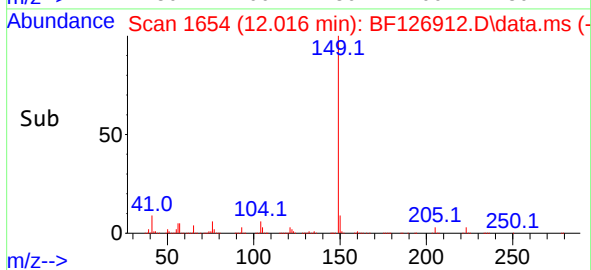
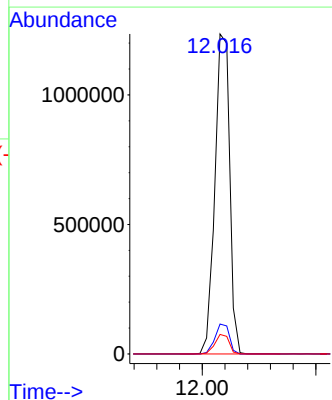
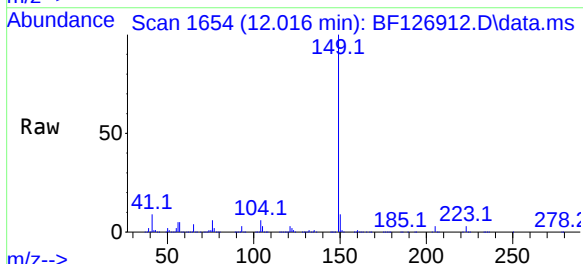
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.4  | 16.9  | 25.3  |
| 139 | 14.7  | 11.3  | 16.9  |

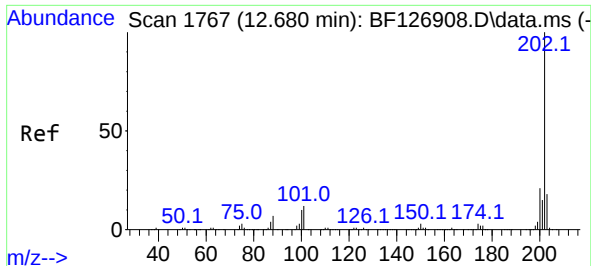


#74  
 Di-n-butylphthalate  
 Concen: 38.443 ng  
 RT: 12.016 min Scan# 1654  
 Delta R.T. 0.000 min  
 Lab File: BF126912.D  
 Acq: 16 Feb 2022 14:39

Tgt Ion:149 Resp: 1116442  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.2   | 10.8  |
| 104 | 6.1   | 4.2   | 6.2   |

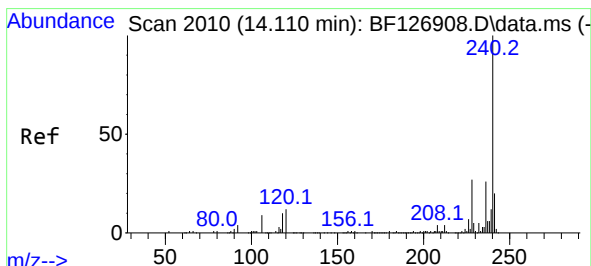
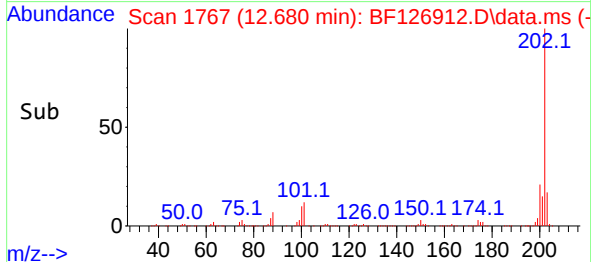
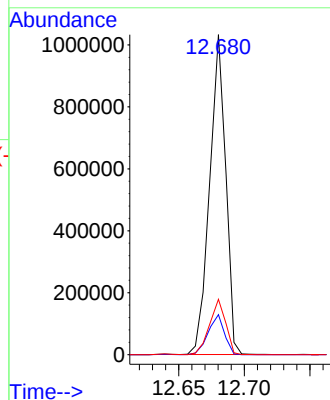
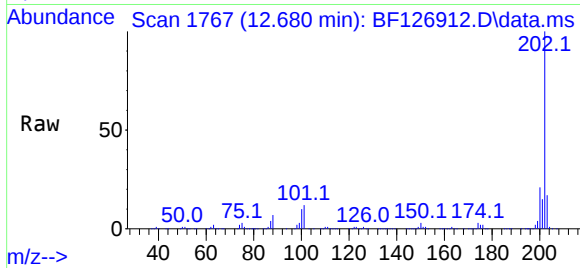




#75  
Fluoranthene  
Concen: 37.586 ng  
RT: 12.680 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

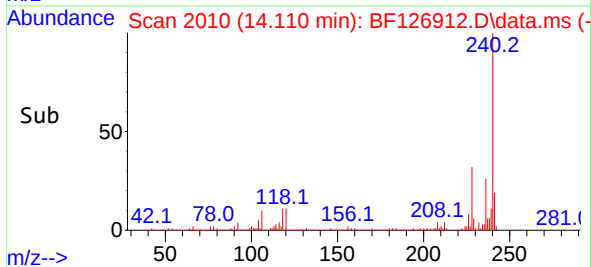
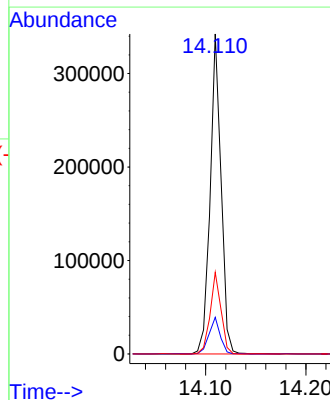
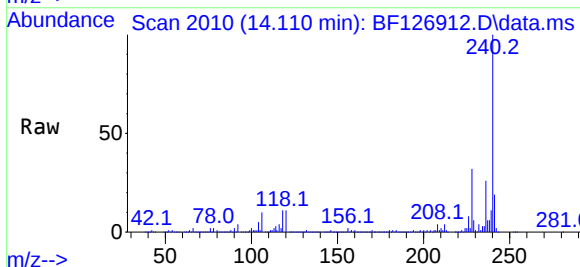
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

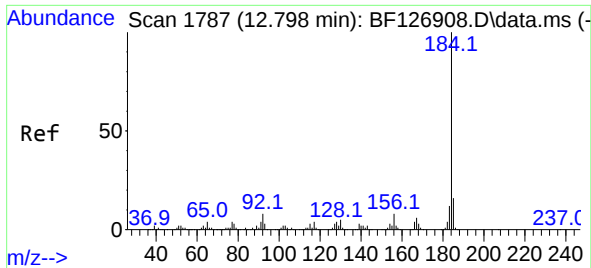
Tgt Ion:202 Resp: 883092  
Ion Ratio Lower Upper  
202 100  
101 12.5 0.0 35.7  
203 17.3 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.110 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:240 Resp: 259955  
Ion Ratio Lower Upper  
240 100  
120 11.5 14.4 21.6#  
236 25.5 20.5 30.7

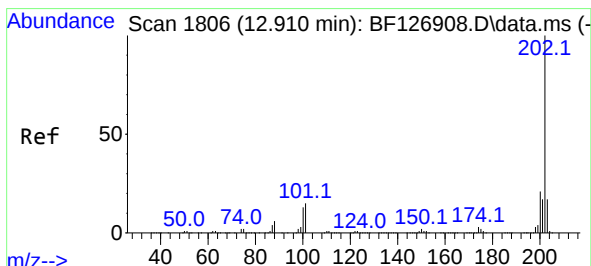
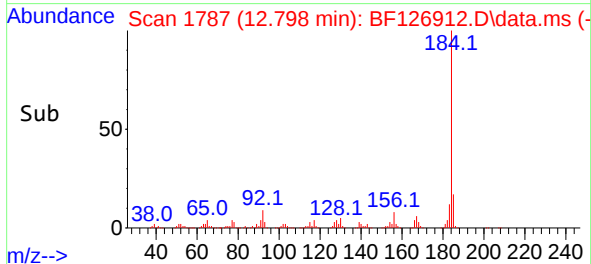
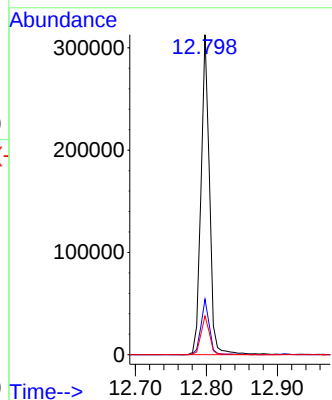
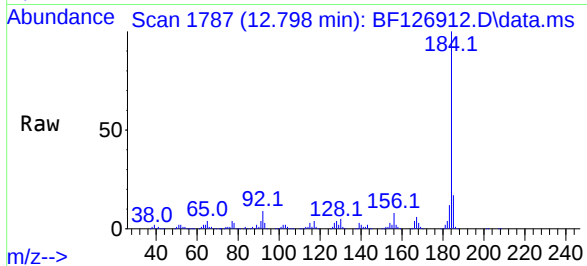




#77  
Benzidine  
Concen: 36.973 ng  
RT: 12.798 min Scan# 1787  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

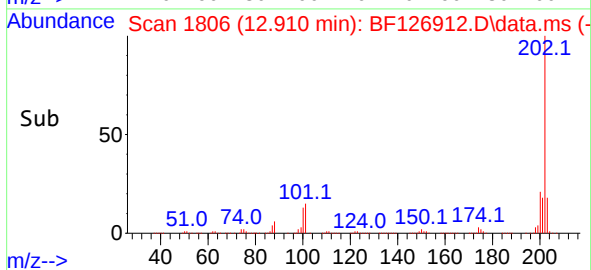
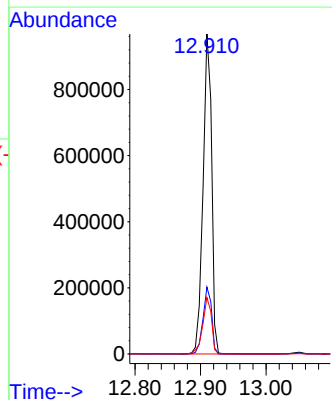
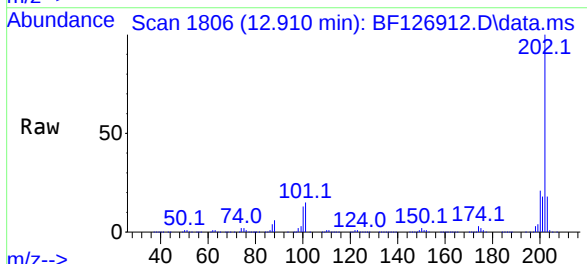
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

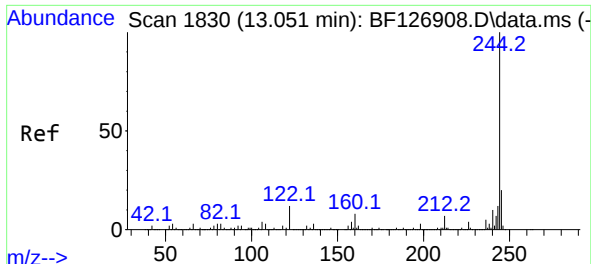
Tgt Ion:184 Resp: 261196  
Ion Ratio Lower Upper  
184 100  
185 17.4 11.8 17.8  
183 12.1 8.2 12.2



#78  
Pyrene  
Concen: 39.257 ng  
RT: 12.910 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:202 Resp: 886605  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.6 24.8  
203 17.6 13.8 20.8

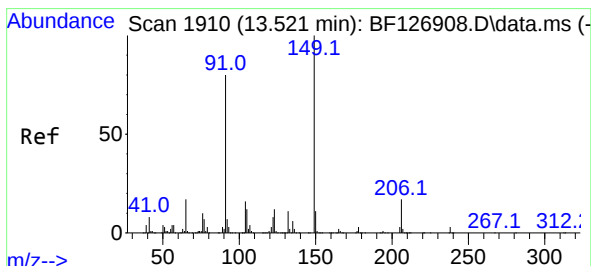
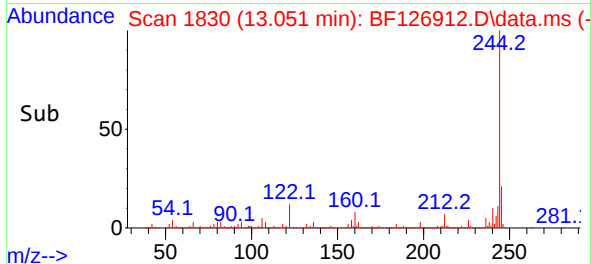
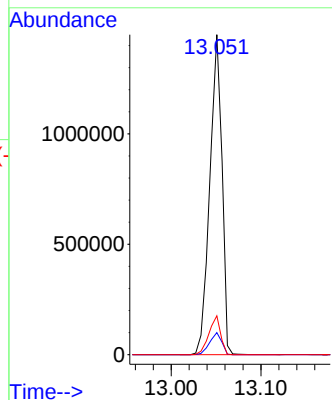
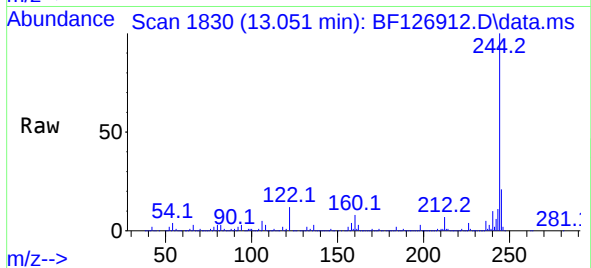




#79  
Terphenyl-d14  
Concen: 77.057 ng  
RT: 13.051 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

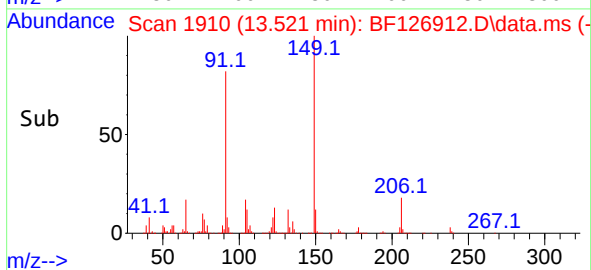
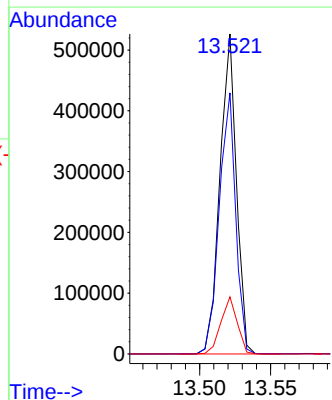
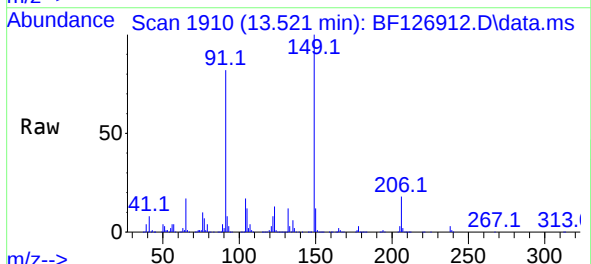
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

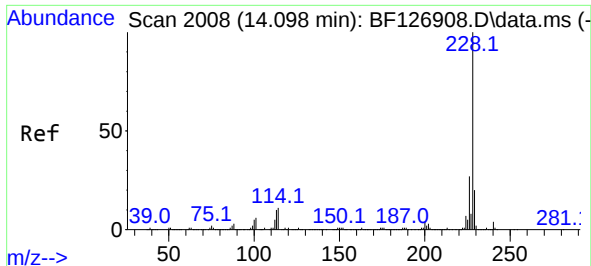
Tgt Ion:244 Resp: 1362634  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.0 7.4  
122 12.2 13.3 19.9#



#80  
Butylbenzylphthalate  
Concen: 39.700 ng  
RT: 13.521 min Scan# 1910  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:149 Resp: 424464  
Ion Ratio Lower Upper  
149 100  
91 81.6 70.5 105.7  
206 17.8 12.6 19.0

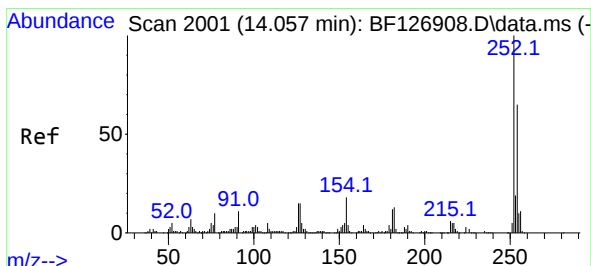
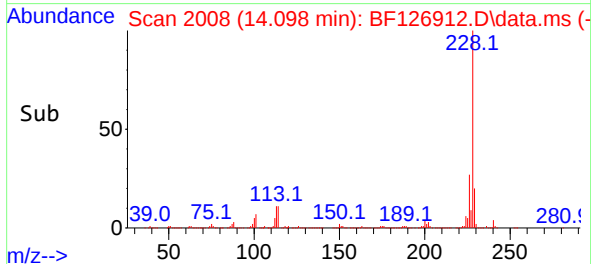
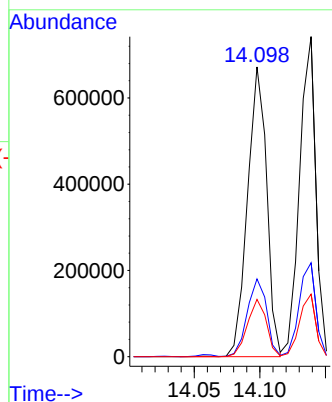
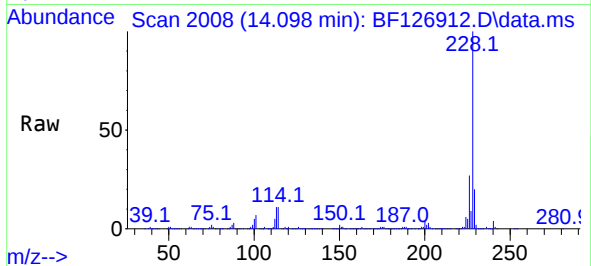




#81  
Benzo(a)anthracene  
Concen: 38.974 ng  
RT: 14.098 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

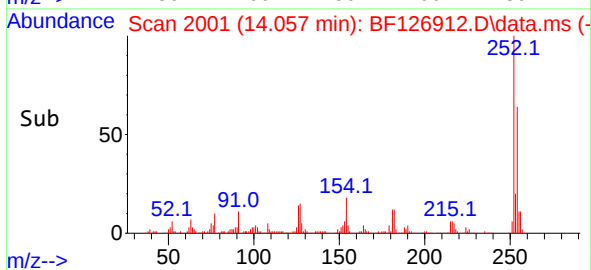
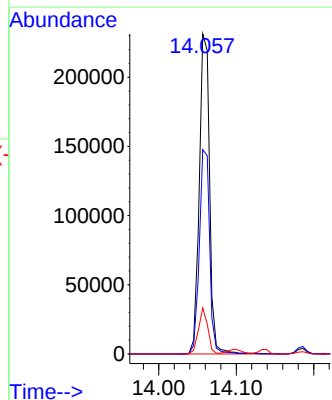
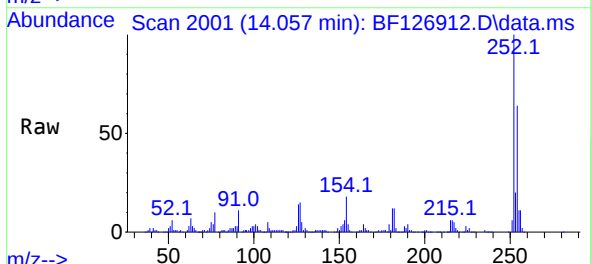
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

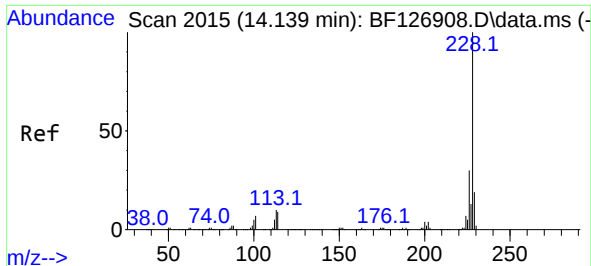
Tgt Ion:228 Resp: 683031  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.4 32.0  
229 19.8 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 38.643 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:252 Resp: 213425  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.0 76.4  
126 14.4 13.4 20.0

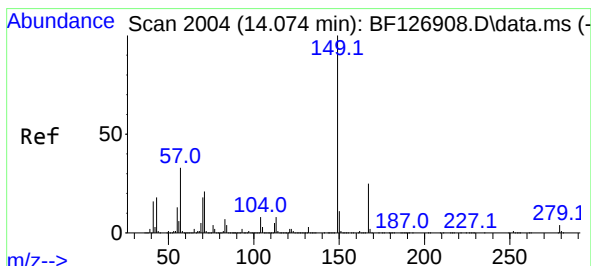
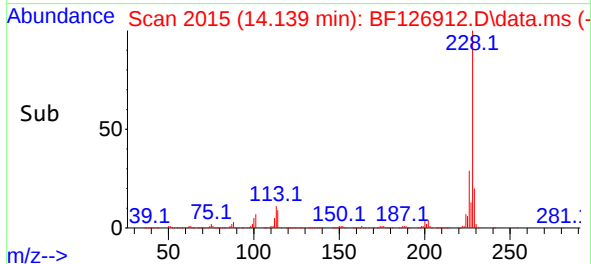
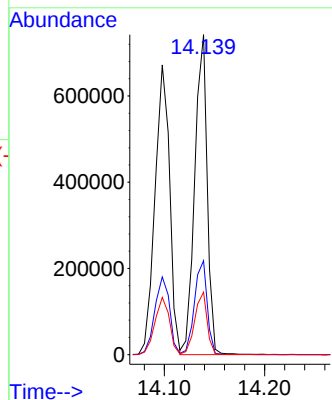
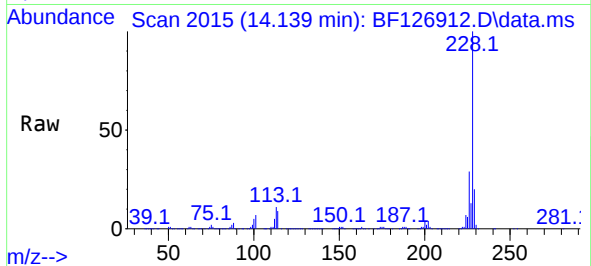




#83  
Chrysene  
Concen: 38.815 ng  
RT: 14.139 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

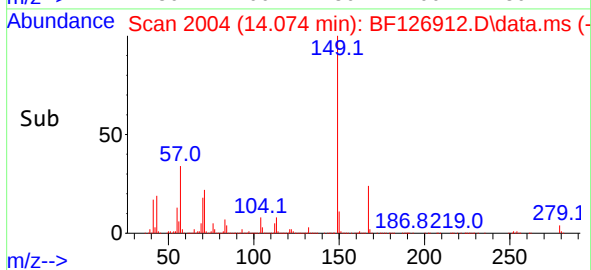
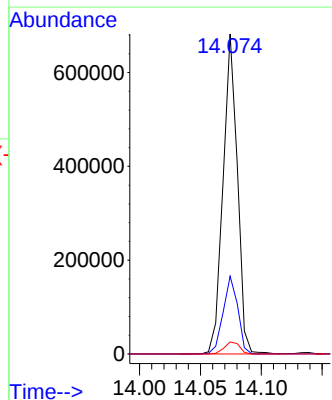
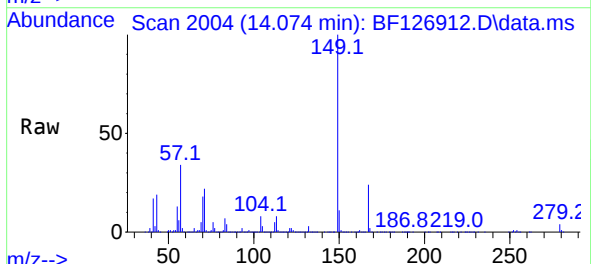
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

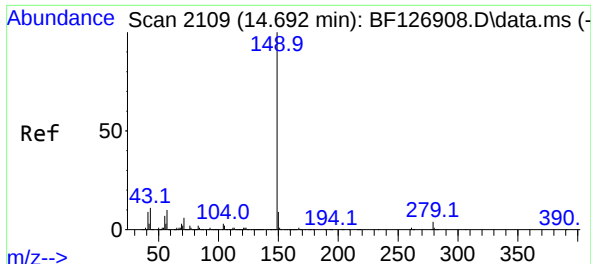
Tgt Ion:228 Resp: 639676  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.7 35.5  
229 19.6 15.5 23.3



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.841 ng  
RT: 14.074 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:149 Resp: 559248  
Ion Ratio Lower Upper  
149 100  
167 24.3 21.4 32.2  
279 3.7 2.4 3.6#

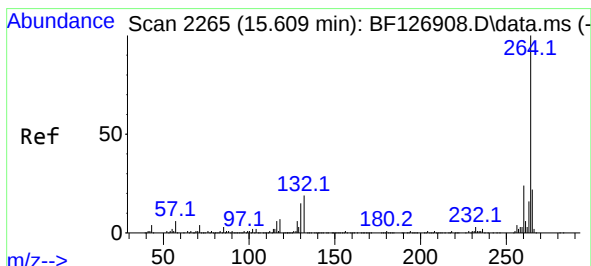
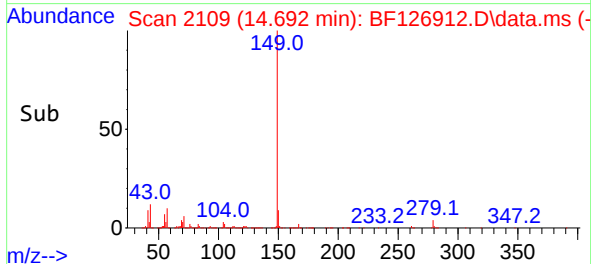
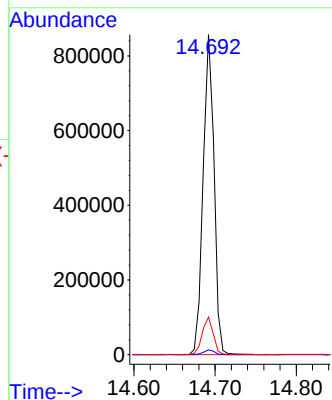
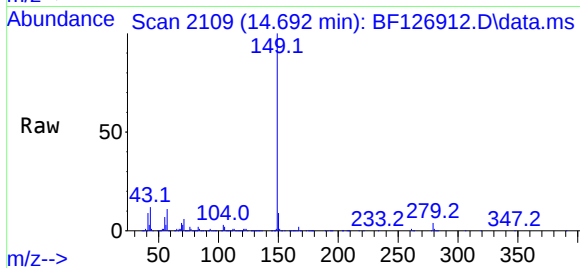




#85  
Di-n-octyl phthalate  
Concen: 39.604 ng  
RT: 14.692 min Scan# 2109  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

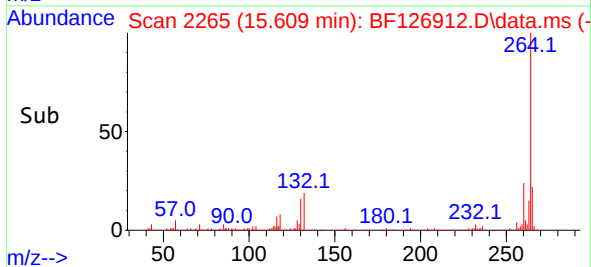
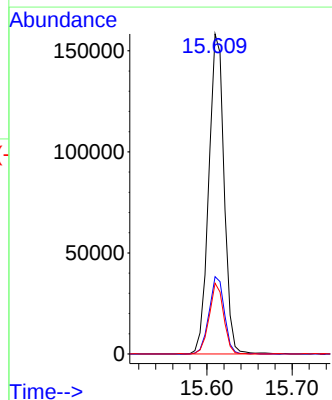
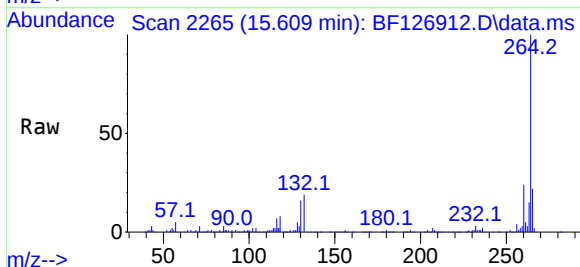
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

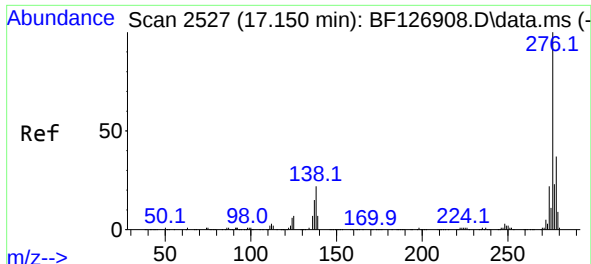
Tgt Ion:149 Resp: 800421  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 11.7 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.609 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:264 Resp: 197377  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.2 28.8  
265 22.1 17.4 26.2

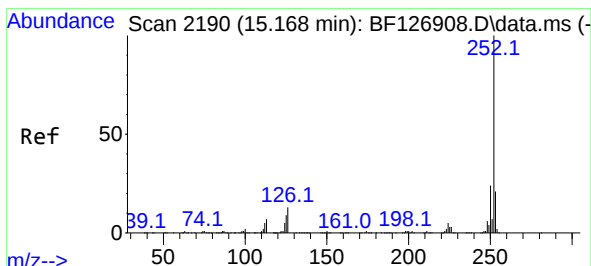
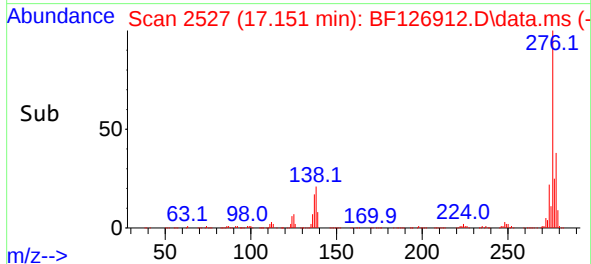
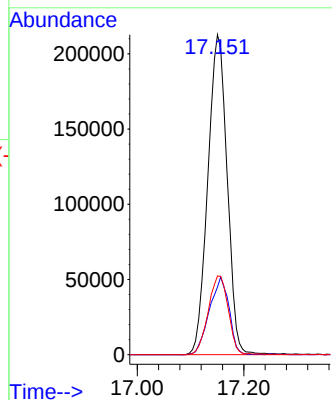
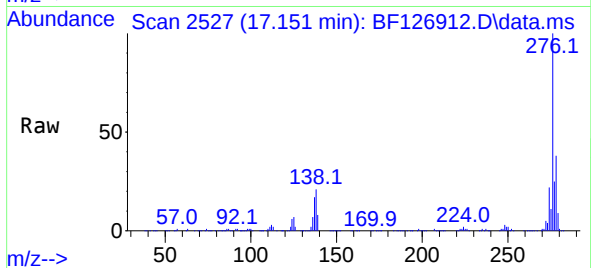




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.397 ng  
 RT: 17.151 min Scan# 2190  
 Delta R.T. 0.000 min  
 Lab File: BF126912.D  
 Acq: 16 Feb 2022 14:39

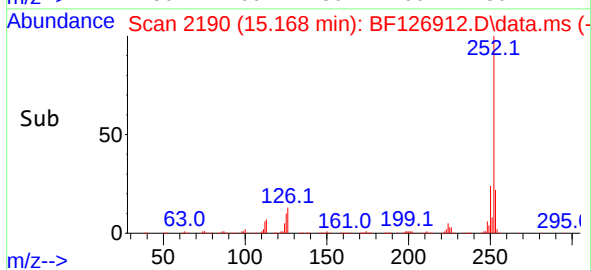
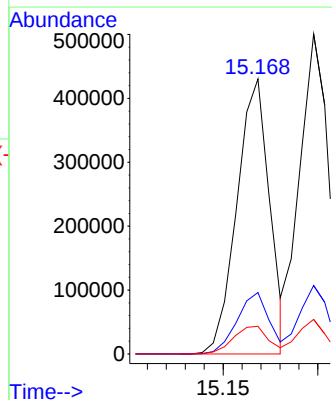
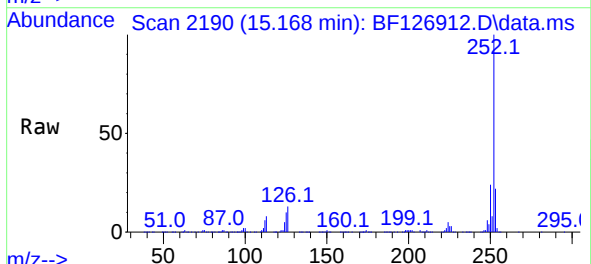
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF021622

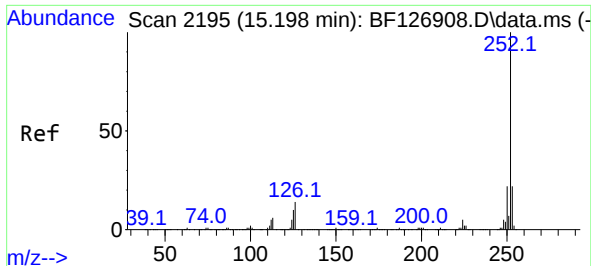
Tgt Ion:276 Resp: 535776  
 Ion Ratio Lower Upper  
 276 100  
 138 24.6 29.2 43.8#  
 277 25.4 19.8 29.8



#88  
 Benzo(b)fluoranthene  
 Concen: 38.940 ng  
 RT: 15.168 min Scan# 2190  
 Delta R.T. 0.000 min  
 Lab File: BF126912.D  
 Acq: 16 Feb 2022 14:39

Tgt Ion:252 Resp: 516216  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.8 26.8  
 125 10.1 12.4 18.6#

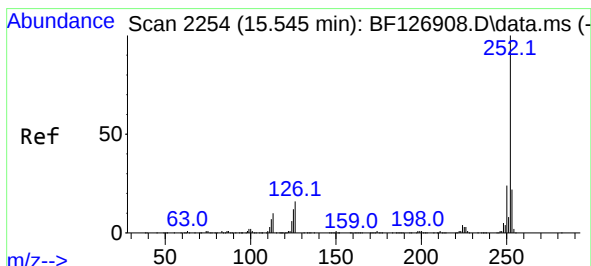
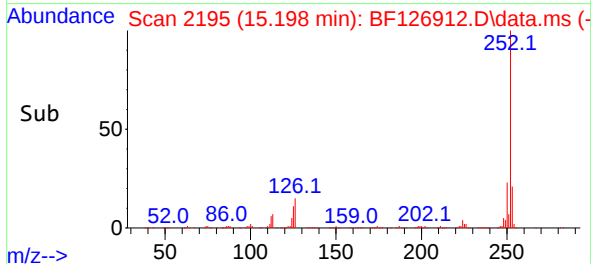
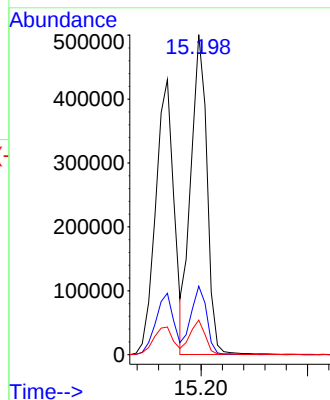
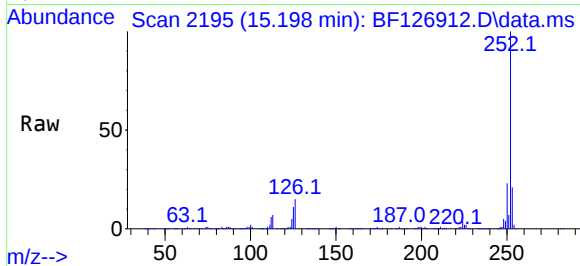




#89  
Benzo(k)fluoranthene  
Concen: 41.290 ng  
RT: 15.198 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

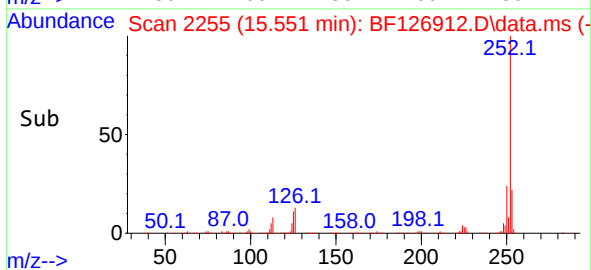
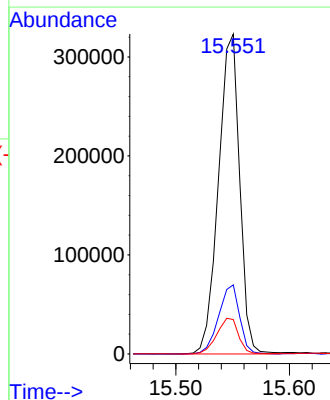
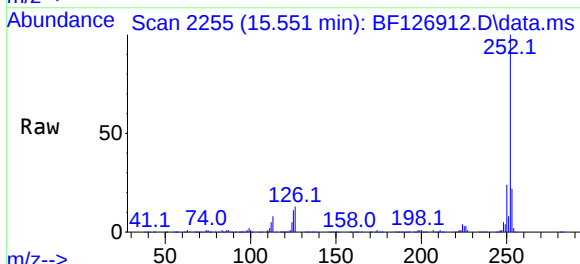
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

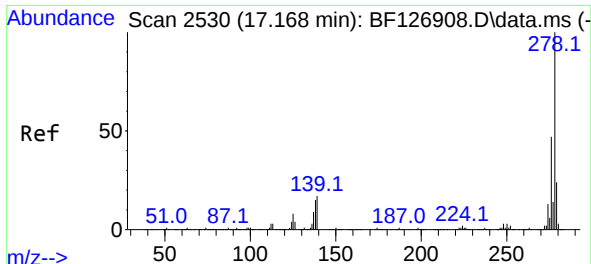
Tgt Ion:252 Resp: 527951  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.5 26.3  
125 10.8 11.8 17.6#



#90  
Benzo(a)pyrene  
Concen: 40.484 ng  
RT: 15.551 min Scan# 2255  
Delta R.T. 0.006 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:252 Resp: 419196  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.1 25.7  
125 10.8 13.0 19.6#

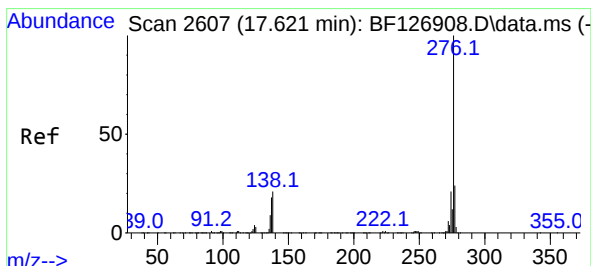
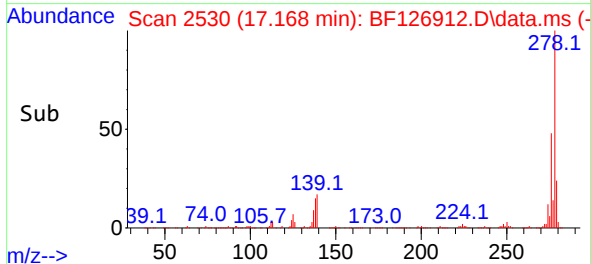
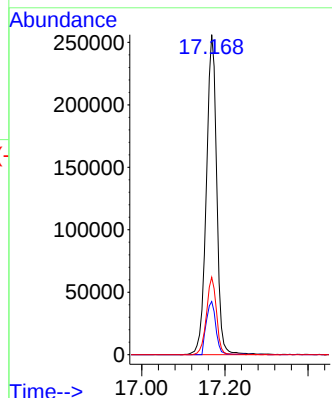
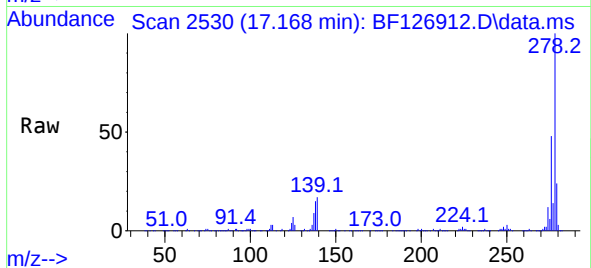




#91  
Dibenzo(a,h)anthracene  
Concen: 41.318 ng  
RT: 17.168 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF021622

Tgt Ion:278 Resp: 442261  
Ion Ratio Lower Upper  
278 100  
139 16.6 18.0 27.0#  
279 24.2 18.6 27.8



#92  
Benzo(g,h,i)perylene  
Concen: 41.075 ng  
RT: 17.621 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: BF126912.D  
Acq: 16 Feb 2022 14:39

Tgt Ion:276 Resp: 433451  
Ion Ratio Lower Upper  
276 100  
277 21.8 18.5 27.7  
138 20.9 25.9 38.9#

