

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122021\  
 Data File : BF126279.D  
 Acq On : 20 Dec 2021 15:35  
 Operator : JU/CG  
 Sample : M5146-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-8-121721MSD

Quant Time: Dec 21 05:09:46 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 12:22:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 146326   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 545447   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.857  | 164  | 207588   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.339 | 188  | 304768   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.974 | 240  | 264041   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.421 | 264  | 302163   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 535326   | 53.876 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.445  | 99   | 633172   | 50.186 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.375  | 82   | 388083   | 38.534 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 84838    | 50.854 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.175  | 172  | 512254   | 43.280 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.921 | 244  | 437567   | 28.804 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 260845   | 53.780 | ng    | # 100    |
| 3) Pyridine                   | 3.357  | 79   | 560217   | 43.494 | ng    | # 77     |
| 4) n-Nitrosodimethylamine     | 3.310  | 42   | 267152   | 53.966 | ng    | # 2      |
| 6) Aniline                    | 6.475  | 93   | 599951   | 37.437 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.598  | 128  | 505104   | 50.129 | ng    | 89       |
| 9) Benzaldehyde               | 6.363  | 77   | 387584   | 50.909 | ng    | 95       |
| 10) Phenol                    | 6.457  | 94   | 698253   | 49.304 | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 554348   | 50.428 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.757  | 146  | 507421   | 49.922 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.834  | 146  | 516234   | 50.294 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 6.987  | 146  | 484843   | 51.088 | ng    | 95       |
| 15) Benzyl Alcohol            | 6.957  | 79   | 416904   | 45.265 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 876294   | 48.712 | ng    | 94       |
| 17) 2-Methylphenol            | 7.069  | 107  | 384119   | 43.516 | ng    | 96       |
| 18) Hexachloroethane          | 7.334  | 117  | 198026   | 49.048 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.234  | 70   | 332241   | 42.896 | ng    | # 72     |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 438249   | 41.997 | ng    | # 81     |
| 22) Acetophenone              | 7.228  | 105  | 648064   | 51.625 | ng    | 98       |
| 24) Nitrobenzene              | 7.398  | 77   | 529160   | 52.633 | ng    | 91       |
| 25) Isophorone                | 7.639  | 82   | 907811   | 47.733 | ng    | # 88     |
| 26) 2-Nitrophenol             | 7.716  | 139  | 233819   | 51.590 | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 403491   | 52.423 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 595471   | 47.622 | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 313983   | 45.893 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 346736   | 48.996 | ng    | 99       |
| 31) Naphthalene               | 8.122  | 128  | 1273194  | 49.913 | ng    | 98       |
| 32) Benzoic acid              | 7.863  | 122  | 255418   | 38.520 | ng    | 93       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 209931   | 19.711 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 173375   | 49.883 | ng    | 99       |
| 35) Caprolactam               | 8.534  | 113  | 105123   | 61.825 | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 346898   | 42.984 | ng    | 89       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 755183   | 48.074 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 686253   | 45.016 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 8.981  | 216  | 254029   | 56.699 | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 199062   | 77.588 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 169099   | 47.979 | ng    | 90       |

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 ALS Vial : 12 Sample Multiplier: 1

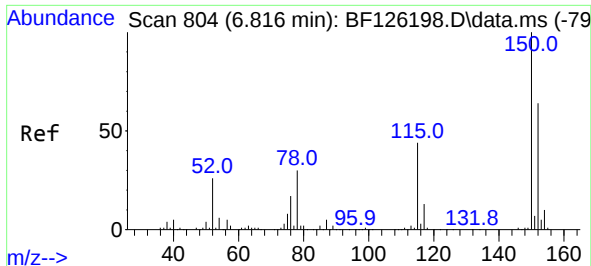
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-8-121721MSD

Quant Time: Dec 21 05:09:46 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 12:22:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.128  | 196  | 181859   | 49.827  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 835227   | 54.415  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 601411   | 52.077  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.392  | 65   | 214770   | 50.951  | ng    | 89       |
| 49) Acenaphthylene            | 9.716  | 152  | 904200   | 51.240  | ng    | 98       |
| 50) Dimethylphthalate         | 9.581  | 163  | 655803   | 49.872  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.633  | 165  | 140112   | 49.228  | ng    | # 78     |
| 52) Acenaphthene              | 9.886  | 154  | 586785   | 51.275  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.798  | 138  | 122736   | 33.928  | ng    | # 69     |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 63495    | 54.180  | ng    | # 78     |
| 55) Dibenzofuran              | 10.063 | 168  | 759688   | 48.758  | ng    | 96       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 261992   | 100.262 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 10.039 | 165  | 178622   | 49.198  | ng    | # 96     |
| 58) Fluorene                  | 10.404 | 166  | 529294   | 46.925  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.175 | 232  | 129267   | 47.768  | ng    | # 98     |
| 60) Diethylphthalate          | 10.275 | 149  | 618772   | 46.824  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204  | 229598   | 45.209  | ng    | 94       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 127261   | 41.936  | ng    | # 74     |
| 63) Azobenzene                | 10.557 | 77   | 734870   | 45.912  | ng    | 83       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 42637    | 25.620  | ng    | # 85     |
| 66) n-Nitrosodiphenylamine    | 10.510 | 169  | 488594   | 49.953  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.886 | 248  | 139209   | 48.669  | ng    | 95       |
| 68) Hexachlorobenzene         | 10.951 | 284  | 161421   | 49.069  | ng    | # 89     |
| 69) Atrazine                  | 11.039 | 200  | 139839   | 78.015  | ng    | 96       |
| 70) Pentachlorophenol         | 11.145 | 266  | 178078   | 97.575  | ng    | 94       |
| 71) Phenanthrene              | 11.363 | 178  | 792980   | 50.412  | ng    | 98       |
| 72) Anthracene                | 11.416 | 178  | 819767   | 51.922  | ng    | 99       |
| 73) Carbazole                 | 11.569 | 167  | 760314   | 51.135  | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 957483   | 50.798  | ng    | 100      |
| 75) Fluoranthene              | 12.551 | 202  | 809980   | 57.152  | ng    | 92       |
| 77) Benzidine                 | 12.674 | 184  | 732803   | 176.039 | ng    | 98       |
| 78) Pyrene                    | 12.780 | 202  | 858969   | 35.410  | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 443566   | 38.857  | ng    | # 87     |
| 81) Benzo(a)anthracene        | 13.968 | 228  | 717109   | 45.850  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 324525   | 45.418  | ng    | # 96     |
| 83) Chrysene                  | 14.004 | 228  | 770269   | 47.400  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 547854   | 42.948  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 1237650  | 54.427  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.857 | 276  | 856653   | 42.504  | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 15.010 | 252  | 949877   | 52.319  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.039 | 252  | 830174   | 47.799  | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.368 | 252  | 878244   | 58.202  | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 16.880 | 278  | 733266   | 44.755  | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 17.286 | 276  | 698639   | 41.214  | ng    | 92       |

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

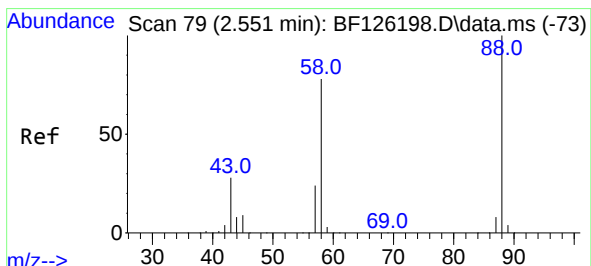
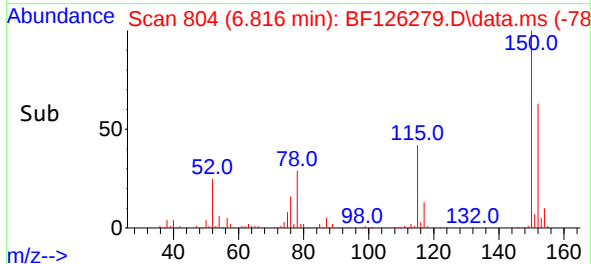
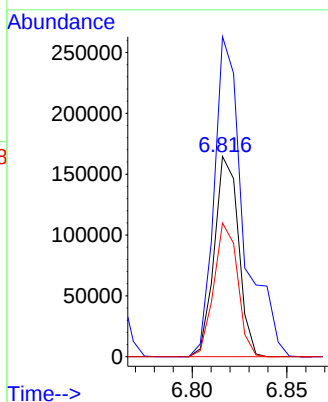
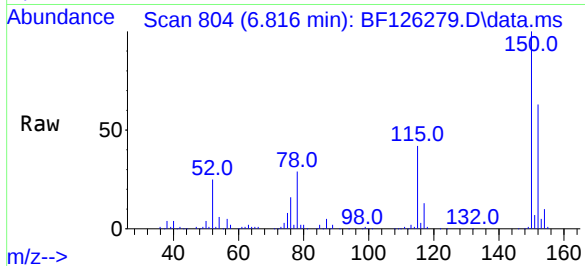




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.816 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

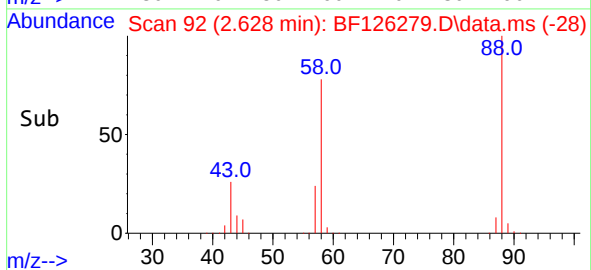
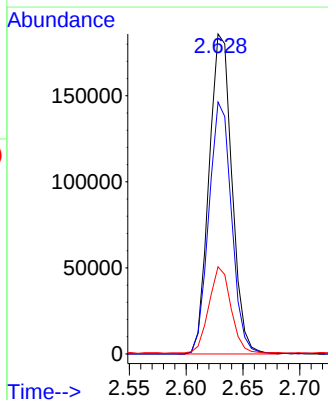
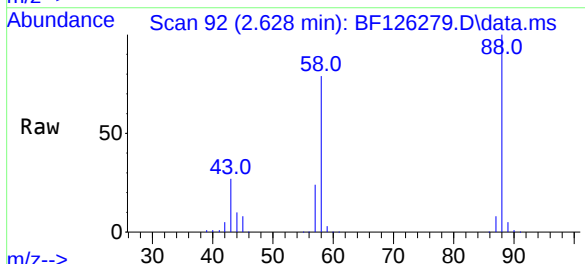
Instrument :  
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NB-8-121721MSD

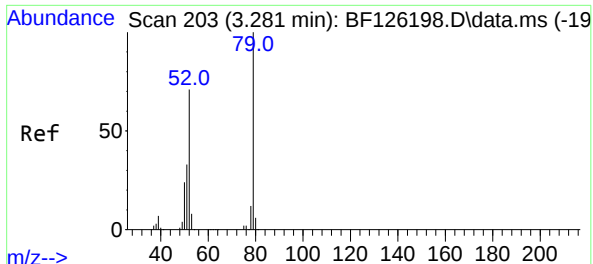
Tgt Ion:152 Resp: 146326  
Ion Ratio Lower Upper  
152 100  
150 159.8 117.6 176.4  
115 66.7 47.1 70.7



#2  
1,4-Dioxane  
Concen: 53.780 ng  
RT: 2.628 min Scan# 92  
Delta R.T. 0.077 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 88 Resp: 260845  
Ion Ratio Lower Upper  
88 100  
58 78.2 0.0 0.0#  
43 26.1 0.0 0.0#

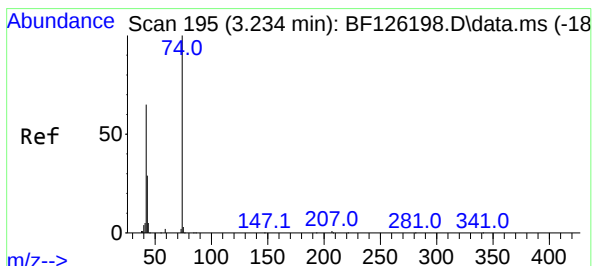
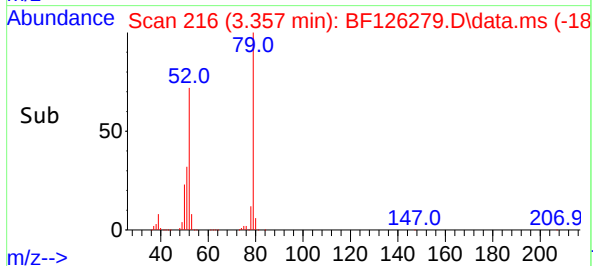
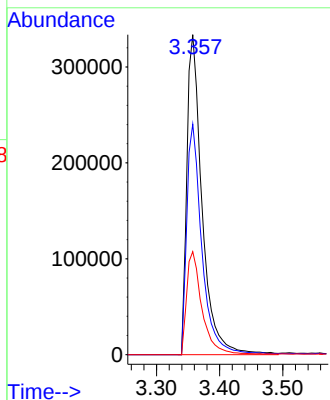
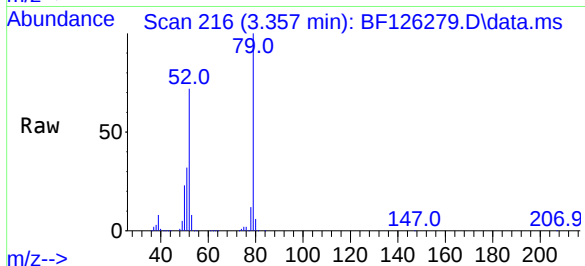




#3  
Pyridine  
Concen: 43.494 ng  
RT: 3.357 min Scan# 21  
Delta R.T. 0.077 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

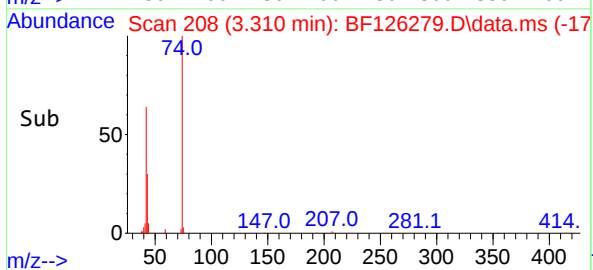
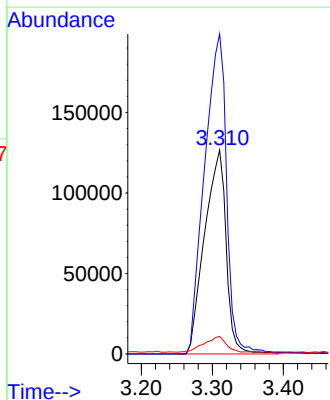
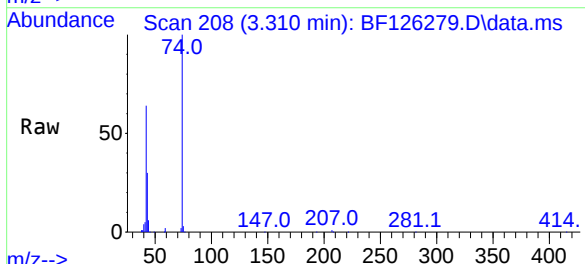
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

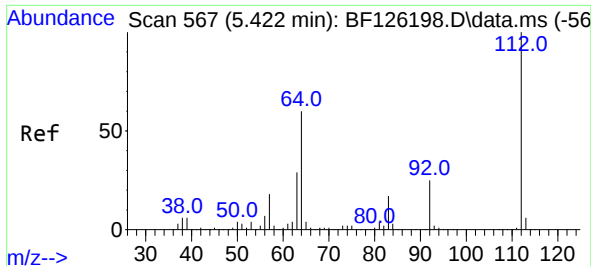
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Ion Ratio Lower Upper  
79 100  
52 72.1 70.3 105.5  
51 32.2 44.1 66.1#



#4  
n-Nitrosodimethylamine  
Concen: 53.966 ng  
RT: 3.310 min Scan# 208  
Delta R.T. 0.077 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 42 Resp: 267152  
Ion Ratio Lower Upper  
42 100  
74 156.9 59.0 88.6#  
44 8.6 0.0 0.0#

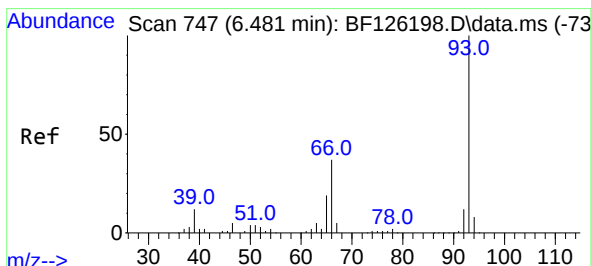
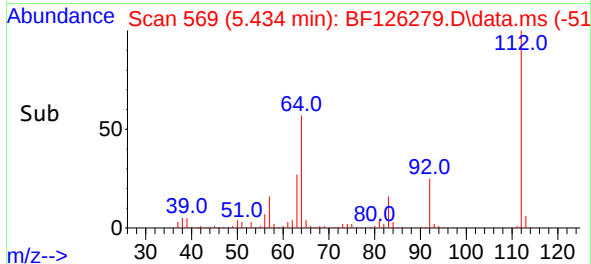
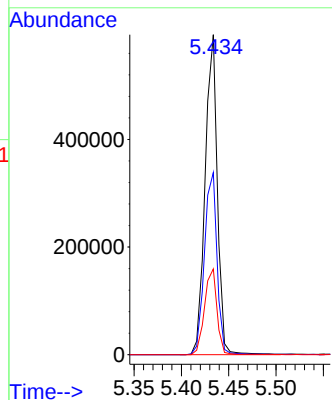
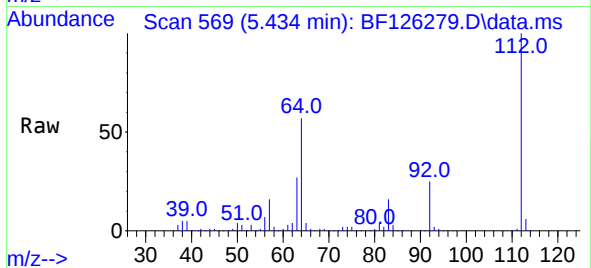




#5  
2-Fluorophenol  
Concen: 53.876 ng  
RT: 5.434 min Scan# 509  
Delta R.T. 0.012 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

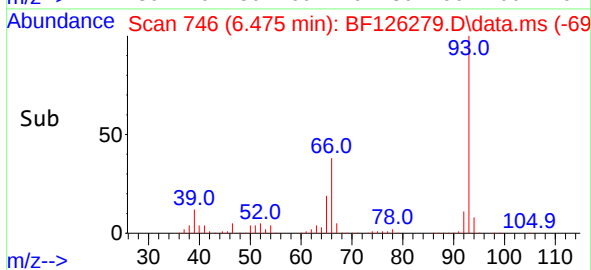
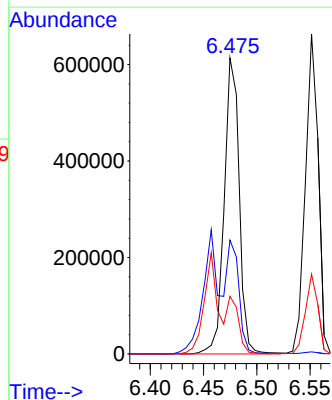
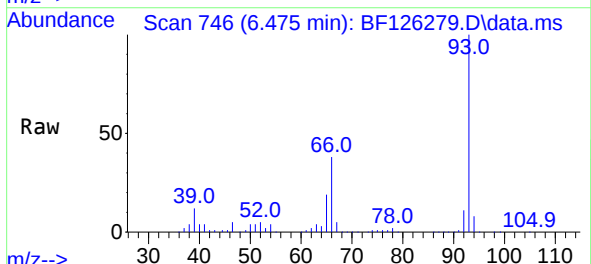
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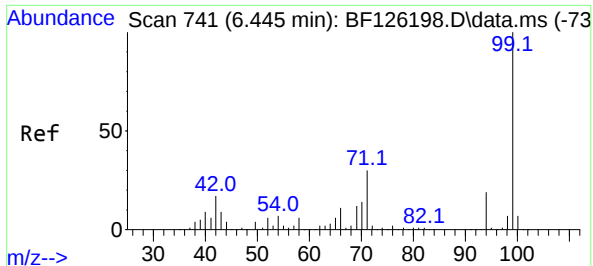
Tgt Ion:112 Resp: 535326  
Ion Ratio Lower Upper  
112 100  
64 56.9 44.2 66.2  
63 26.8 26.2 39.2



#6  
Aniline  
Concen: 37.437 ng  
RT: 6.475 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 93 Resp: 599951  
Ion Ratio Lower Upper  
93 100  
66 38.4 32.7 49.1  
65 19.5 14.2 21.4

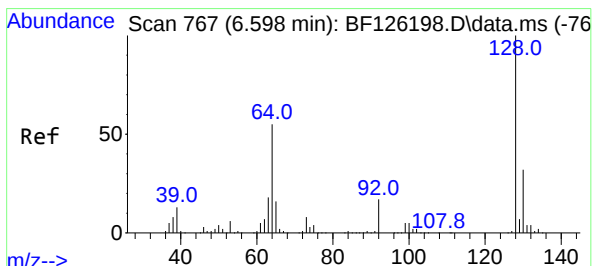
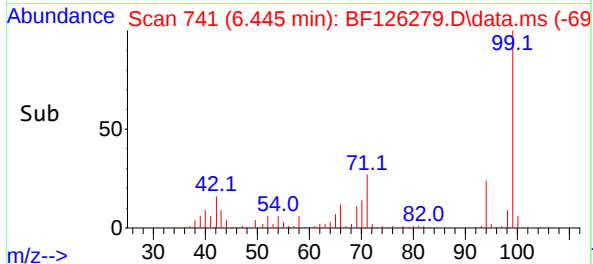
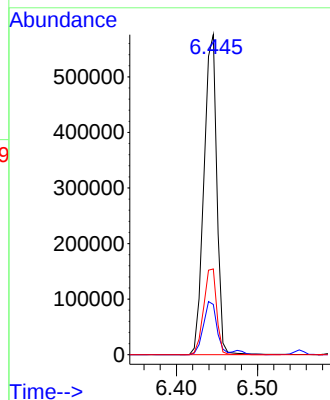
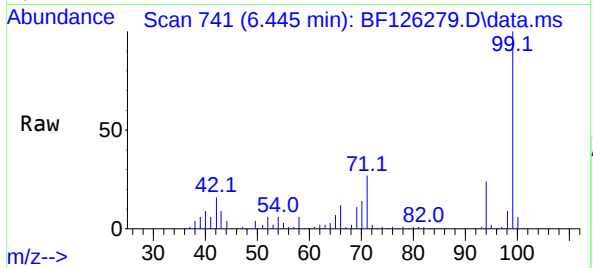




#7  
Phenol-d6  
Concen: 50.186 ng  
RT: 6.445 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

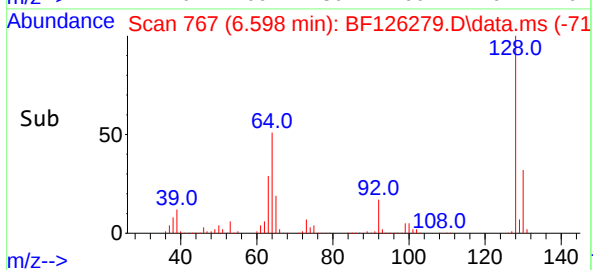
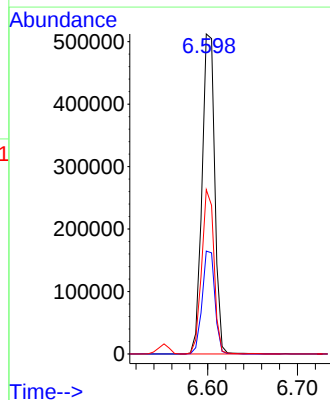
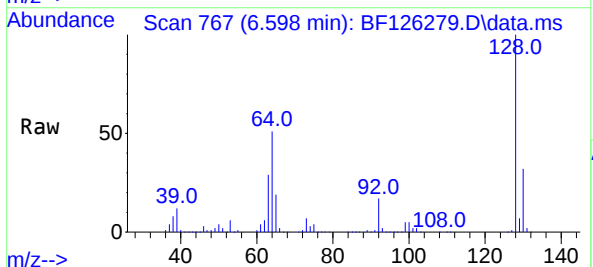
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BNA\_F  
ClientSampleId :  
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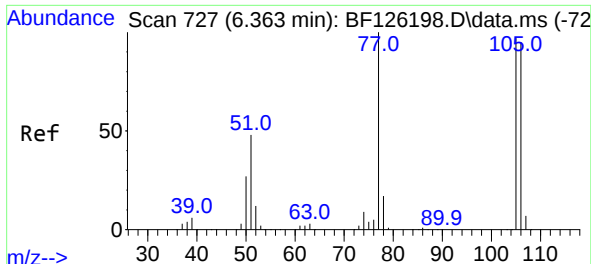
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Ion Ratio Lower Upper  
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42 15.7 23.5 35.3#  
71 26.8 25.6 38.4



#8  
2-Chlorophenol  
Concen: 50.129 ng  
RT: 6.598 min Scan# 767  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:128 Resp: 505104  
Ion Ratio Lower Upper  
128 100  
130 32.2 10.5 50.5  
64 51.3 20.3 60.3



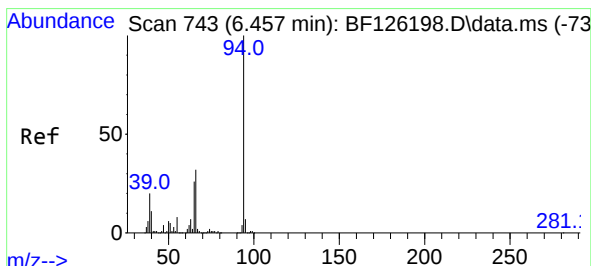
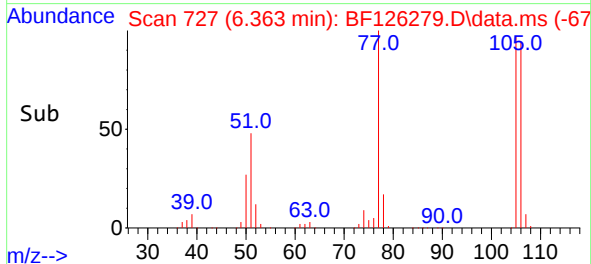
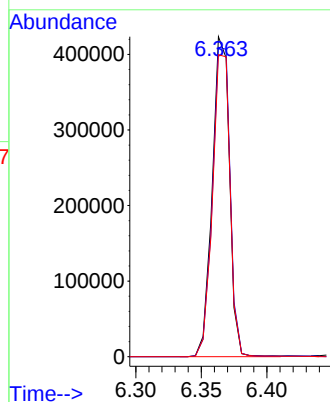
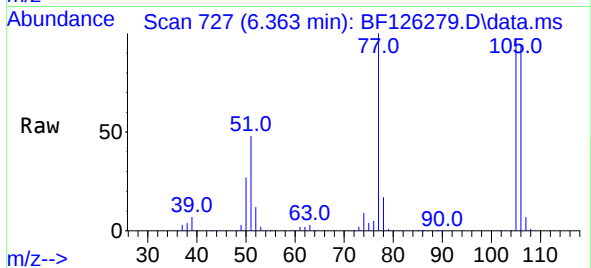


#9  
Benzaldehyde  
Concen: 50.909 ng  
RT: 6.363 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

Tgt Ion: 77 Resp: 387584

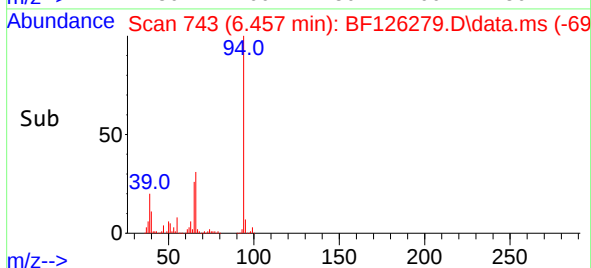
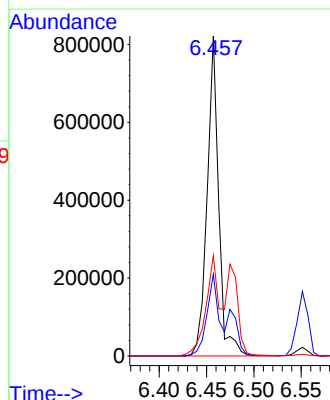
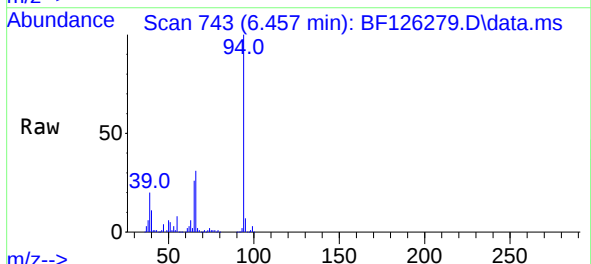
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 96.7  | 75.9  | 115.9 |
| 106 | 94.4  | 84.0  | 124.0 |

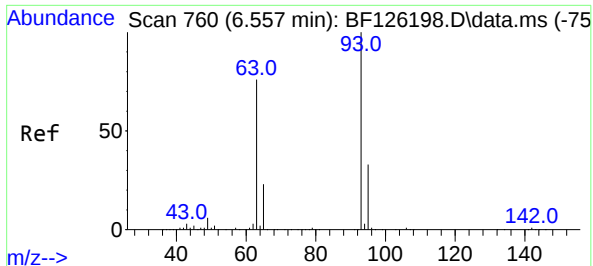


#10  
Phenol  
Concen: 49.304 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 94 Resp: 698253

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.5  | 9.3   | 49.3  |
| 66  | 31.3  | 20.3  | 60.3  |



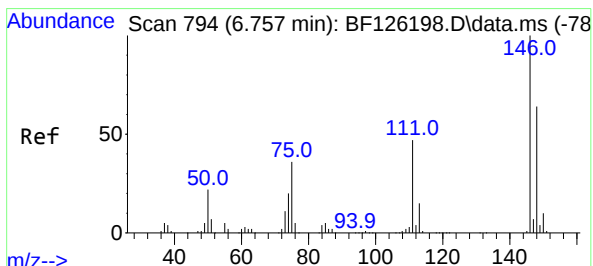
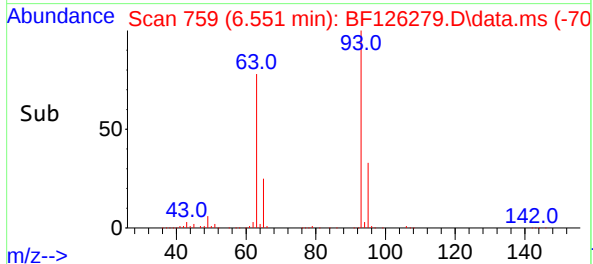
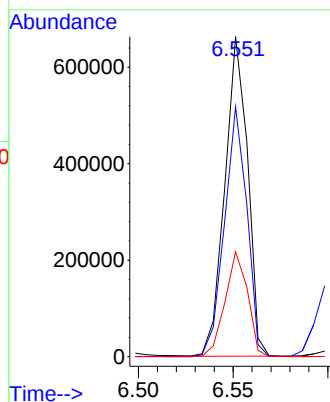
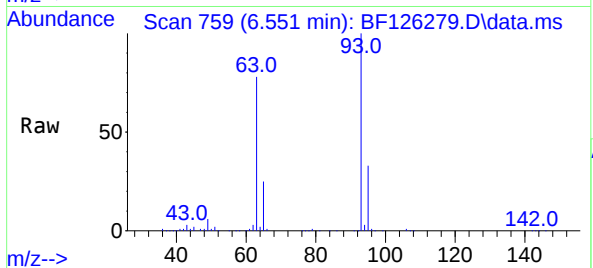


#11  
bis(2-Chloroethyl)ether  
Concen: 50.428 ng  
RT: 6.551 min Scan# 759  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

Tgt Ion: 93 Resp: 554348

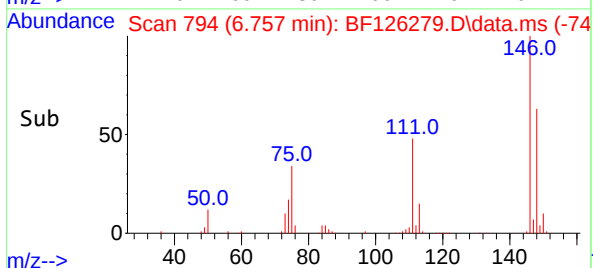
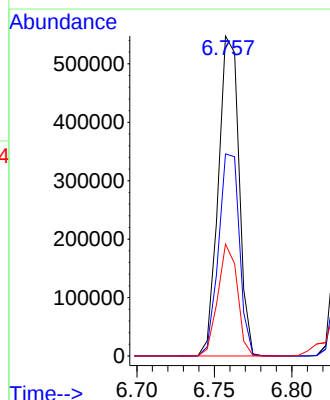
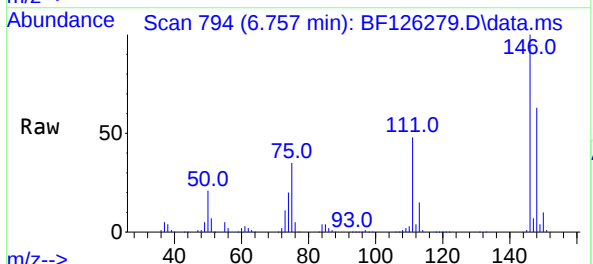
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 78.1  | 54.4  | 94.4  |
| 95  | 32.8  | 11.4  | 51.4  |

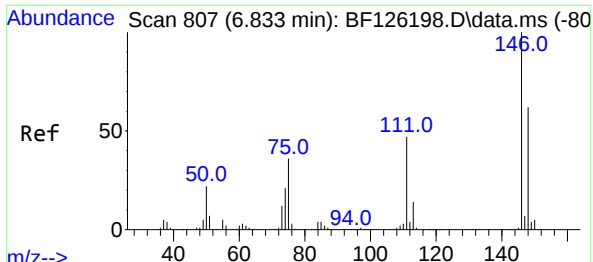


#12  
1,3-Dichlorobenzene  
Concen: 49.922 ng  
RT: 6.757 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 146 Resp: 507421

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.1  | 49.7  | 74.5  |
| 75  | 35.0  | 25.2  | 37.8  |





#13

1,4-Dichlorobenzene

Concen: 50.294 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA\_F

ClientSampleId :

NB-8-121721MSD

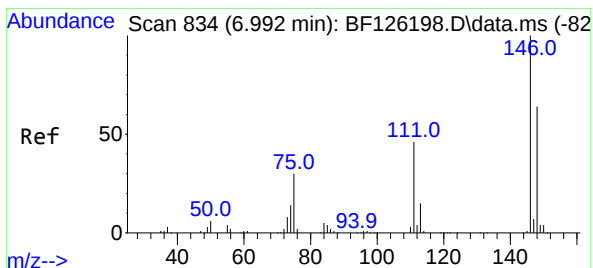
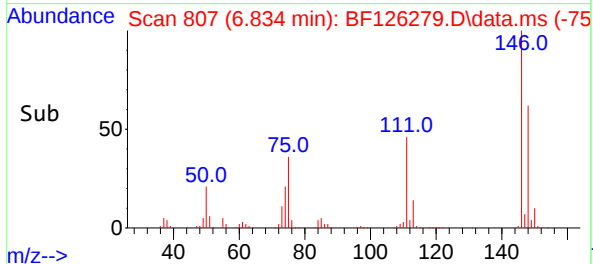
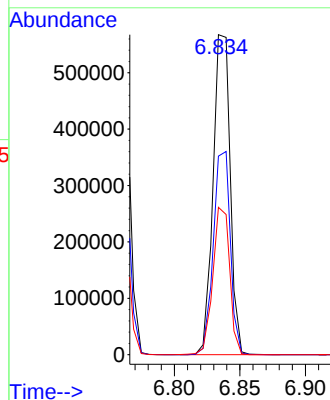
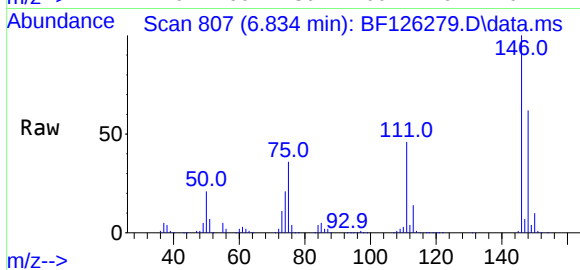
Tgt Ion:146 Resp: 516234

Ion Ratio Lower Upper

146 100

148 62.0 51.9 77.9

111 46.1 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 51.088 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

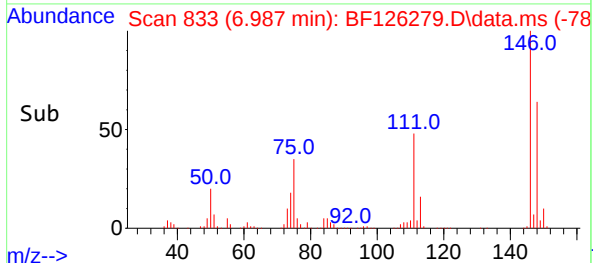
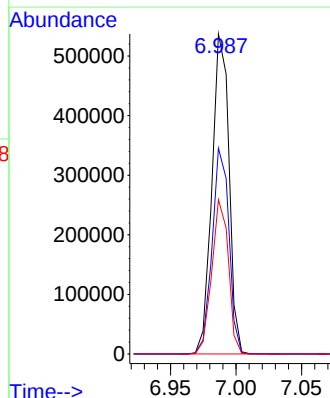
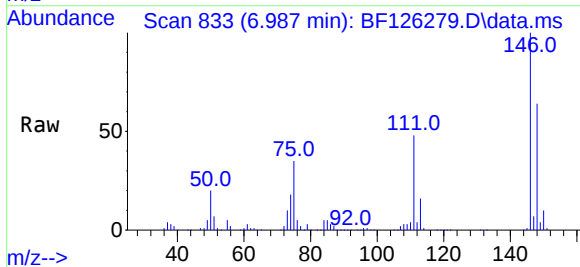
Tgt Ion:146 Resp: 484843

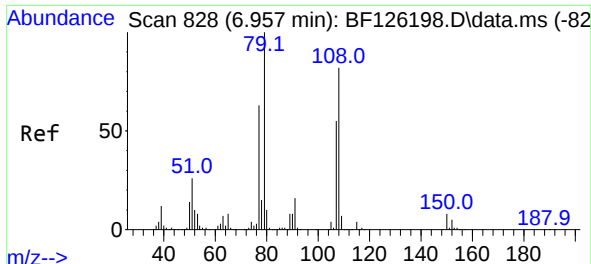
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

111 48.2 33.5 50.3

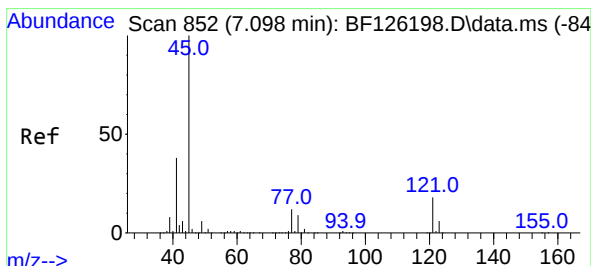
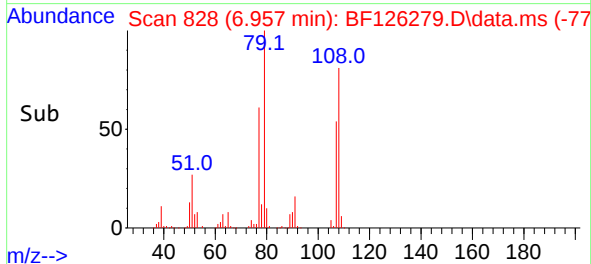
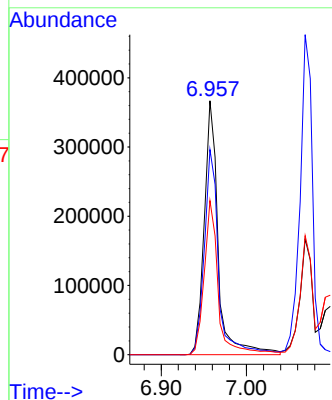
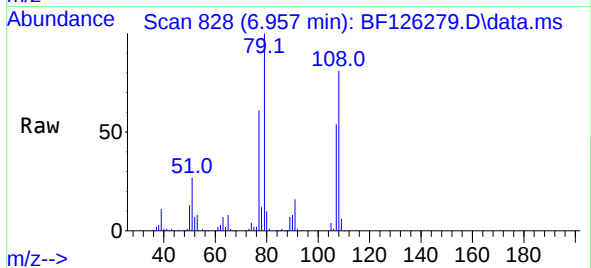




#15  
Benzyl Alcohol  
Concen: 45.265 ng  
RT: 6.957 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

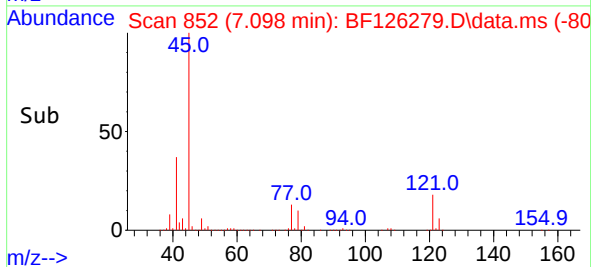
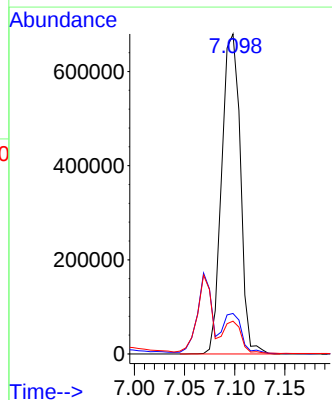
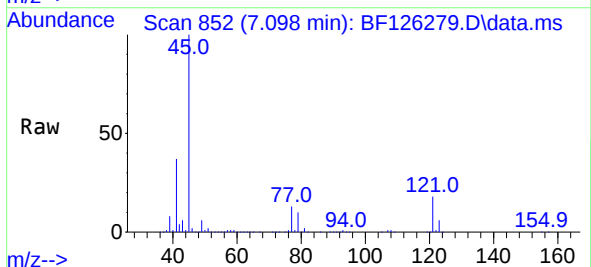
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

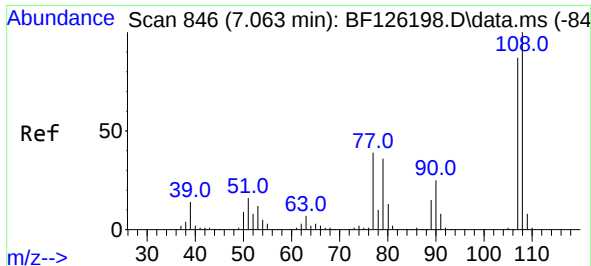
Tgt Ion: 79 Resp: 416904  
Ion Ratio Lower Upper  
79 100  
108 80.8 60.4 90.6  
77 60.7 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.712 ng  
RT: 7.098 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 45 Resp: 876294  
Ion Ratio Lower Upper  
45 100  
77 12.7 0.0 30.6  
79 10.3 0.0 27.5

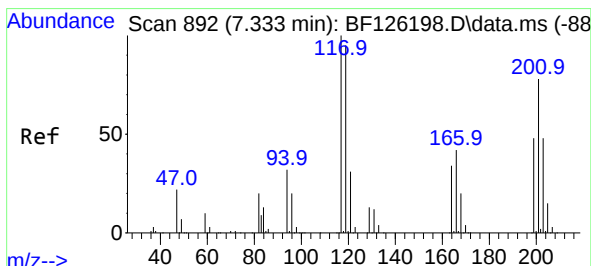
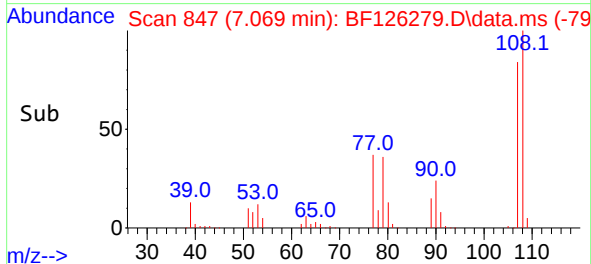
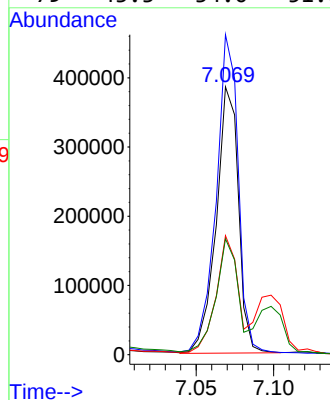
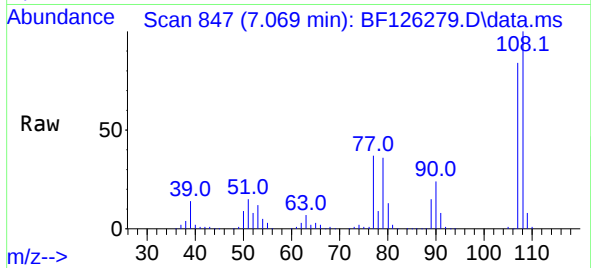




#17  
2-Methylphenol  
Concen: 43.516 ng  
RT: 7.069 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

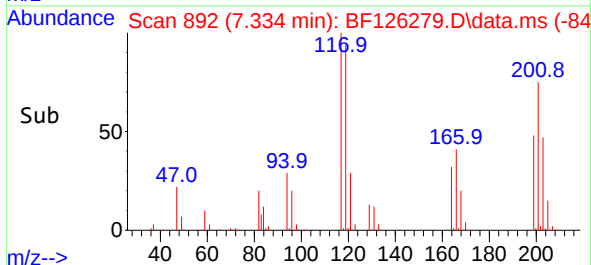
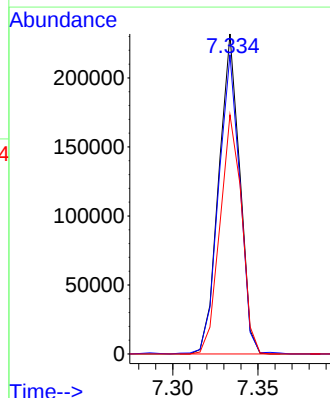
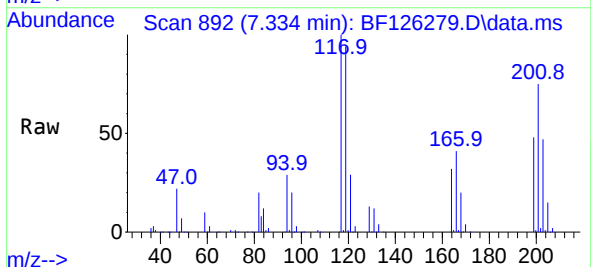
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

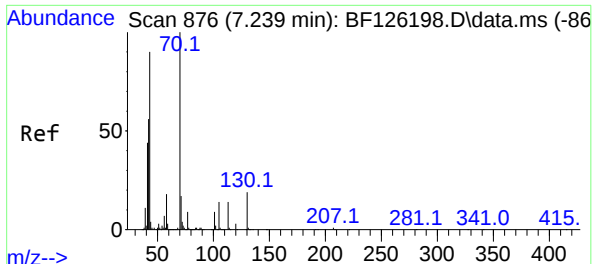
Tgt Ion:107 Resp: 384119  
Ion Ratio Lower Upper  
107 100  
108 119.5 90.6 135.8  
77 44.5 35.7 53.5  
79 43.3 34.0 51.0



#18  
Hexachloroethane  
Concen: 49.048 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:117 Resp: 198026  
Ion Ratio Lower Upper  
117 100  
119 93.6 73.4 110.2  
201 74.7 64.9 97.3

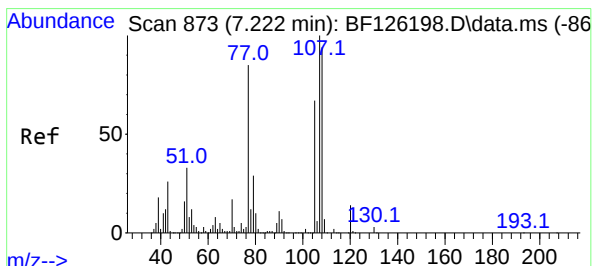
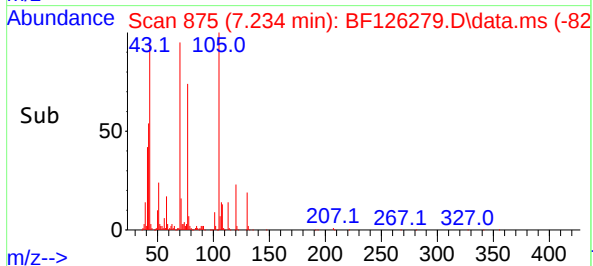
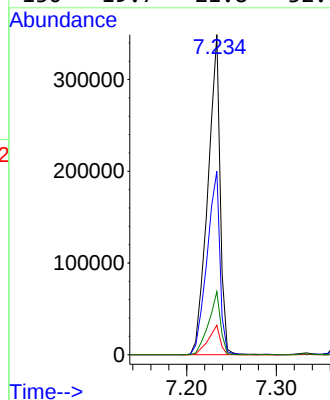
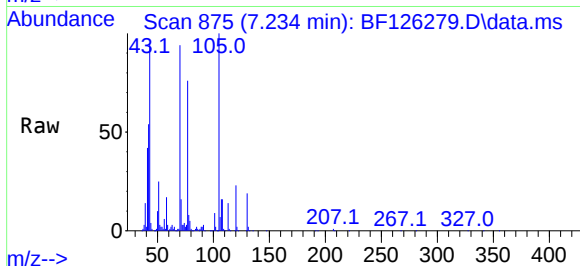




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.896 ng  
RT: 7.234 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

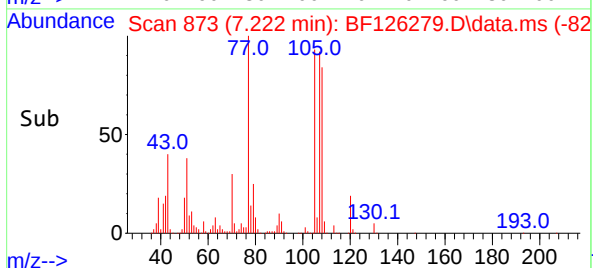
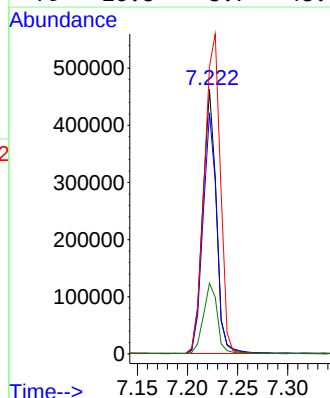
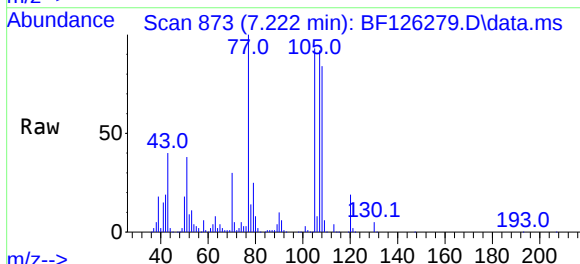
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

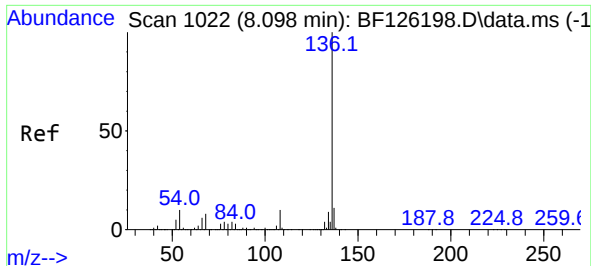
Tgt Ion: 70 Resp: 332241  
Ion Ratio Lower Upper  
70 100  
42 57.3 72.2 108.2#  
101 9.2 7.8 11.8  
130 19.7 21.8 32.6#



#20  
3+4-Methylphenols  
Concen: 41.997 ng  
RT: 7.222 min Scan# 873  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 107 Resp: 438249  
Ion Ratio Lower Upper  
107 100  
108 91.2 76.6 116.6  
77 108.7 53.3 93.3#  
79 26.8 8.7 48.7



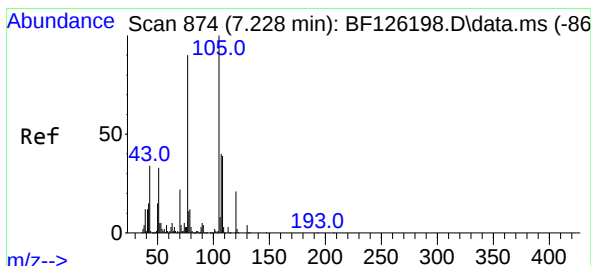
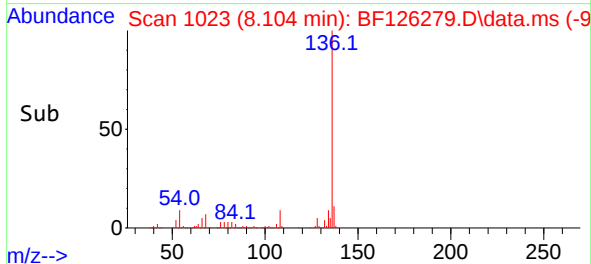
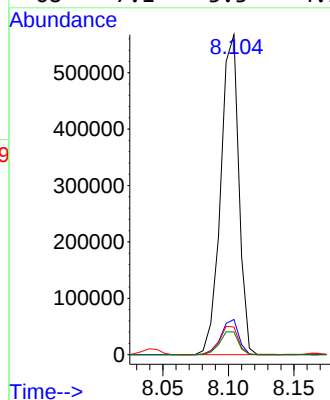
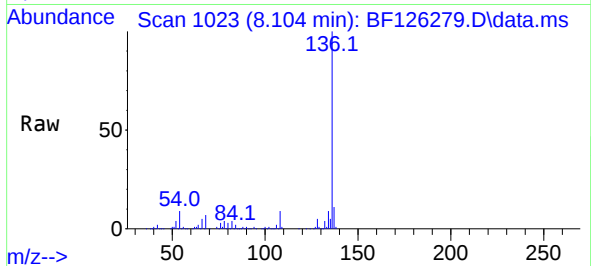


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

Tgt Ion:136 Resp: 545447

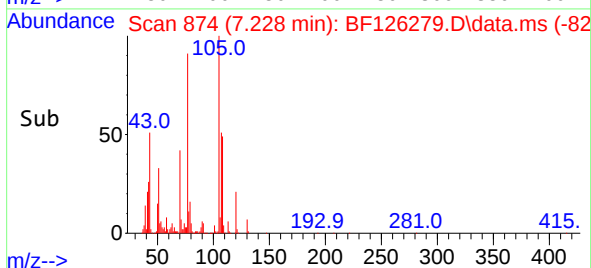
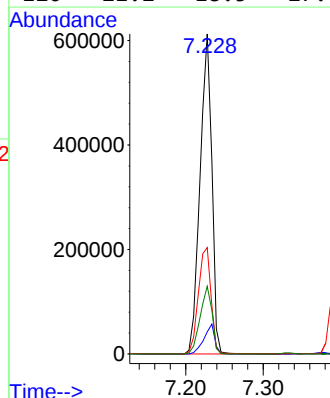
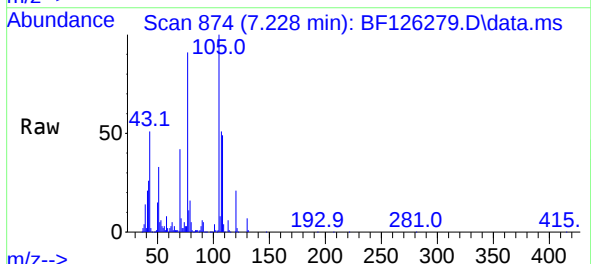
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.8   | 14.6  |
| 54  | 8.6   | 6.4   | 9.6   |
| 68  | 7.1   | 3.3   | 4.9   |

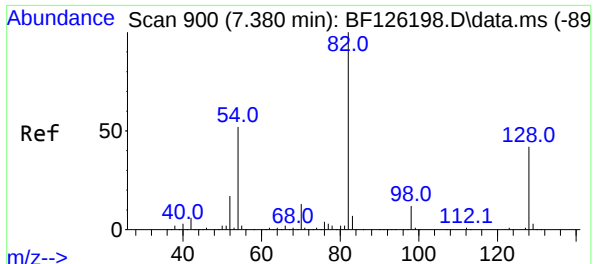


#22  
Acetophenone  
Concen: 51.625 ng  
RT: 7.228 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:105 Resp: 648064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 6.9   | 5.5   | 8.3   |
| 51  | 33.2  | 26.0  | 39.0  |
| 120 | 21.2  | 18.5  | 27.7  |





#23

Nitrobenzene-d5

Concen: 38.534 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA\_F

ClientSampleId :

NB-8-121721MSD

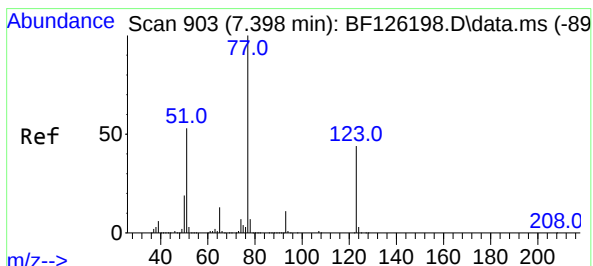
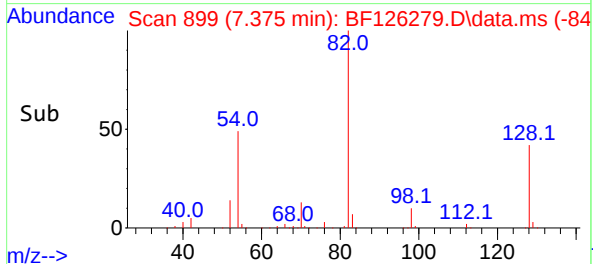
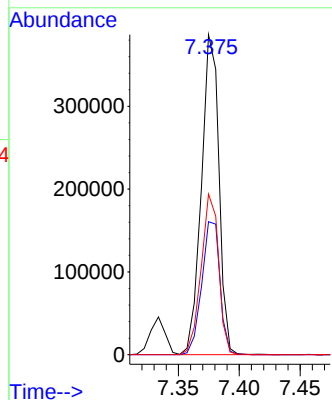
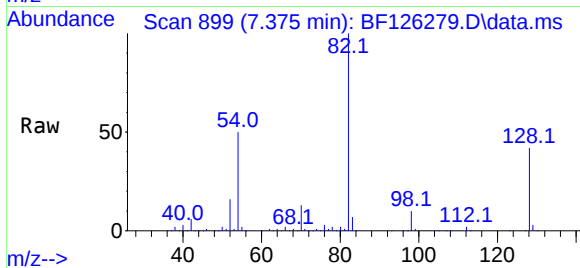
Tgt Ion: 82 Resp: 388083

Ion Ratio Lower Upper

82 100

128 41.5 40.6 60.8

54 50.2 49.6 74.4



#24

Nitrobenzene

Concen: 52.633 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

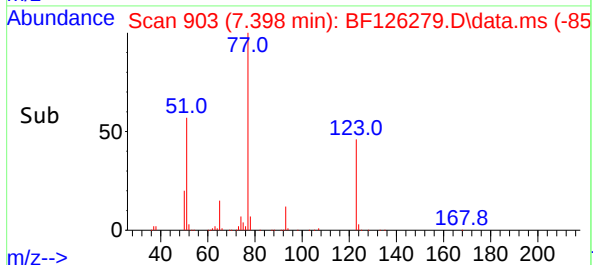
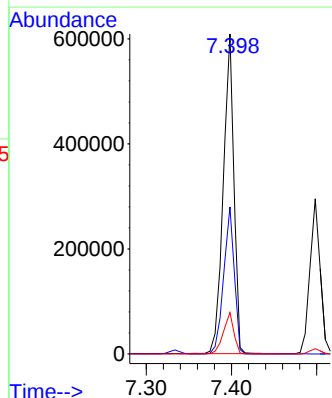
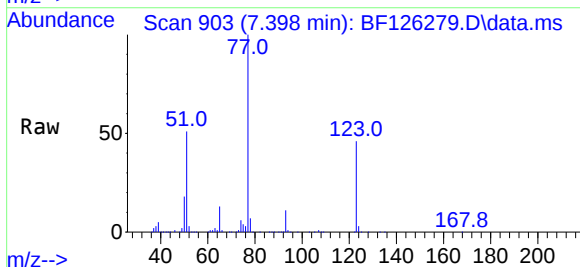
Tgt Ion: 77 Resp: 529160

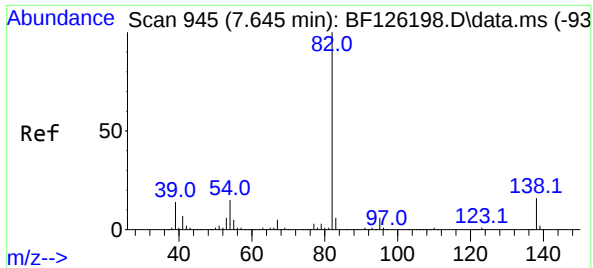
Ion Ratio Lower Upper

77 100

123 45.9 42.3 63.5

65 12.9 12.4 18.6

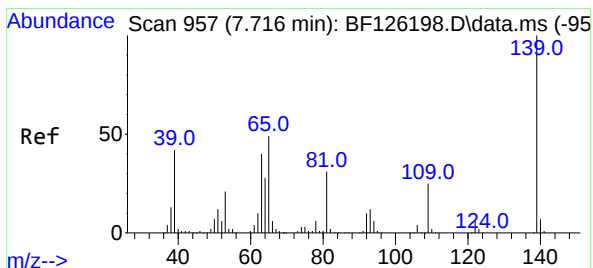
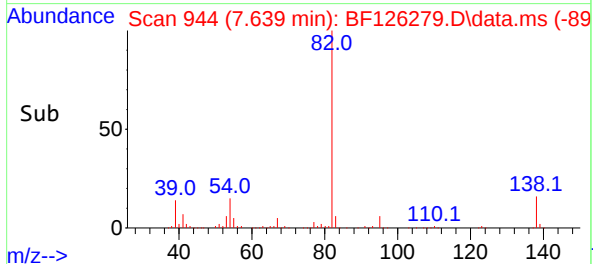
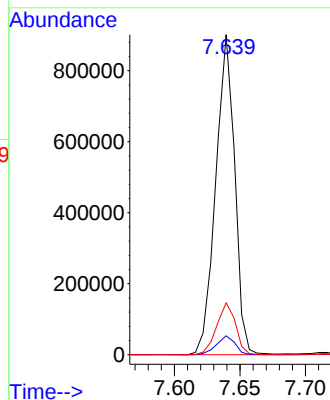
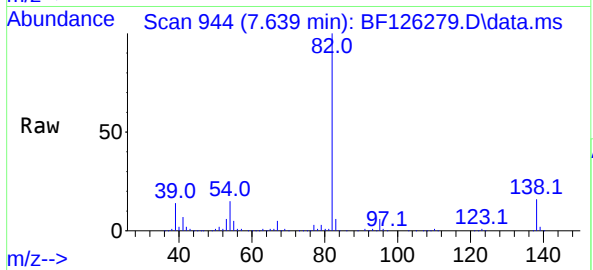




#25  
Isophorone  
Concen: 47.733 ng  
RT: 7.639 min Scan# 944  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

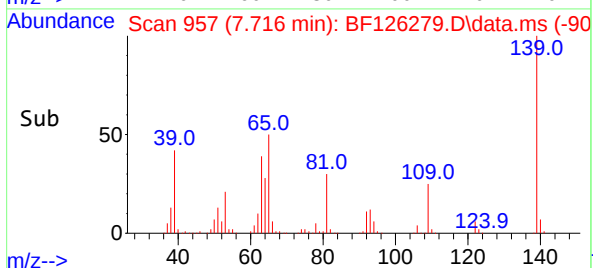
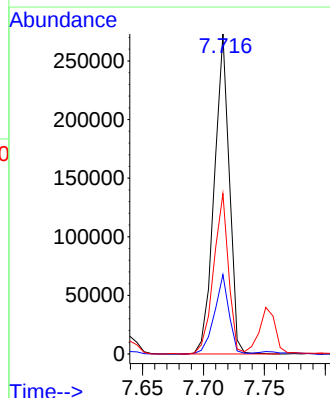
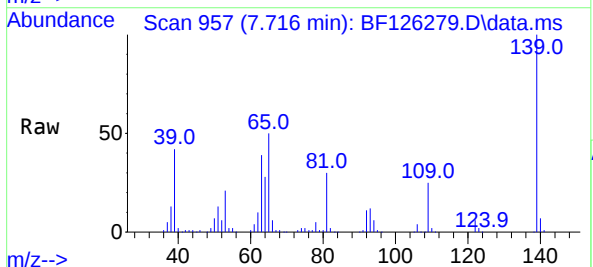
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

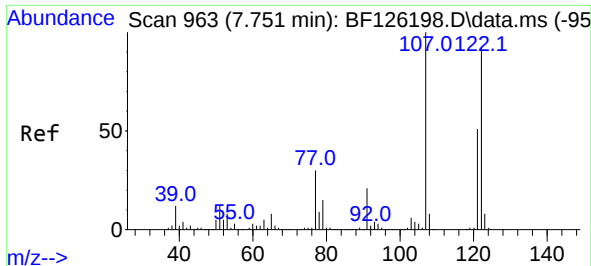
Tgt Ion: 82 Resp: 907811  
Ion Ratio Lower Upper  
82 100  
95 5.9 6.5 9.7#  
138 16.2 18.4 27.6#



#26  
2-Nitrophenol  
Concen: 51.590 ng  
RT: 7.716 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:139 Resp: 233819  
Ion Ratio Lower Upper  
139 100  
109 24.8 26.0 39.0#  
65 50.1 31.0 46.4#

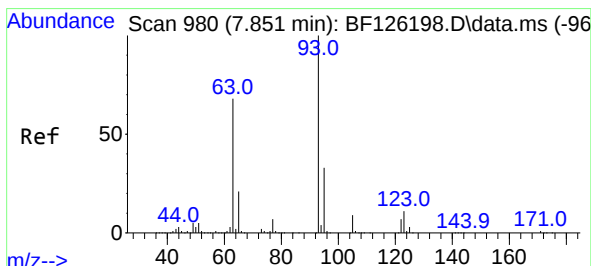
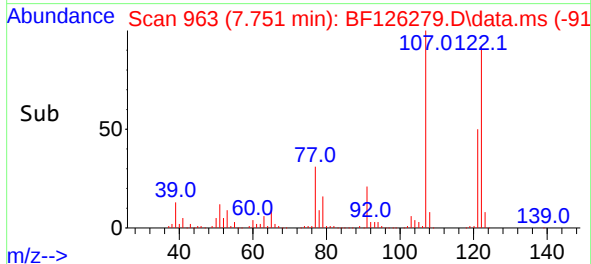
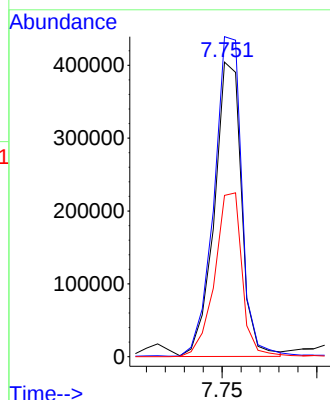
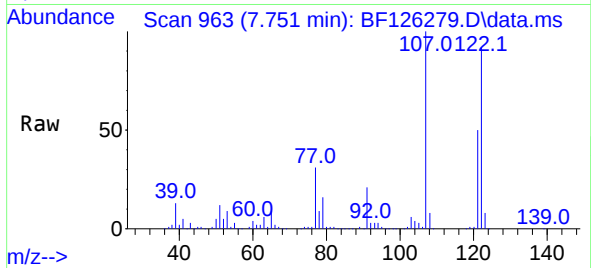




#27  
2,4-Dimethylphenol  
Concen: 52.423 ng  
RT: 7.751 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

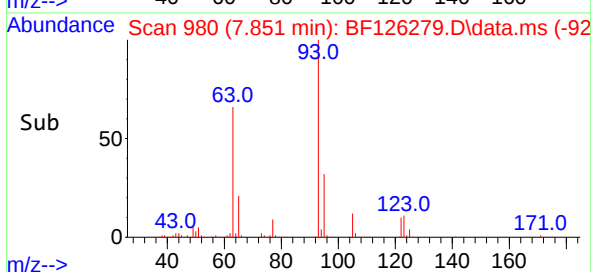
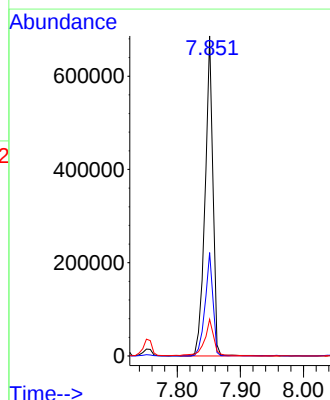
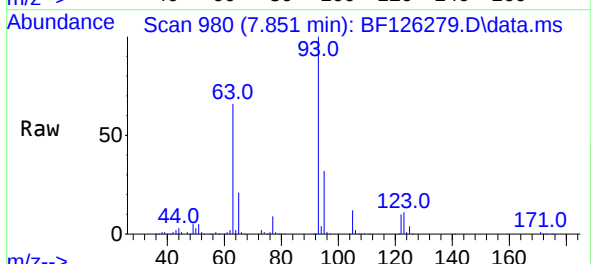
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

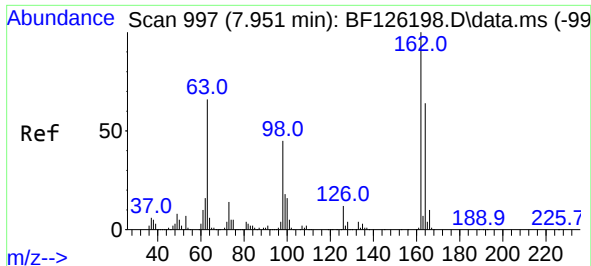
Tgt Ion:122 Resp: 403491  
Ion Ratio Lower Upper  
122 100  
107 108.6 85.0 127.6  
121 54.7 43.3 64.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.622 ng  
RT: 7.851 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 93 Resp: 595471  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.1 39.1  
123 11.4 11.7 17.5#

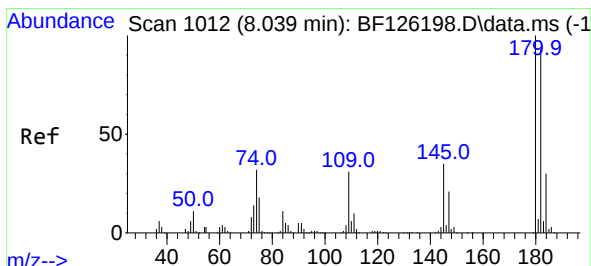
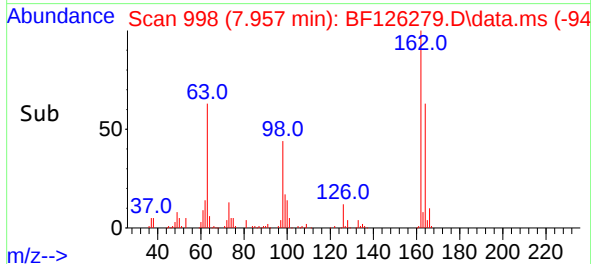
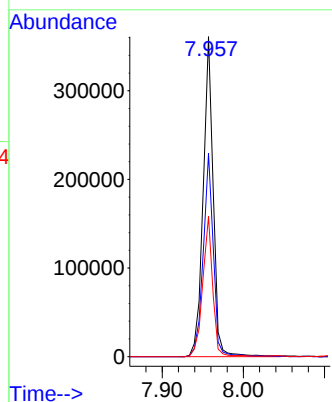
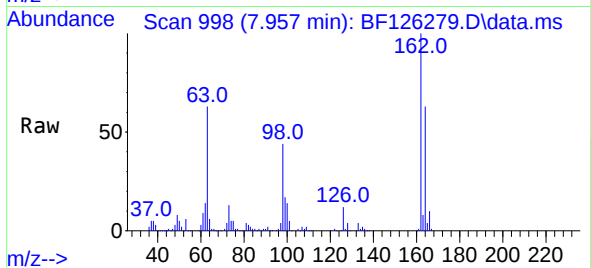




#29  
2,4-Dichlorophenol  
Concen: 45.893 ng  
RT: 7.957 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

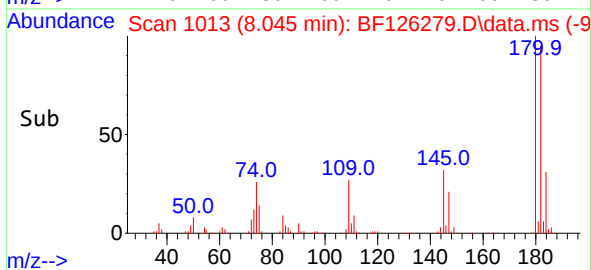
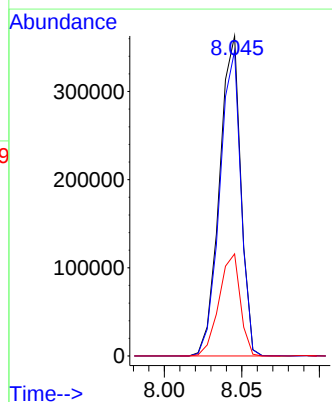
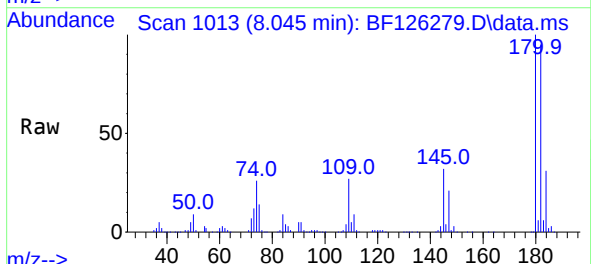
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

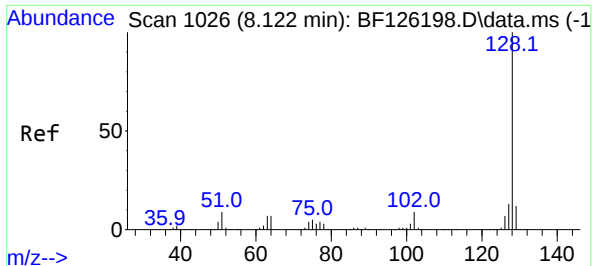
Tgt Ion:162 Resp: 313983  
Ion Ratio Lower Upper  
162 100  
164 63.5 44.5 84.5  
98 43.9 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 48.996 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:180 Resp: 346736  
Ion Ratio Lower Upper  
180 100  
182 95.4 76.8 115.2  
145 31.9 26.7 40.1



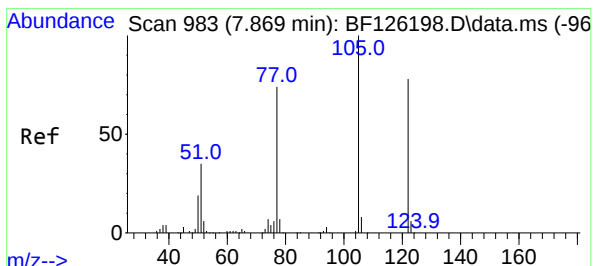
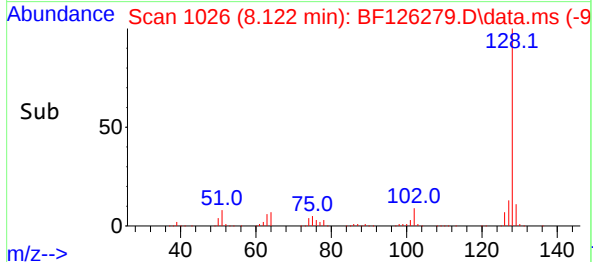
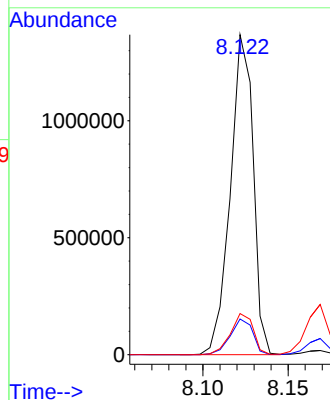
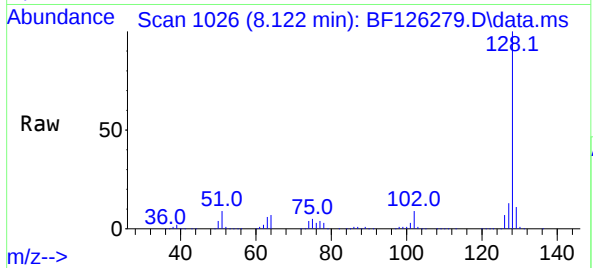


#31  
Naphthalene  
Concen: 49.913 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

Tgt Ion:128 Resp: 1273194

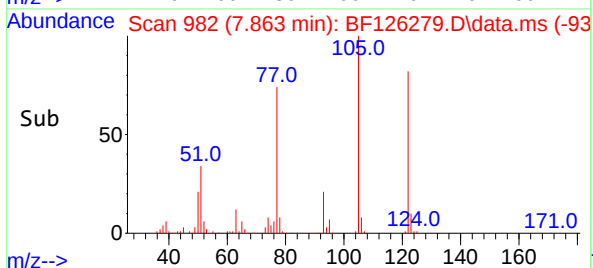
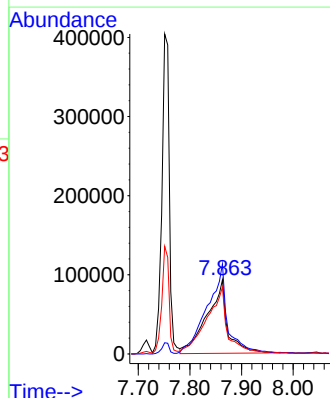
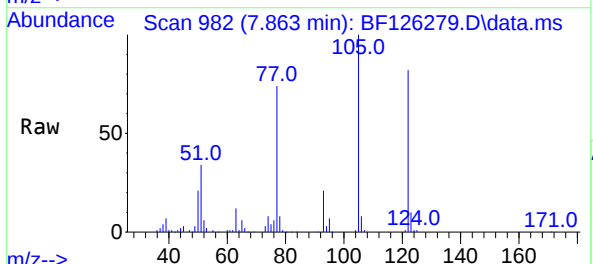
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.2  | 9.4   | 14.0  |
| 127 | 12.8  | 10.9  | 16.3  |

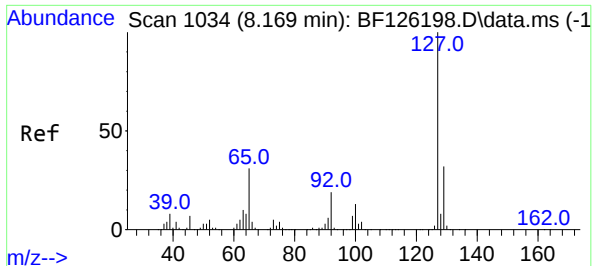


#32  
Benzoic acid  
Concen: 38.520 ng  
RT: 7.863 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:122 Resp: 255418

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 121.4 | 97.6  | 137.6 |
| 77  | 90.4  | 59.6  | 99.6  |



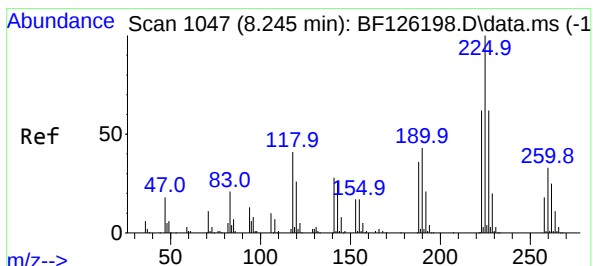
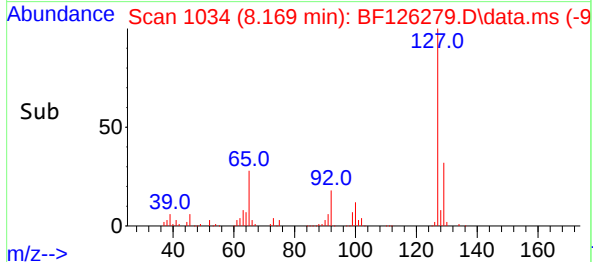
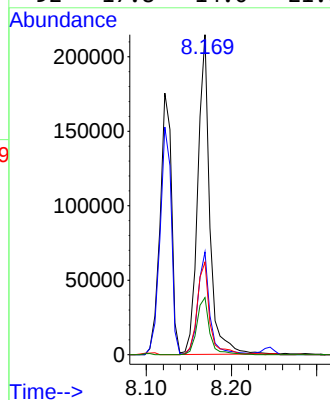
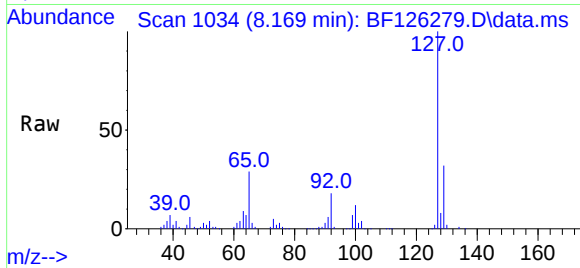


#33  
4-Chloroaniline  
Concen: 19.711 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

Tgt Ion:127 Resp: 209931

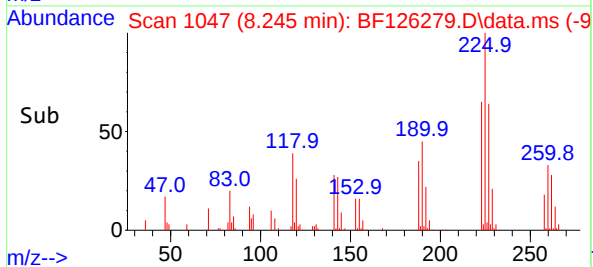
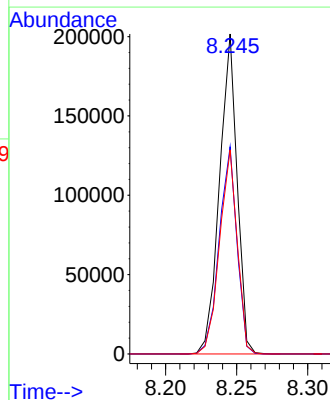
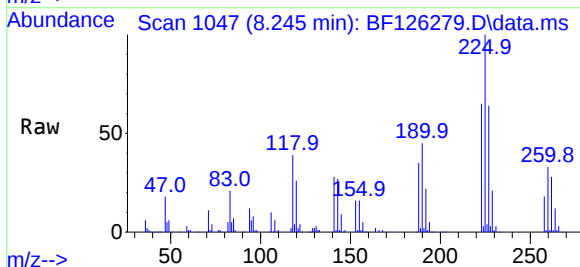
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.1  | 25.7  | 38.5  |
| 65  | 28.9  | 21.2  | 31.8  |
| 92  | 17.8  | 14.0  | 21.0  |

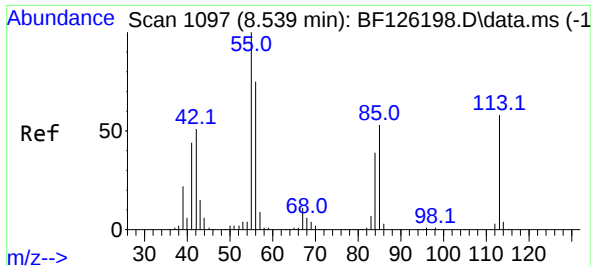


#34  
Hexachlorobutadiene  
Concen: 49.883 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:225 Resp: 173375

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 64.8  | 50.6  | 76.0  |
| 227 | 63.8  | 50.6  | 75.8  |

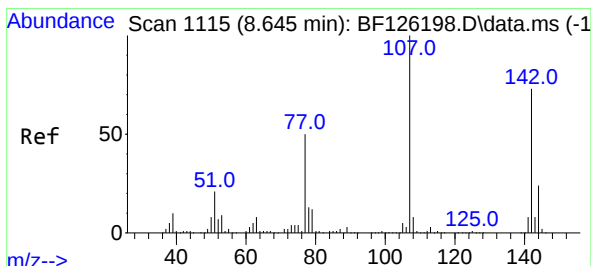
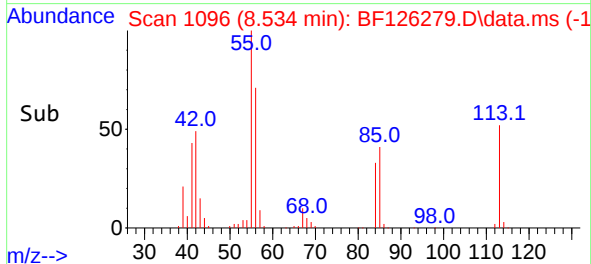
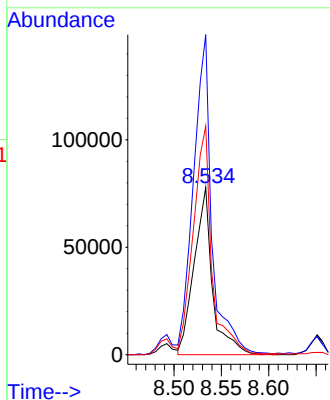
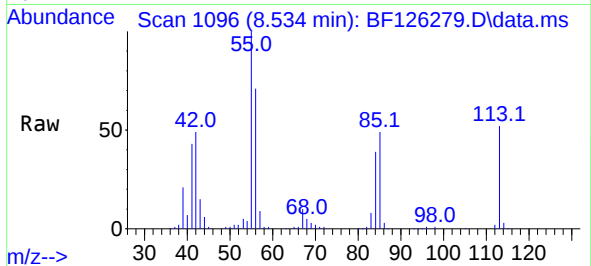




#35  
 Caprolactam  
 Concen: 61.825 ng  
 RT: 8.534 min Scan# 1097  
 Delta R.T. -0.006 min  
 Lab File: BF126279.D  
 Acq: 20 Dec 2021 15:35

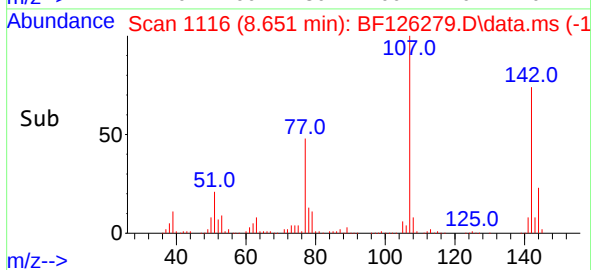
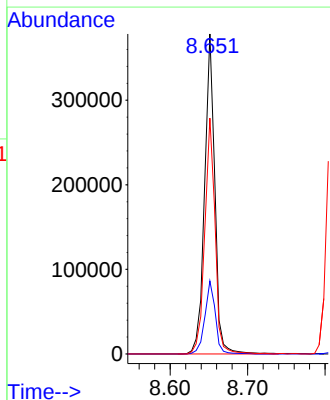
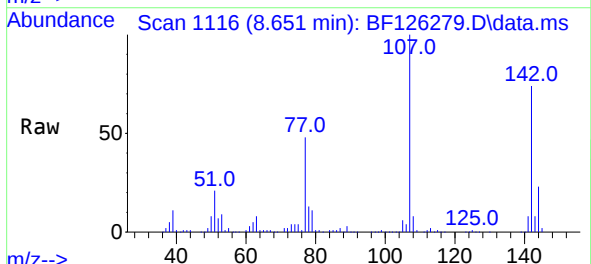
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-8-121721MSD

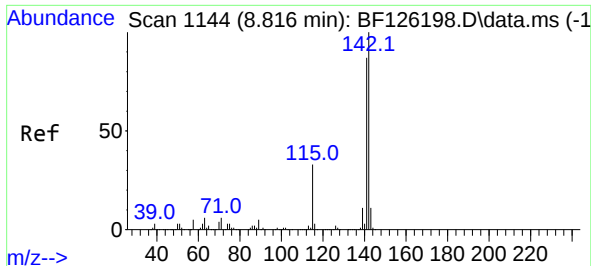
Tgt Ion:113 Resp: 105123  
 Ion Ratio Lower Upper  
 113 100  
 55 191.4 154.1 194.1  
 56 136.8 108.7 148.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.984 ng  
 RT: 8.651 min Scan# 1116  
 Delta R.T. 0.006 min  
 Lab File: BF126279.D  
 Acq: 20 Dec 2021 15:35

Tgt Ion:107 Resp: 346898  
 Ion Ratio Lower Upper  
 107 100  
 144 22.8 21.9 32.9  
 142 73.7 67.1 100.7





#37

2-Methylnaphthalene

Concen: 48.074 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA\_F

ClientSampleId :

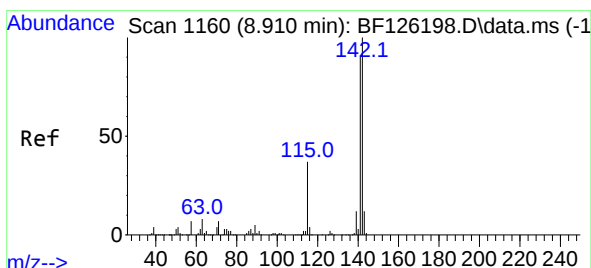
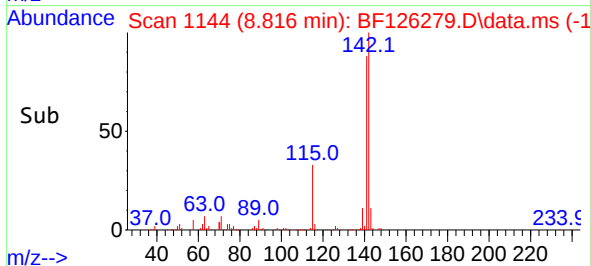
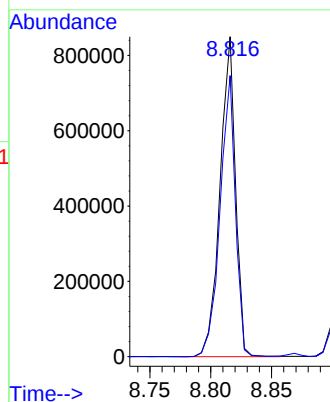
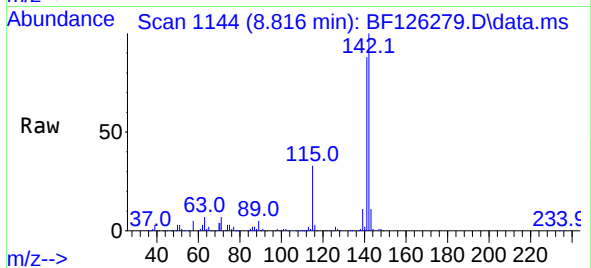
NB-8-121721MSD

Tgt Ion:142 Resp: 755183

Ion Ratio Lower Upper

142 100

141 87.8 71.2 106.8



#38

1-Methylnaphthalene

Concen: 45.016 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF126279.D

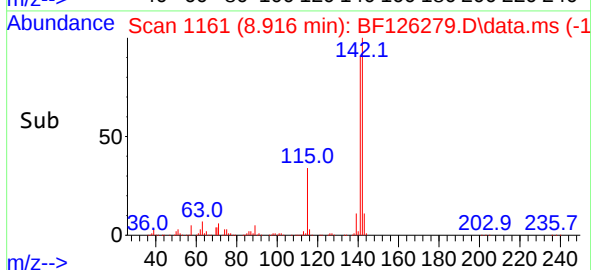
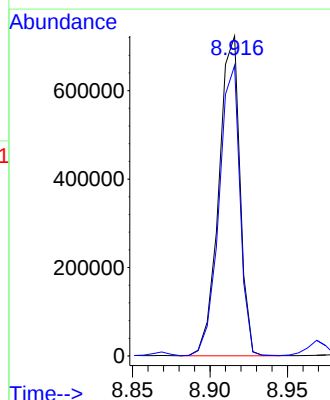
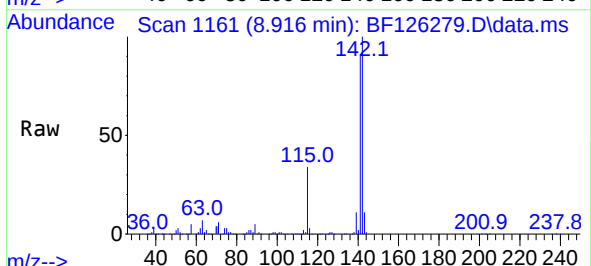
Acq: 20 Dec 2021 15:35

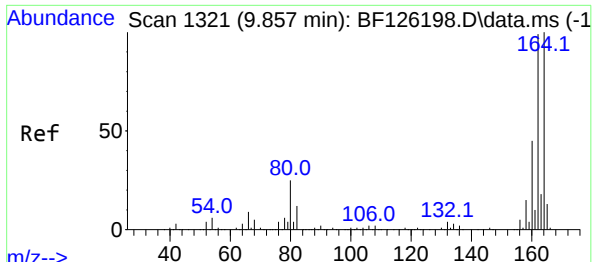
Tgt Ion:142 Resp: 686253

Ion Ratio Lower Upper

142 100

141 90.8 76.0 114.0

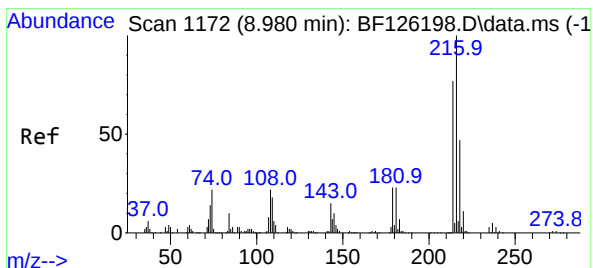
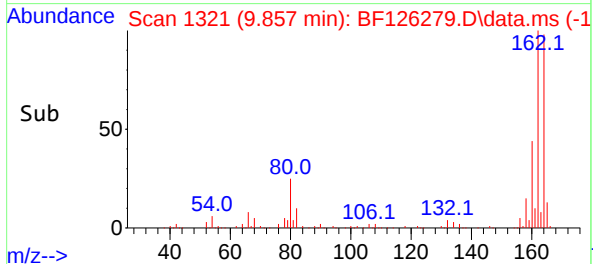
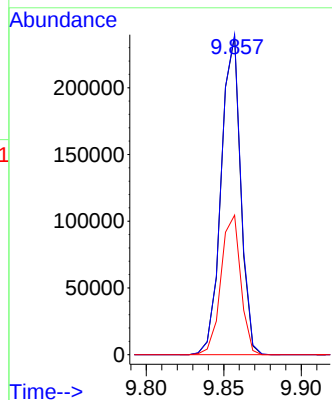
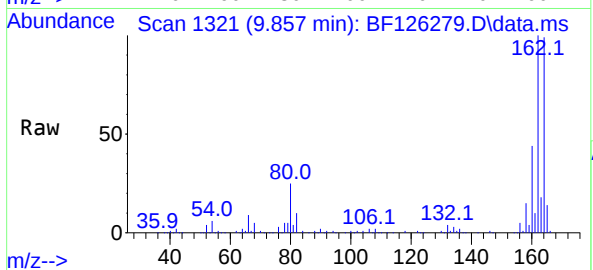




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.857 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

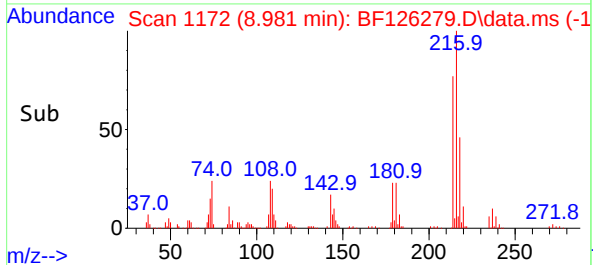
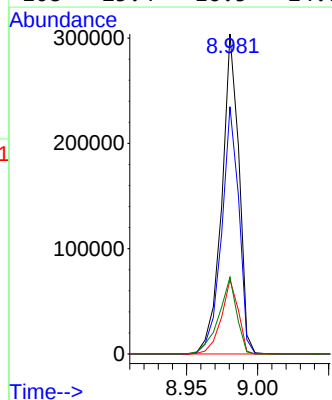
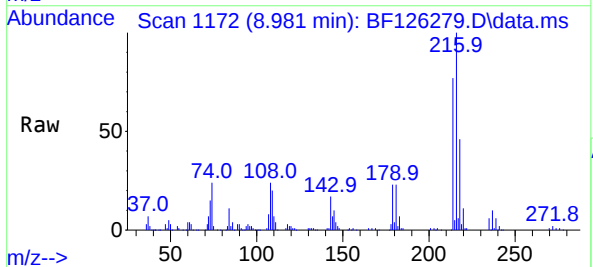
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

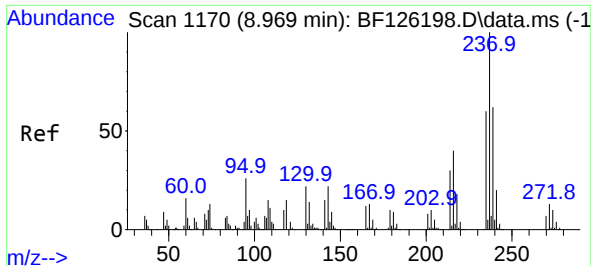
Tgt Ion:164 Resp: 207588  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.3 121.9  
160 43.9 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 56.699 ng  
RT: 8.981 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:216 Resp: 254029  
Ion Ratio Lower Upper  
216 100  
214 77.8 64.9 97.3  
179 23.0 17.4 26.2  
108 25.4 16.5 24.7#

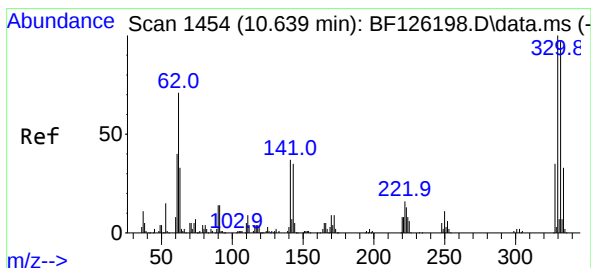
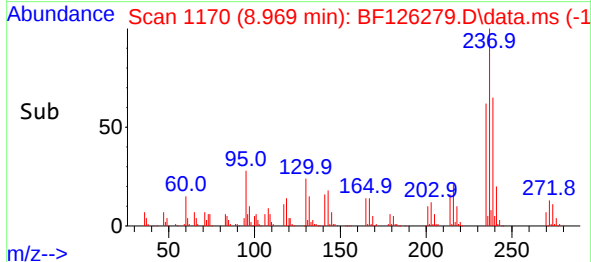
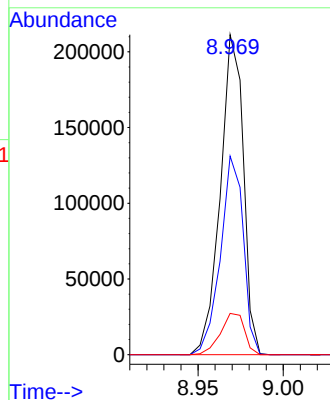
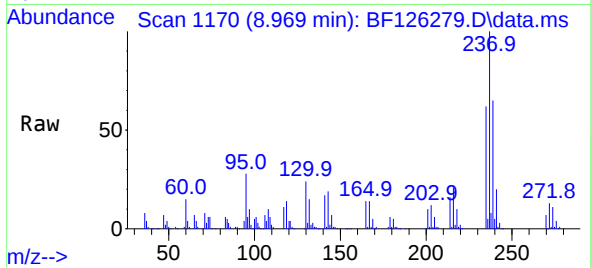




#41  
Hexachlorocyclopentadiene  
Concen: 77.588 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

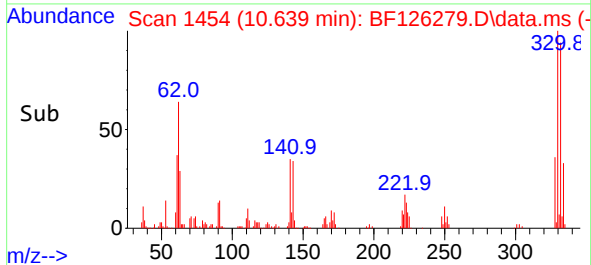
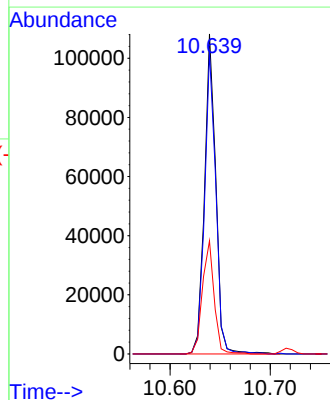
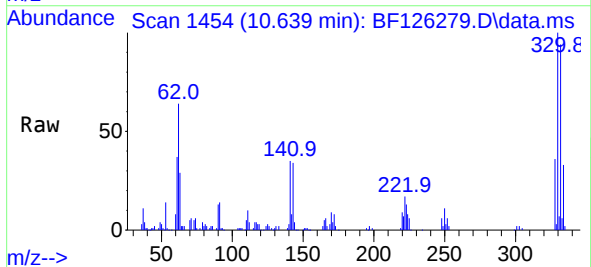
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

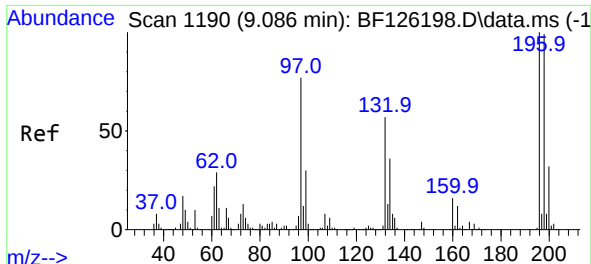
Tgt Ion:237 Resp: 199062  
Ion Ratio Lower Upper  
237 100  
235 62.1 44.7 84.7  
272 12.9 0.0 31.6



#42  
2,4,6-Tribromophenol  
Concen: 50.854 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:330 Resp: 84838  
Ion Ratio Lower Upper  
330 100  
332 94.0 76.2 114.4  
141 36.9 44.6 66.8#

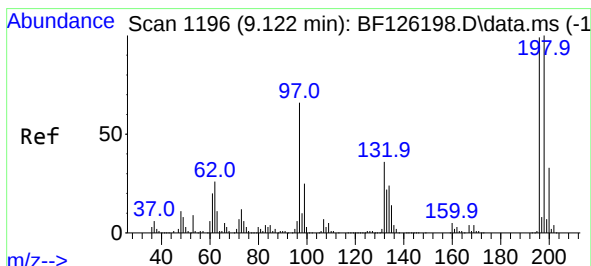
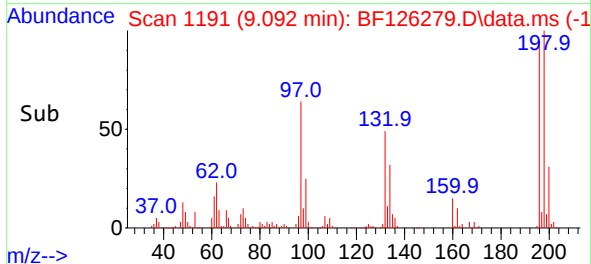
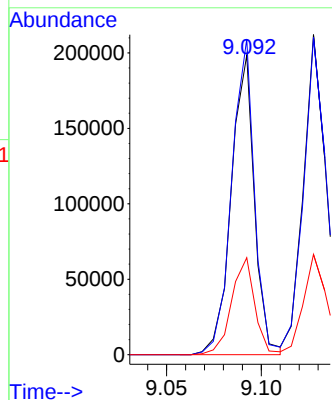
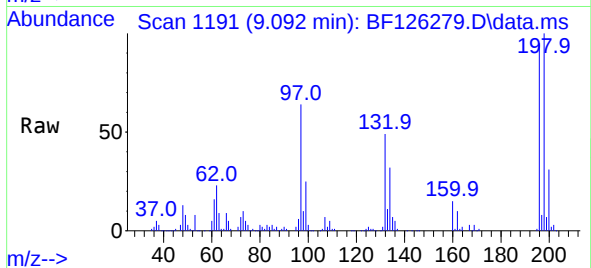




#43  
2,4,6-Trichlorophenol  
Concen: 47.979 ng  
RT: 9.092 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

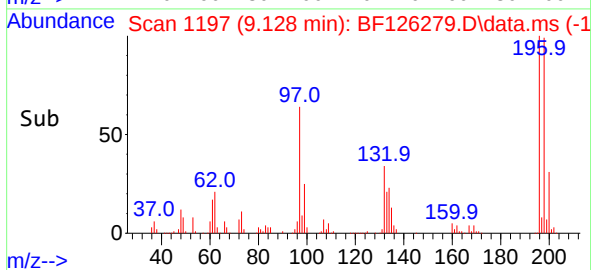
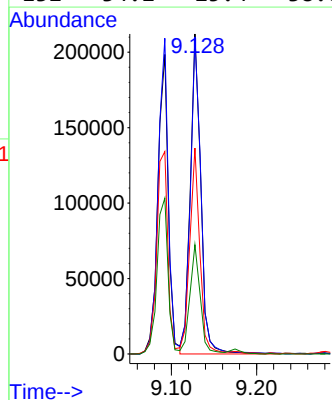
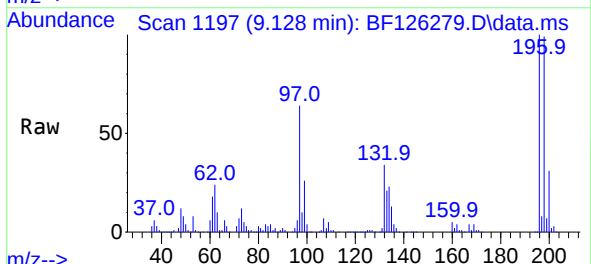
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

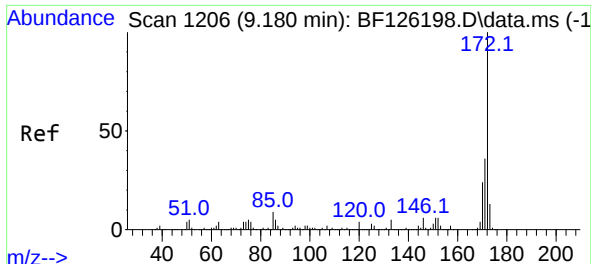
Tgt Ion:196 Resp: 169099  
Ion Ratio Lower Upper  
196 100  
198 105.4 74.9 112.3  
200 32.4 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 49.827 ng  
RT: 9.128 min Scan# 1197  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:196 Resp: 181859  
Ion Ratio Lower Upper  
196 100  
198 99.1 80.2 120.2  
97 64.3 44.0 66.0  
132 34.2 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 43.280 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA\_F

ClientSampleId :

NB-8-121721MSD

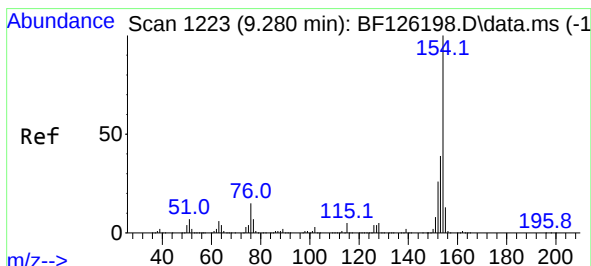
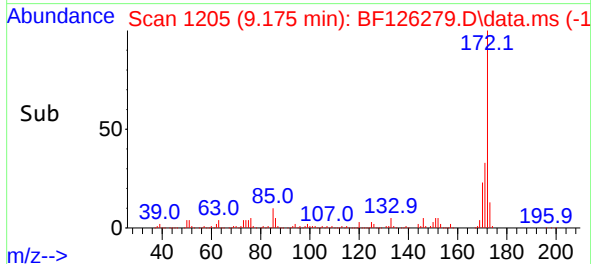
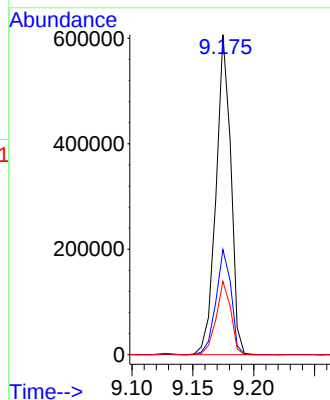
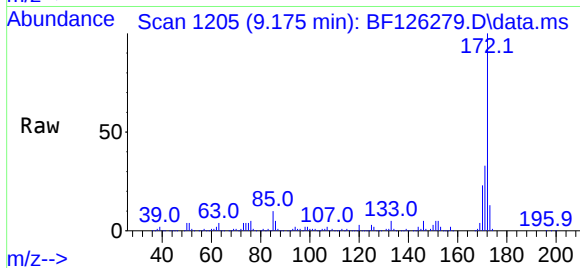
Tgt Ion:172 Resp: 512254

Ion Ratio Lower Upper

172 100

171 32.9 26.5 39.7

170 22.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 54.415 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

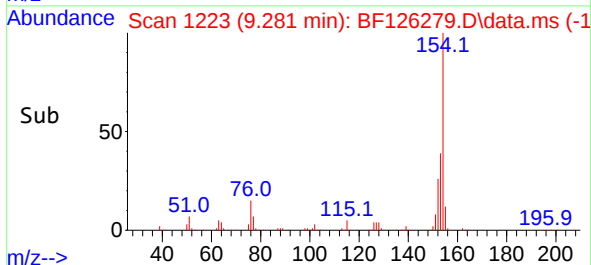
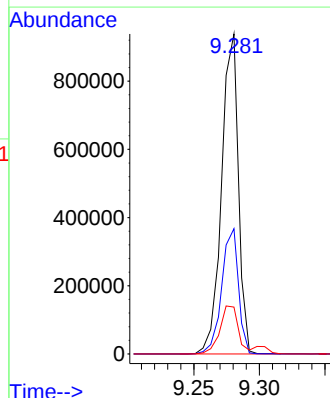
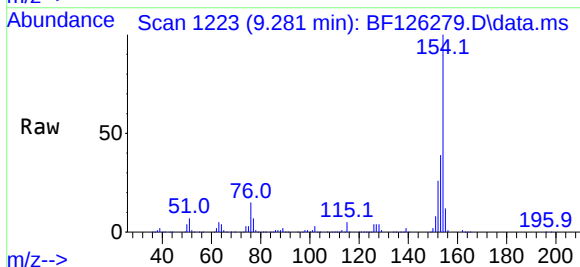
Tgt Ion:154 Resp: 835227

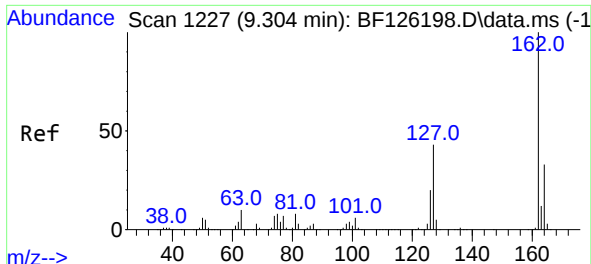
Ion Ratio Lower Upper

154 100

153 39.2 20.0 60.0

76 14.6 0.0 30.3

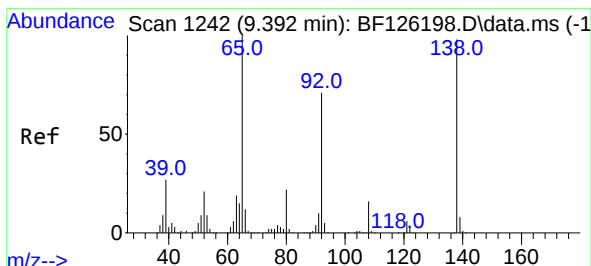
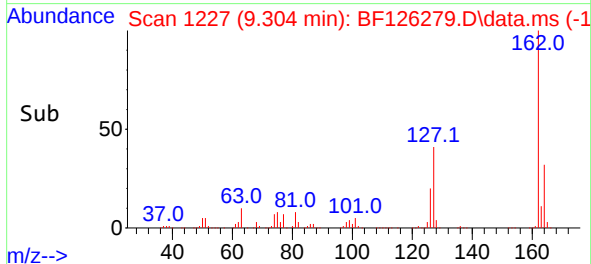
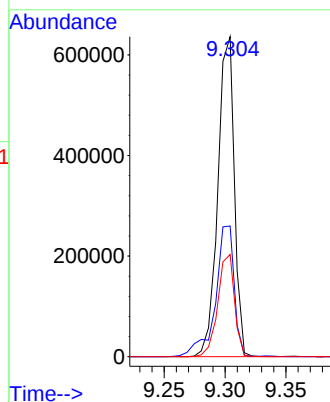
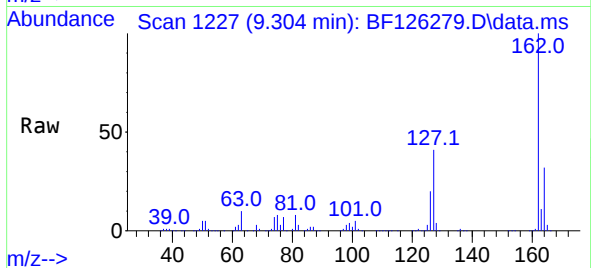




#47  
2-Chloronaphthalene  
Concen: 52.077 ng  
RT: 9.304 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

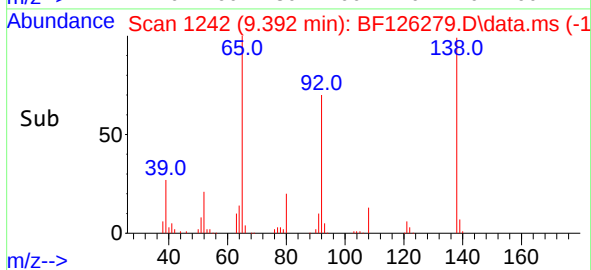
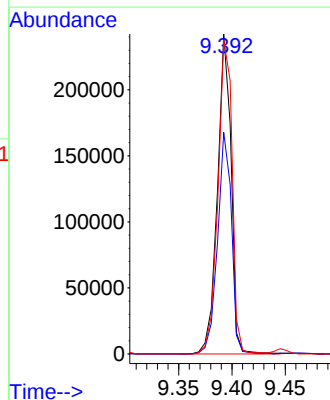
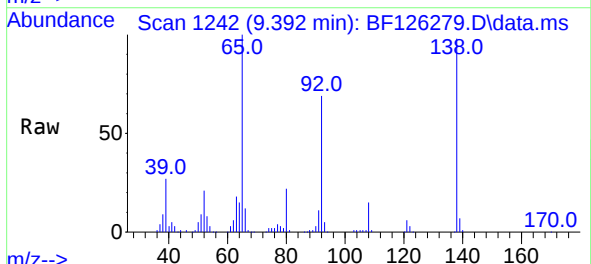
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

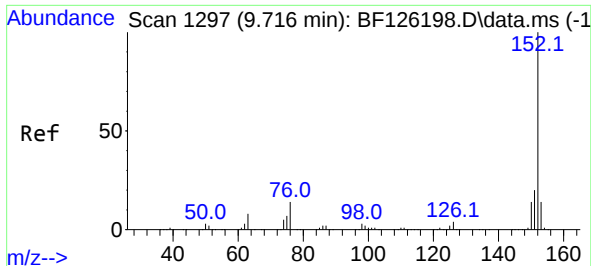
Tgt Ion:162 Resp: 601411  
Ion Ratio Lower Upper  
162 100  
127 40.8 33.0 49.4  
164 31.9 25.8 38.8



#48  
2-Nitroaniline  
Concen: 50.951 ng  
RT: 9.392 min Scan# 1242  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion: 65 Resp: 214770  
Ion Ratio Lower Upper  
65 100  
92 69.3 55.5 83.3  
138 98.1 93.5 140.3





#49

Acenaphthylene

Concen: 51.240 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA\_F

ClientSampleId :

NB-8-121721MSD

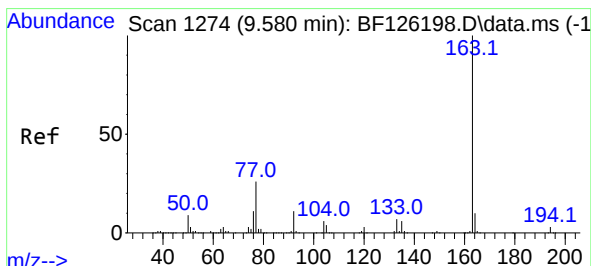
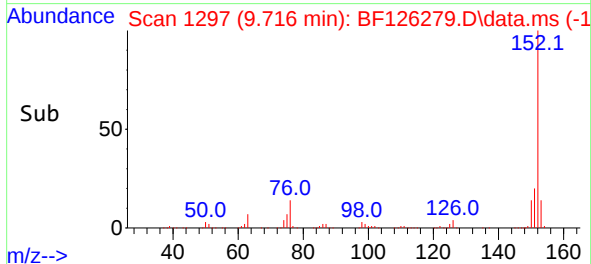
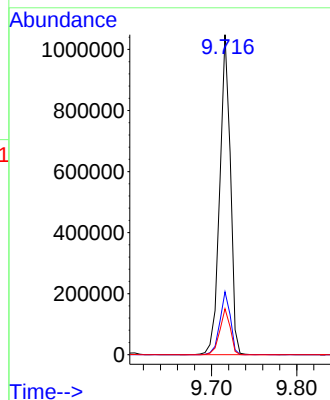
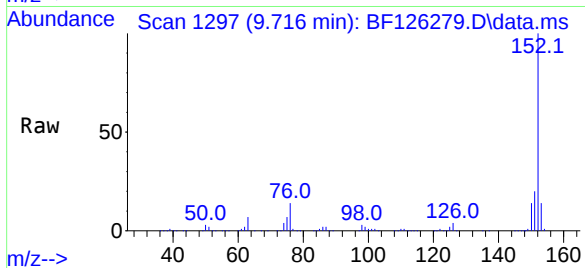
Tgt Ion:152 Resp: 904200

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 14.3 9.8 14.8



#50

Dimethylphthalate

Concen: 49.872 ng

RT: 9.581 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

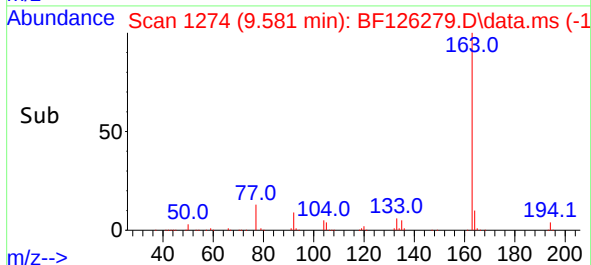
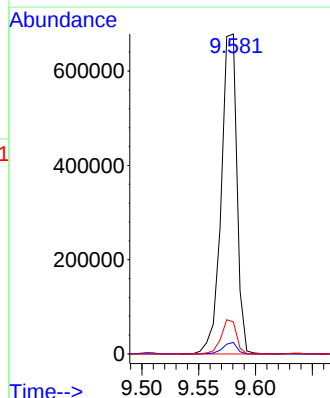
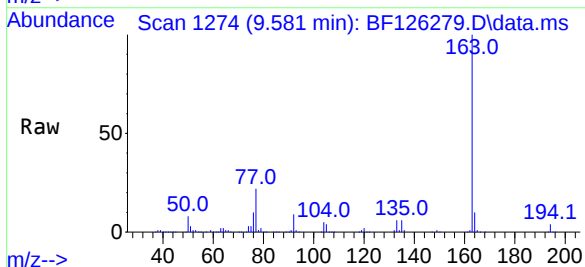
Tgt Ion:163 Resp: 655803

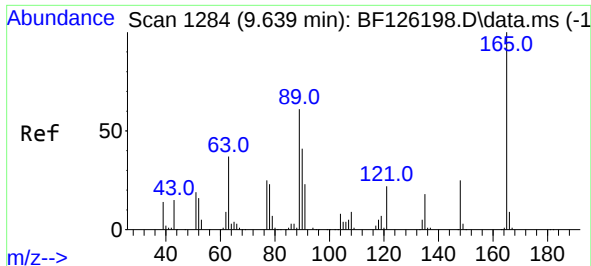
Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

164 10.1 7.4 11.0

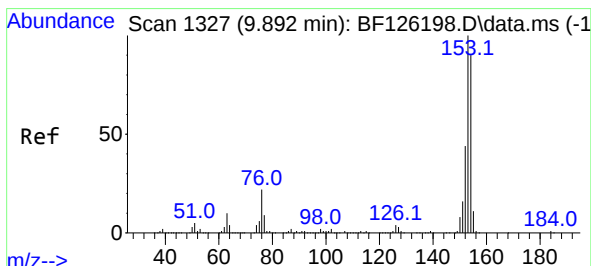
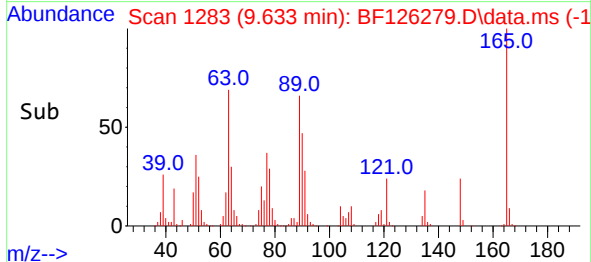
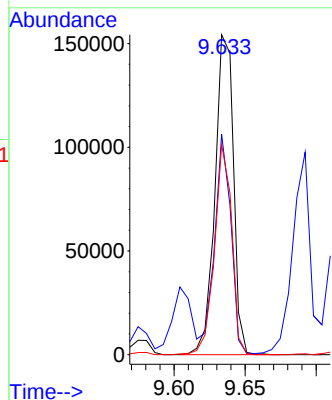
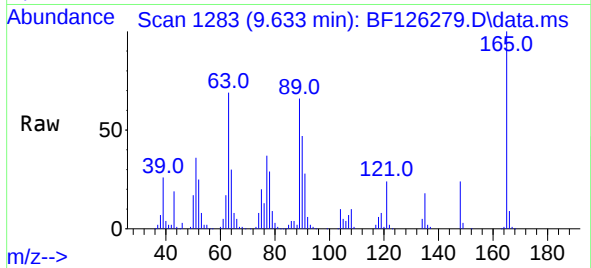




#51  
2,6-Dinitrotoluene  
Concen: 49.228 ng  
RT: 9.633 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

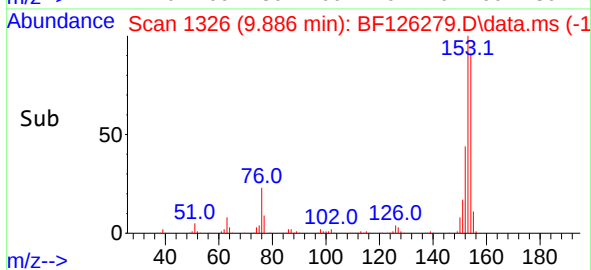
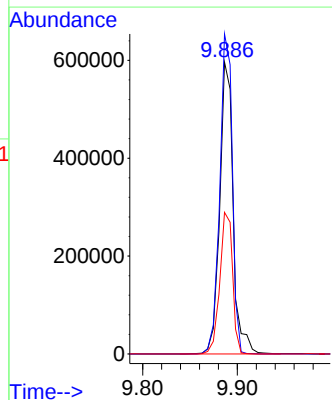
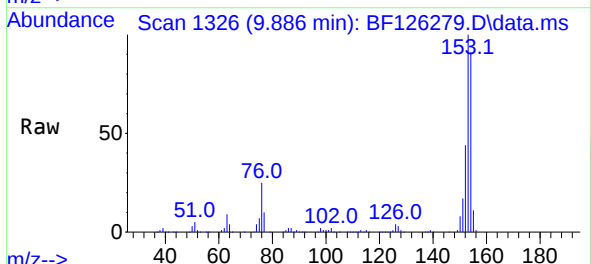
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

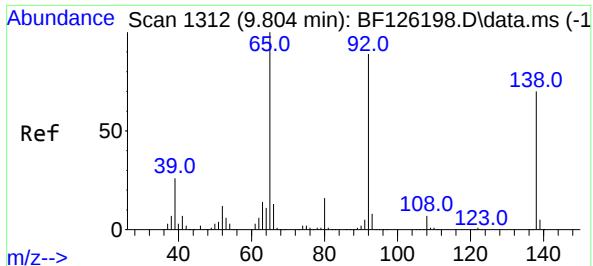
Tgt Ion:165 Resp: 140112  
Ion Ratio Lower Upper  
165 100  
63 68.9 42.6 63.8#  
89 65.7 40.6 60.8#



#52  
Acenaphthene  
Concen: 51.275 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:154 Resp: 586785  
Ion Ratio Lower Upper  
154 100  
153 109.7 89.4 134.2  
152 48.5 40.5 60.7

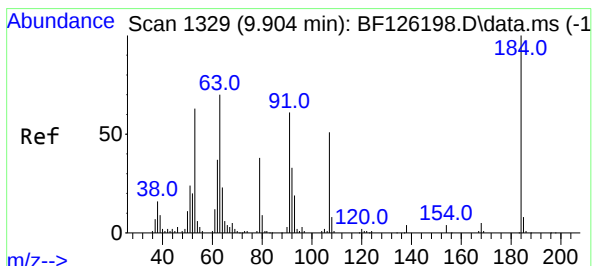
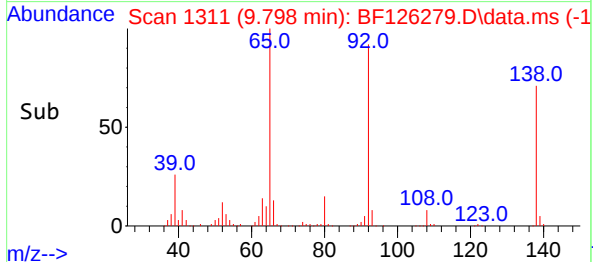
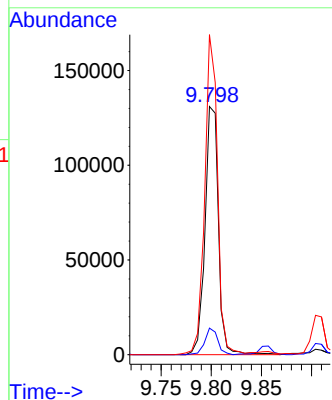
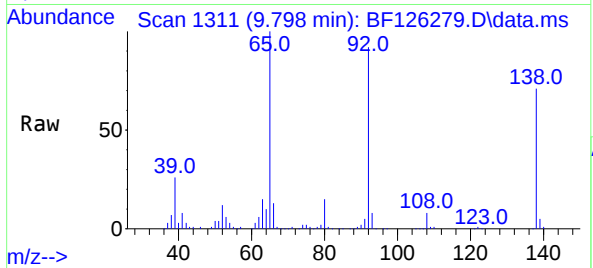




#53  
3-Nitroaniline  
Concen: 33.928 ng  
RT: 9.798 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

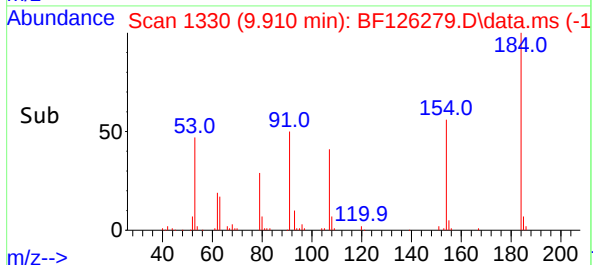
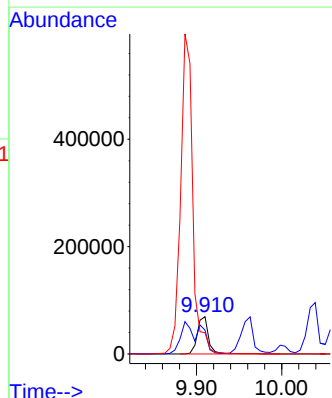
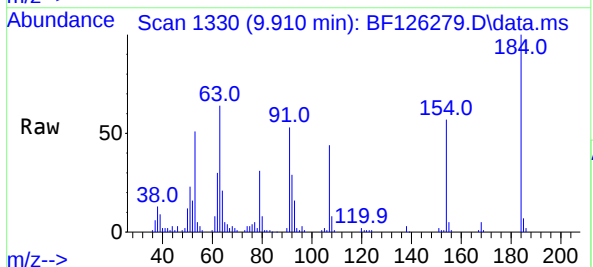
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

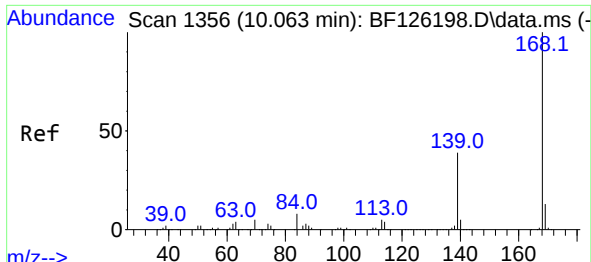
Tgt Ion:138 Resp: 122736  
Ion Ratio Lower Upper  
138 100  
108 10.7 9.3 13.9  
92 128.9 76.5 114.7#



#54  
2,4-Dinitrophenol  
Concen: 54.180 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

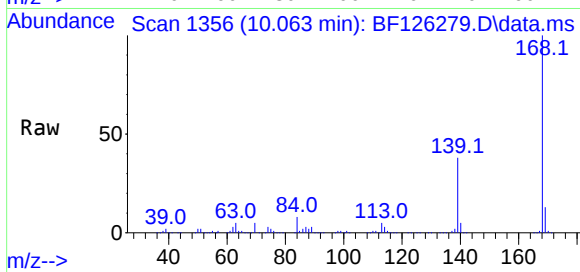
Tgt Ion:184 Resp: 63495  
Ion Ratio Lower Upper  
184 100  
63 64.1 59.3 88.9  
154 57.0 68.6 102.8#



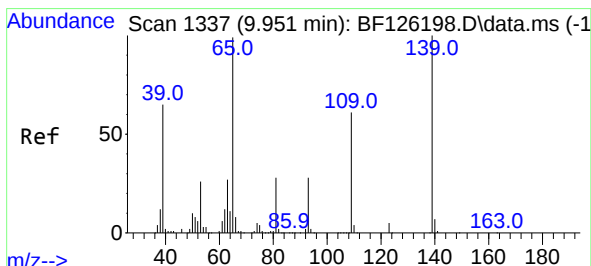
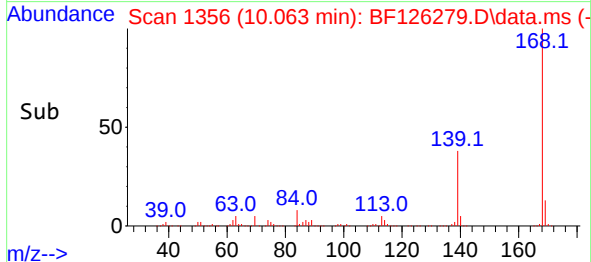
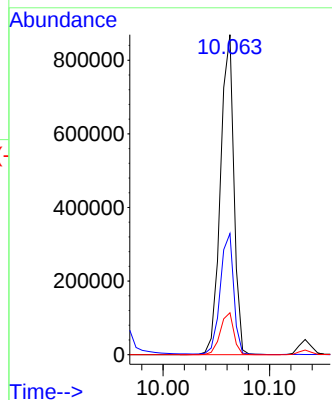


#55  
Dibenzenofuran  
Concen: 48.758 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

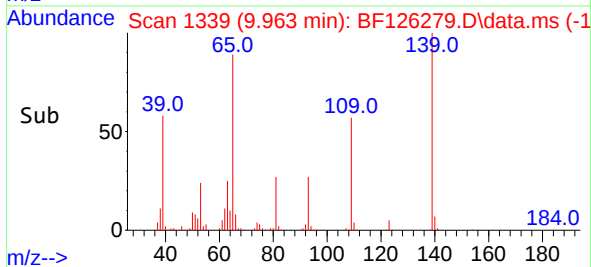
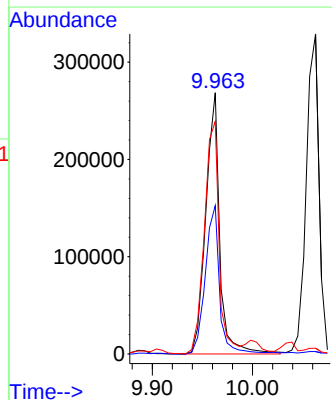
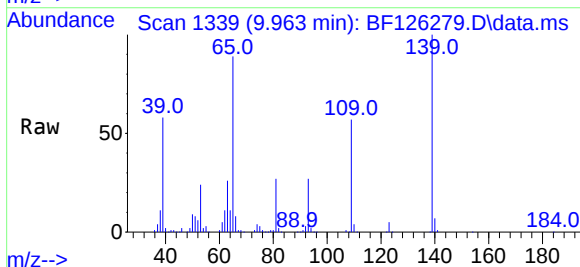


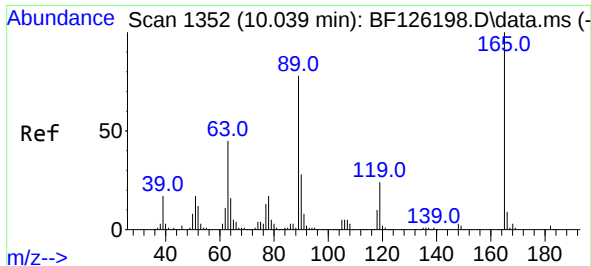
Tgt Ion:168 Resp: 759688  
Ion Ratio Lower Upper  
168 100  
139 37.8 32.7 49.1  
169 13.1 11.2 16.8



#56  
4-Nitrophenol  
Concen: 100.262 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.012 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:139 Resp: 261992  
Ion Ratio Lower Upper  
139 100  
109 56.8 60.4 100.4#  
65 89.1 58.4 98.4

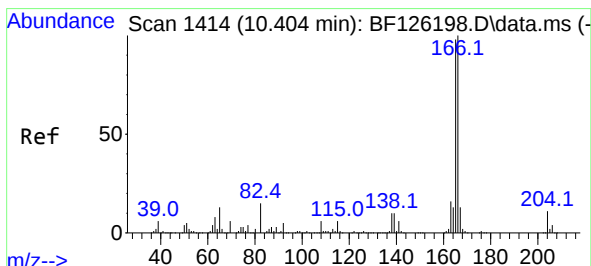
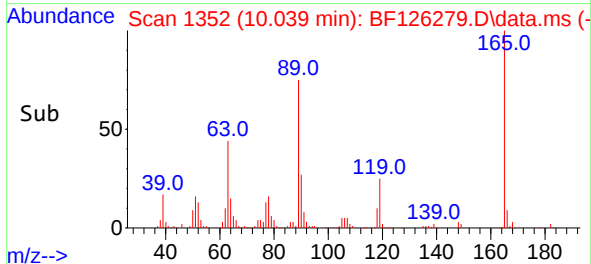
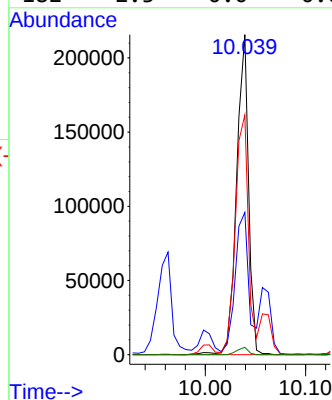
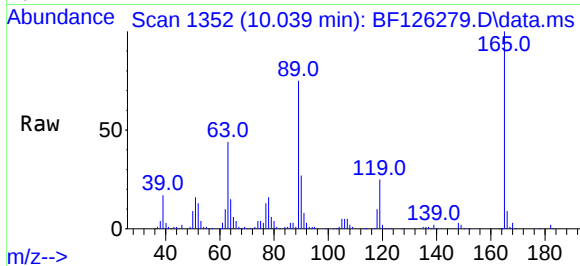




#57  
2,4-Dinitrotoluene  
Concen: 49.198 ng  
RT: 10.039 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

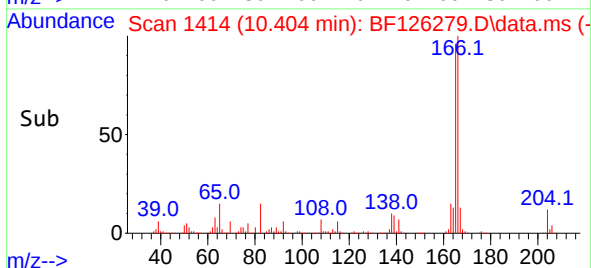
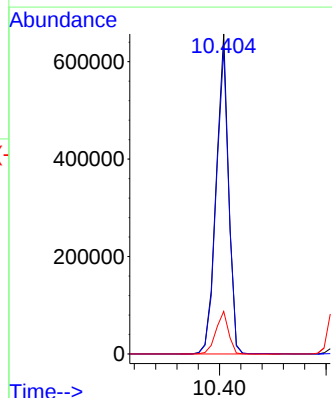
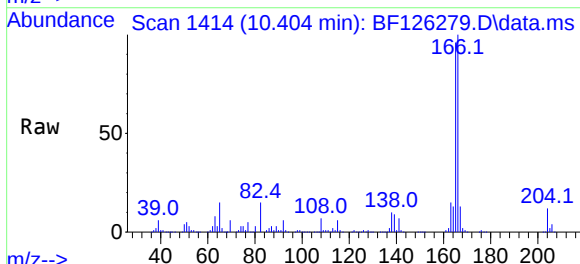
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

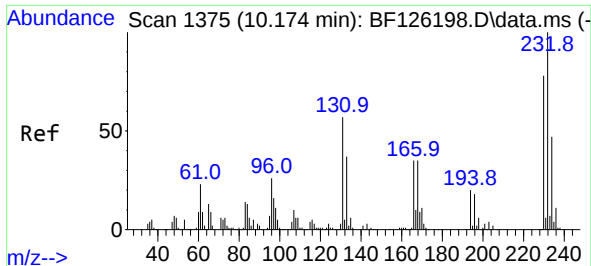
Tgt Ion:165 Resp: 178622  
Ion Ratio Lower Upper  
165 100  
63 44.4 40.9 61.3  
89 74.9 59.7 89.5  
182 2.3 0.0 0.0#



#58  
Fluorene  
Concen: 46.925 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:166 Resp: 529294  
Ion Ratio Lower Upper  
166 100  
165 95.6 78.1 117.1  
167 13.3 11.1 16.7

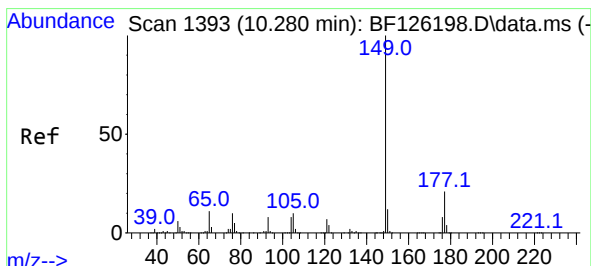
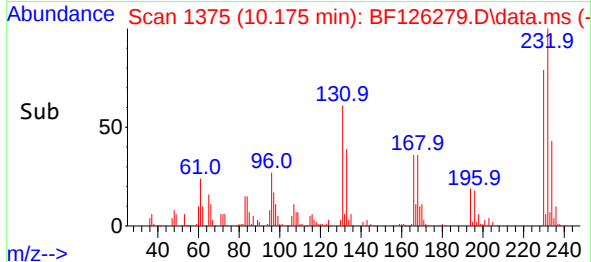
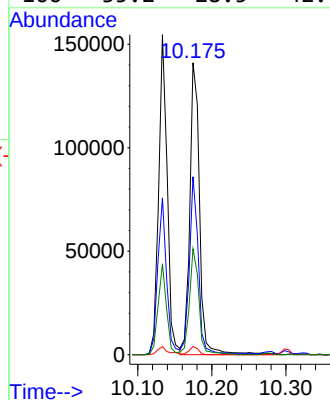
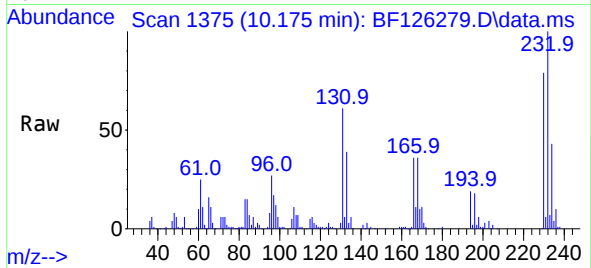




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.768 ng  
RT: 10.175 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

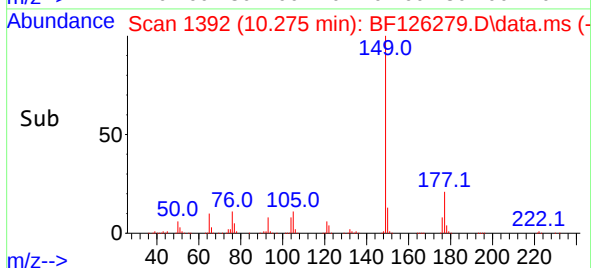
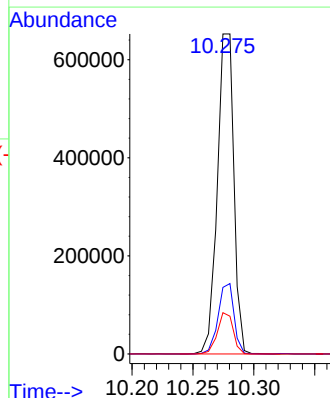
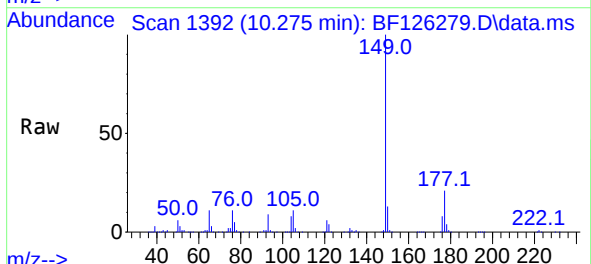
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

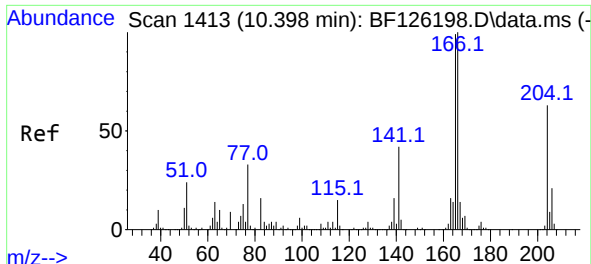
Tgt Ion:232 Resp: 129267  
Ion Ratio Lower Upper  
232 100  
131 55.2 45.4 68.0  
130 2.6 0.0 0.0#  
166 35.2 28.5 42.7



#60  
Diethylphthalate  
Concen: 46.824 ng  
RT: 10.275 min Scan# 1392  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:149 Resp: 618772  
Ion Ratio Lower Upper  
149 100  
177 20.8 16.5 24.7  
150 12.9 10.1 15.1

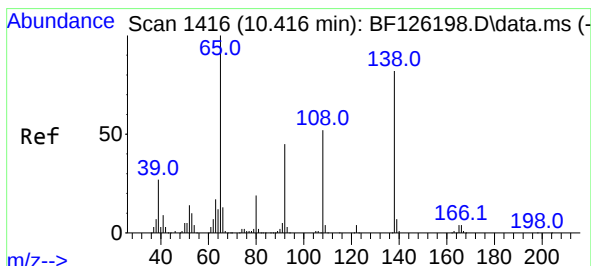
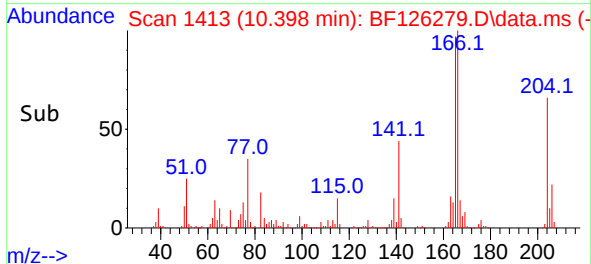
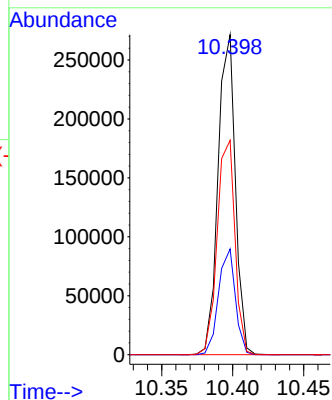
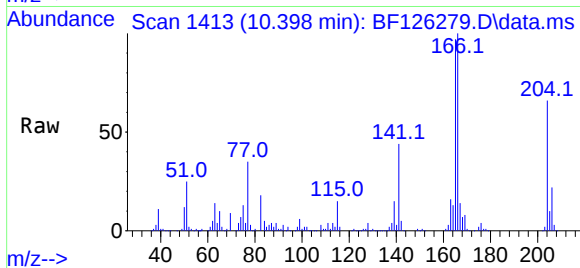




#61  
4-Chlorophenyl-phenylether  
Concen: 45.209 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

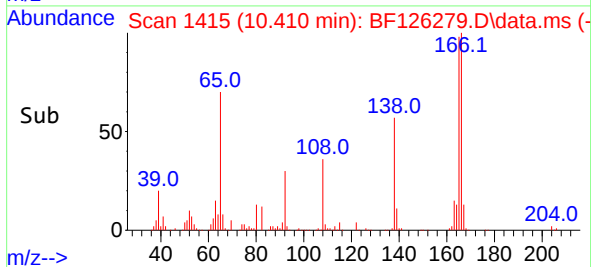
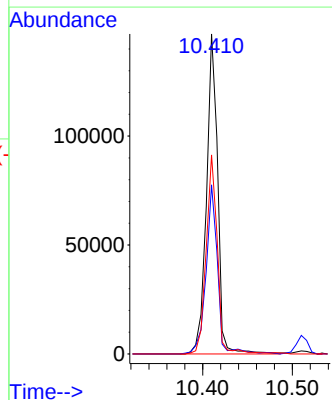
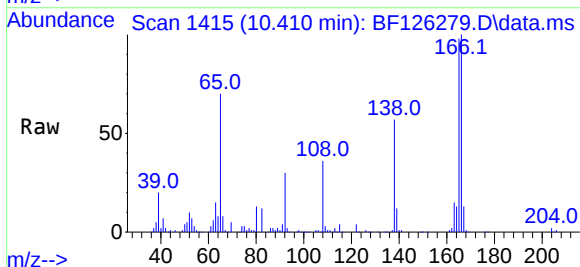
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

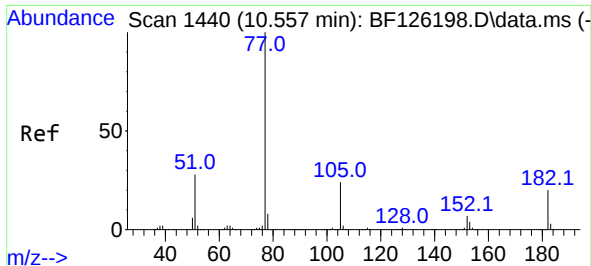
Tgt Ion:204 Resp: 229598  
Ion Ratio Lower Upper  
204 100  
206 33.1 27.6 41.4  
141 67.0 58.6 88.0



#62  
4-Nitroaniline  
Concen: 41.936 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:138 Resp: 127261  
Ion Ratio Lower Upper  
138 100  
92 52.9 29.6 69.6  
108 62.2 78.1 118.1#

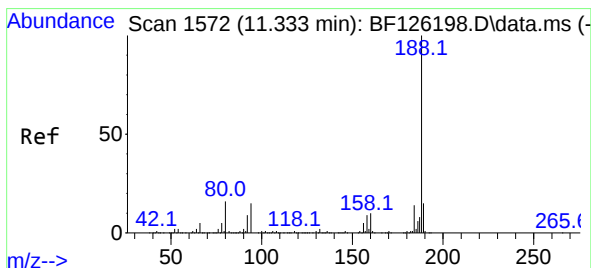
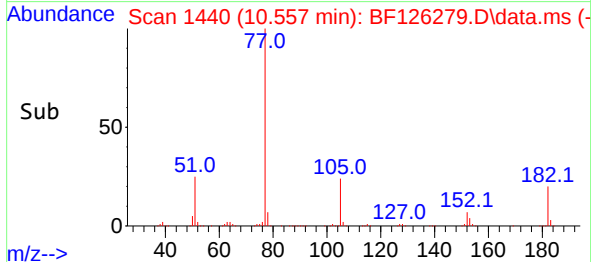
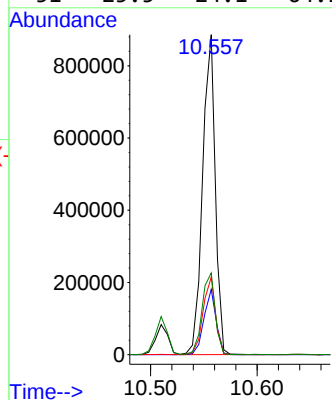
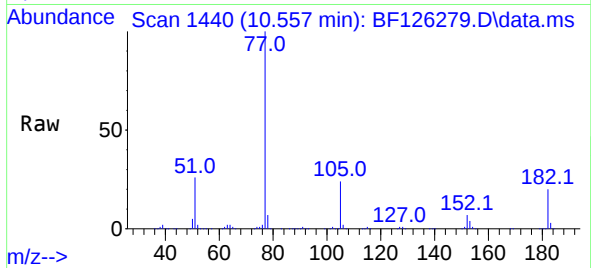




#63  
Azobenzene  
Concen: 45.912 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

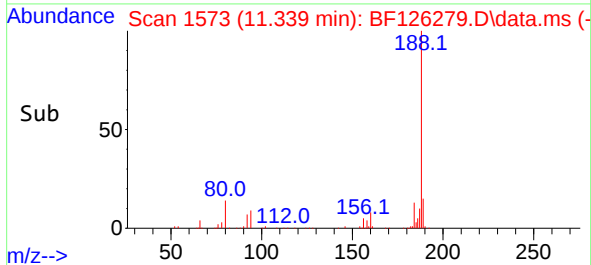
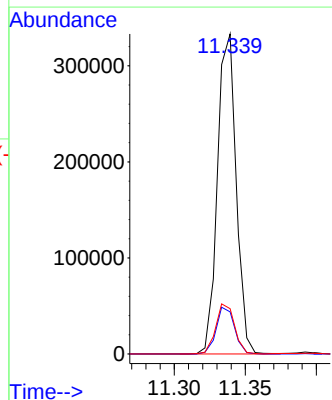
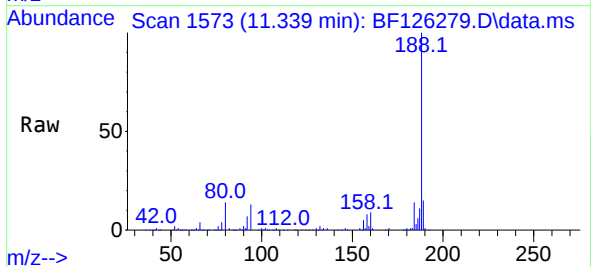
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

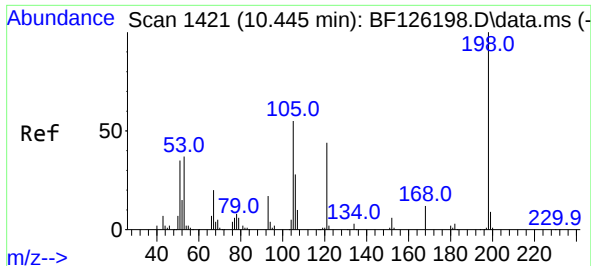
| Tgt Ion: | 77    | Resp: | 734870 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 20.4  | 6.3   | 46.3   |
| 105      | 24.2  | 2.9   | 42.9   |
| 51       | 25.5  | 24.1  | 64.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

| Tgt Ion: | 188   | Resp: | 304768 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 13.2  | 6.7   | 10.1#  |
| 80       | 14.2  | 7.5   | 11.3#  |

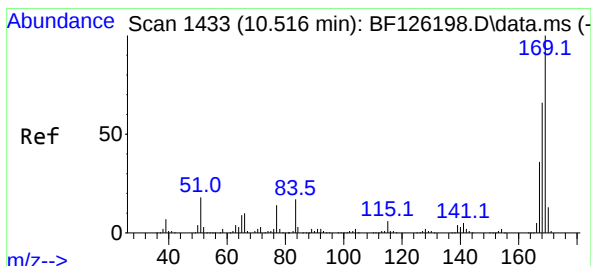
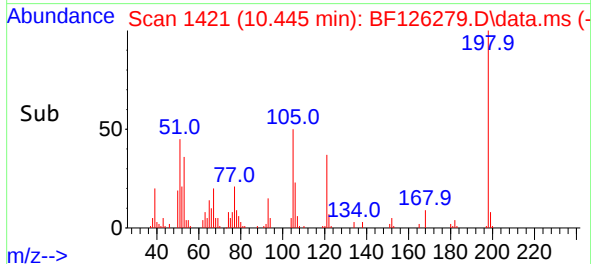
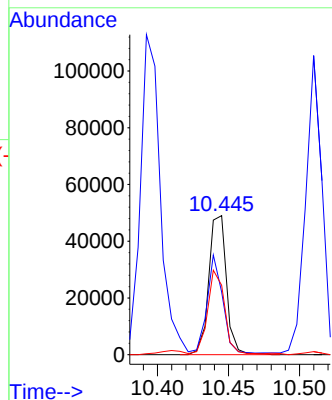
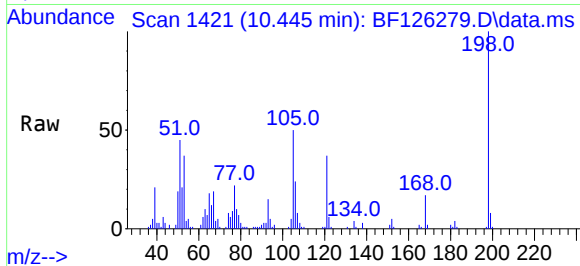




#65  
4,6-Dinitro-2-methylphenol  
Concen: 25.620 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

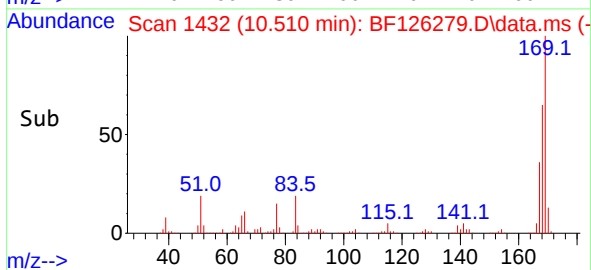
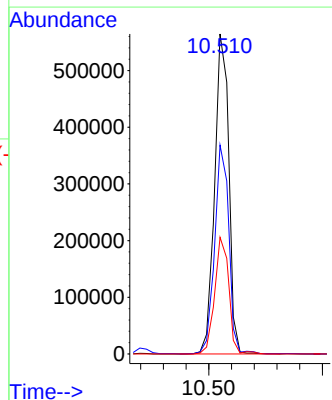
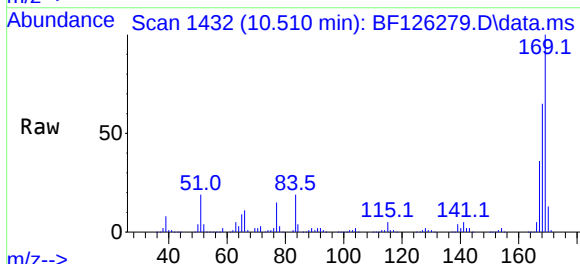
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

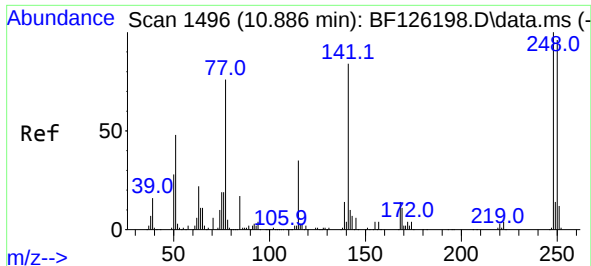
Tgt Ion:198 Resp: 42637  
Ion Ratio Lower Upper  
198 100  
51 45.2 45.3 85.3#  
105 50.0 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 49.953 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:169 Resp: 488594  
Ion Ratio Lower Upper  
169 100  
168 65.3 50.8 76.2  
167 36.4 28.8 43.2

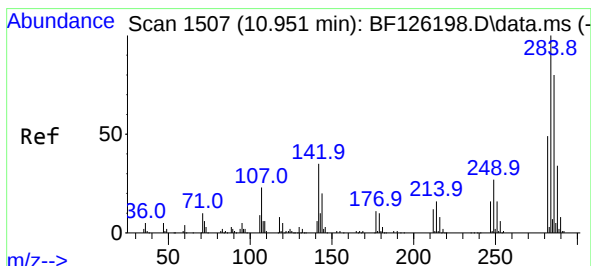
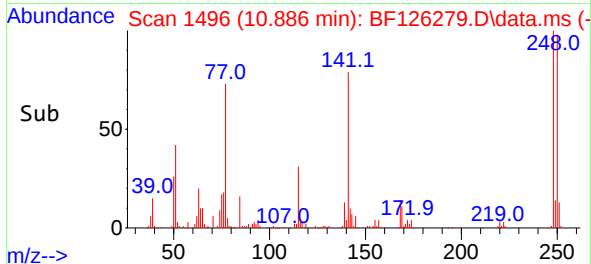
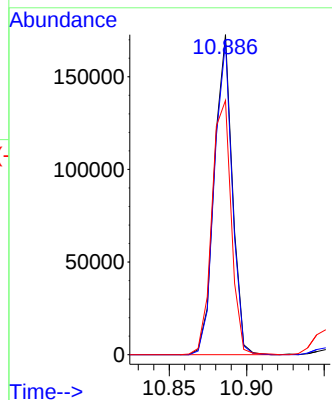
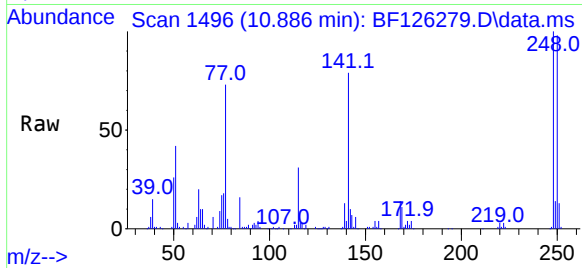




#67  
4-Bromophenyl-phenylether  
Concen: 48.669 ng  
RT: 10.886 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

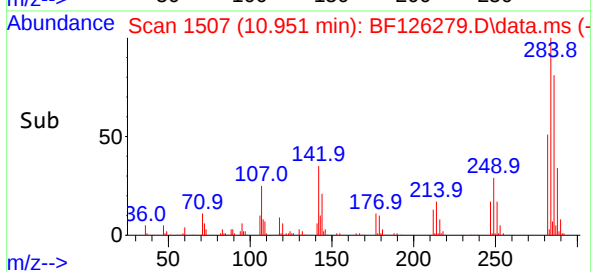
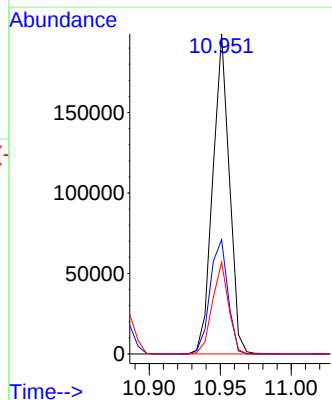
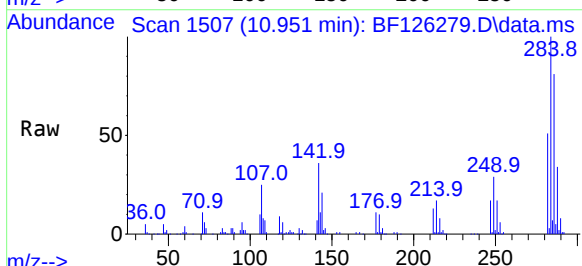
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

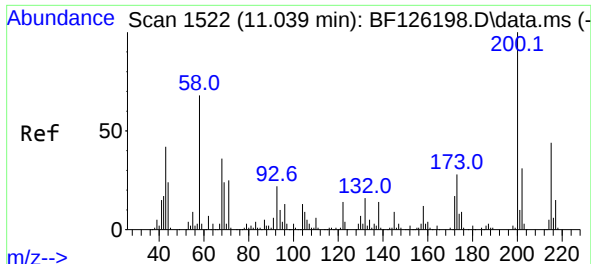
Tgt Ion:248 Resp: 139209  
Ion Ratio Lower Upper  
248 100  
250 97.8 74.2 111.4  
141 79.5 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 49.069 ng  
RT: 10.951 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:284 Resp: 161421  
Ion Ratio Lower Upper  
284 100  
142 35.7 36.4 54.6#  
249 28.7 25.6 38.4

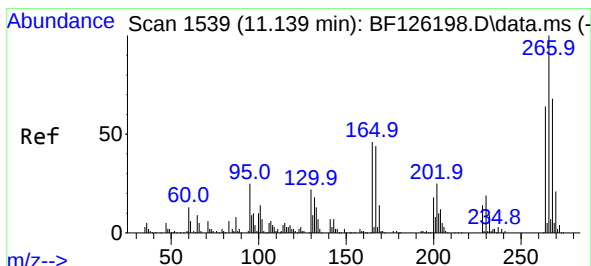
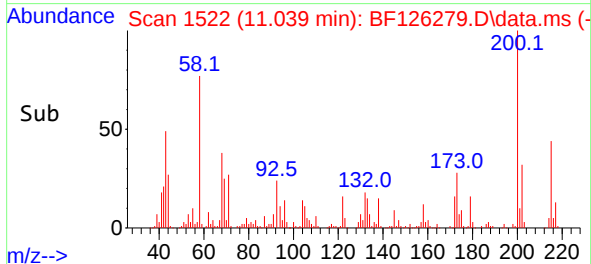
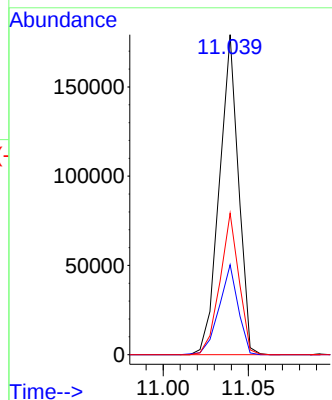
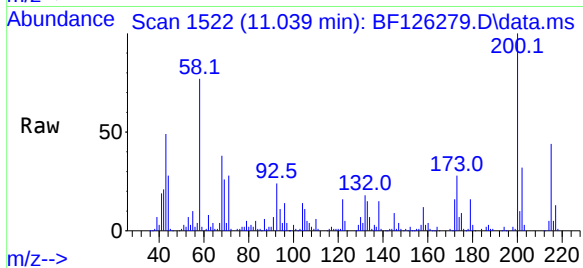




#69  
Atrazine  
Concen: 78.015 ng  
RT: 11.039 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

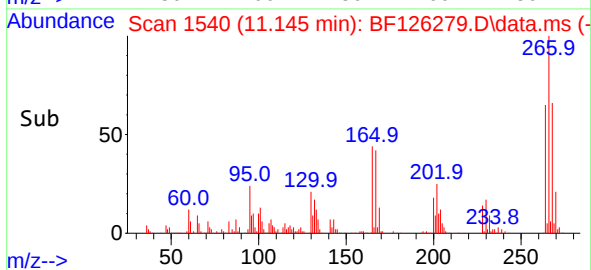
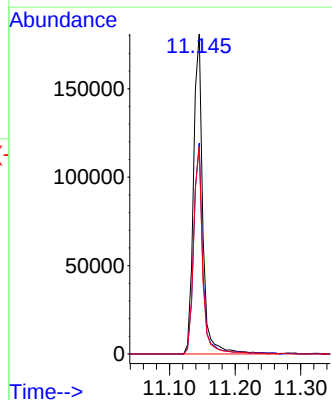
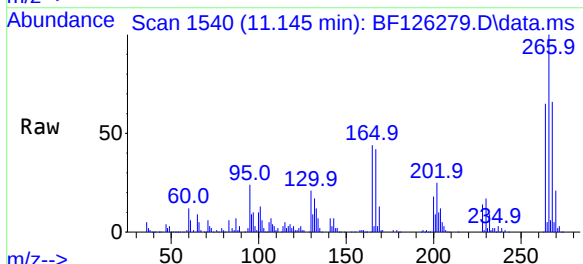
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

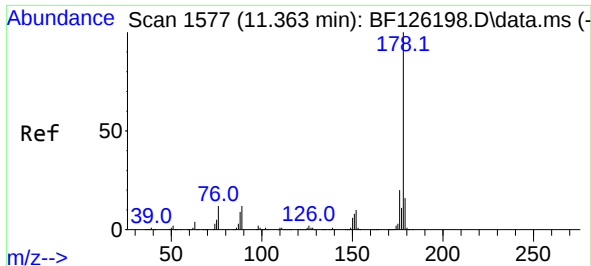
Tgt Ion:200 Resp: 139839  
Ion Ratio Lower Upper  
200 100  
173 28.1 11.1 51.1  
215 44.2 22.7 62.7



#70  
Pentachlorophenol  
Concen: 97.575 ng  
RT: 11.145 min Scan# 1540  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:266 Resp: 178078  
Ion Ratio Lower Upper  
266 100  
268 65.9 48.9 73.3  
264 64.8 55.9 83.9

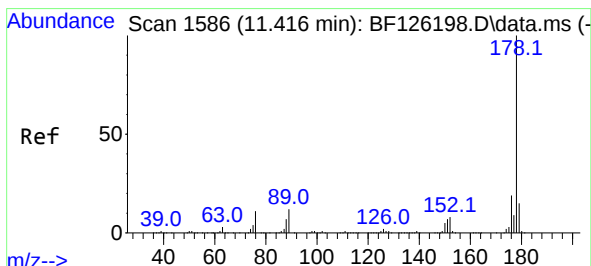
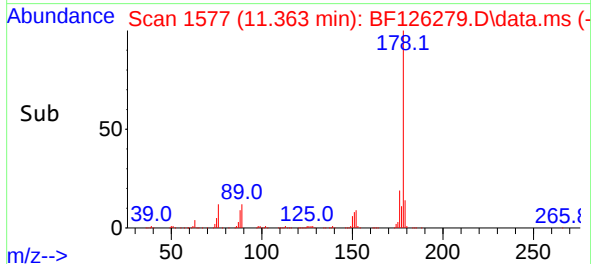
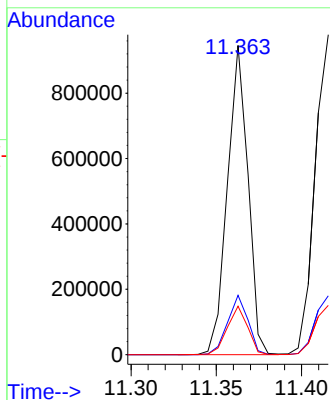
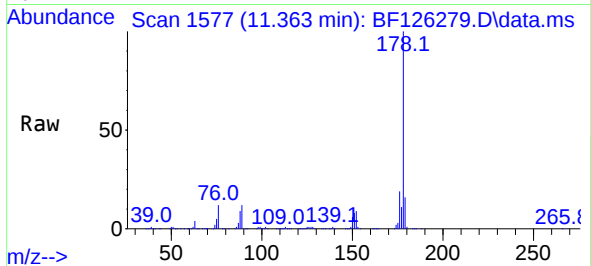




#71  
Phenanthrene  
Concen: 50.412 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

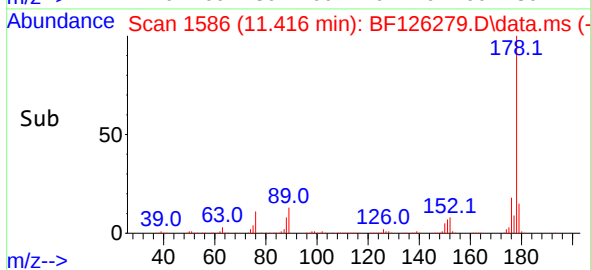
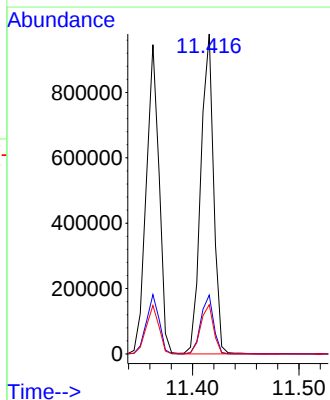
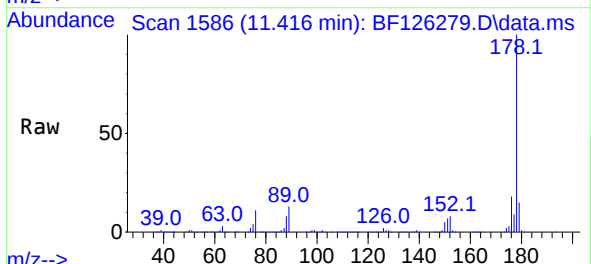
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BNA\_F  
ClientSampleId :  
NB-8-121721MSD

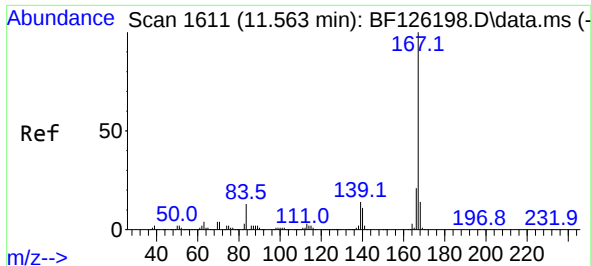
Tgt Ion:178 Resp: 792980  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.7 22.1  
179 15.7 11.5 17.3



#72  
Anthracene  
Concen: 51.922 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:178 Resp: 819767  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.3 21.5  
179 15.4 12.2 18.4

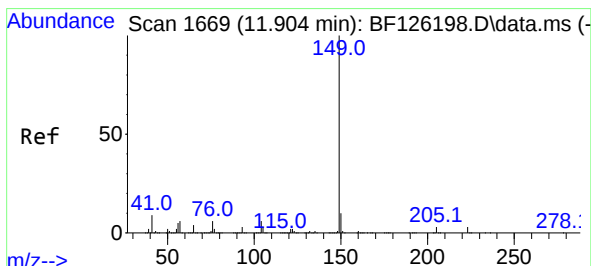
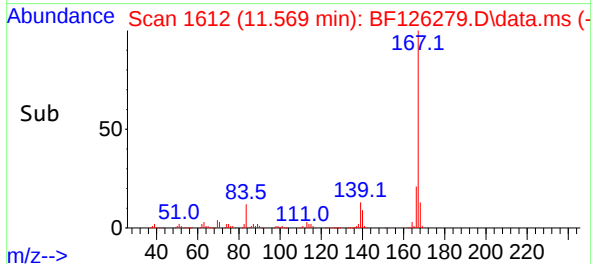
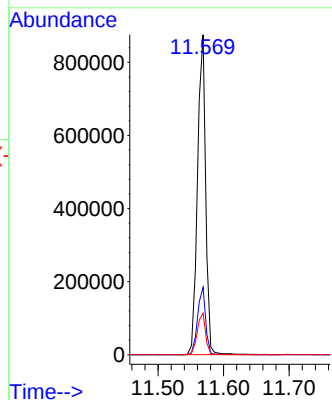
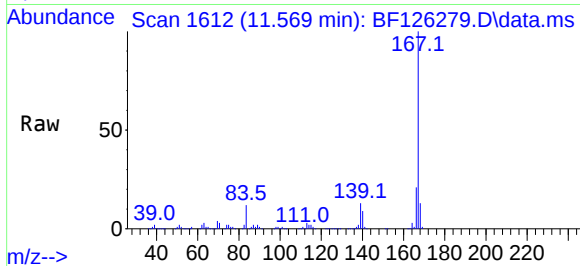




#73  
 Carbazole  
 Concen: 51.135 ng  
 RT: 11.569 min Scan# 1611  
 Delta R.T. 0.006 min  
 Lab File: BF126279.D  
 Acq: 20 Dec 2021 15:35

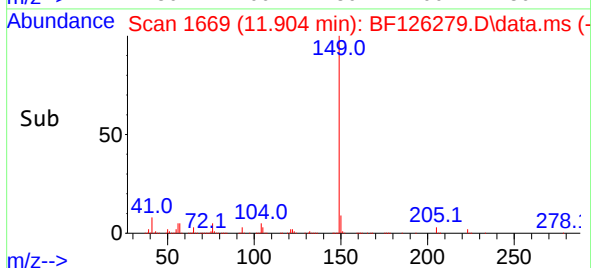
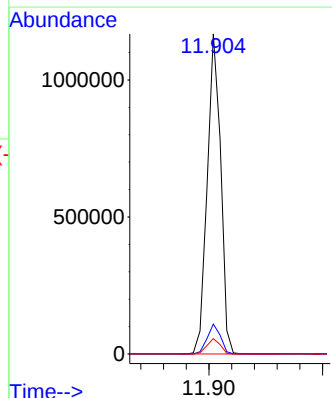
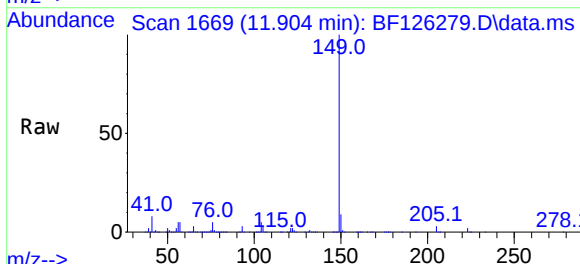
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-8-121721MSD

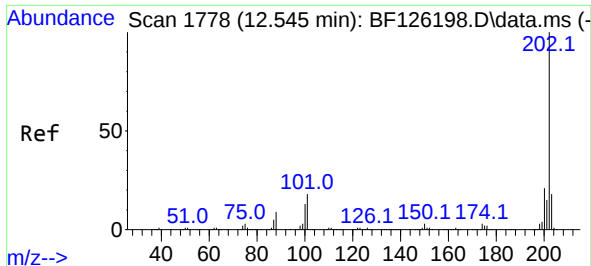
Tgt Ion:167 Resp: 760314  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.4 26.0  
 139 13.0 11.0 16.4



#74  
 Di-n-butylphthalate  
 Concen: 50.798 ng  
 RT: 11.904 min Scan# 1669  
 Delta R.T. 0.000 min  
 Lab File: BF126279.D  
 Acq: 20 Dec 2021 15:35

Tgt Ion:149 Resp: 957483  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 4.8 4.1 6.1

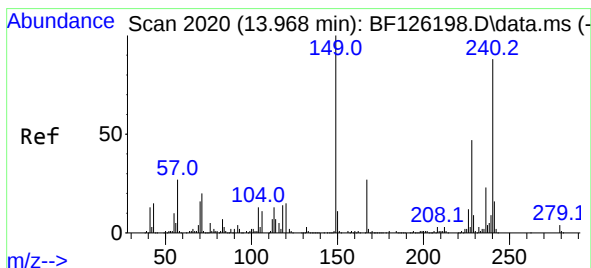
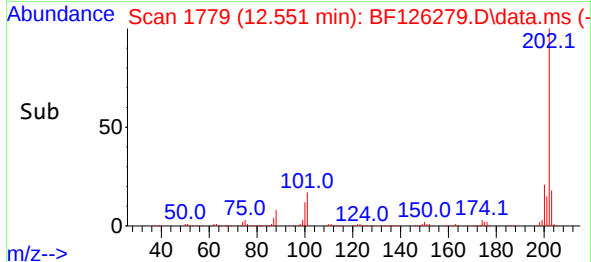
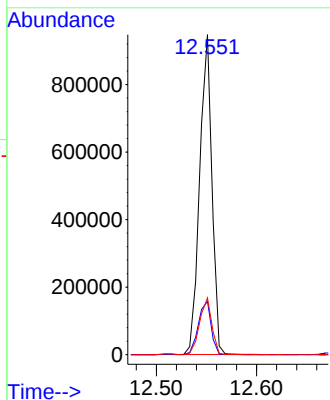
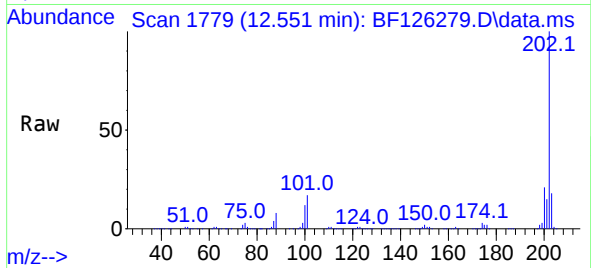




#75  
Fluoranthene  
Concen: 57.152 ng  
RT: 12.551 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

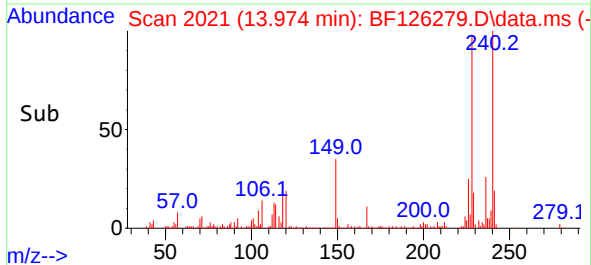
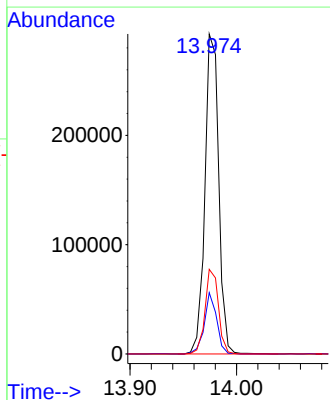
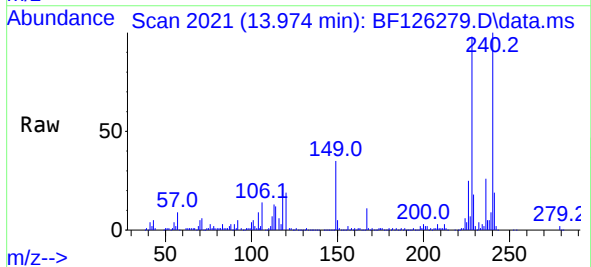
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

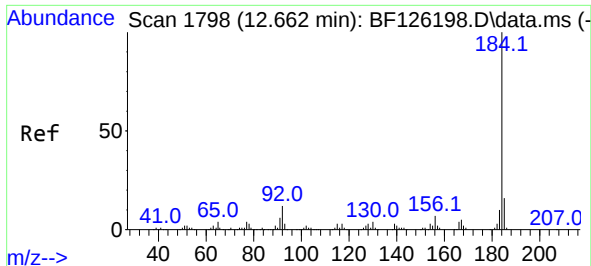
Tgt Ion:202 Resp: 809980  
Ion Ratio Lower Upper  
202 100  
101 16.6 0.0 30.7  
203 17.8 0.0 36.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:240 Resp: 264041  
Ion Ratio Lower Upper  
240 100  
120 19.2 10.8 16.2#  
236 26.4 21.6 32.4

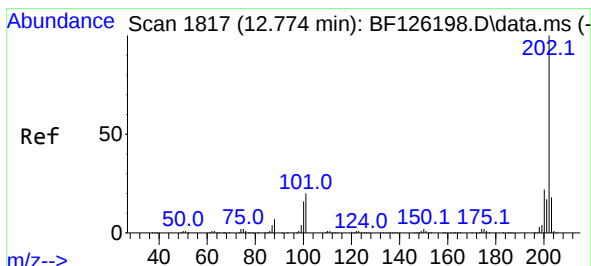
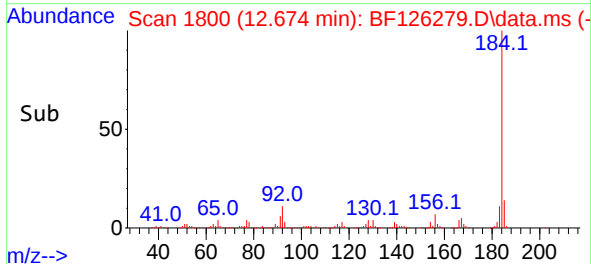
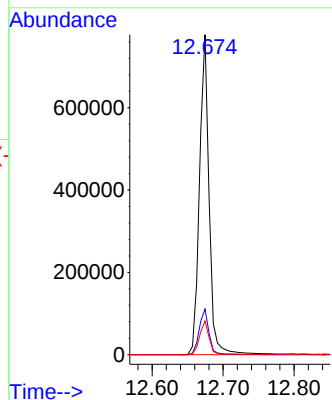
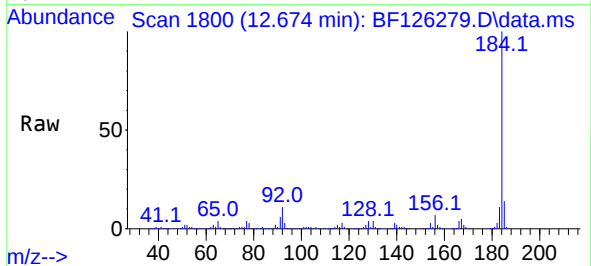




#77  
Benzidine  
Concen: 176.039 ng  
RT: 12.674 min Scan# 1800  
Delta R.T. 0.012 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

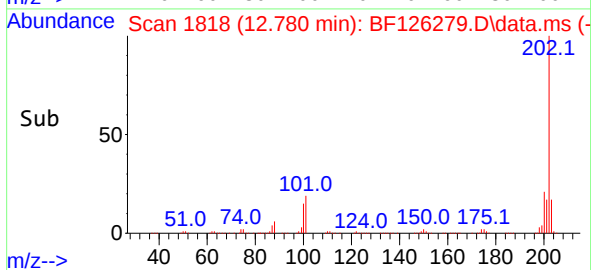
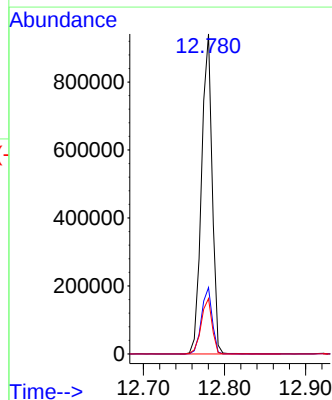
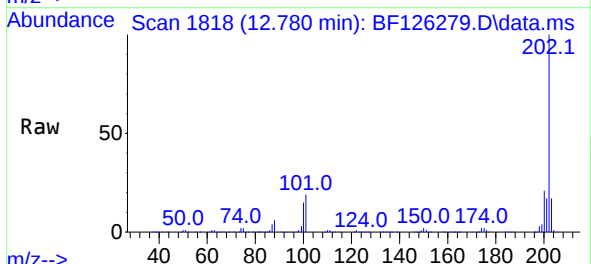
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

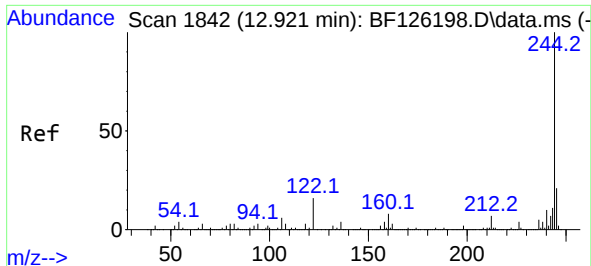
Tgt Ion:184 Resp: 732803  
Ion Ratio Lower Upper  
184 100  
185 14.2 10.8 16.2  
183 10.6 8.1 12.1



#78  
Pyrene  
Concen: 35.410 ng  
RT: 12.780 min Scan# 1818  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:202 Resp: 858969  
Ion Ratio Lower Upper  
202 100  
200 20.7 15.3 22.9  
203 17.3 13.4 20.0

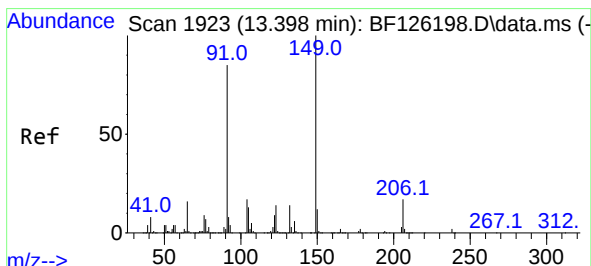
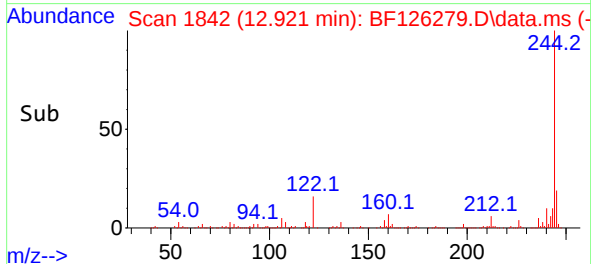
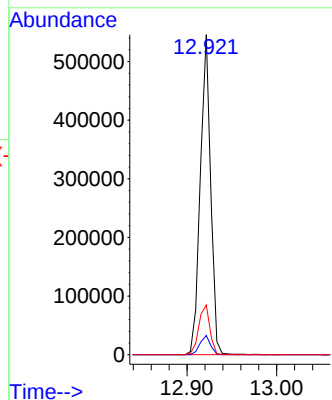
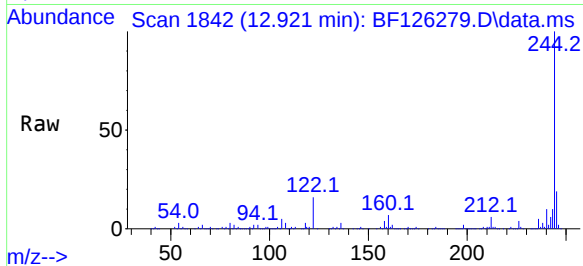




#79  
 Terphenyl-d14  
 Concen: 28.804 ng  
 RT: 12.921 min Scan# 1842  
 Delta R.T. 0.000 min  
 Lab File: BF126279.D  
 Acq: 20 Dec 2021 15:35

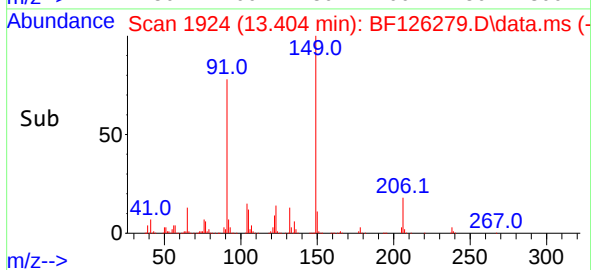
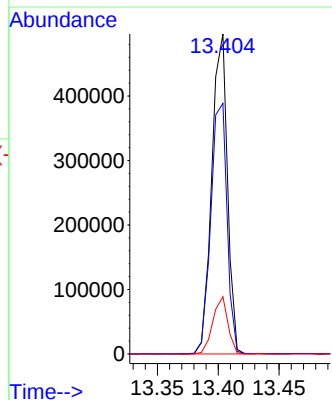
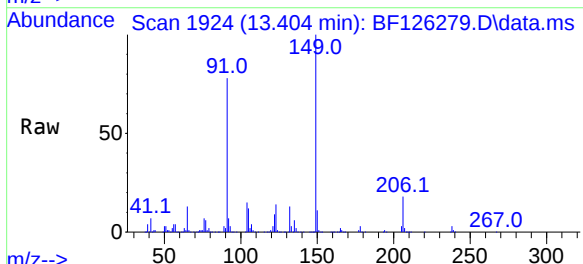
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-8-121721MSD

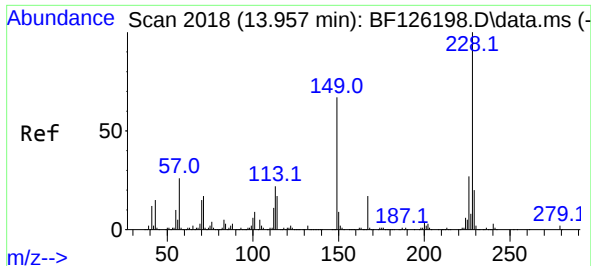
Tgt Ion:244 Resp: 437567  
 Ion Ratio Lower Upper  
 244 100  
 212 6.0 5.9 8.9  
 122 15.6 9.0 13.4#



#80  
 Butylbenzylphthalate  
 Concen: 38.857 ng  
 RT: 13.404 min Scan# 1924  
 Delta R.T. 0.006 min  
 Lab File: BF126279.D  
 Acq: 20 Dec 2021 15:35

Tgt Ion:149 Resp: 443566  
 Ion Ratio Lower Upper  
 149 100  
 91 78.3 51.8 77.8#  
 206 17.9 14.5 21.7

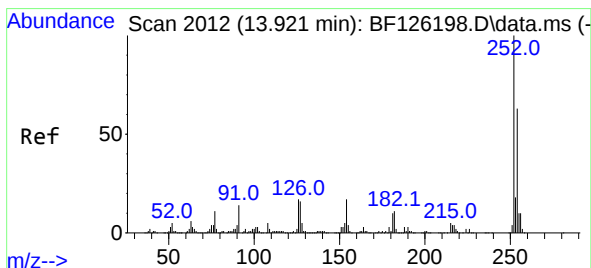
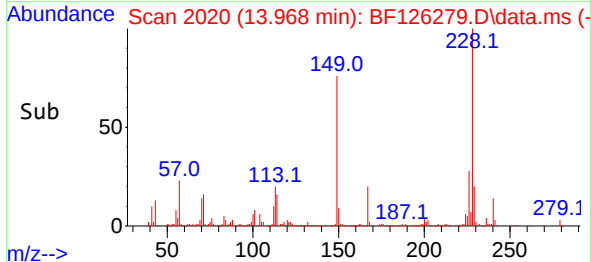
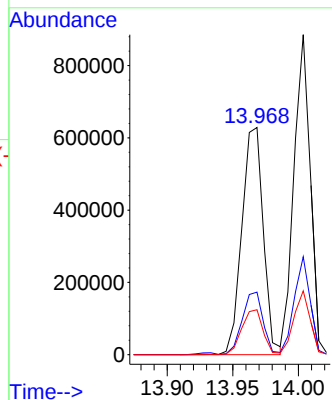
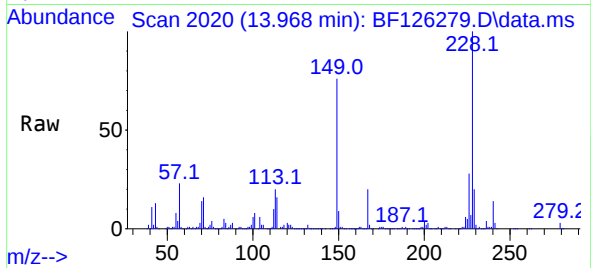




#81  
Benzo(a)anthracene  
Concen: 45.850 ng  
RT: 13.968 min Scan# 2019  
Delta R.T. 0.012 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

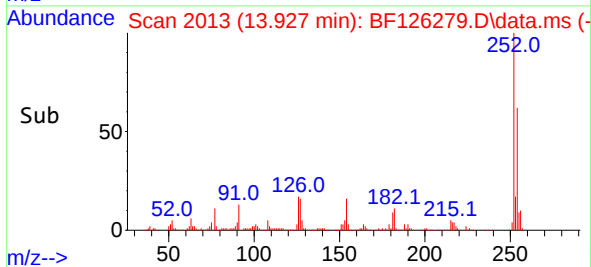
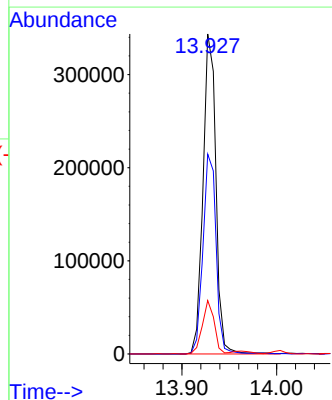
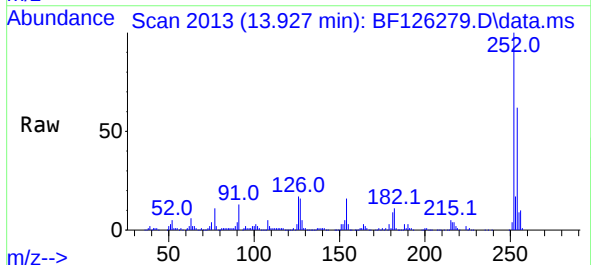
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

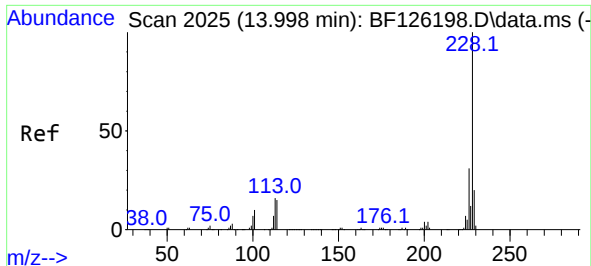
Tgt Ion:228 Resp: 717109  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.6 32.4  
229 19.8 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 45.418 ng  
RT: 13.927 min Scan# 2013  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:252 Resp: 324525  
Ion Ratio Lower Upper  
252 100  
254 62.5 51.4 77.0  
126 16.7 9.5 14.3#

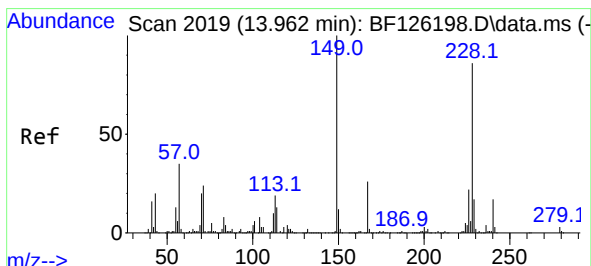
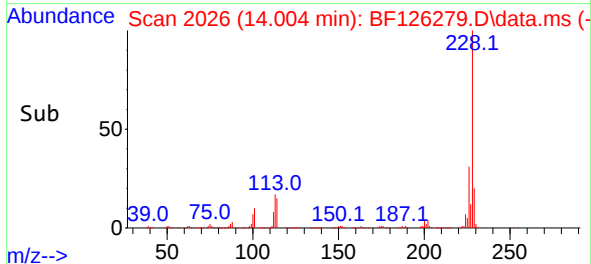
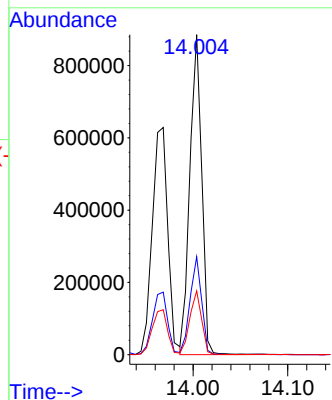
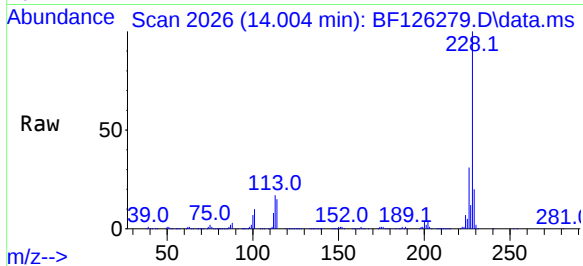




#83  
Chrysene  
Concen: 47.400 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.006 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

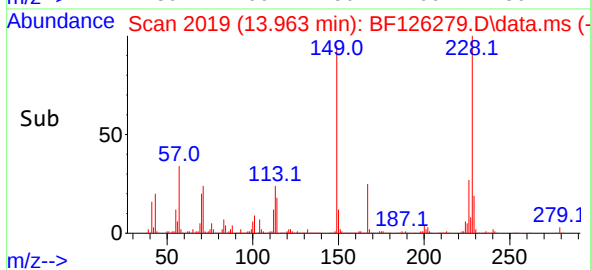
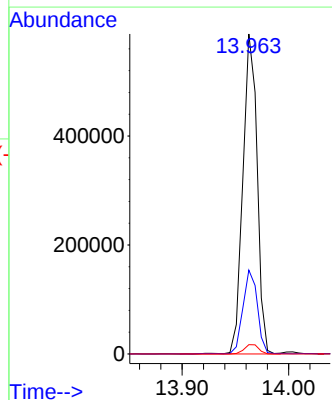
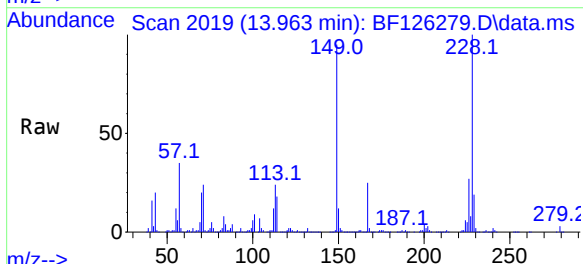
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

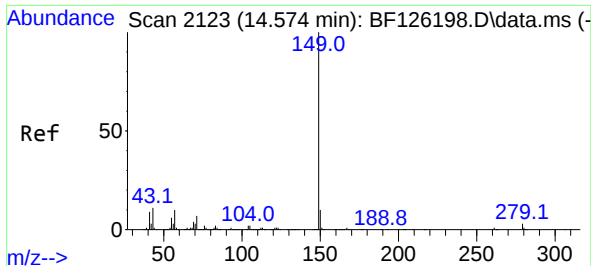
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 770269 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 30.6  | 22.6  | 34.0   |
| 229      | 19.9  | 15.9  | 23.9   |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.948 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 547854 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 26.2  | 21.4  | 32.0   |
| 279      | 2.9   | 2.6   | 4.0    |

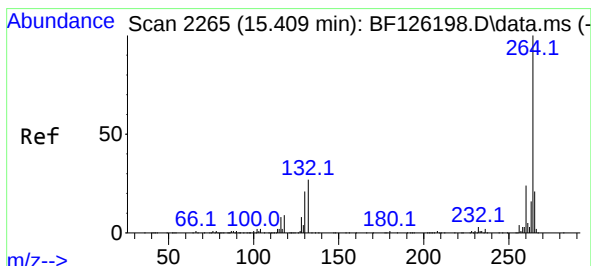
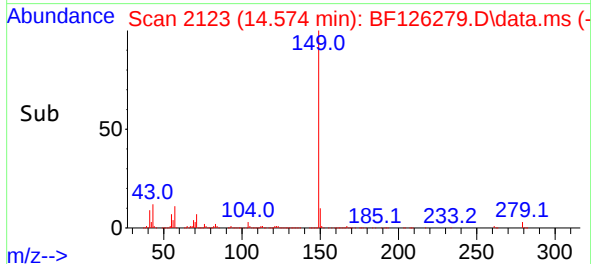
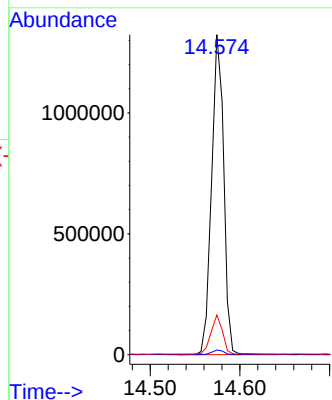
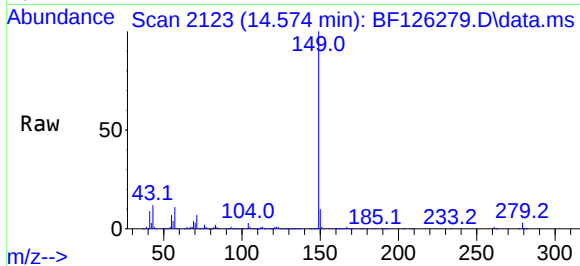




#85  
Di-n-octyl phthalate  
Concen: 54.427 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

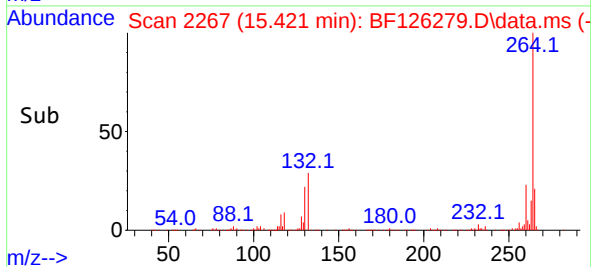
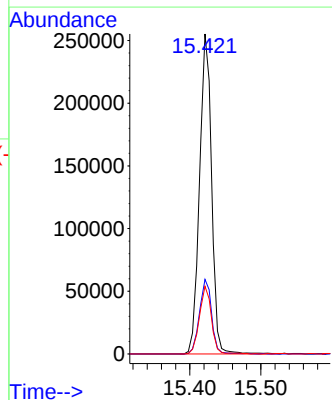
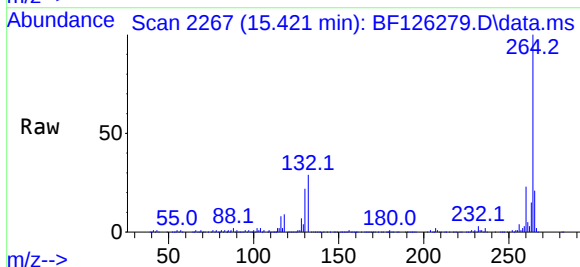
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

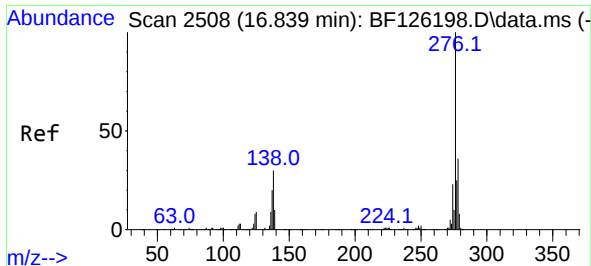
Tgt Ion:149 Resp: 1237650  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.0 1.6  
43 11.6 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.421 min Scan# 2267  
Delta R.T. 0.012 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:264 Resp: 302163  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.6 29.4  
265 21.1 17.2 25.8

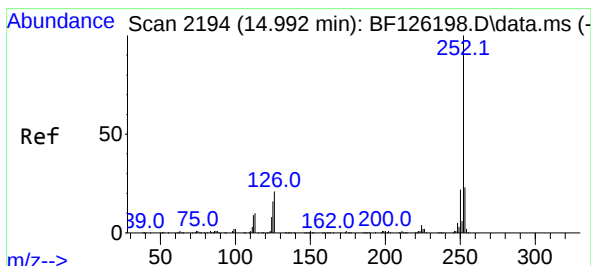
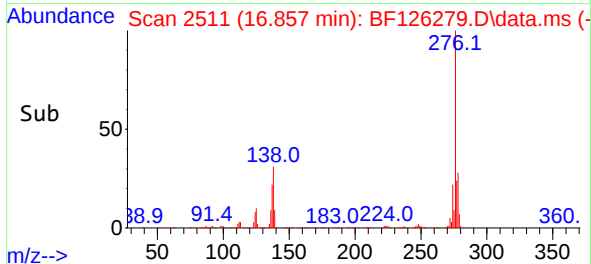
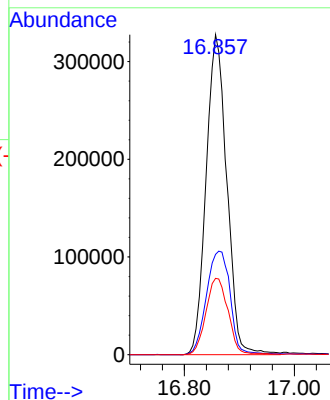
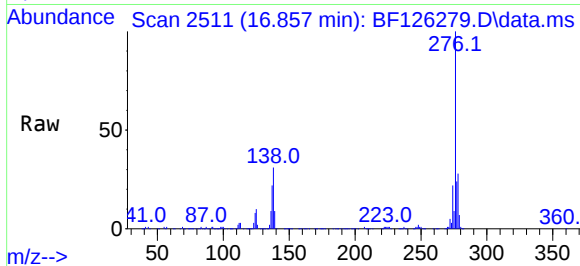




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.504 ng  
RT: 16.857 min Scan# 2197  
Delta R.T. 0.018 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

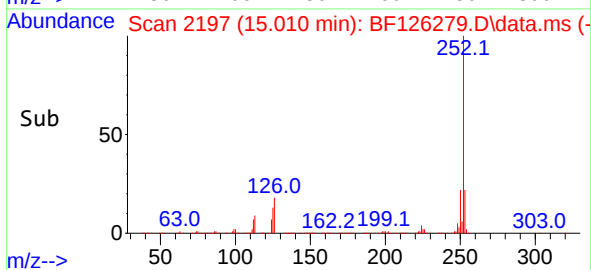
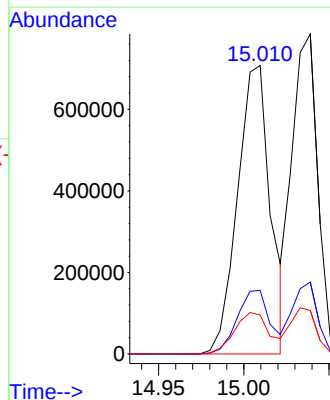
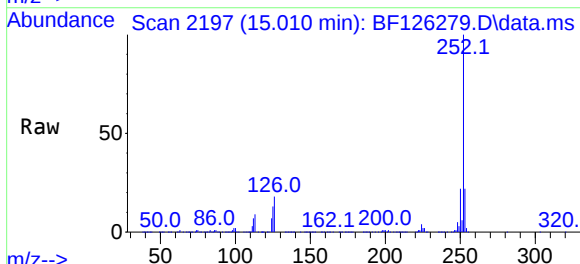
Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

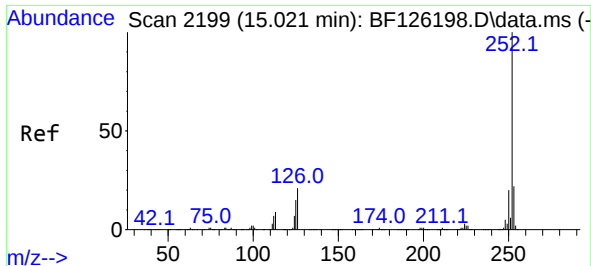
Tgt Ion:276 Resp: 856653  
Ion Ratio Lower Upper  
276 100  
138 37.3 24.1 36.1#  
277 25.6 18.8 28.2



#88  
Benzo(b)fluoranthene  
Concen: 52.319 ng  
RT: 15.010 min Scan# 2197  
Delta R.T. 0.018 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:252 Resp: 949877  
Ion Ratio Lower Upper  
252 100  
253 22.0 16.8 25.2  
125 13.5 9.8 14.8

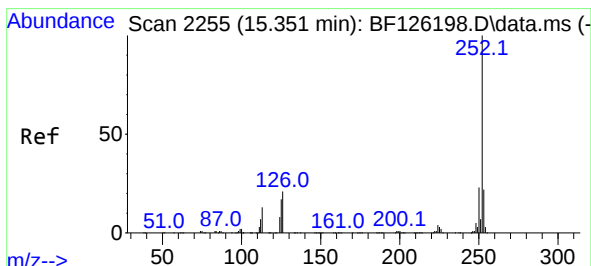
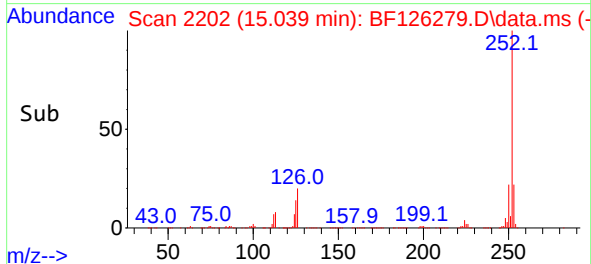
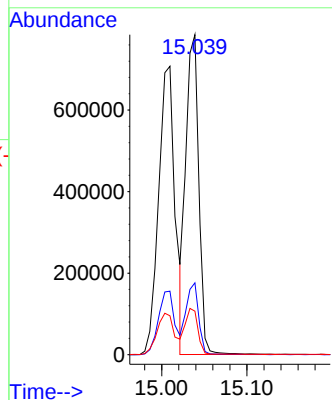
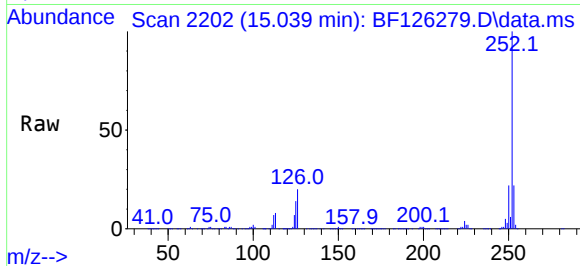




#89  
Benzo(k)fluoranthene  
Concen: 47.799 ng  
RT: 15.039 min Scan# 2199  
Delta R.T. 0.018 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

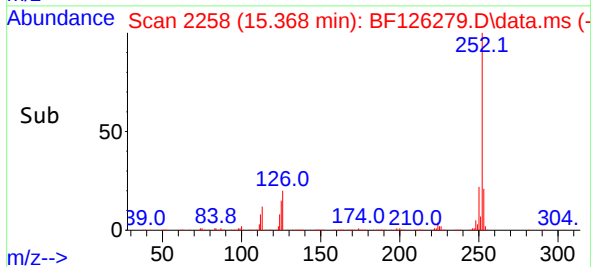
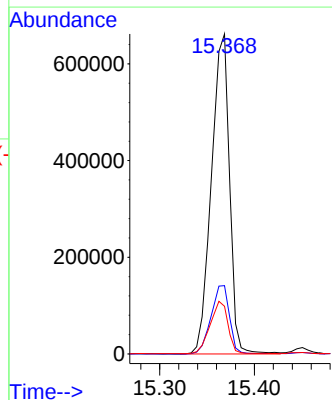
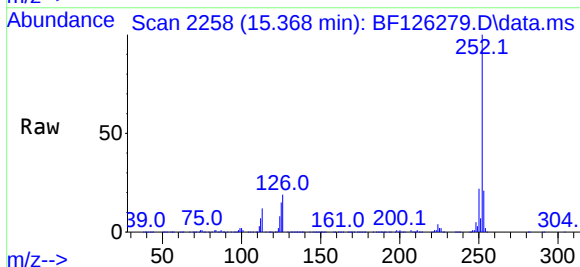
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BNA\_F  
ClientSampleId :  
NB-8-121721MSD

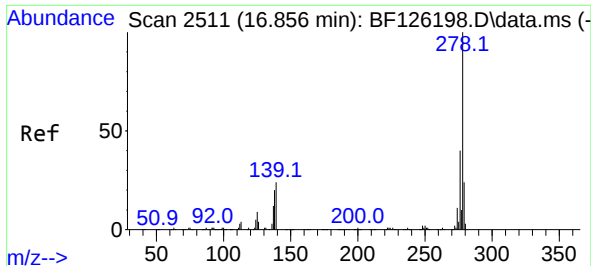
Tgt Ion:252 Resp: 830174  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.8  
125 13.6 7.2 10.8#



#90  
Benzo(a)pyrene  
Concen: 58.202 ng  
RT: 15.368 min Scan# 2258  
Delta R.T. 0.018 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:252 Resp: 878244  
Ion Ratio Lower Upper  
252 100  
253 21.4 18.4 27.6  
125 14.9 9.9 14.9#

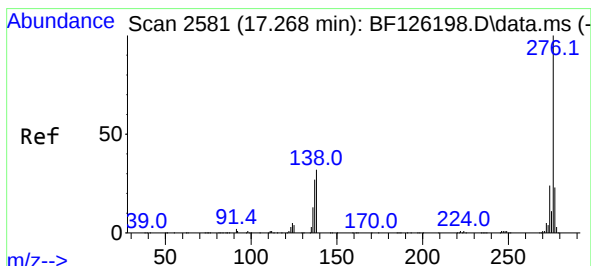
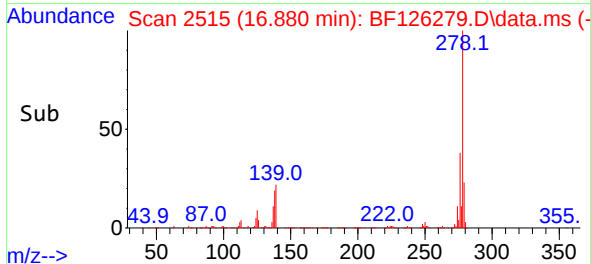
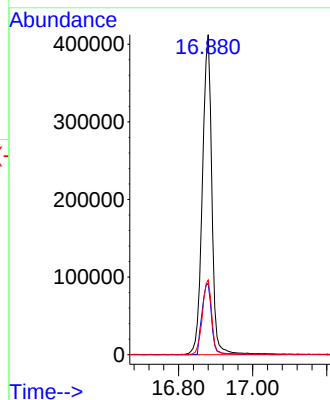
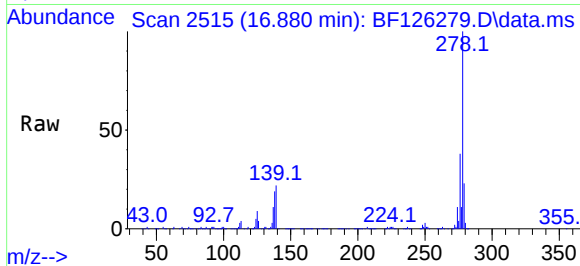




#91  
Dibenzo(a,h)anthracene  
Concen: 44.755 ng  
RT: 16.880 min Scan# 2515  
Delta R.T. 0.024 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Instrument :  
BNA\_F  
ClientSampleId :  
NB-8-121721MSD

Tgt Ion:278 Resp: 733266  
Ion Ratio Lower Upper  
278 100  
139 22.3 14.9 22.3  
279 23.3 19.7 29.5



#92  
Benzo(g,h,i)perylene  
Concen: 41.214 ng  
RT: 17.286 min Scan# 2584  
Delta R.T. 0.018 min  
Lab File: BF126279.D  
Acq: 20 Dec 2021 15:35

Tgt Ion:276 Resp: 698639  
Ion Ratio Lower Upper  
276 100  
277 23.7 22.0 33.0  
138 32.8 22.2 33.4

