

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010622\  
 Data File : BF126518.D  
 Acq On : 6 Jan 2022 15:23  
 Operator : JU/CG  
 Sample : N1014-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11944MS

Quant Time: Jan 07 08:32:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 01:57:07 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 94787    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 393204   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 177563   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.304 | 188  | 261755   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.951 | 240  | 133053   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.410 | 264  | 166192   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.410  | 112  | 723854   | 109.667 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.422  | 99   | 841106   | 98.386  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 621656   | 81.178  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 182837   | 133.252 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 883404   | 87.549  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 637704   | 93.122  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 130592   | 39.454  | ng    | # 85     |
| 3) Pyridine                   | 3.357  | 79   | 193891   | 21.716  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 141997   | 38.683  | ng    | 98       |
| 6) Aniline                    | 6.445  | 93   | 129492   | 12.181  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.569  | 128  | 304579   | 46.272  | ng    | 93       |
| 9) Benzaldehyde               | 6.334  | 77   | 157851   | 29.826  | ng    | 90       |
| 10) Phenol                    | 6.434  | 94   | 332754   | 34.878  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 319102   | 43.804  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 303180   | 46.091  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 305241   | 46.490  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 296610   | 46.364  | ng    | 97       |
| 15) Benzyl Alcohol            | 6.928  | 79   | 254418   | 42.534  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 503804   | 44.035  | ng    | 99       |
| 17) 2-Methylphenol            | 7.040  | 107  | 238383   | 41.171  | ng    | 98       |
| 18) Hexachloroethane          | 7.292  | 117  | 118322   | 45.231  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 199950   | 40.987  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.192  | 107  | 269132   | 39.042  | ng    | # 84     |
| 22) Acetophenone              | 7.192  | 105  | 406130   | 44.678  | ng    | 97       |
| 24) Nitrobenzene              | 7.363  | 77   | 318168   | 41.519  | ng    | 95       |
| 25) Isophorone                | 7.604  | 82   | 576163   | 42.029  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 156631   | 46.107  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 262662   | 49.448  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 379550   | 42.382  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.922  | 162  | 219357   | 45.226  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 235570   | 46.602  | ng    | 98       |
| 31) Naphthalene               | 8.087  | 128  | 851718   | 45.892  | ng    | 99       |
| 32) Benzoic acid              | 7.851  | 122  | 175823   | 45.977  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.134  | 127  | 68646    | 8.829   | ng    | # 93     |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 118538   | 48.246  | ng    | 99       |
| 35) Caprolactam               | 8.498  | 113  | 39341    | 31.884  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 8.622  | 107  | 253125   | 42.763  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.781  | 142  | 540615   | 49.379  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 497013   | 46.954  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 187597   | 48.620  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.934  | 237  | 206048   | 131.163 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.057  | 196  | 136155   | 47.716  | ng    | 99       |

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 Sample : N1014-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

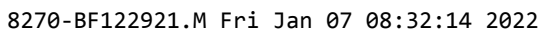
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11944MS

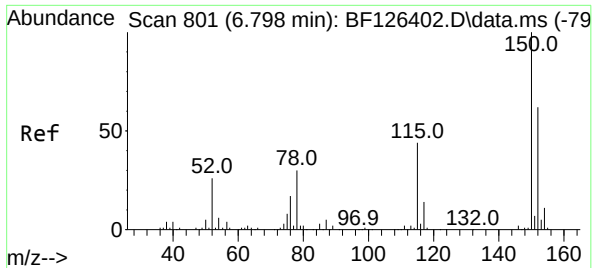
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 01:57:07 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.098  | 196  | 140774   | 45.833  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 629970   | 48.373  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 464036   | 47.043  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.363  | 65   | 148667   | 37.323  | ng    | 88       |
| 49) Acenaphthylene            | 9.681  | 152  | 699916   | 46.784  | ng    | 100      |
| 50) Dimethylphthalate         | 9.545  | 163  | 500958   | 45.193  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.604  | 165  | 109002   | 45.533  | ng    | 98       |
| 52) Acenaphthene              | 9.857  | 154  | 439778   | 44.839  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.775  | 138  | 58574    | 17.846  | ng    | 85       |
| 54) 2,4-Dinitrophenol         | 9.881  | 184  | 108661   | 87.910  | ng    | 94       |
| 55) Dibenzofuran              | 10.028 | 168  | 597387   | 45.055  | ng    | 98       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 172405   | 73.856  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.010 | 165  | 137674   | 44.576  | ng    | 94       |
| 58) Fluorene                  | 10.369 | 166  | 428374   | 45.694  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232  | 102301   | 46.405  | ng    | 95       |
| 60) Diethylphthalate          | 10.245 | 149  | 458303   | 42.900  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204  | 189507   | 46.322  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.386 | 138  | 112500   | 36.393  | ng    | 91       |
| 63) Azobenzene                | 10.522 | 77   | 544760   | 39.588  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 65391    | 46.132  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.480 | 169  | 389938   | 48.016  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.851 | 248  | 114169   | 49.140  | ng    | 96       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 136250   | 50.416  | ng    | # 91     |
| 69) Atrazine                  | 11.010 | 200  | 104797   | 74.942  | ng    | 97       |
| 70) Pentachlorophenol         | 11.116 | 266  | 135360   | 103.053 | ng    | 97       |
| 71) Phenanthrene              | 11.333 | 178  | 618551   | 46.222  | ng    | 99       |
| 72) Anthracene                | 11.380 | 178  | 638065   | 47.651  | ng    | 100      |
| 73) Carbazole                 | 11.539 | 167  | 547768   | 41.776  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.875 | 149  | 653180   | 43.755  | ng    | 99       |
| 75) Fluoranthene              | 12.522 | 202  | 532313   | 43.583  | ng    | 98       |
| 77) Benzidine                 | 12.645 | 184  | 43890    | 16.827  | ng    | 99       |
| 78) Pyrene                    | 12.751 | 202  | 534520   | 47.537  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 218932   | 43.940  | ng    | 86       |
| 81) Benzo(a)anthracene        | 13.939 | 228  | 358239   | 46.818  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.904 | 252  | 106175   | 29.743  | ng    | 98       |
| 83) Chrysene                  | 13.974 | 228  | 379928   | 48.406  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 251850   | 48.774  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.563 | 149  | 471797   | 52.684  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.839 | 276  | 576156   | 51.802  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 14.992 | 252  | 482601   | 48.746  | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 15.021 | 252  | 397553   | 41.453  | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.351 | 252  | 457759   | 55.143  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.857 | 278  | 475430   | 52.974  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.274 | 276  | 512587   | 53.636  | ng    | 94       |

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

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QLast Update : Wed Jan 05 01:57:07 2022  
Response via : Initial Calibration

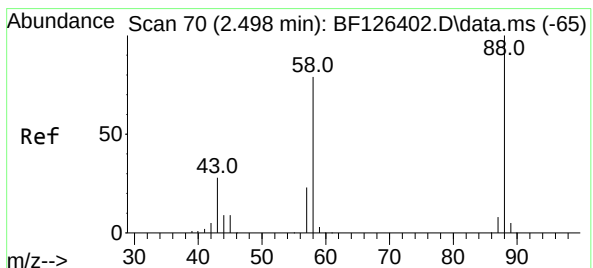
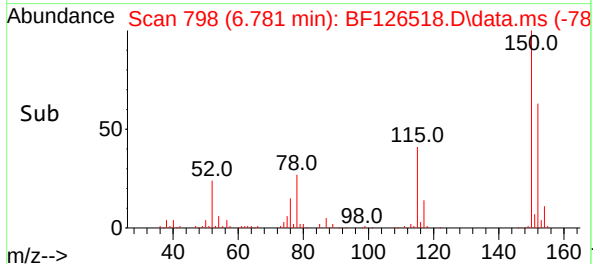
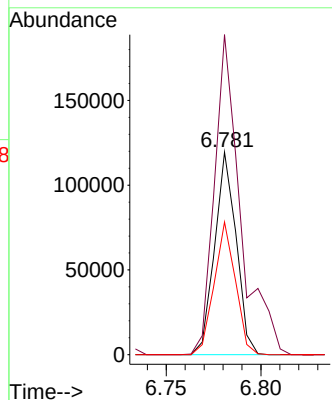
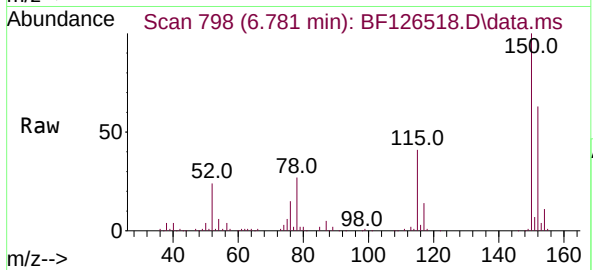




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF126518.D  
 Acq: 6 Jan 2022 15:23

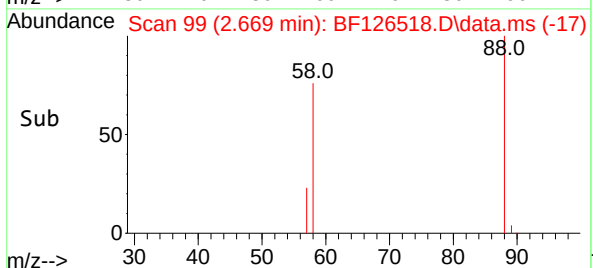
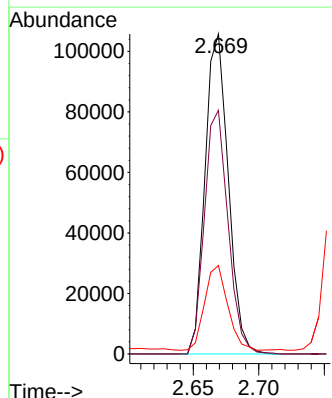
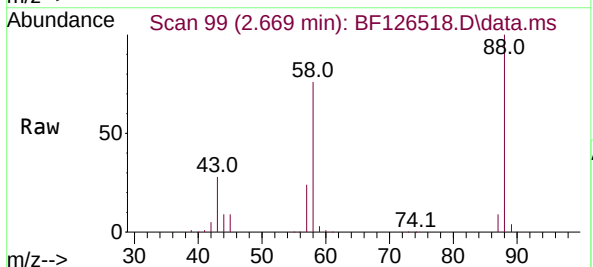
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11944MS

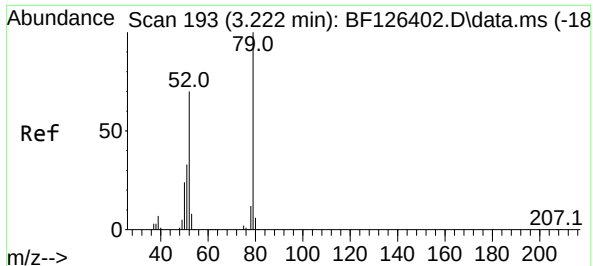
Tgt Ion:152 Resp: 94787  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 128.1 192.1  
 115 65.5 56.7 85.1



#2  
 1,4-Dioxane  
 Concen: 39.454 ng  
 RT: 2.669 min Scan# 99  
 Delta R.T. 0.183 min  
 Lab File: BF126518.D  
 Acq: 6 Jan 2022 15:23

Tgt Ion: 88 Resp: 130592  
 Ion Ratio Lower Upper  
 88 100  
 58 77.3 62.8 94.2  
 43 0.0 22.3 33.5#

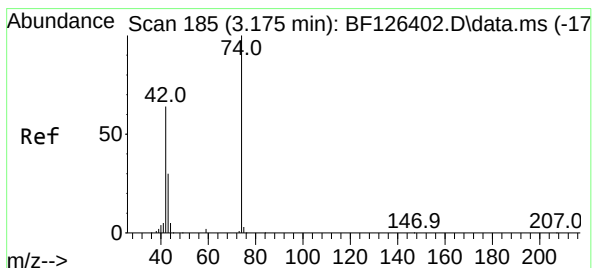
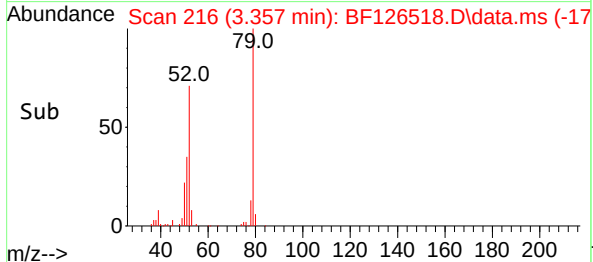
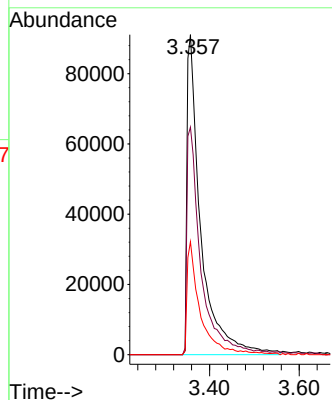
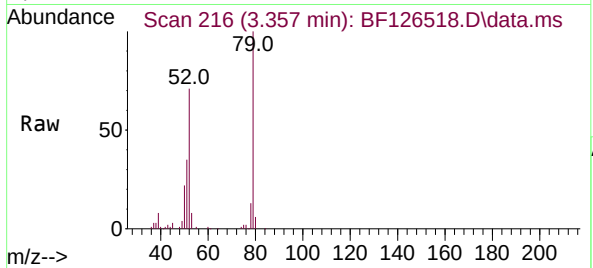




#3  
Pyridine  
Concen: 21.716 ng  
RT: 3.357 min Scan# 21  
Delta R.T. 0.147 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

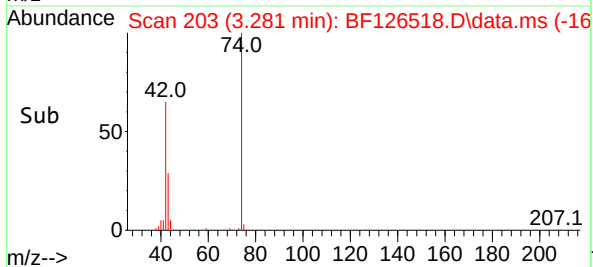
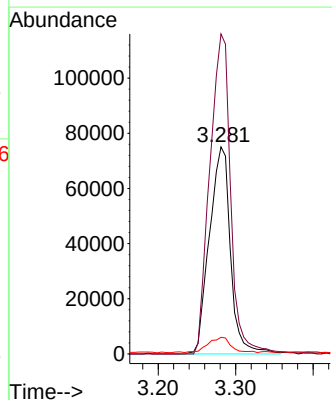
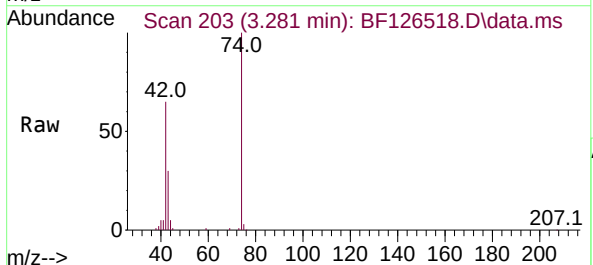
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

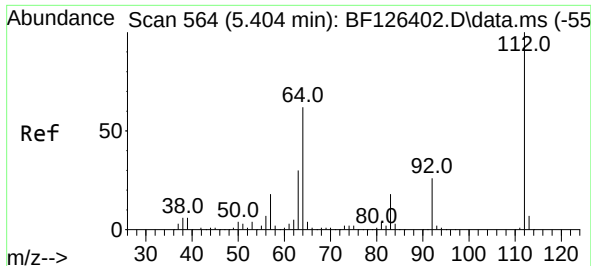
Tgt Ion: 79 Resp: 193891  
Ion Ratio Lower Upper  
79 100  
52 71.1 56.2 84.4  
51 35.3 26.7 40.1



#4  
n-Nitrosodimethylamine  
Concen: 38.683 ng  
RT: 3.281 min Scan# 203  
Delta R.T. 0.118 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 42 Resp: 141997  
Ion Ratio Lower Upper  
42 100  
74 154.5 125.6 188.4  
44 8.0 5.7 8.5

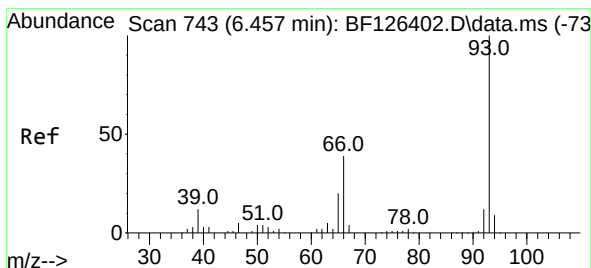
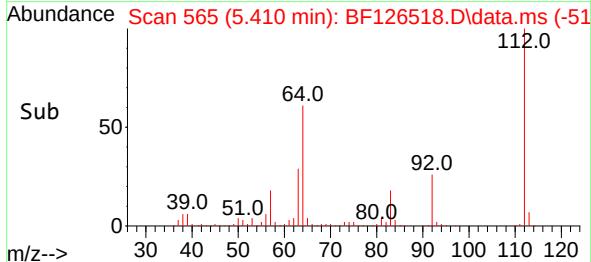
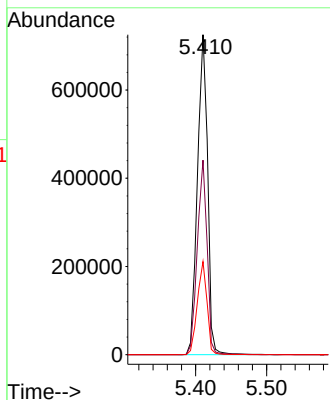
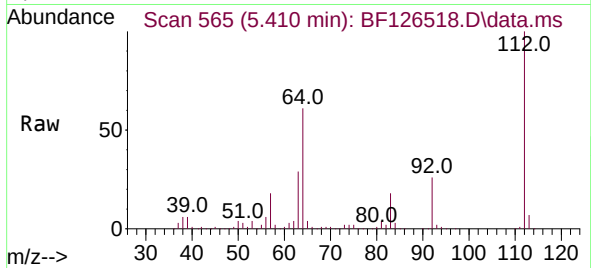




#5  
2-Fluorophenol  
Concen: 109.667 ng  
RT: 5.410 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

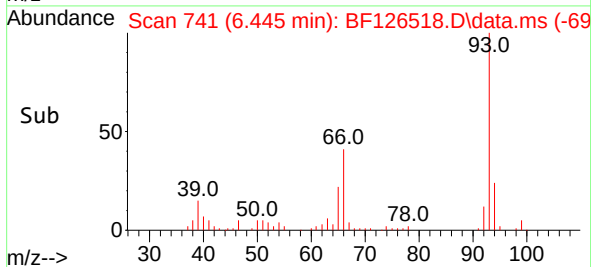
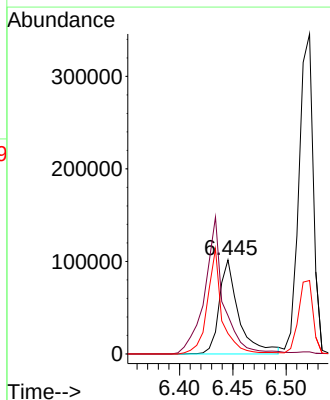
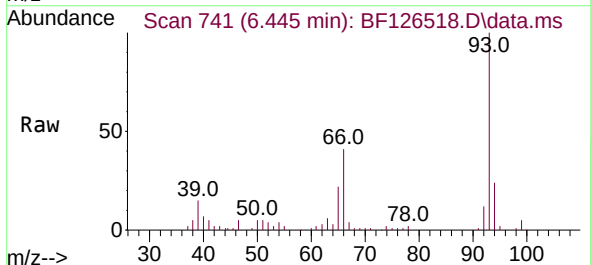
Instrument :  
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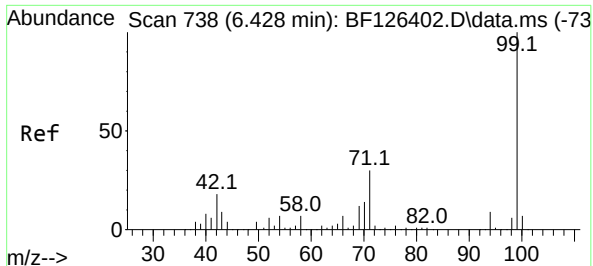
Tgt Ion:112 Resp: 723854  
Ion Ratio Lower Upper  
112 100  
64 60.8 49.5 74.3  
63 29.1 23.9 35.9



#6  
Aniline  
Concen: 12.181 ng  
RT: 6.445 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 93 Resp: 129492  
Ion Ratio Lower Upper  
93 100  
66 40.8 32.2 48.4  
65 21.8 16.3 24.5

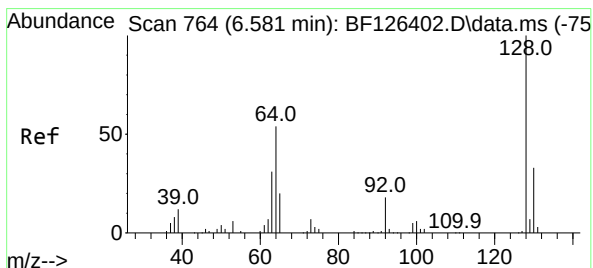
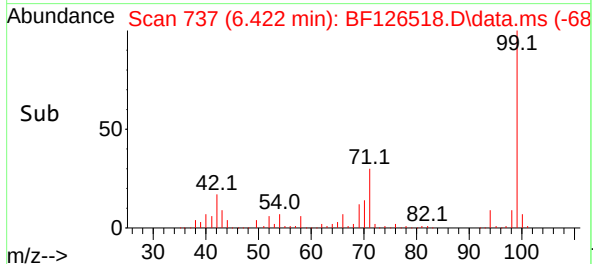
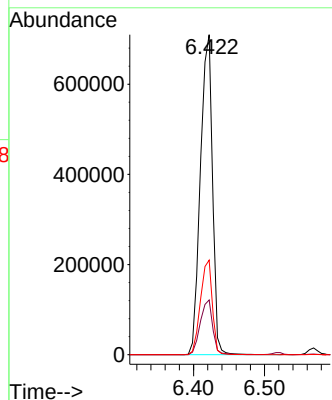
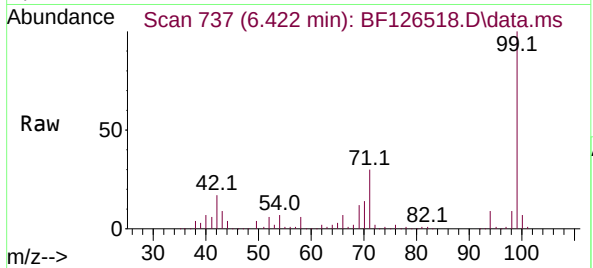




#7  
Phenol-d6  
Concen: 98.386 ng  
RT: 6.422 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

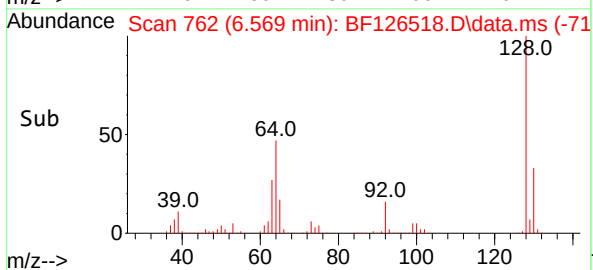
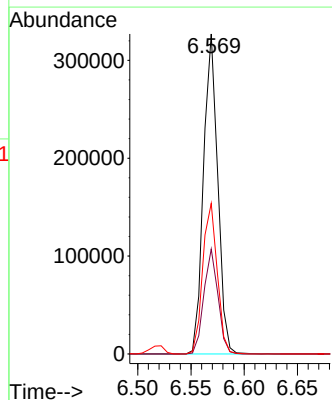
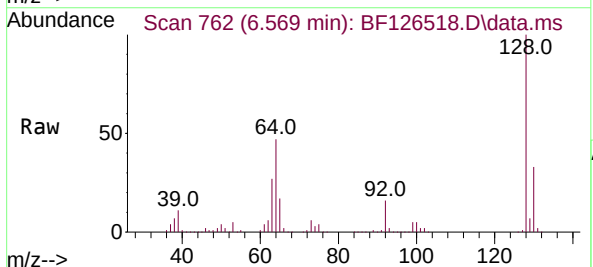
Instrument :  
BNA\_F  
ClientSampleId :  
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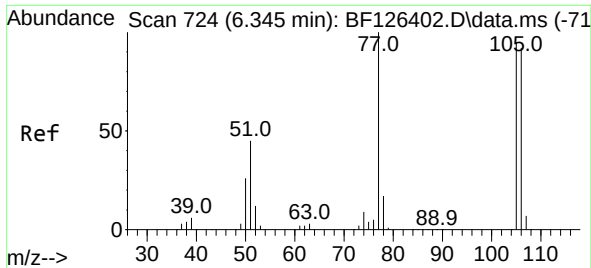
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Ion Ratio Lower Upper  
99 100  
42 17.1 14.2 21.4  
71 29.6 24.3 36.5



#8  
2-Chlorophenol  
Concen: 46.272 ng  
RT: 6.569 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 128 Resp: 304579  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.7 52.7  
64 47.0 35.6 75.6

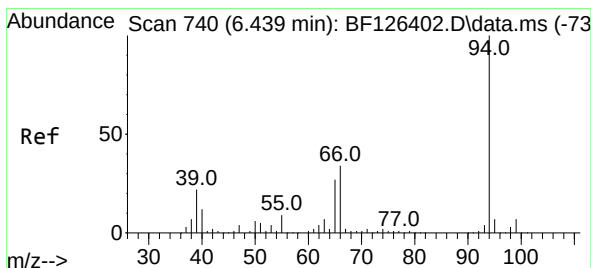
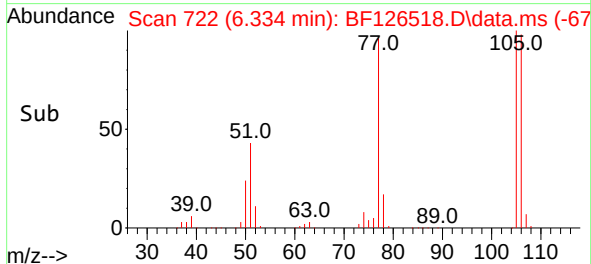
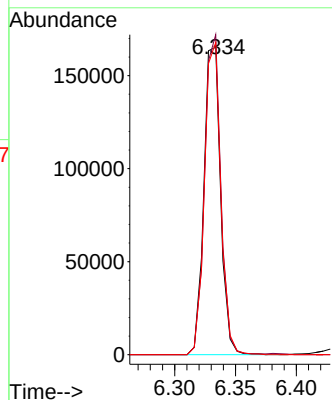
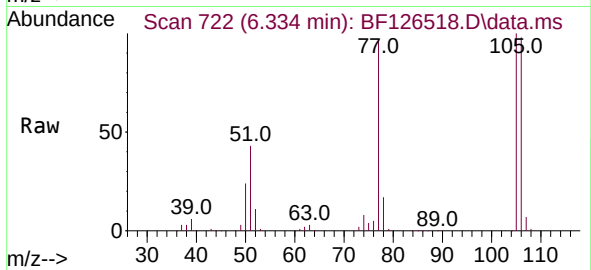




#9  
Benzaldehyde  
Concen: 29.826 ng  
RT: 6.334 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

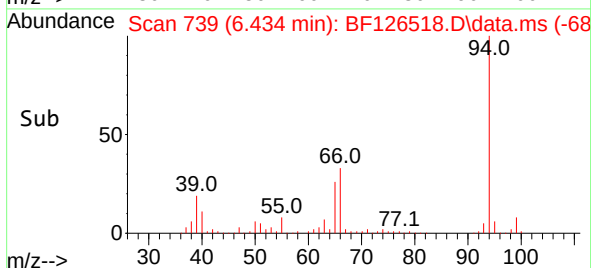
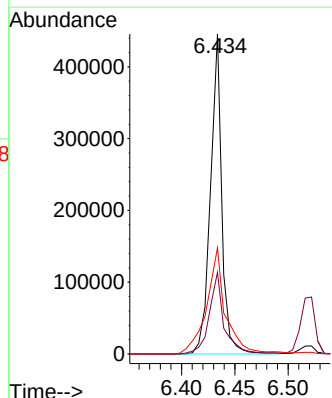
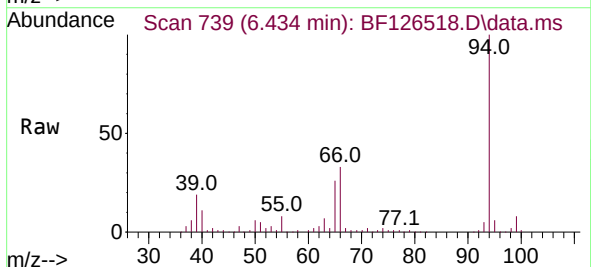
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

Tgt Ion: 77 Resp: 157851  
Ion Ratio Lower Upper  
77 100  
105 104.1 74.9 114.9  
106 101.5 72.4 112.4

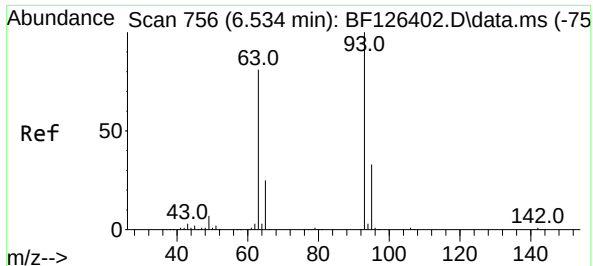


#10  
Phenol  
Concen: 34.878 ng  
RT: 6.434 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 94 Resp: 332754  
Ion Ratio Lower Upper  
94 100  
65 25.5 7.2 47.2  
66 33.2 14.5 54.5







#11

bis(2-Chloroethyl)ether

Concen: 43.804 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

Instrument :

BNA\_F

ClientSampleId :

72-11944MS

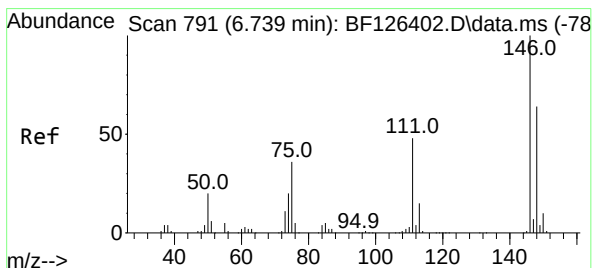
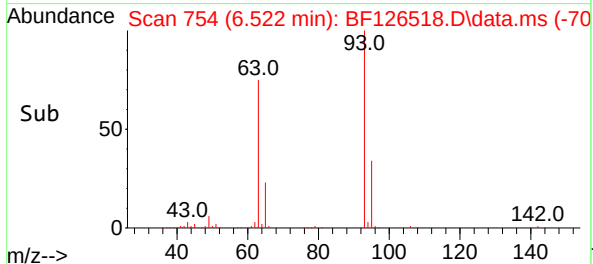
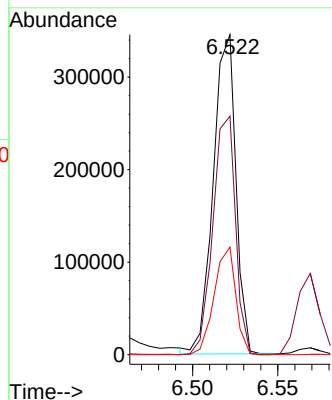
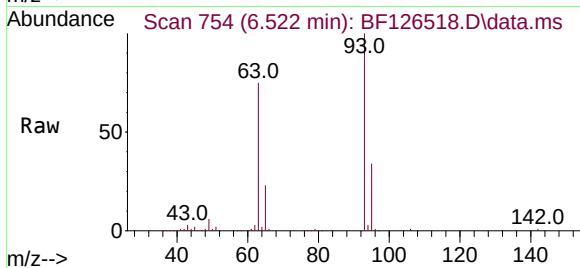
Tgt Ion: 93 Resp: 319102

Ion Ratio Lower Upper

93 100

63 74.6 60.5 100.5

95 33.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.091 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

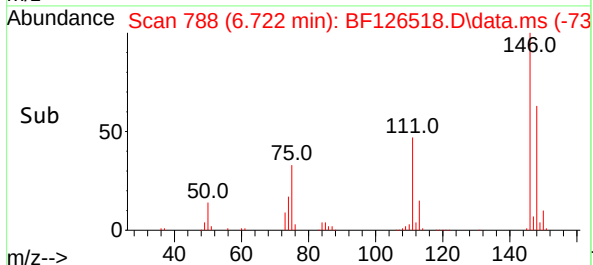
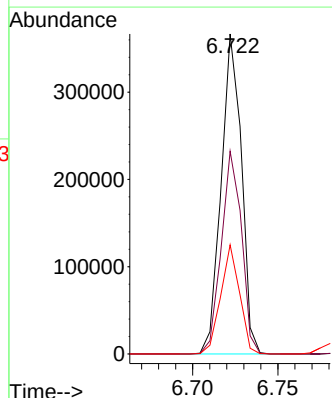
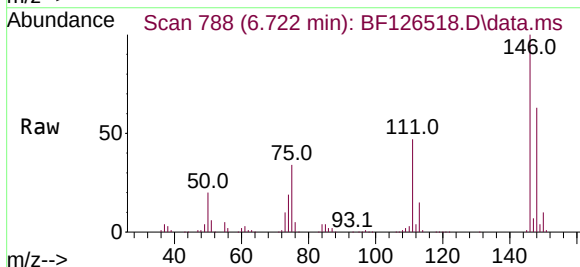
Tgt Ion:146 Resp: 303180

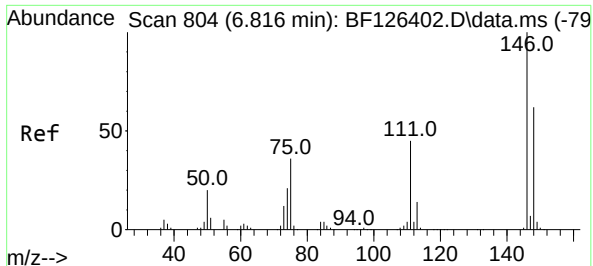
Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

75 34.1 28.4 42.6

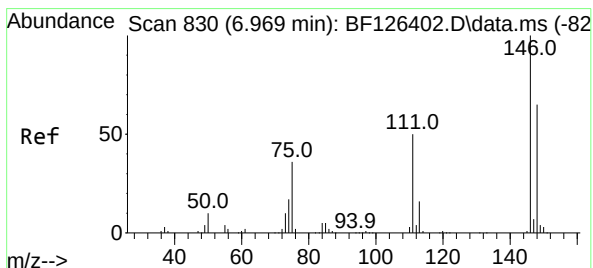
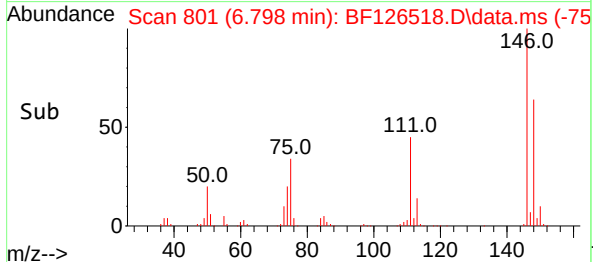
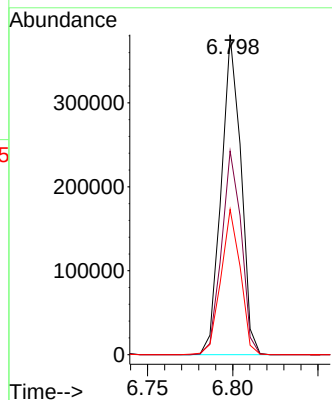
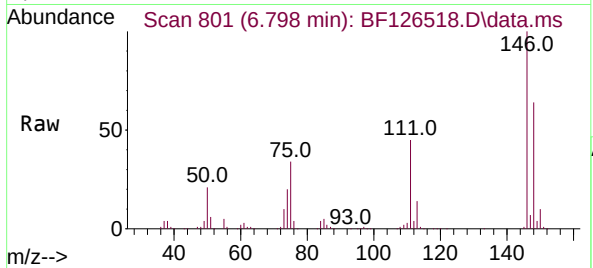




#13  
1,4-Dichlorobenzene  
Concen: 46.490 ng  
RT: 6.798 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

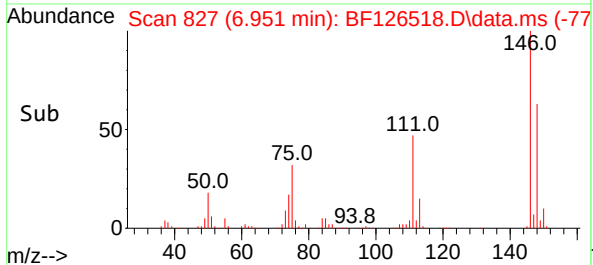
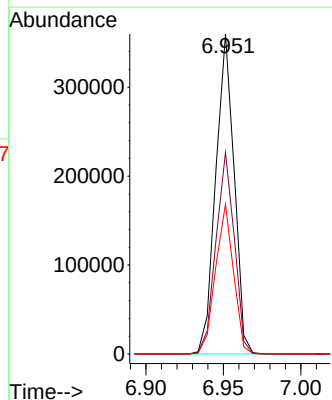
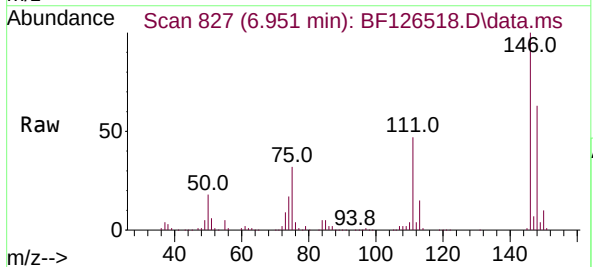
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

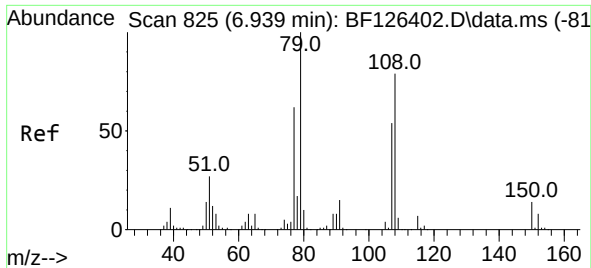
Tgt Ion:146 Resp: 305241  
Ion Ratio Lower Upper  
146 100  
148 63.7 49.8 74.6  
111 45.4 36.1 54.1



#14  
1,2-Dichlorobenzene  
Concen: 46.364 ng  
RT: 6.951 min Scan# 827  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:146 Resp: 296610  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.6 77.4  
111 46.8 40.2 60.2

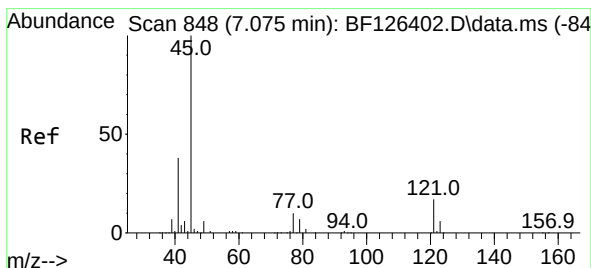
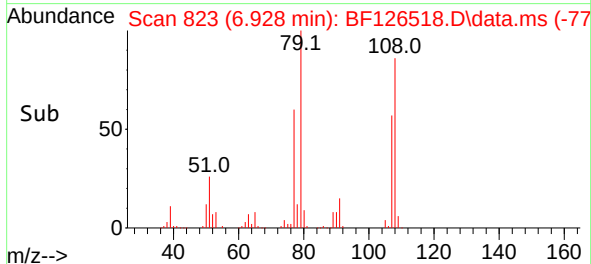
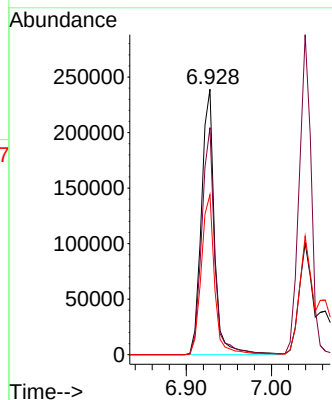
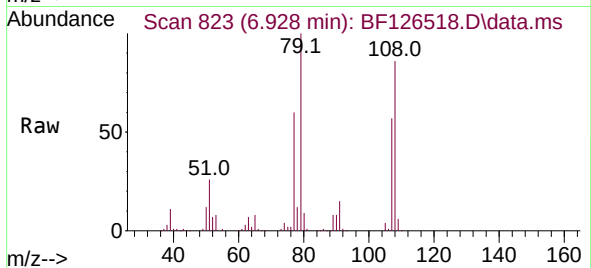




#15  
Benzyl Alcohol  
Concen: 42.534 ng  
RT: 6.928 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

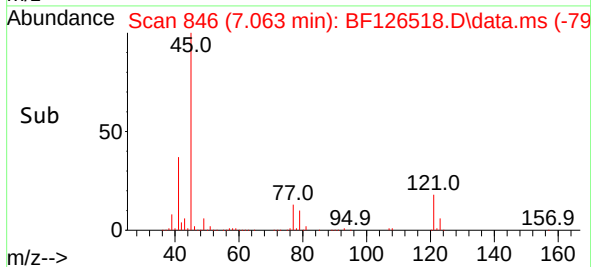
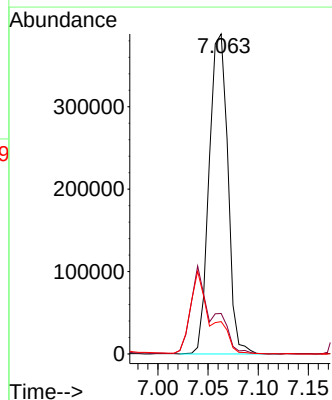
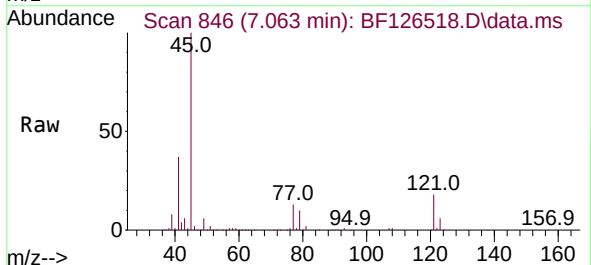
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

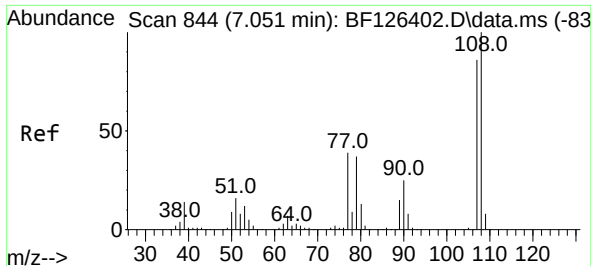
Tgt Ion: 79 Resp: 254418  
Ion Ratio Lower Upper  
79 100  
108 85.6 63.2 94.8  
77 60.3 49.4 74.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.035 ng  
RT: 7.063 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 45 Resp: 503804  
Ion Ratio Lower Upper  
45 100  
77 12.6 0.0 32.4  
79 10.1 0.0 29.8

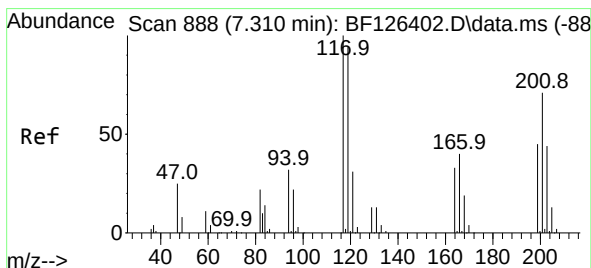
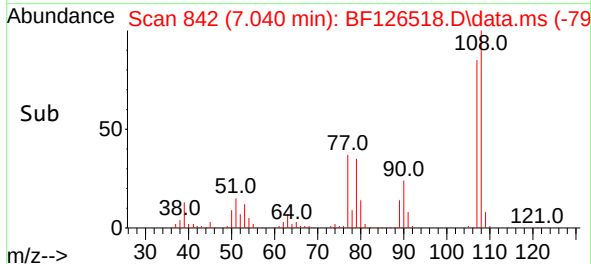
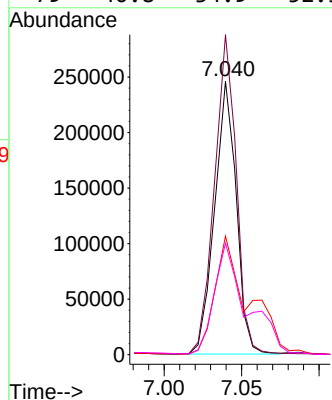
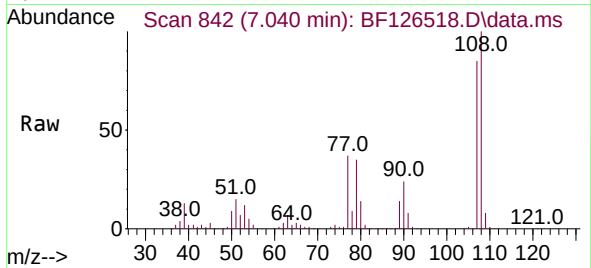




#17  
2-Methylphenol  
Concen: 41.171 ng  
RT: 7.040 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

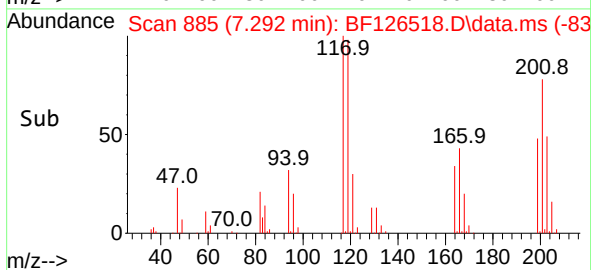
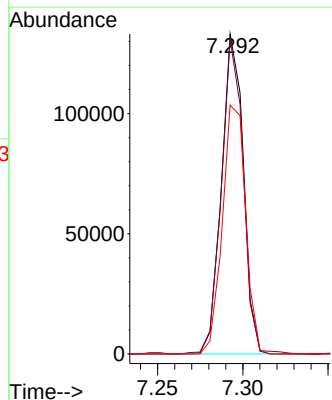
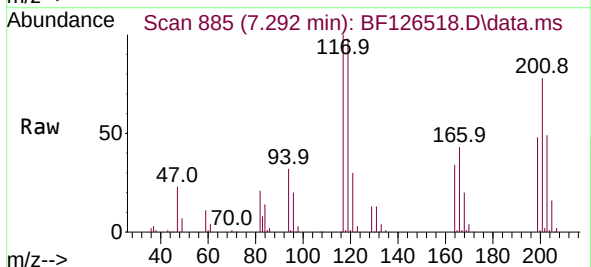
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

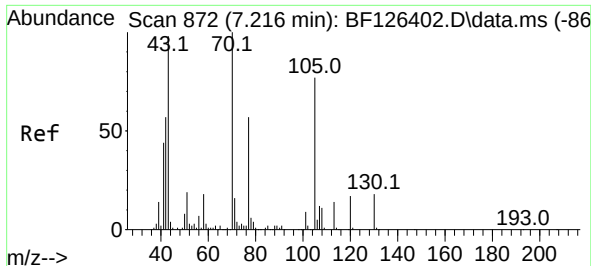
Tgt Ion:107 Resp: 238383  
Ion Ratio Lower Upper  
107 100  
108 117.1 93.4 140.0  
77 43.4 36.1 54.1  
79 40.8 34.9 52.3



#18  
Hexachloroethane  
Concen: 45.231 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:117 Resp: 118322  
Ion Ratio Lower Upper  
117 100  
119 98.2 75.4 113.0  
201 77.8 56.8 85.2



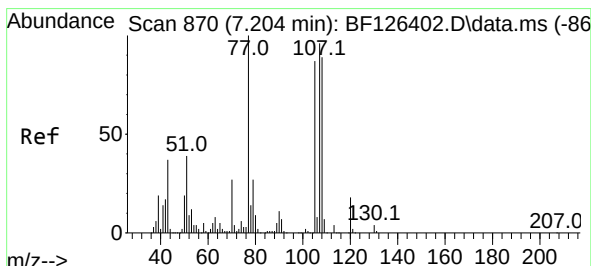
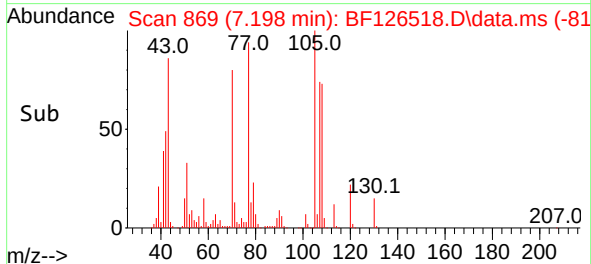
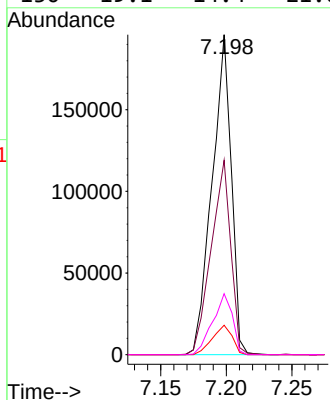
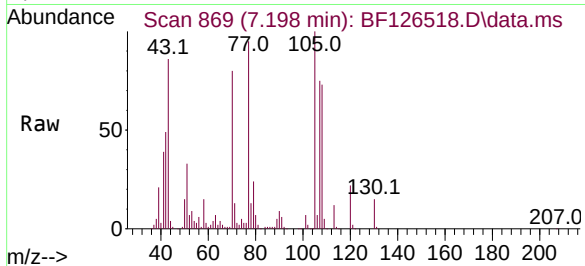


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.987 ng  
RT: 7.198 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

Tgt Ion: 70 Resp: 199950

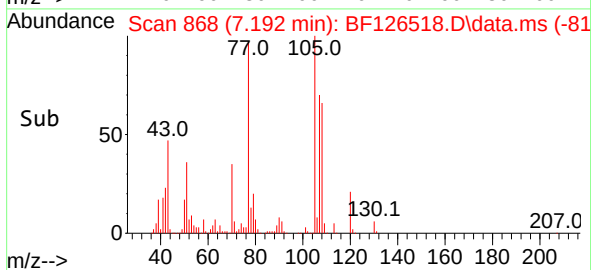
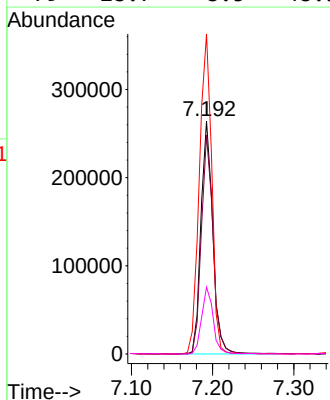
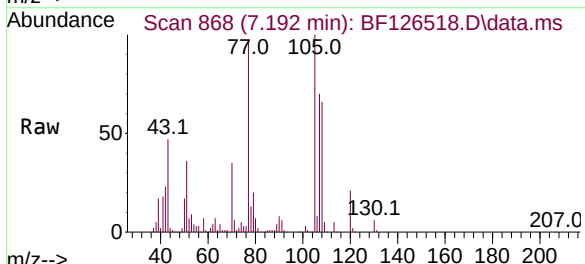
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 60.7  | 45.8  | 68.8  |
| 101 | 9.2   | 6.9   | 10.3  |
| 130 | 19.1  | 14.4  | 21.6  |

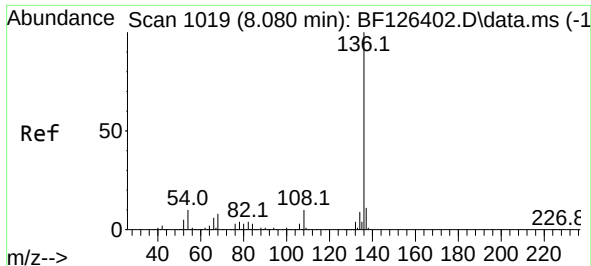


#20  
3+4-Methylphenols  
Concen: 39.042 ng  
RT: 7.192 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 107 Resp: 269132

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 93.9  | 72.4  | 112.4  |
| 77  | 137.4 | 83.8  | 123.8# |
| 79  | 28.7  | 8.5   | 48.5   |

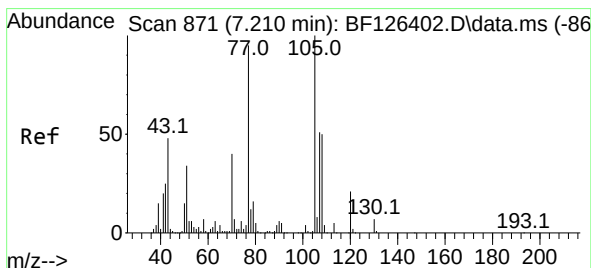
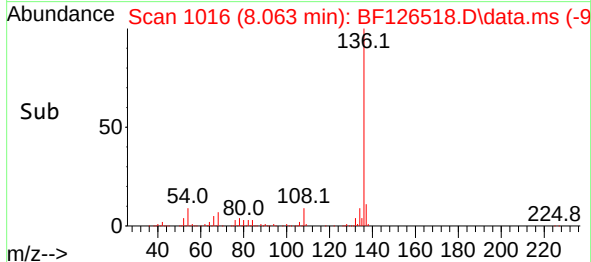
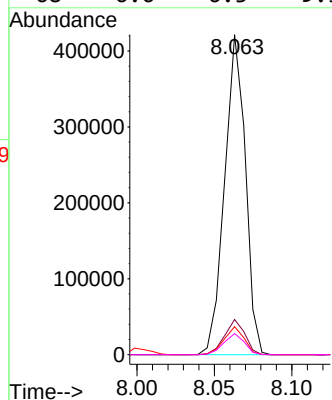
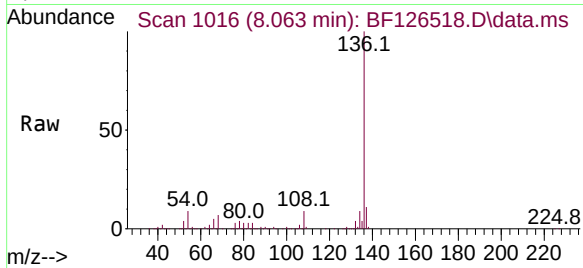




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

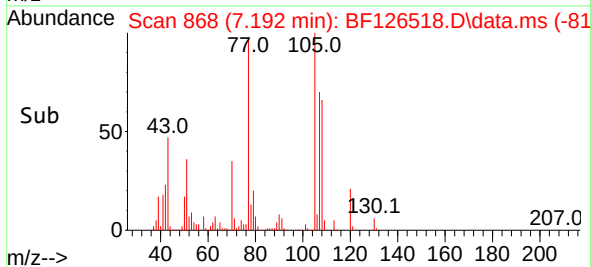
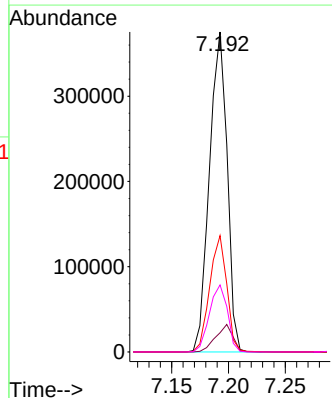
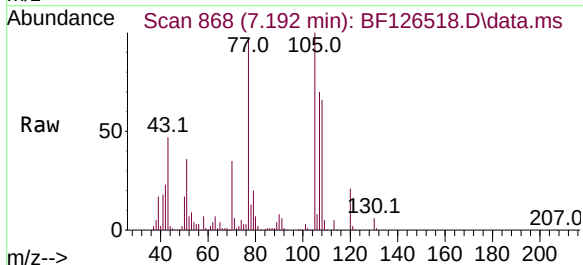
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

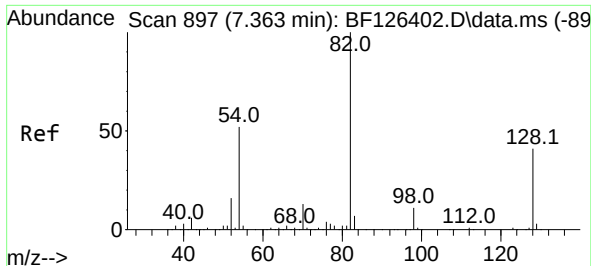
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 393204 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.6   | 13.0   |
| 54        | 8.8   | 7.8   | 11.6   |
| 68        | 6.6   | 6.3   | 9.5    |



#22  
Acetophenone  
Concen: 44.678 ng  
RT: 7.192 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 406130 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 6.0   | 5.4   | 8.0    |
| 51        | 36.4  | 27.4  | 41.0   |
| 120       | 20.9  | 17.0  | 25.6   |

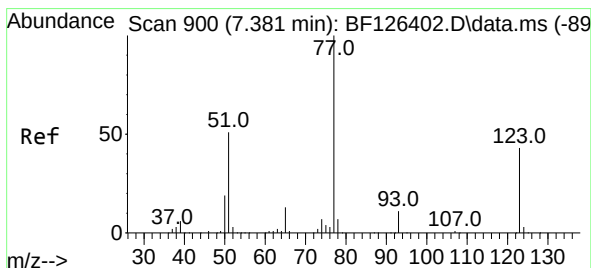
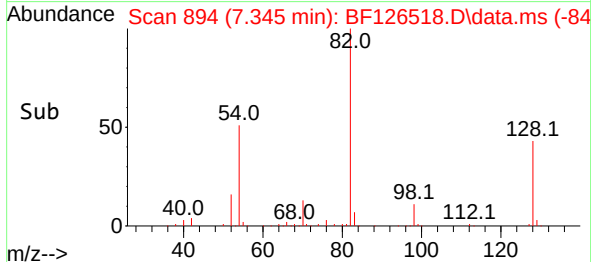
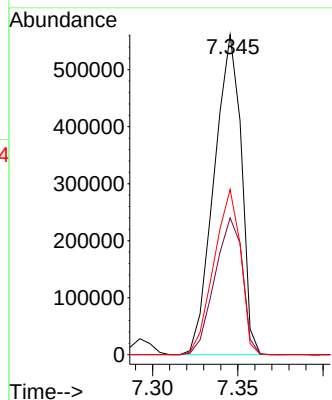
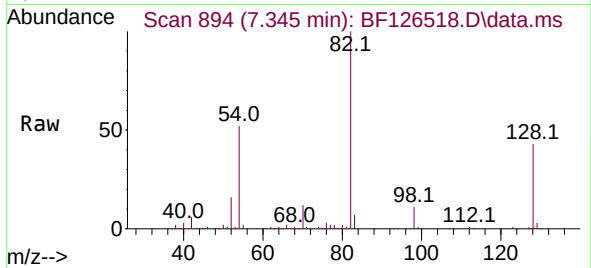




#23  
Nitrobenzene-d5  
Concen: 81.178 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

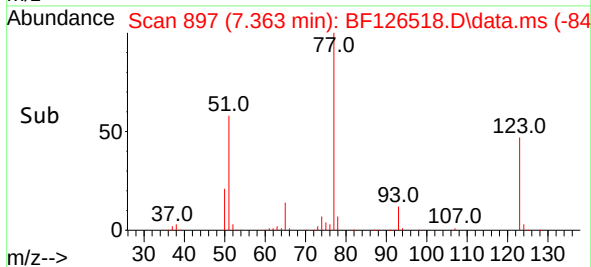
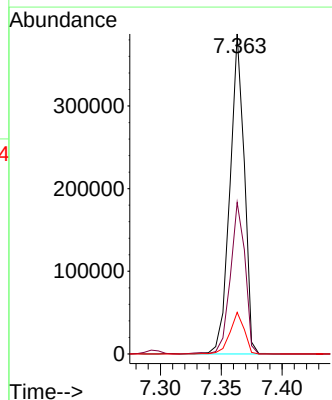
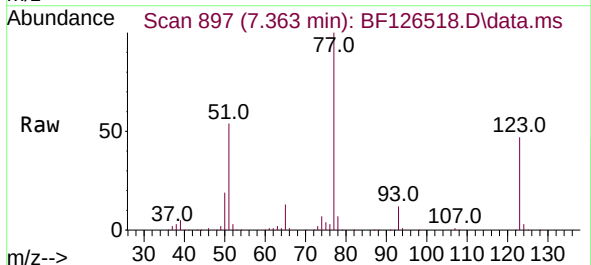
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

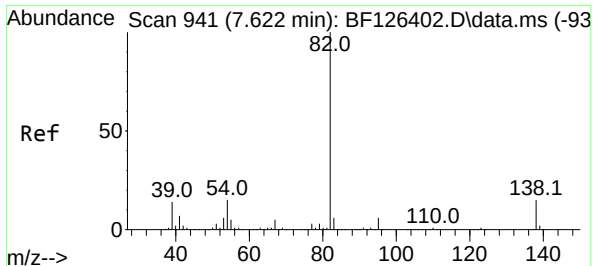
Tgt Ion: 82 Resp: 621656  
Ion Ratio Lower Upper  
82 100  
128 42.7 32.7 49.1  
54 51.6 41.7 62.5



#24  
Nitrobenzene  
Concen: 41.519 ng  
RT: 7.363 min Scan# 897  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 77 Resp: 318168  
Ion Ratio Lower Upper  
77 100  
123 47.4 34.6 52.0  
65 13.0 10.6 15.8

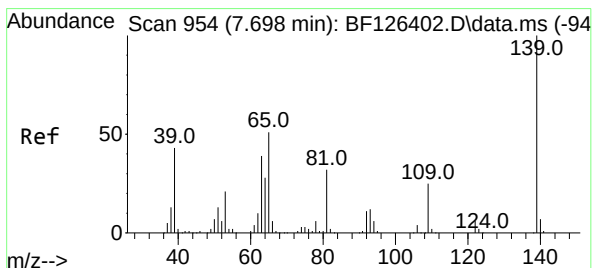
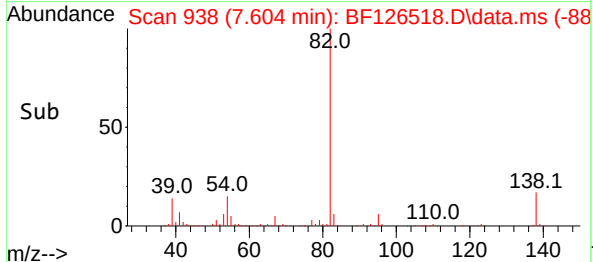
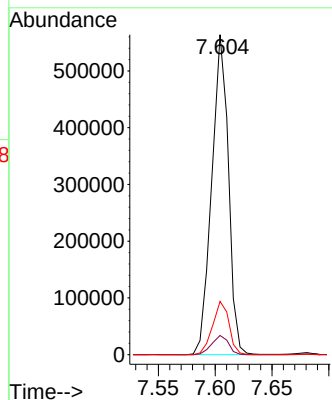
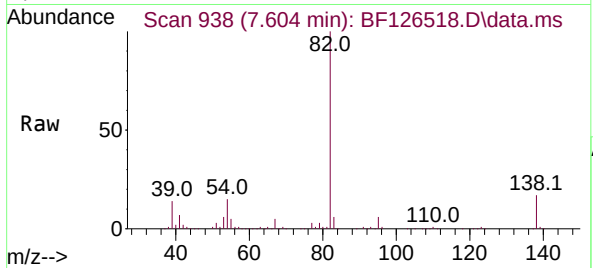




#25  
Isophorone  
Concen: 42.029 ng  
RT: 7.604 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

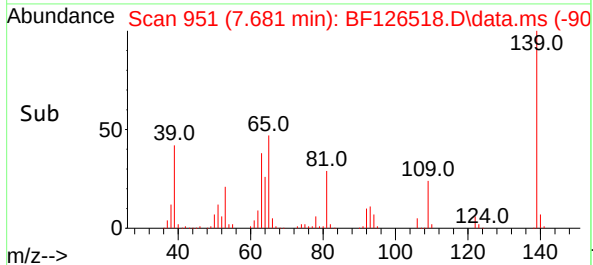
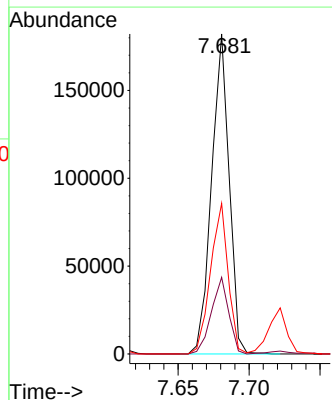
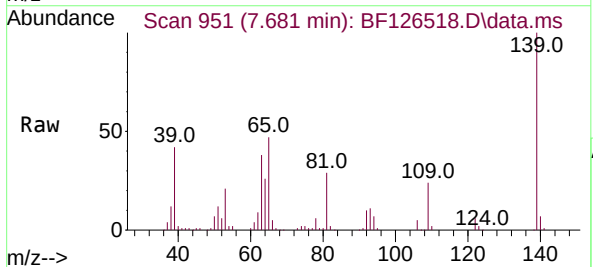
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

Tgt Ion: 82 Resp: 576163  
Ion Ratio Lower Upper  
82 100  
95 6.0 5.0 7.4  
138 16.6 12.3 18.5

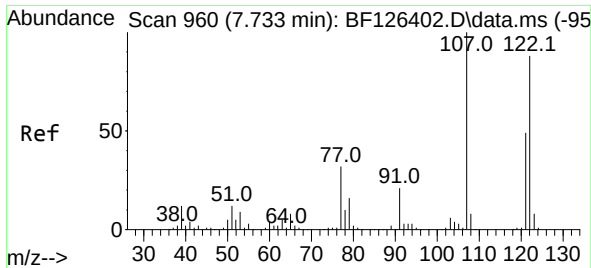


#26  
2-Nitrophenol  
Concen: 46.107 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 139 Resp: 156631  
Ion Ratio Lower Upper  
139 100  
109 24.0 20.0 30.0  
65 47.1 40.8 61.2



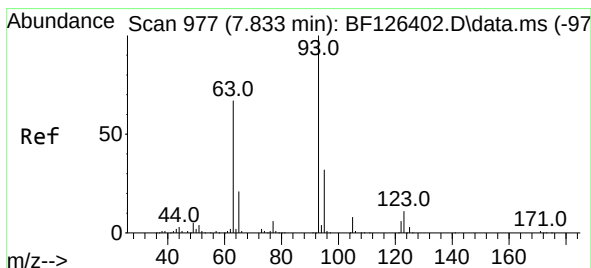
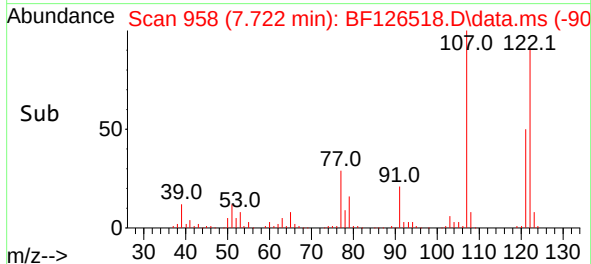
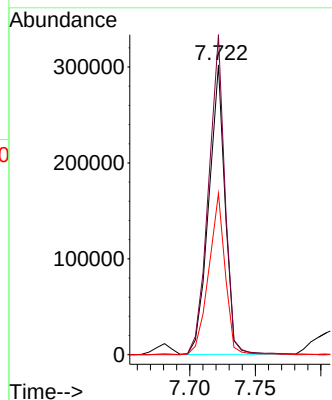
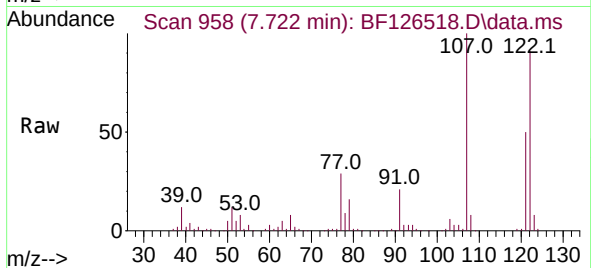




#27  
2,4-Dimethylphenol  
Concen: 49.448 ng  
RT: 7.722 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

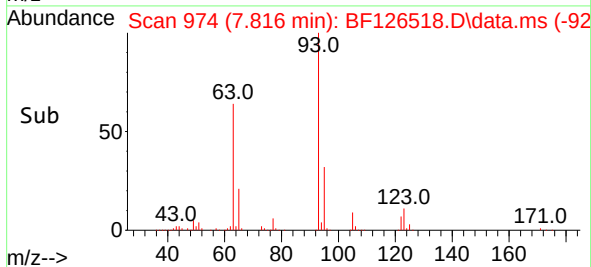
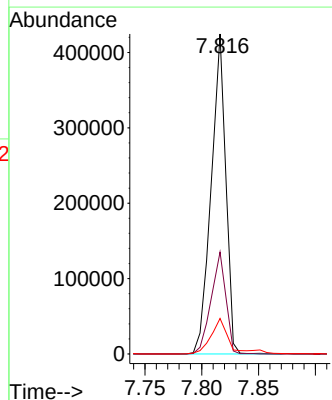
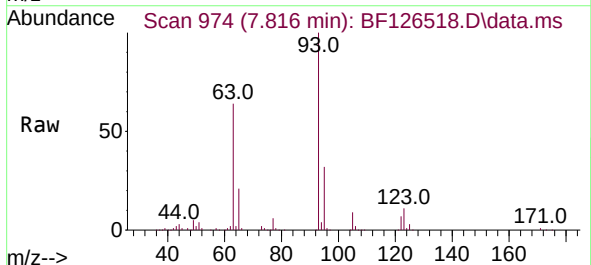
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

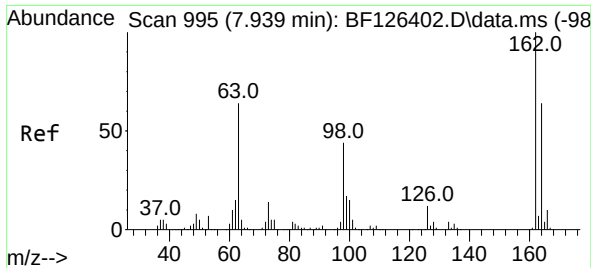
Tgt Ion:122 Resp: 262662  
Ion Ratio Lower Upper  
122 100  
107 110.4 91.2 136.8  
121 55.7 44.4 66.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.382 ng  
RT: 7.816 min Scan# 974  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion: 93 Resp: 379550  
Ion Ratio Lower Upper  
93 100  
95 31.8 25.4 38.2  
123 11.1 8.9 13.3

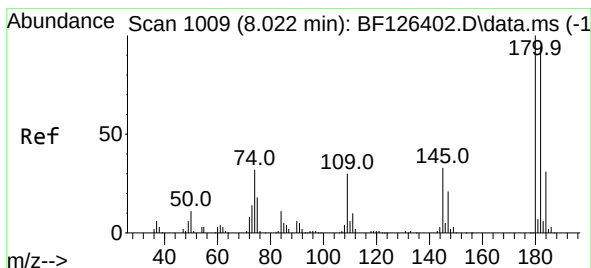
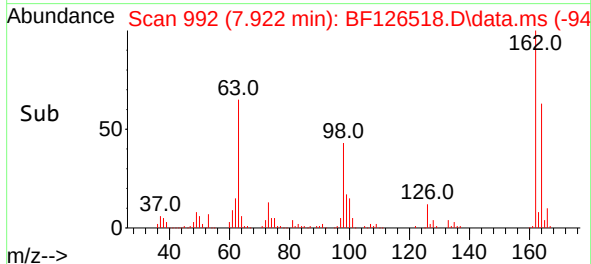
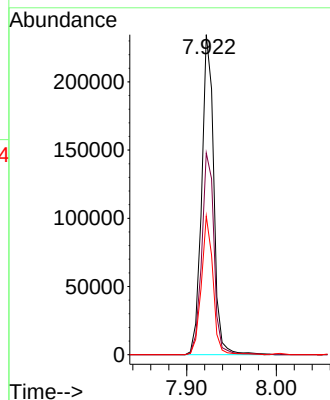
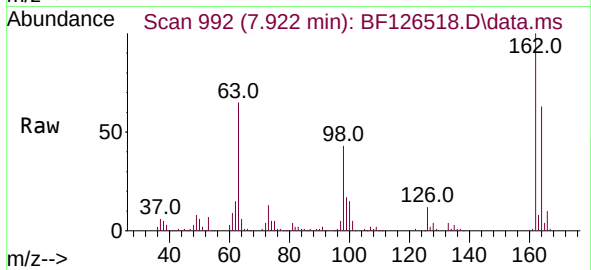




#29  
2,4-Dichlorophenol  
Concen: 45.226 ng  
RT: 7.922 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

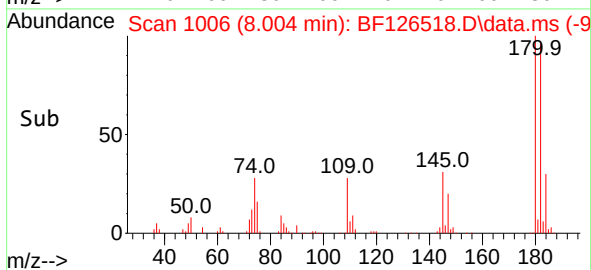
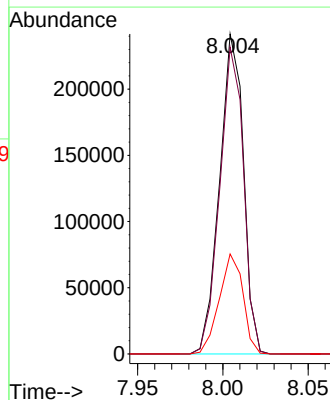
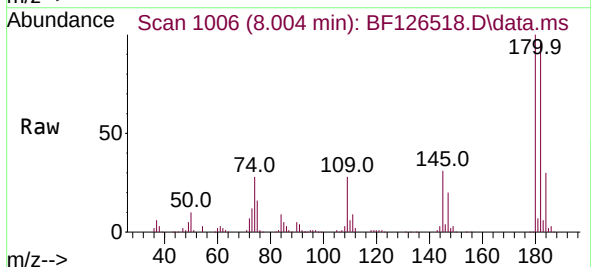
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

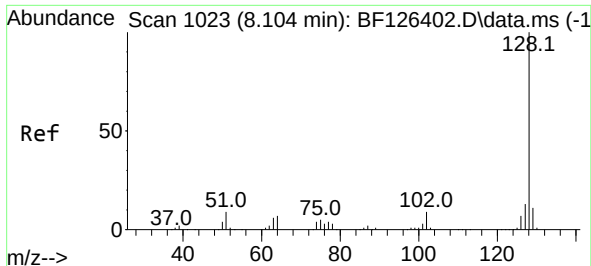
Tgt Ion:162 Resp: 219357  
Ion Ratio Lower Upper  
162 100  
164 63.0 43.8 83.8  
98 43.3 23.6 63.6



#30  
1,2,4-Trichlorobenzene  
Concen: 46.602 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:180 Resp: 235570  
Ion Ratio Lower Upper  
180 100  
182 95.9 75.5 113.3  
145 31.3 26.2 39.2

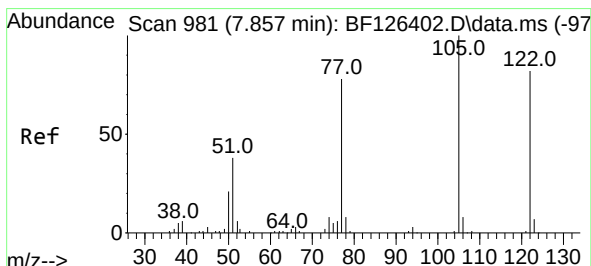
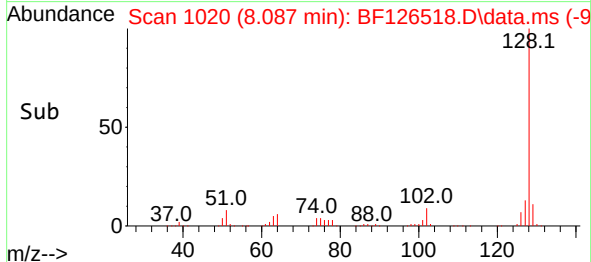
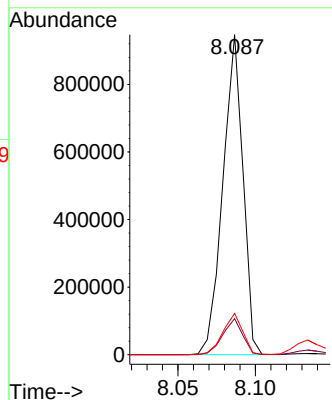
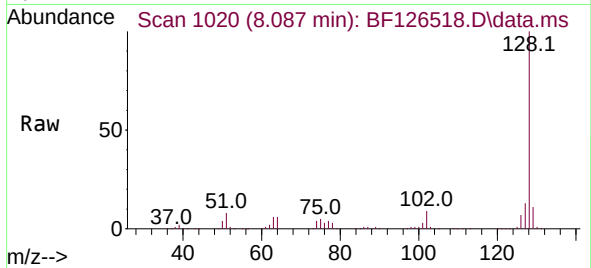




#31  
Naphthalene  
Concen: 45.892 ng  
RT: 8.087 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

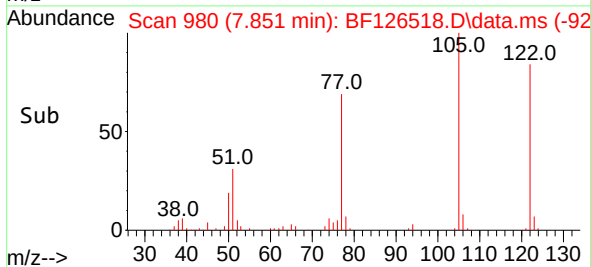
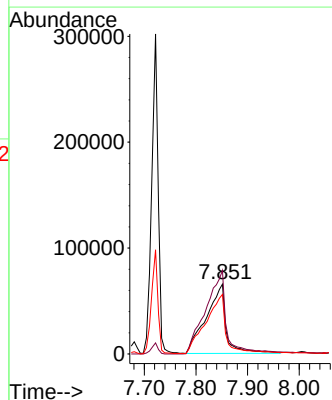
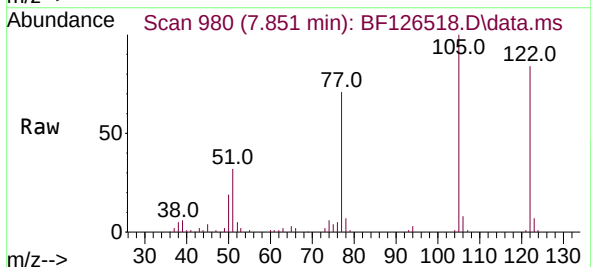
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

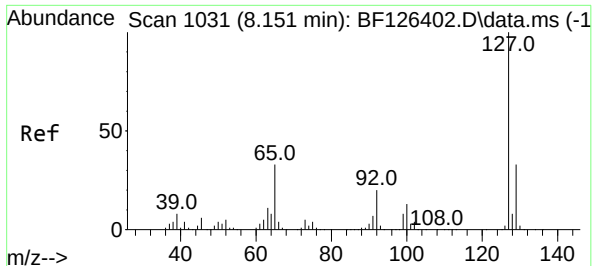
Tgt Ion:128 Resp: 851718  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 13.0  
127 12.9 10.3 15.5



#32  
Benzoic acid  
Concen: 45.977 ng  
RT: 7.851 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:122 Resp: 175823  
Ion Ratio Lower Upper  
122 100  
105 119.7 101.0 141.0  
77 85.2 74.5 114.5

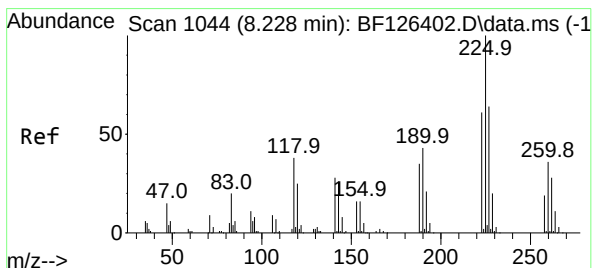
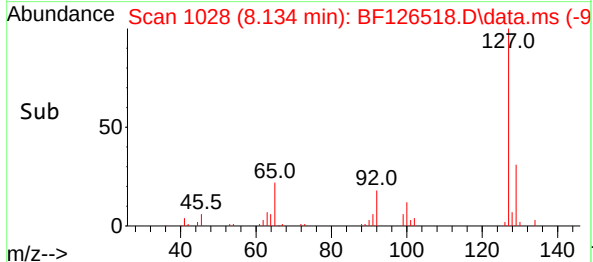
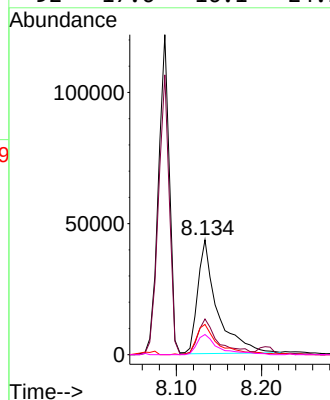
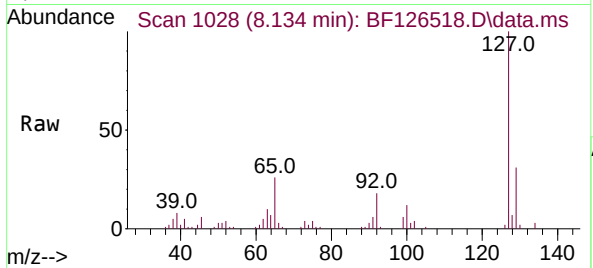




#33  
4-Chloroaniline  
Concen: 8.829 ng  
RT: 8.134 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

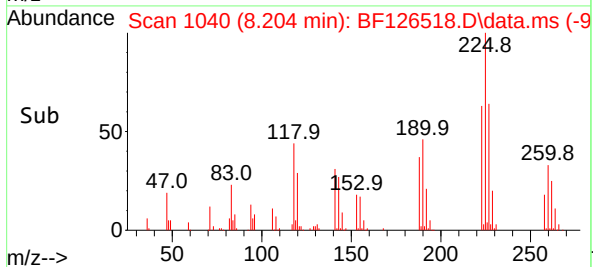
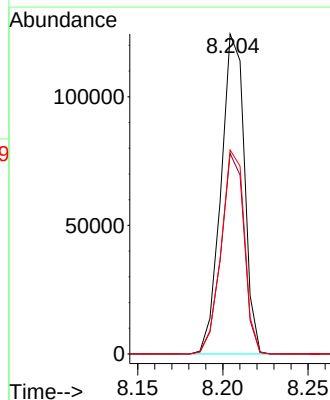
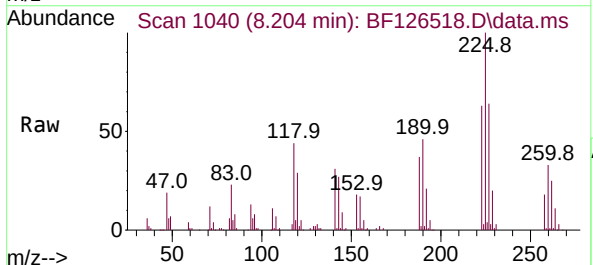
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

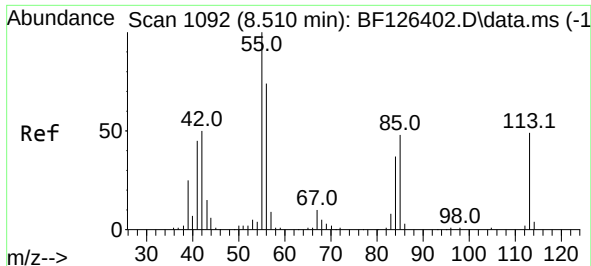
|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:127 | Resp: | 68646 |
| Ion | Ratio   | Lower | Upper |
| 127 | 100     |       |       |
| 129 | 31.1    | 26.5  | 39.7  |
| 65  | 26.3    | 26.6  | 39.8# |
| 92  | 17.6    | 16.1  | 24.1  |



#34  
Hexachlorobutadiene  
Concen: 48.246 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 118538 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 62.6    | 48.6  | 73.0   |
| 227 | 63.8    | 51.4  | 77.0   |

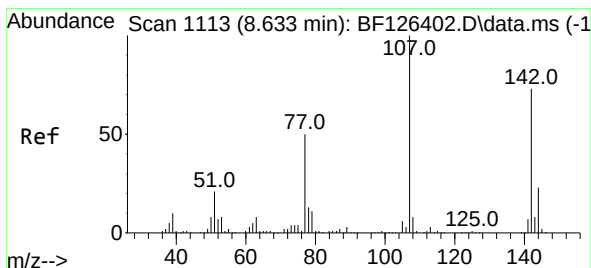
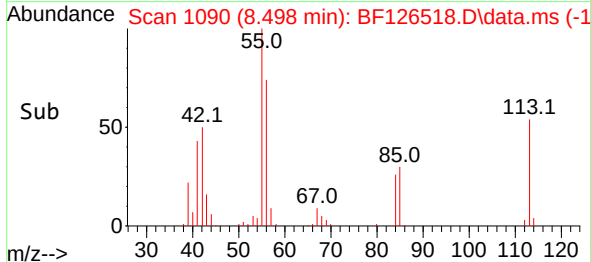
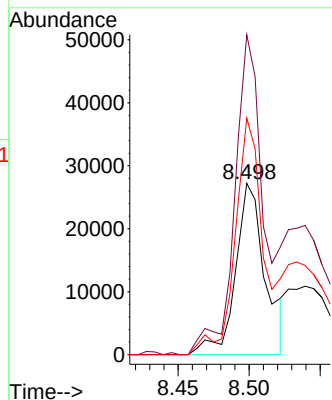
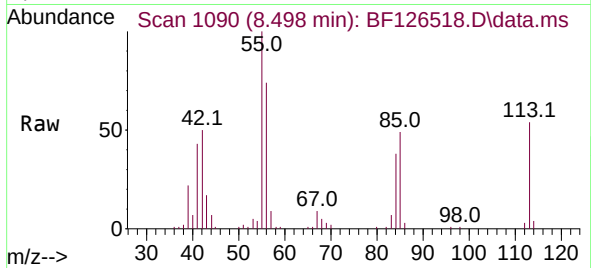




#35  
 Caprolactam  
 Concen: 31.884 ng  
 RT: 8.498 min Scan# 1092  
 Delta R.T. -0.006 min  
 Lab File: BF126518.D  
 Acq: 6 Jan 2022 15:23

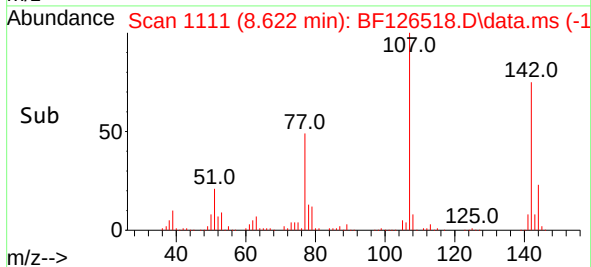
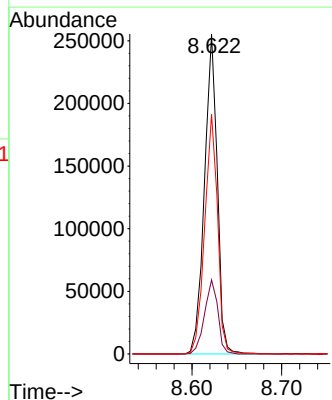
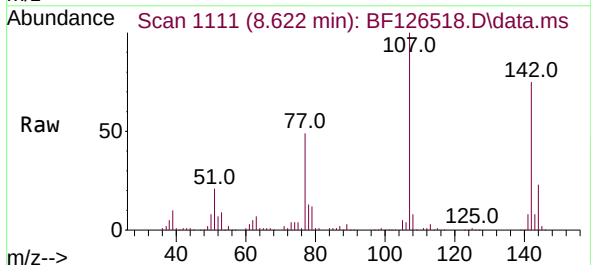
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11944MS

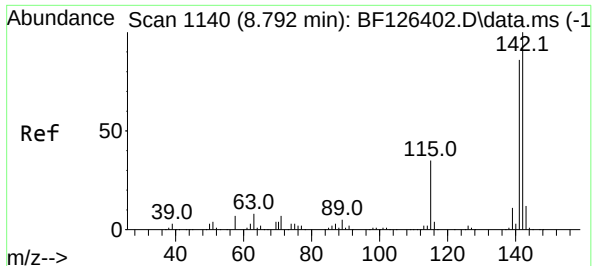
Tgt Ion:113 Resp: 39341  
 Ion Ratio Lower Upper  
 113 100  
 55 186.7 183.9 223.9  
 56 138.0 129.9 169.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.763 ng  
 RT: 8.622 min Scan# 1111  
 Delta R.T. 0.000 min  
 Lab File: BF126518.D  
 Acq: 6 Jan 2022 15:23

Tgt Ion:107 Resp: 253125  
 Ion Ratio Lower Upper  
 107 100  
 144 23.2 18.5 27.7  
 142 74.9 58.1 87.1





#37

2-Methylnaphthalene

Concen: 49.379 ng

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

Instrument :

BNA\_F

ClientSampleId :

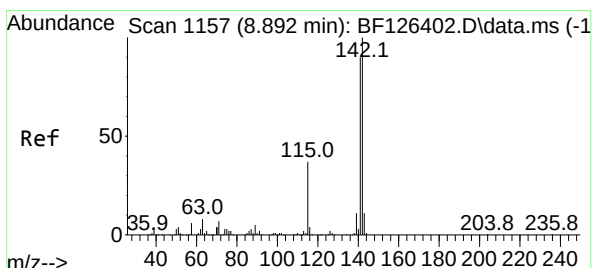
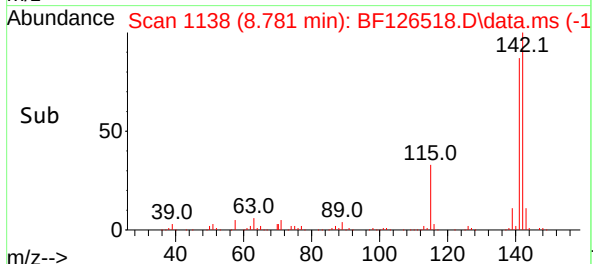
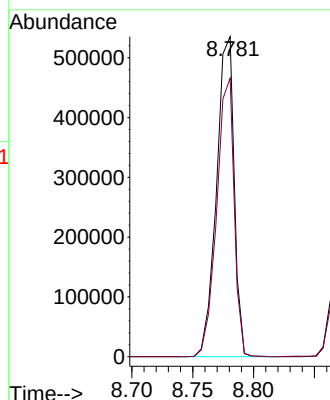
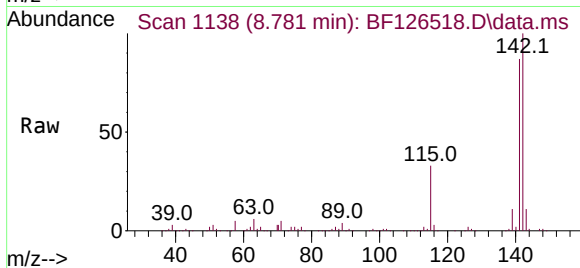
72-11944MS

Tgt Ion:142 Resp: 540615

Ion Ratio Lower Upper

142 100

141 87.0 68.6 102.8



#38

1-Methylnaphthalene

Concen: 46.954 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF126518.D

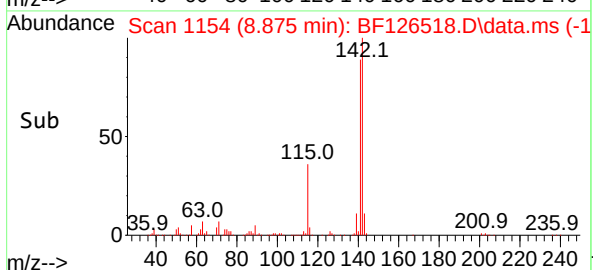
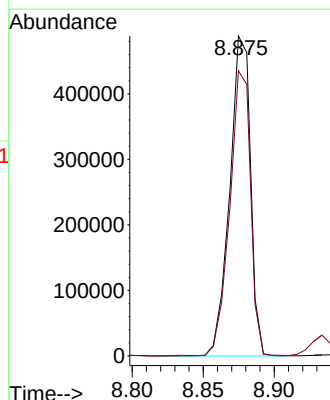
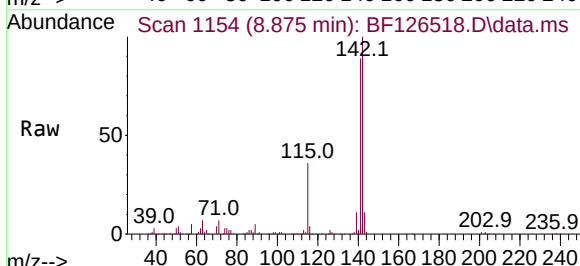
Acq: 6 Jan 2022 15:23

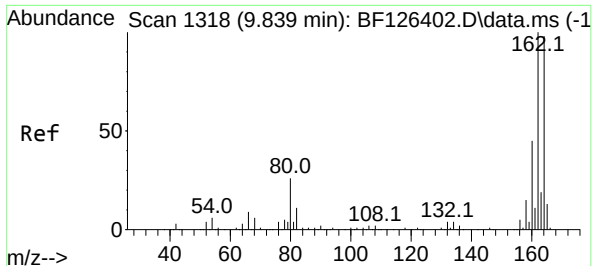
Tgt Ion:142 Resp: 497013

Ion Ratio Lower Upper

142 100

141 89.2 72.1 108.1

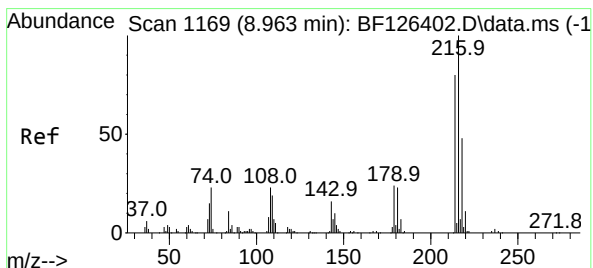
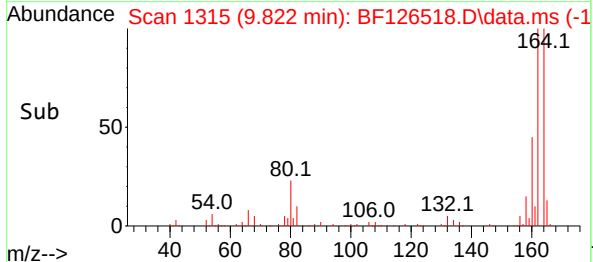
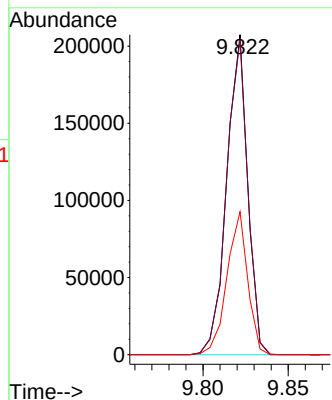
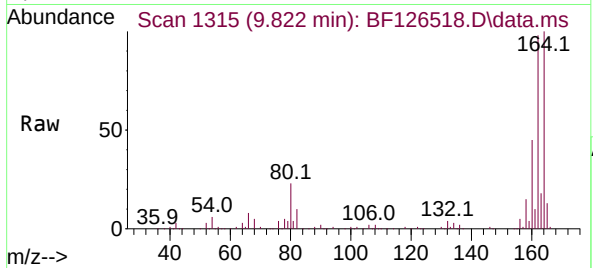




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

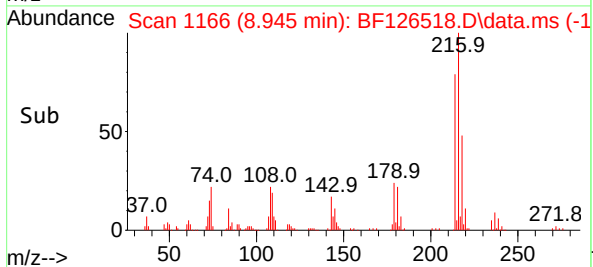
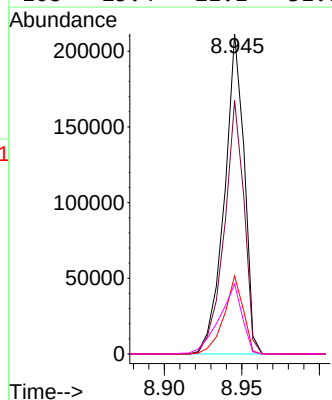
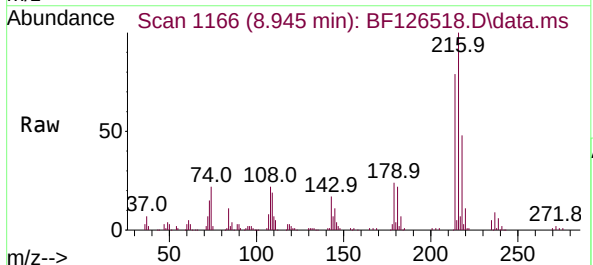
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

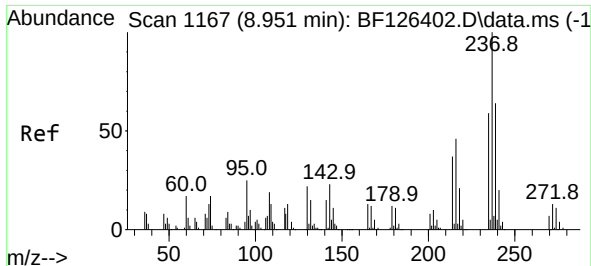
Tgt Ion:164 Resp: 177563  
Ion Ratio Lower Upper  
164 100  
162 98.4 81.4 122.0  
160 44.7 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.620 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:216 Resp: 187597  
Ion Ratio Lower Upper  
216 100  
214 78.7 64.6 96.8  
179 23.6 19.5 29.3  
108 25.4 21.1 31.7

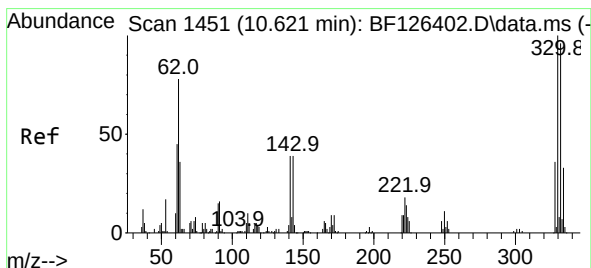
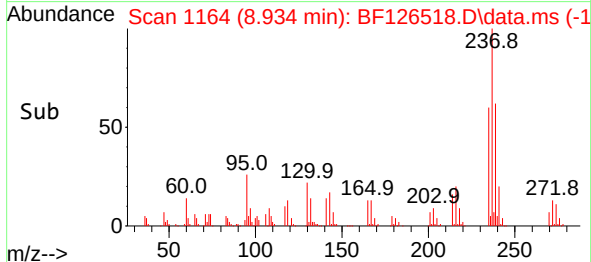
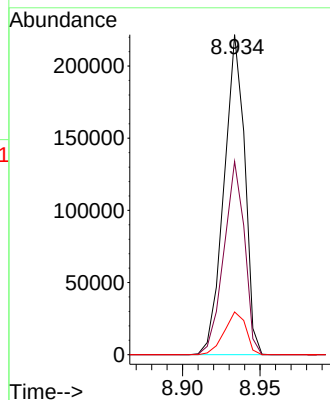
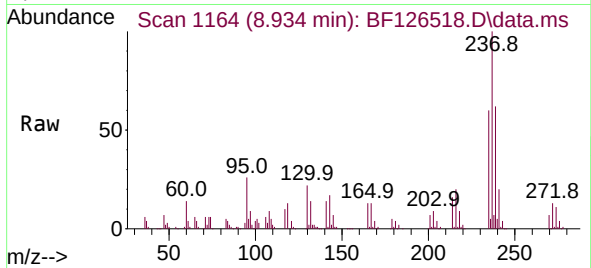




#41  
Hexachlorocyclopentadiene  
Concen: 131.163 ng  
RT: 8.934 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

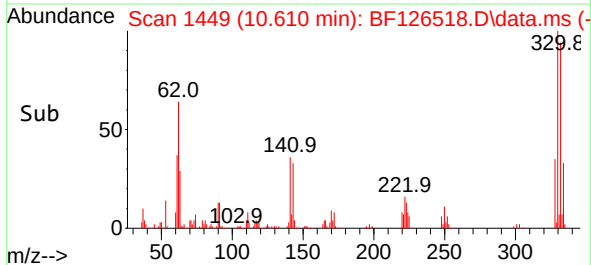
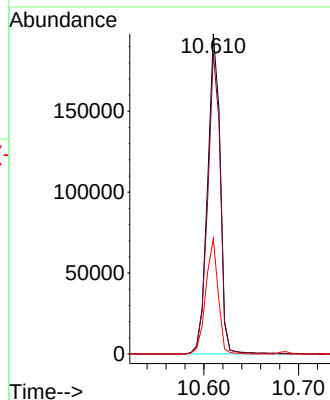
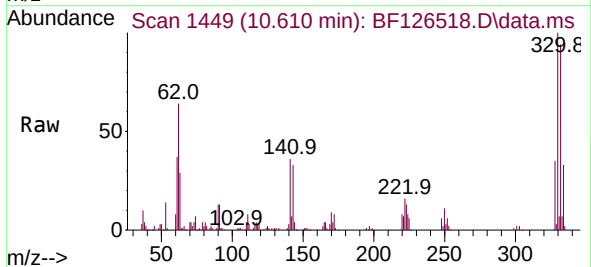
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

Tgt Ion:237 Resp: 206048  
Ion Ratio Lower Upper  
237 100  
235 60.4 38.9 78.9  
272 13.4 0.0 33.5

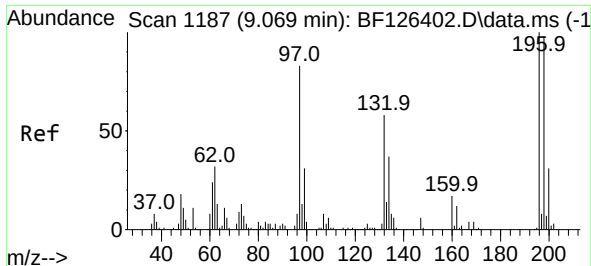


#42  
2,4,6-Tribromophenol  
Concen: 133.252 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:330 Resp: 182837  
Ion Ratio Lower Upper  
330 100  
332 93.9 76.0 114.0  
141 35.0 30.1 45.1

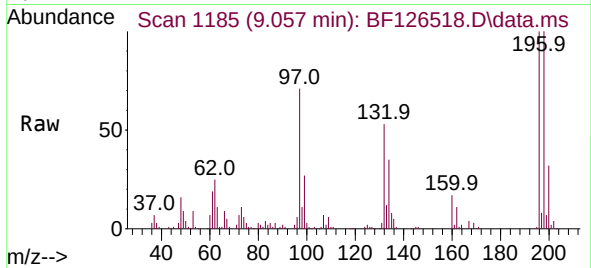




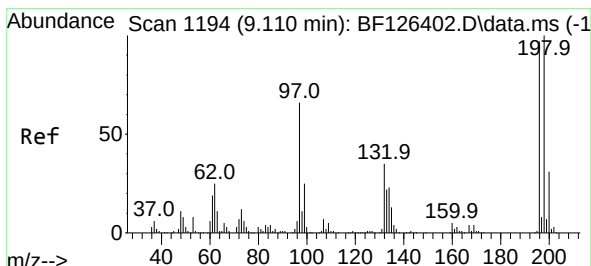
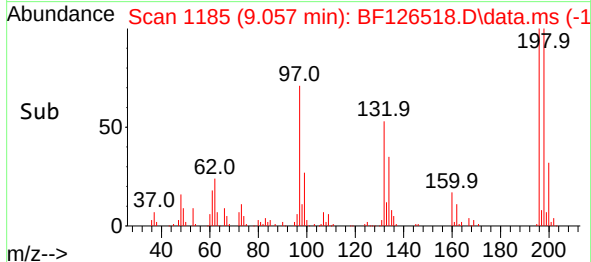
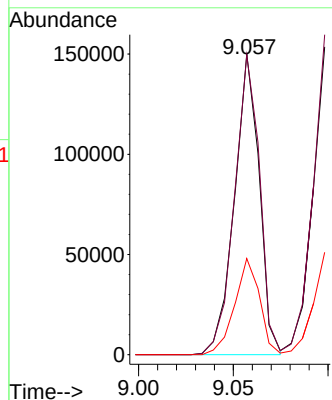


#43  
2,4,6-Trichlorophenol  
Concen: 47.716 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

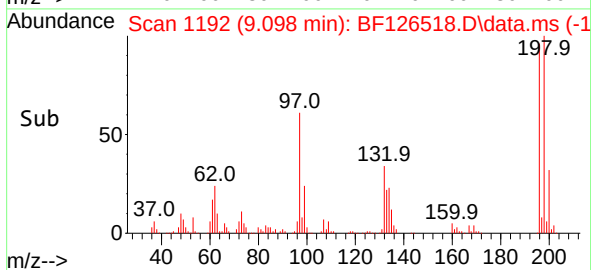
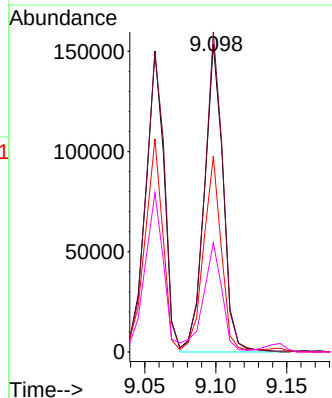
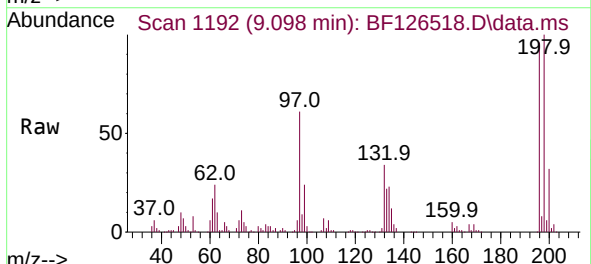


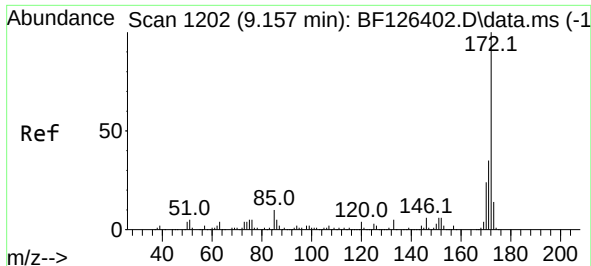
Tgt Ion:196 Resp: 136155  
Ion Ratio Lower Upper  
196 100  
198 99.5 78.5 117.7  
200 31.9 24.9 37.3



#44  
2,4,5-Trichlorophenol  
Concen: 45.833 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:196 Resp: 140774  
Ion Ratio Lower Upper  
196 100  
198 104.0 82.0 123.0  
97 63.6 53.5 80.3  
132 35.6 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 87.549 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

Instrument :

BNA\_F

ClientSampleId :

72-11944MS

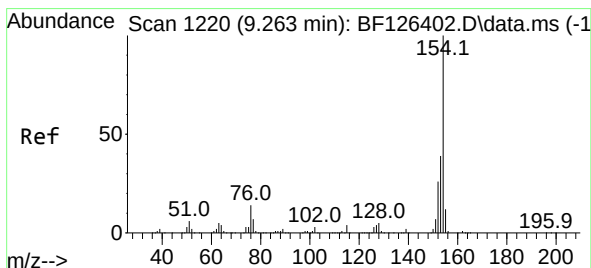
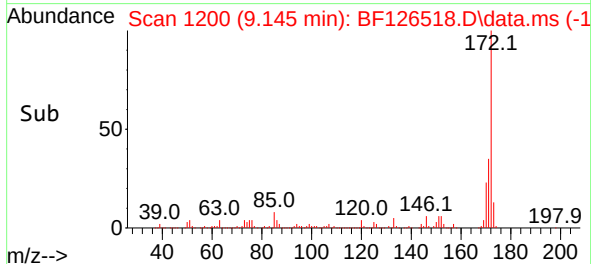
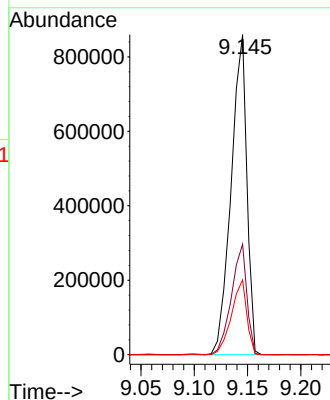
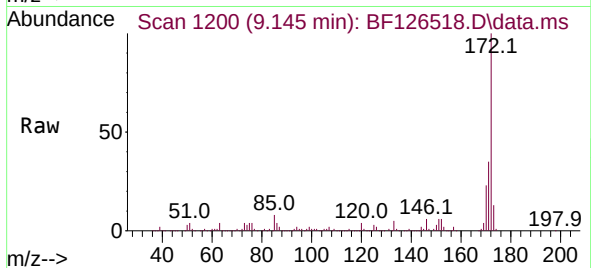
Tgt Ion:172 Resp: 883404

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.373 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

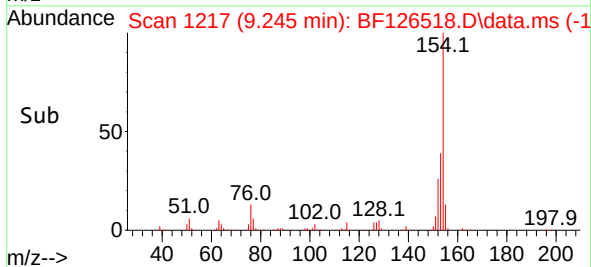
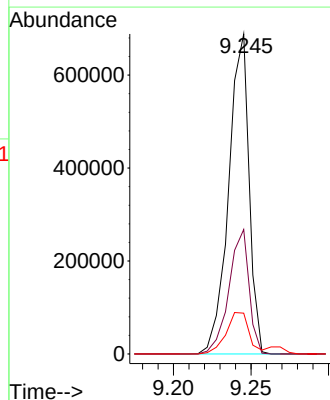
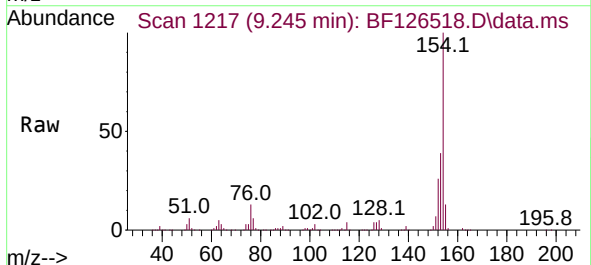
Tgt Ion:154 Resp: 629970

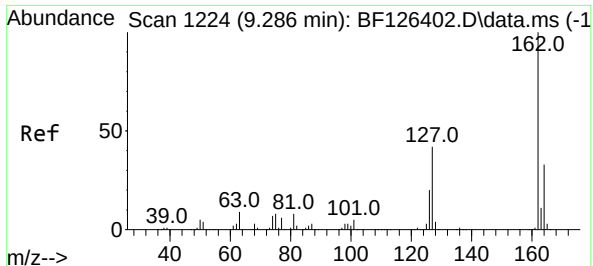
Ion Ratio Lower Upper

154 100

153 38.9 19.0 59.0

76 12.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 47.043 ng

RT: 9.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

Instrument :

BNA\_F

ClientSampleId :

72-11944MS

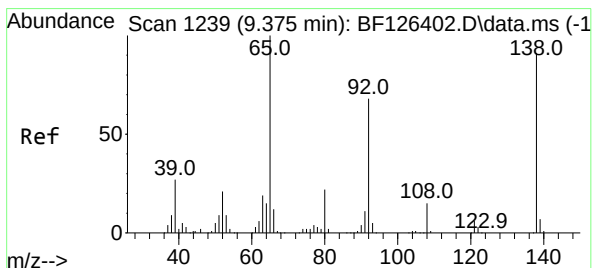
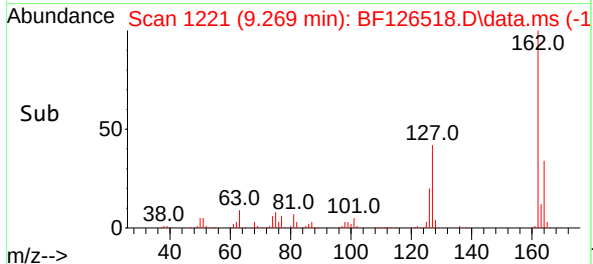
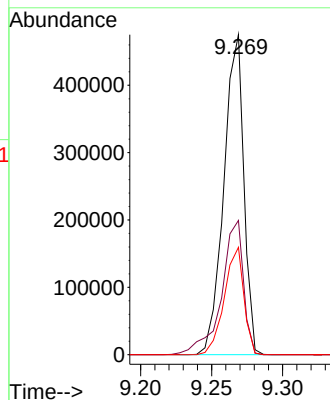
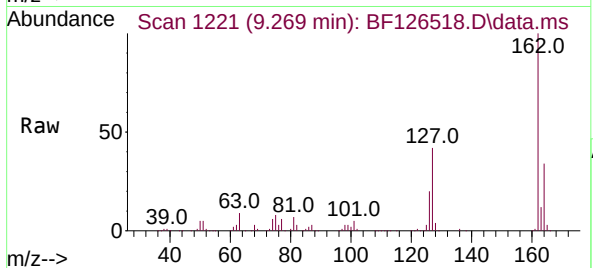
Tgt Ion:162 Resp: 464036

Ion Ratio Lower Upper

162 100

127 41.9 33.5 50.3

164 33.6 26.2 39.4



#48

2-Nitroaniline

Concen: 37.323 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

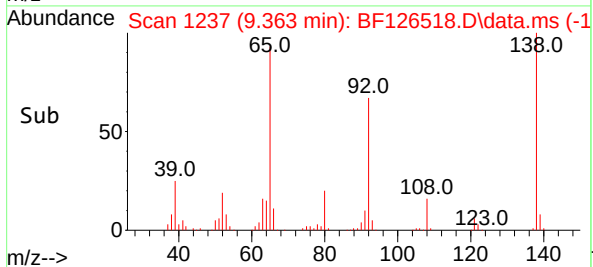
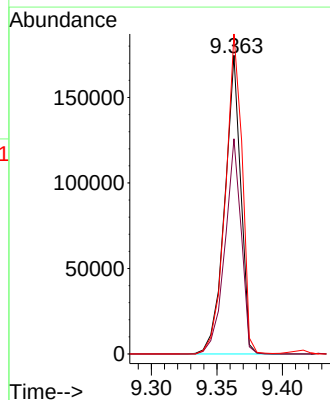
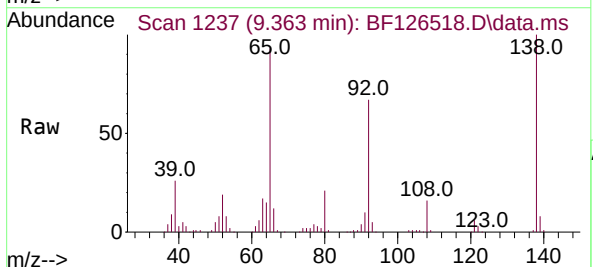
Tgt Ion: 65 Resp: 148667

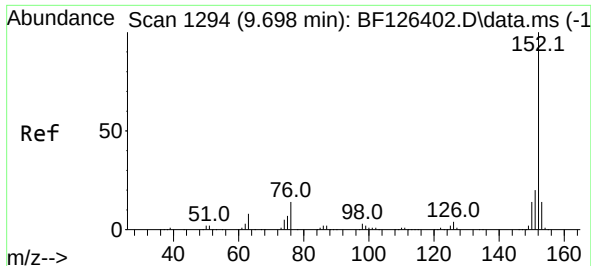
Ion Ratio Lower Upper

65 100

92 72.0 54.4 81.6

138 107.1 72.5 108.7





#49

Acenaphthylene

Concen: 46.784 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

Instrument :

BNA\_F

ClientSampleId :

72-11944MS

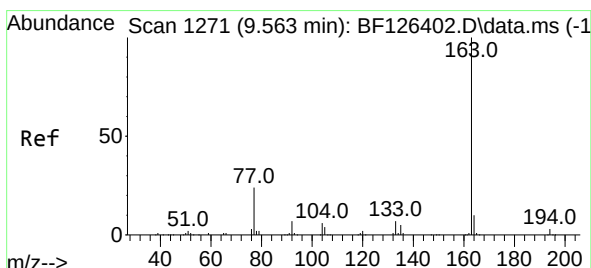
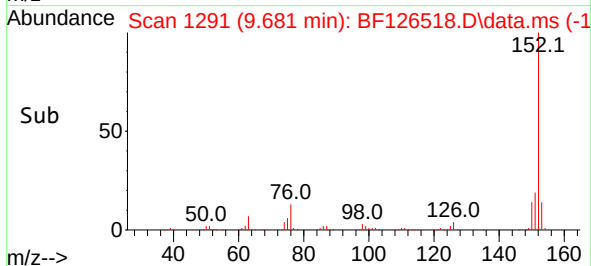
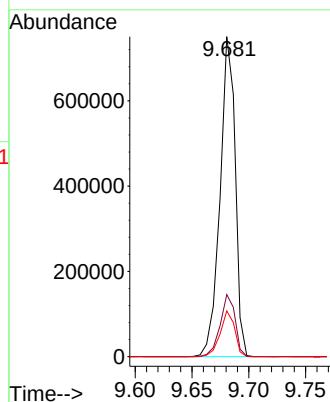
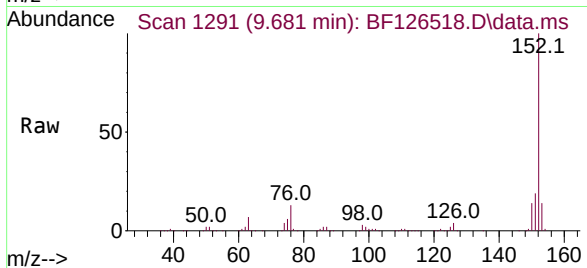
Tgt Ion:152 Resp: 699916

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 45.193 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

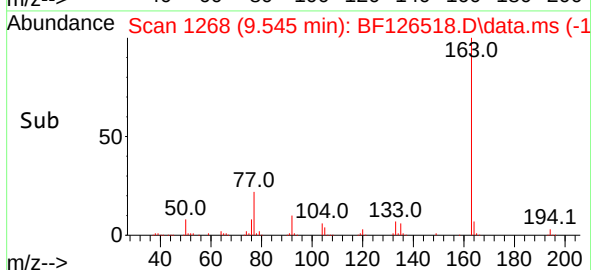
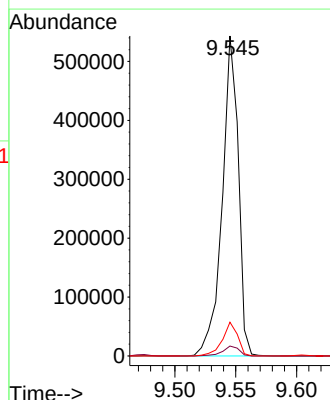
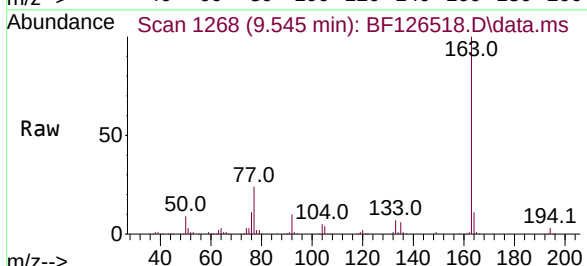
Tgt Ion:163 Resp: 500958

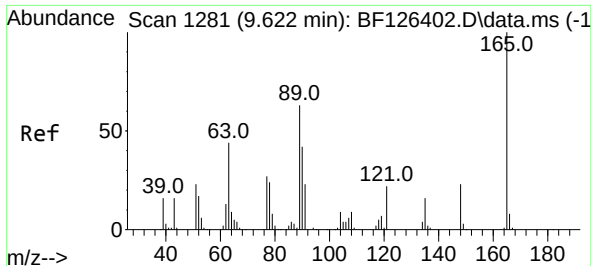
Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

164 10.6 7.8 11.8

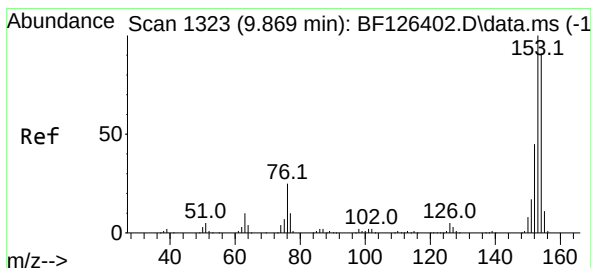
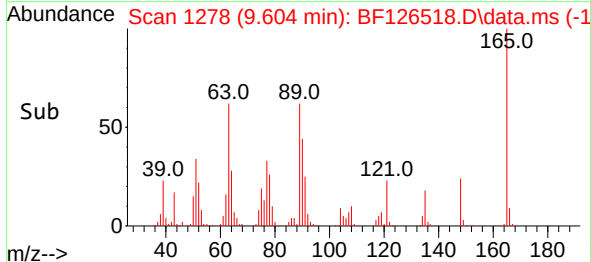
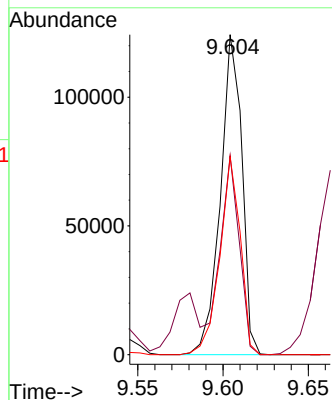
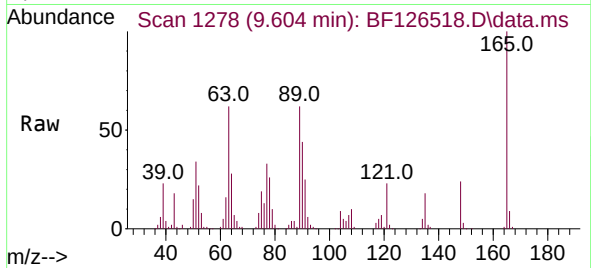




#51  
2,6-Dinitrotoluene  
Concen: 45.533 ng  
RT: 9.604 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

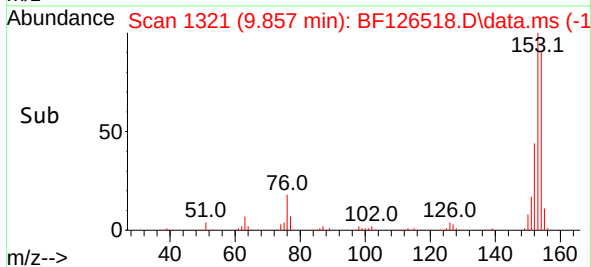
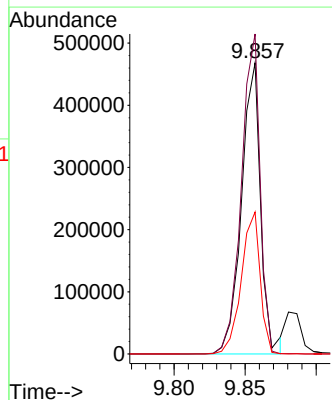
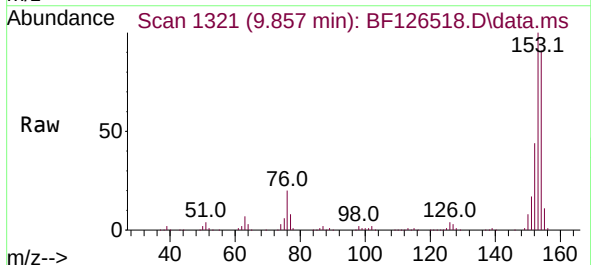
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

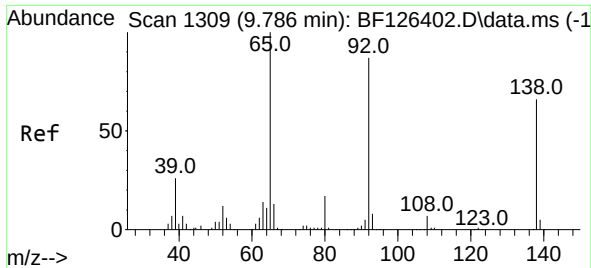
Tgt Ion:165 Resp: 109002  
Ion Ratio Lower Upper  
165 100  
63 62.2 48.4 72.6  
89 61.9 50.5 75.7



#52  
Acenaphthene  
Concen: 44.839 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:154 Resp: 439778  
Ion Ratio Lower Upper  
154 100  
153 109.9 87.8 131.6  
152 48.7 39.4 59.2

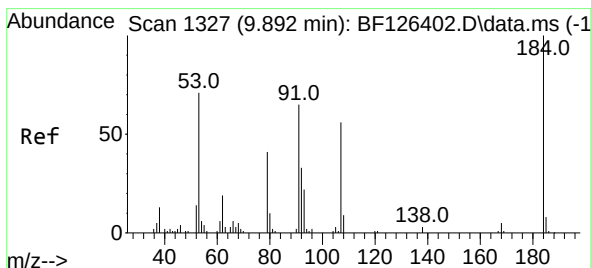
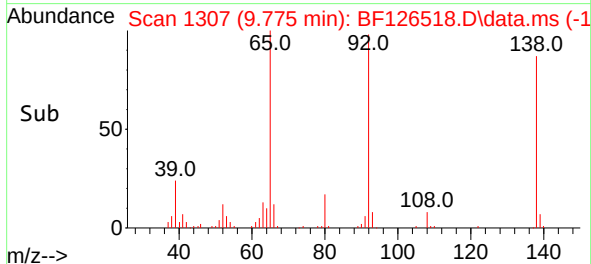
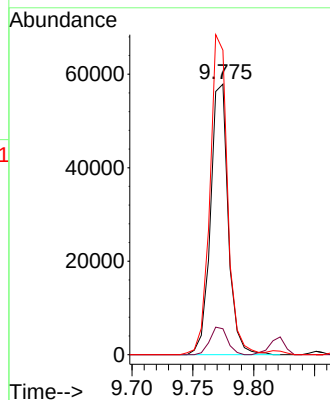
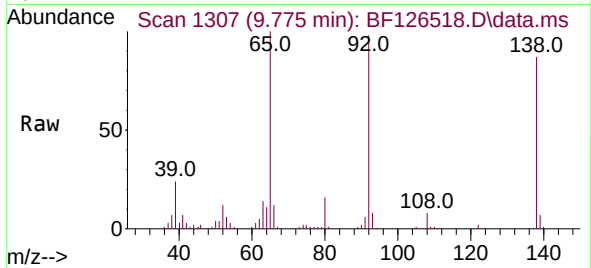




#53  
3-Nitroaniline  
Concen: 17.846 ng  
RT: 9.775 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

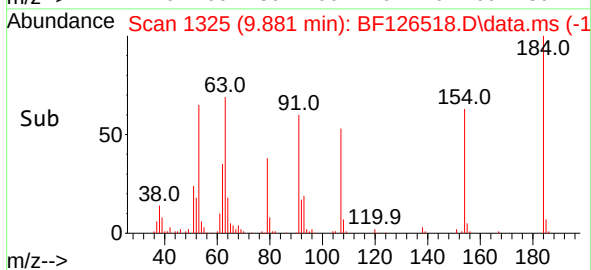
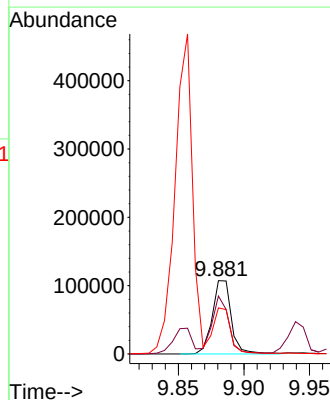
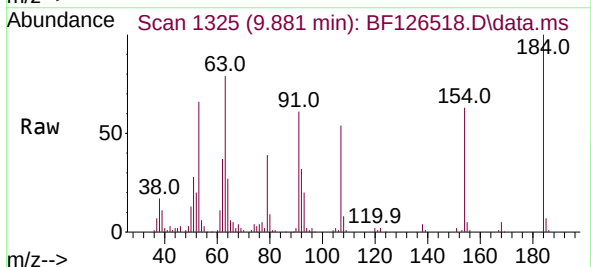
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

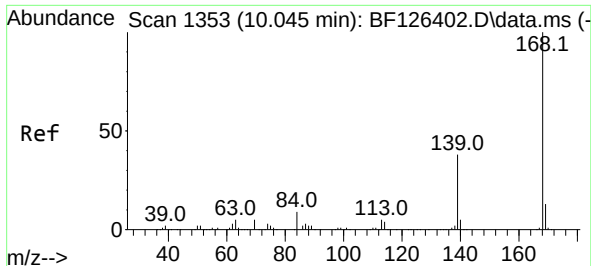
Tgt Ion:138 Resp: 58574  
Ion Ratio Lower Upper  
138 100  
108 9.6 8.6 13.0  
92 112.6 105.0 157.6



#54  
2,4-Dinitrophenol  
Concen: 87.910 ng  
RT: 9.881 min Scan# 1325  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:184 Resp: 108661  
Ion Ratio Lower Upper  
184 100  
63 79.1 70.4 105.6  
154 62.9 49.7 74.5

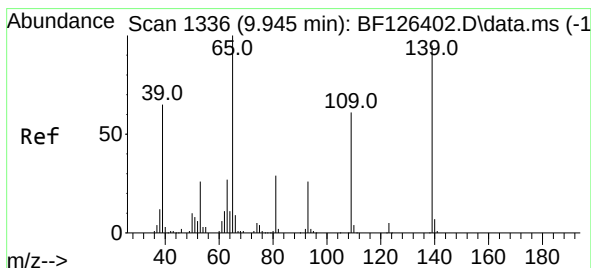
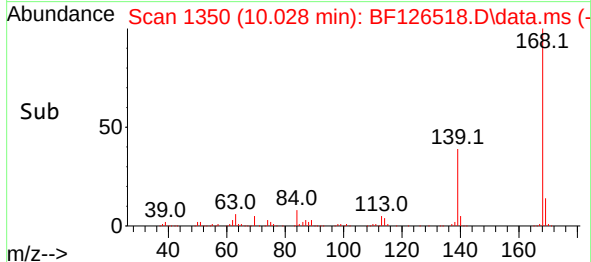
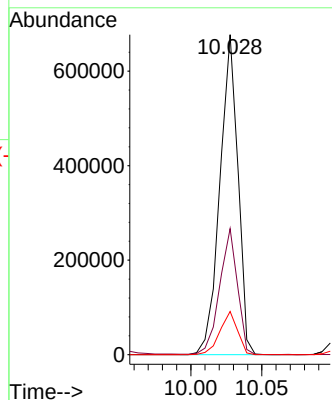
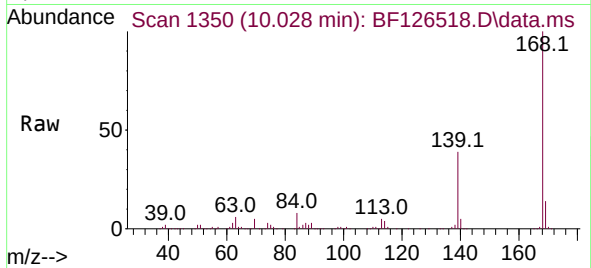




#55  
Dibenzofuran  
Concen: 45.055 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

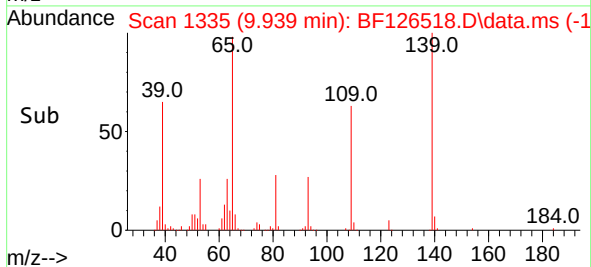
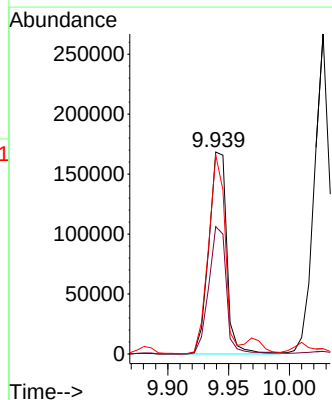
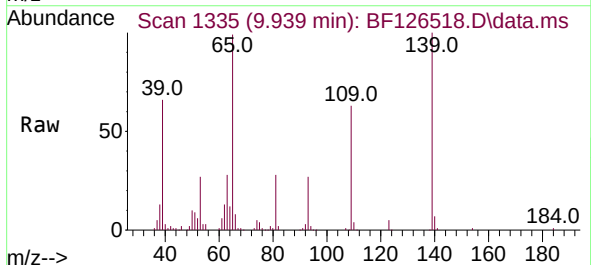
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

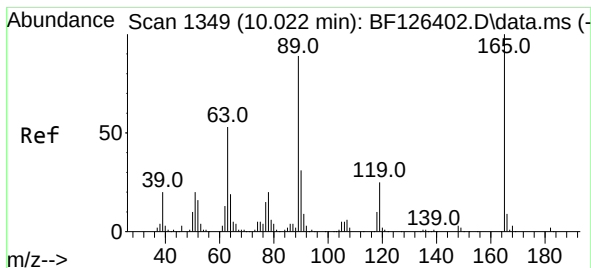
Tgt Ion:168 Resp: 597387  
Ion Ratio Lower Upper  
168 100  
139 39.4 30.6 46.0  
169 13.5 10.0 15.0



#56  
4-Nitrophenol  
Concen: 73.856 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

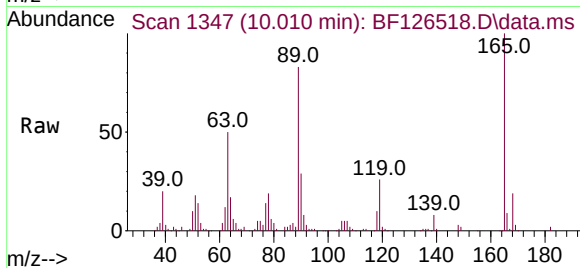
Tgt Ion:139 Resp: 172405  
Ion Ratio Lower Upper  
139 100  
109 63.1 44.1 84.1  
65 98.5 85.5 125.5



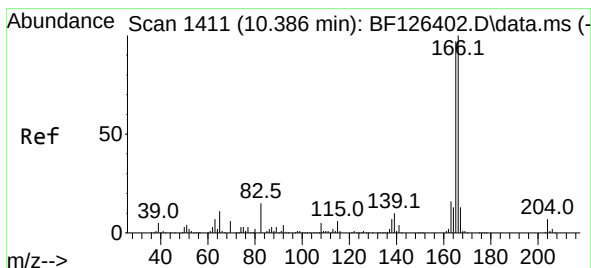
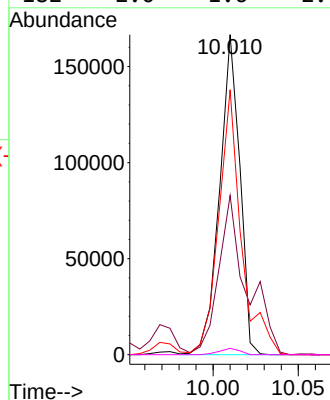
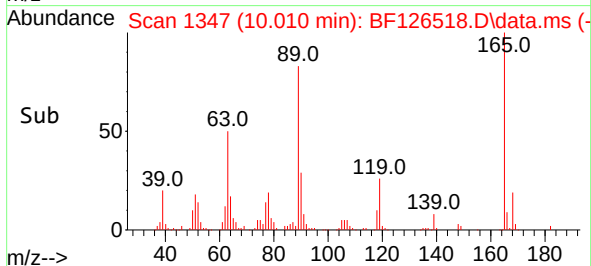


#57  
2,4-Dinitrotoluene  
Concen: 44.576 ng  
RT: 10.010 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

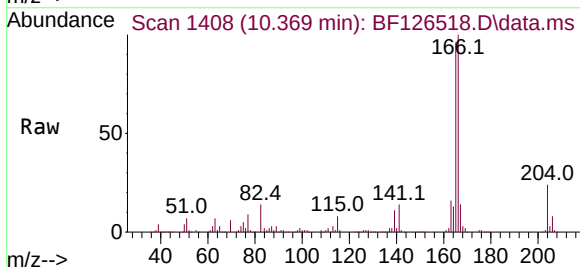
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS



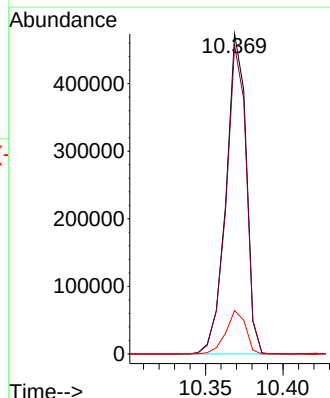
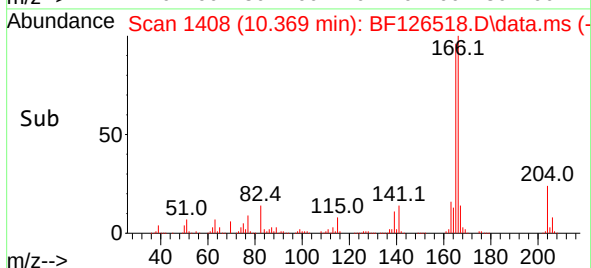
Tgt Ion:165 Resp: 137674  
Ion Ratio Lower Upper  
165 100  
63 49.7 43.0 64.6  
89 82.8 71.0 106.4  
182 2.0 1.6 2.4



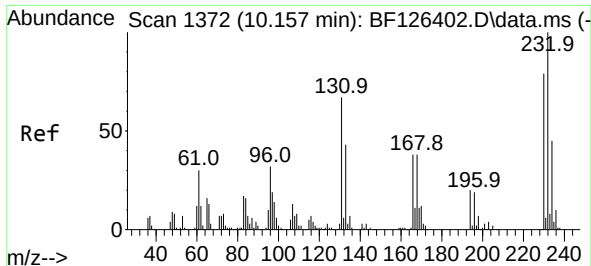
#58  
Fluorene  
Concen: 45.694 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23



Tgt Ion:166 Resp: 428374  
Ion Ratio Lower Upper  
166 100  
165 96.4 77.7 116.5  
167 13.5 10.7 16.1



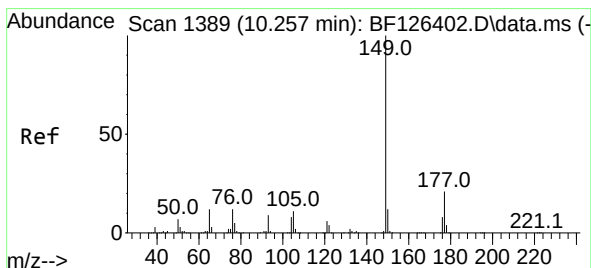
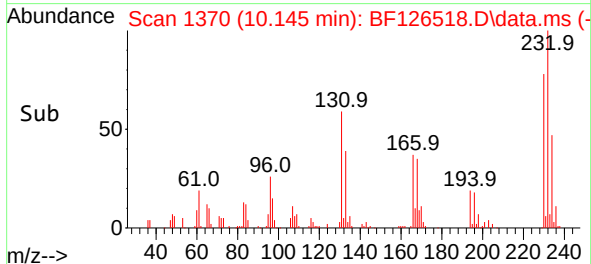
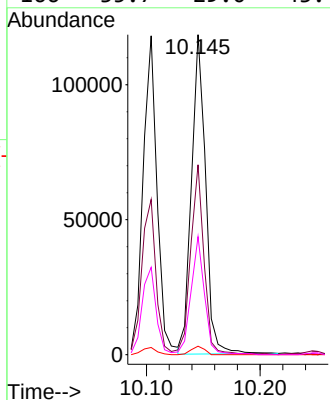
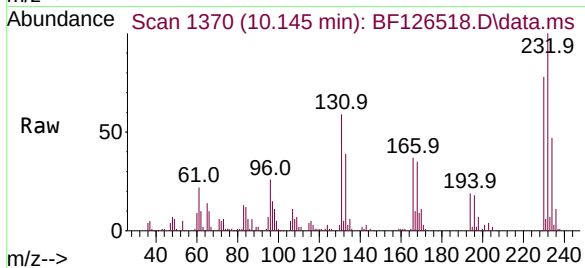




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.405 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

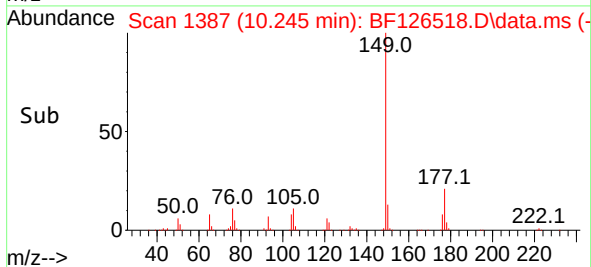
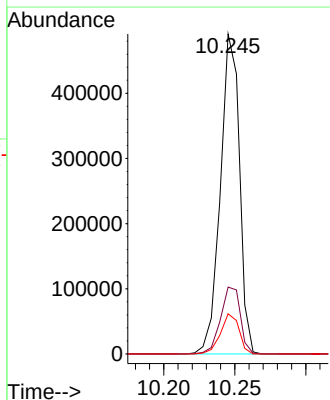
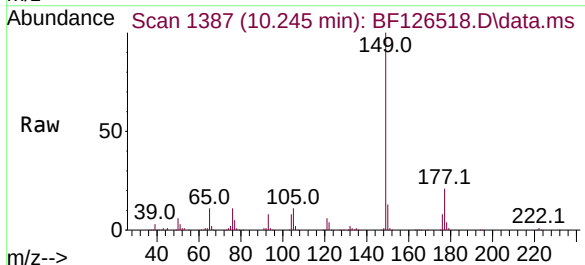
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

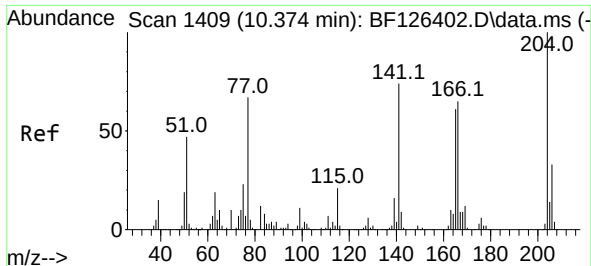
Tgt Ion:232 Resp: 102301  
Ion Ratio Lower Upper  
232 100  
131 56.9 50.0 75.0  
130 2.5 2.2 3.2  
166 35.7 29.0 43.4



#60  
Diethylphthalate  
Concen: 42.900 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:149 Resp: 458303  
Ion Ratio Lower Upper  
149 100  
177 20.9 16.7 25.1  
150 12.5 9.8 14.8

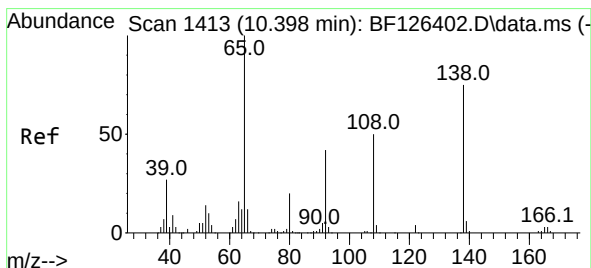
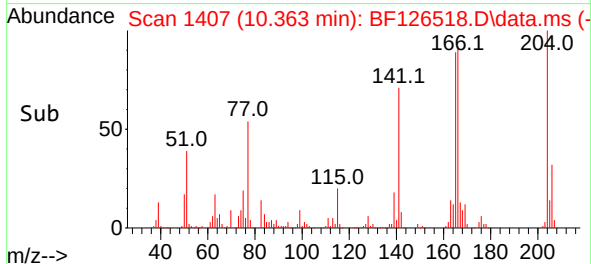
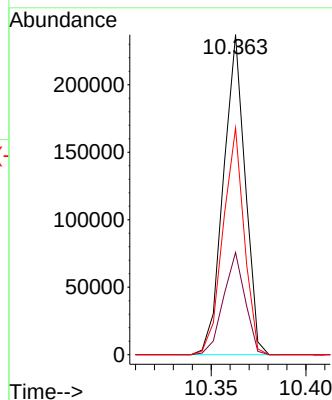
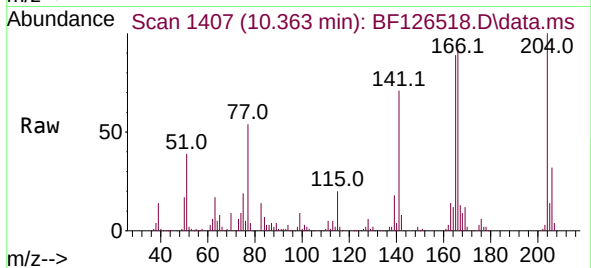




#61  
4-Chlorophenyl-phenylether  
Concen: 46.322 ng  
RT: 10.363 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

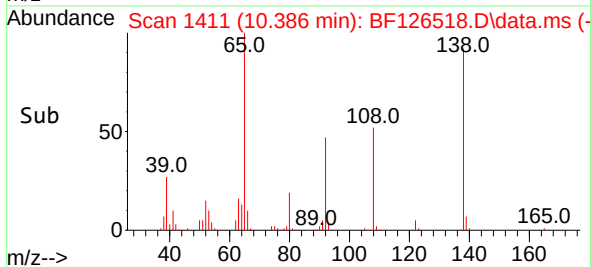
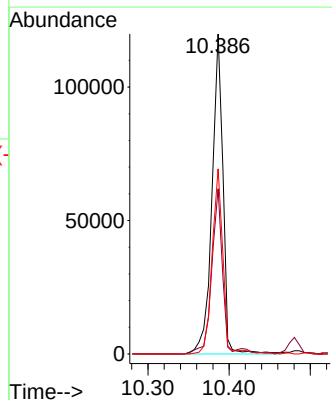
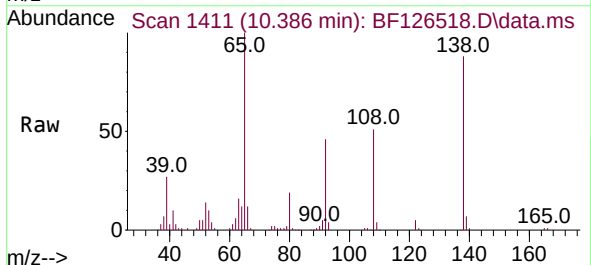
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

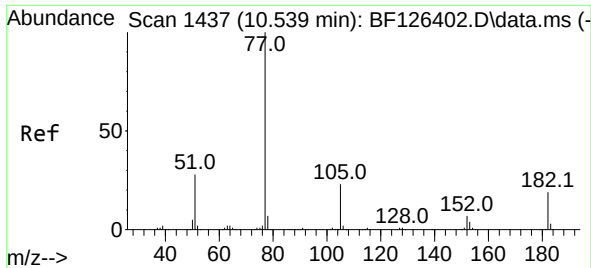
Tgt Ion:204 Resp: 189507  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.3 39.5  
141 70.9 59.0 88.6



#62  
4-Nitroaniline  
Concen: 36.393 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:138 Resp: 112500  
Ion Ratio Lower Upper  
138 100  
92 51.6 36.2 76.2  
108 57.9 46.7 86.7

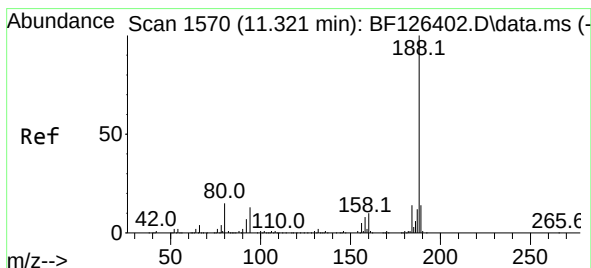
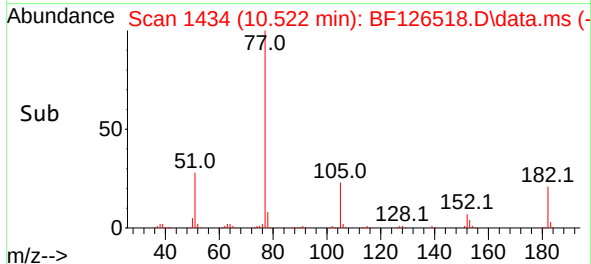
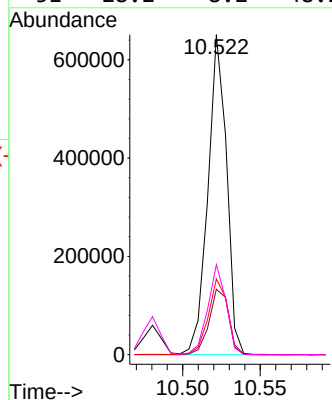
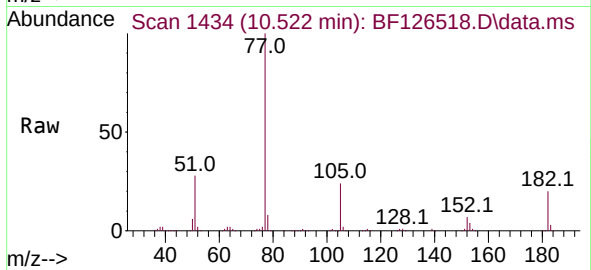




#63  
Azobenzene  
Concen: 39.588 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

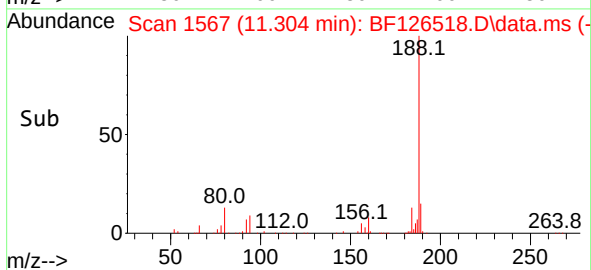
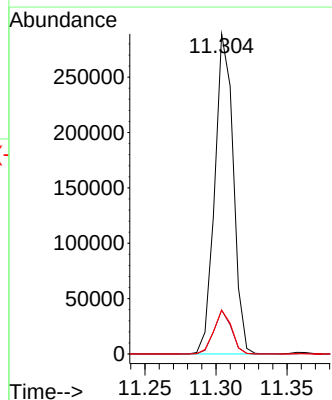
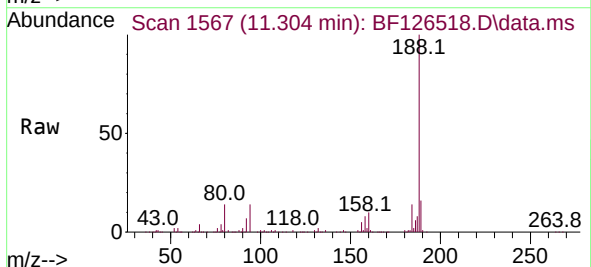
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

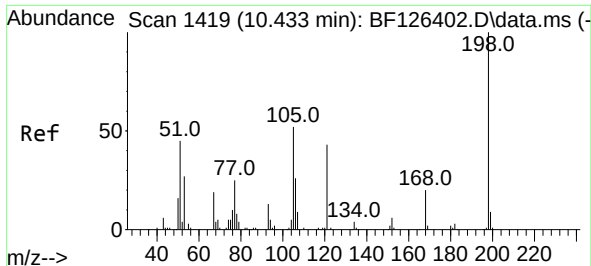
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 544760 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 20.5    | 0.0 39.0     |
| 105 23.7    | 3.2 43.2     |
| 51 28.2     | 8.2 48.2     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 261755 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 13.7     | 10.1 15.1    |
| 80 13.7     | 11.8 17.6    |

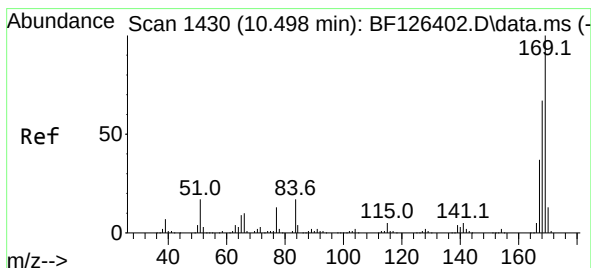
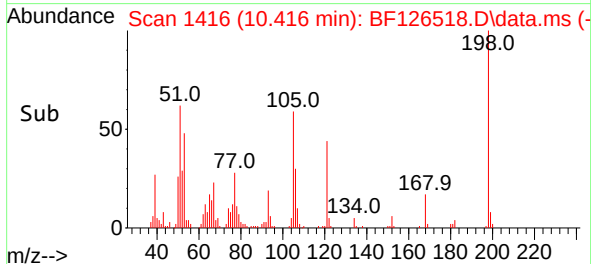
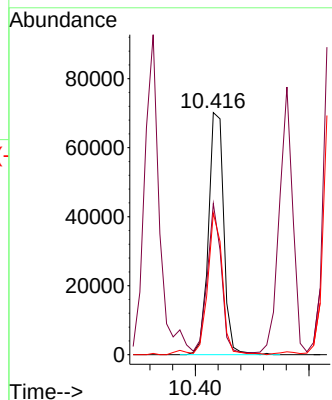
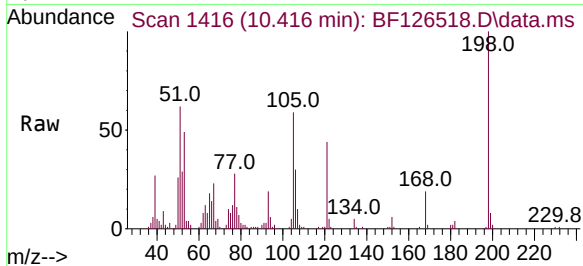




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.132 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

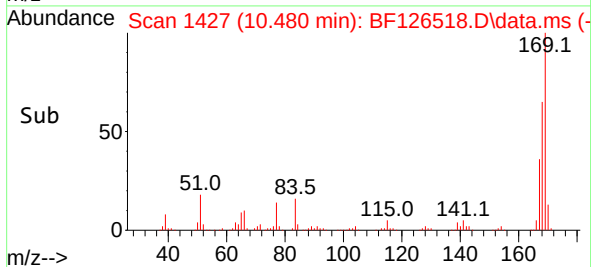
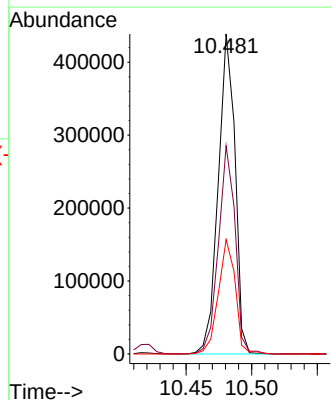
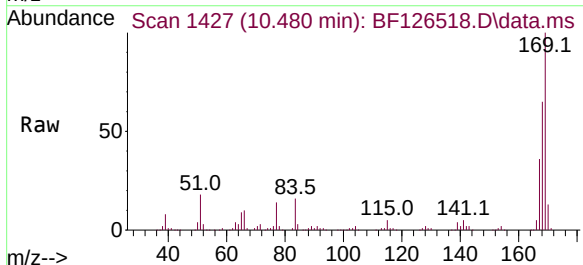
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

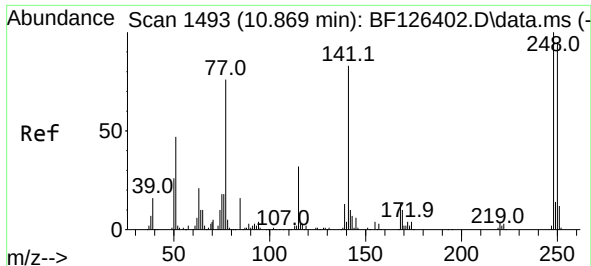
Tgt Ion:198 Resp: 65391  
Ion Ratio Lower Upper  
198 100  
51 62.4 32.0 72.0  
105 58.5 32.7 72.7



#66  
n-Nitrosodiphenylamine  
Concen: 48.016 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:169 Resp: 389938  
Ion Ratio Lower Upper  
169 100  
168 65.0 53.4 80.0  
167 35.7 29.4 44.0

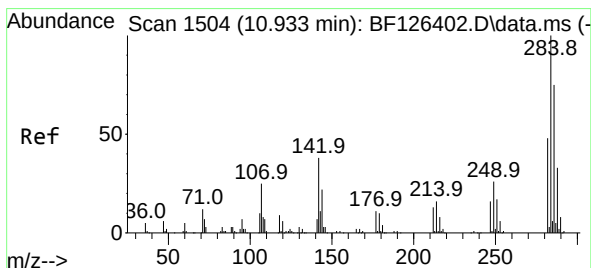
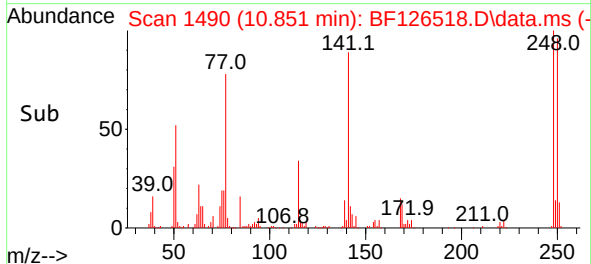
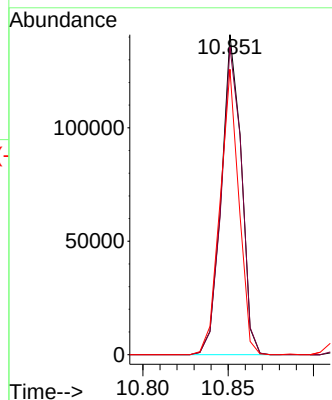
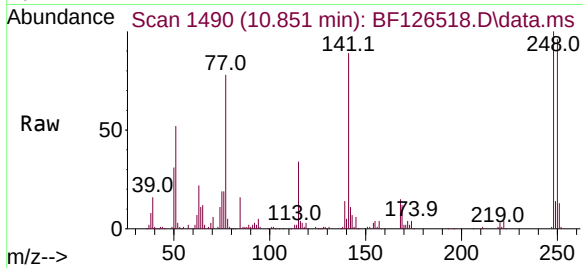




#67  
4-Bromophenyl-phenylether  
Concen: 49.140 ng  
RT: 10.851 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

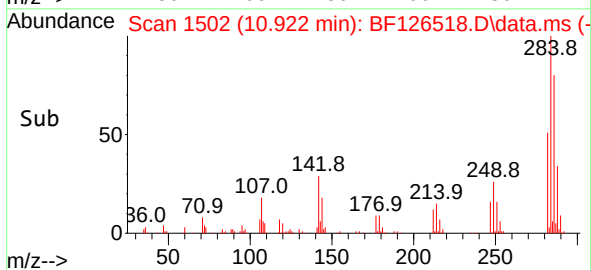
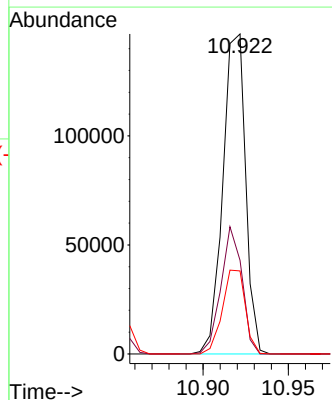
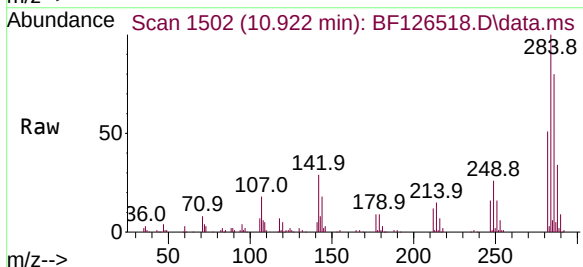
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

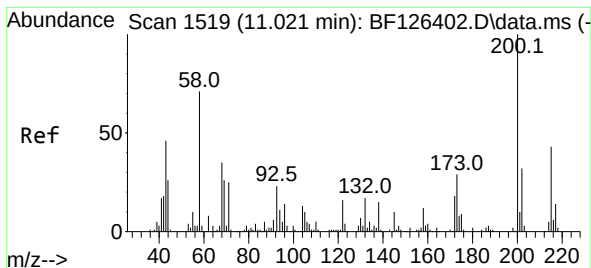
Tgt Ion:248 Resp: 114169  
Ion Ratio Lower Upper  
248 100  
250 96.1 76.2 114.4  
141 89.2 66.2 99.4



#68  
Hexachlorobenzene  
Concen: 50.416 ng  
RT: 10.922 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:284 Resp: 136250  
Ion Ratio Lower Upper  
284 100  
142 29.2 30.7 46.1#  
249 26.0 21.1 31.7





#69

Atrazine

Concen: 74.942 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.000 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

Instrument :

BNA\_F

ClientSampleId :

72-11944MS

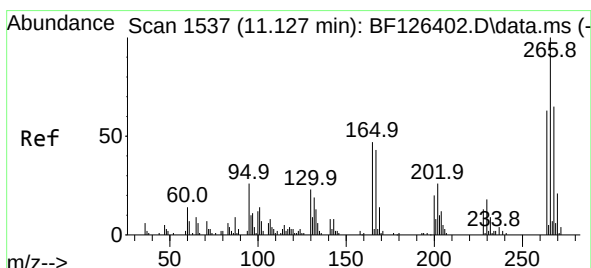
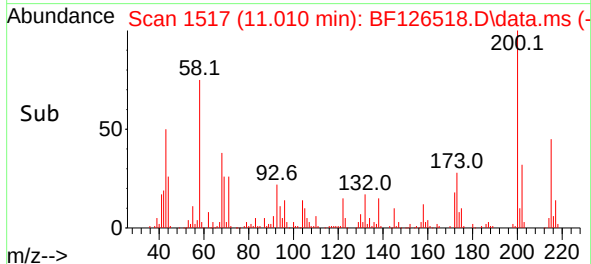
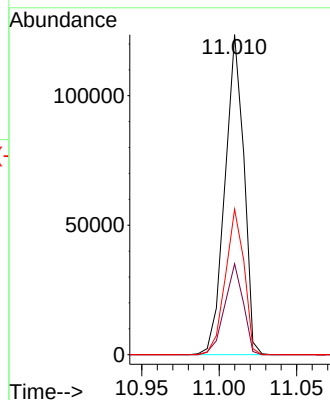
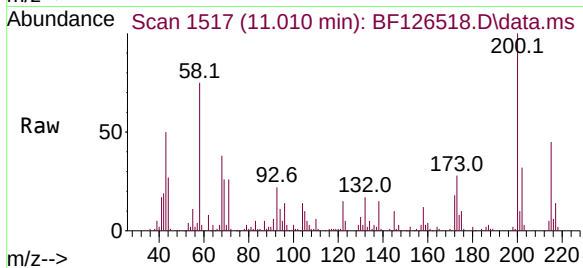
Tgt Ion:200 Resp: 104797

Ion Ratio Lower Upper

200 100

173 28.4 9.2 49.2

215 45.4 23.2 63.2



#70

Pentachlorophenol

Concen: 103.053 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

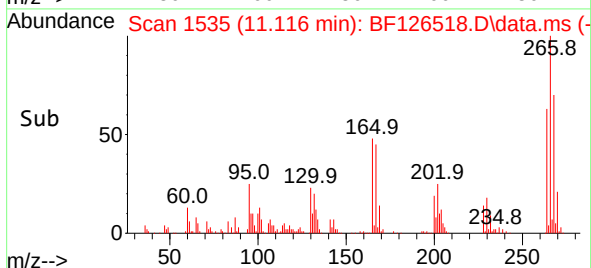
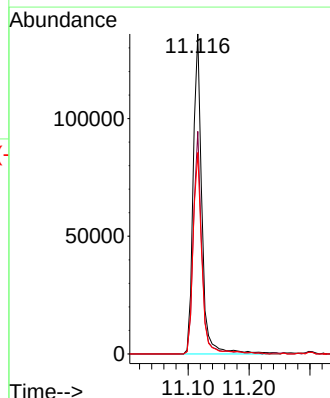
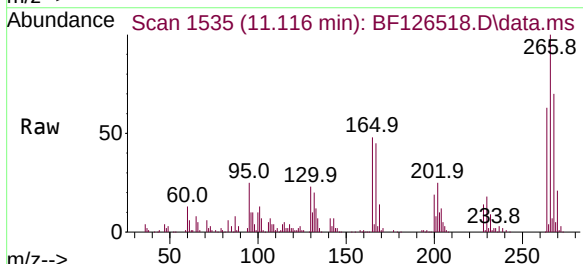
Tgt Ion:266 Resp: 135360

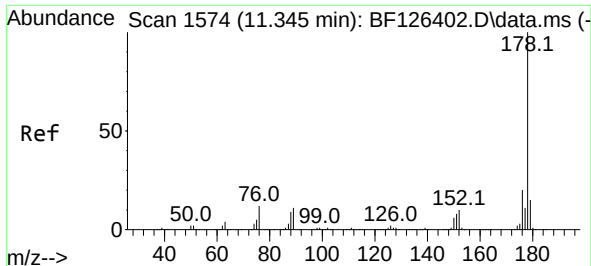
Ion Ratio Lower Upper

266 100

268 69.6 52.3 78.5

264 62.9 50.4 75.6

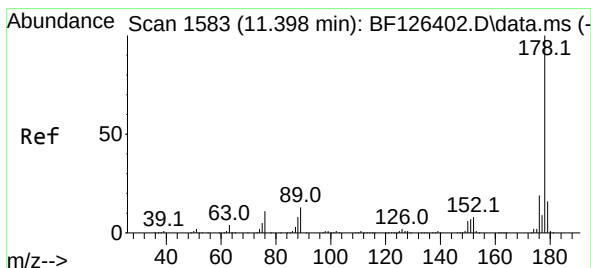
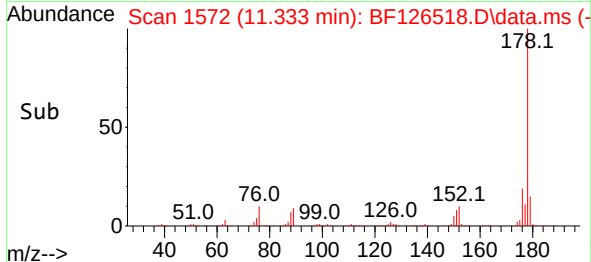
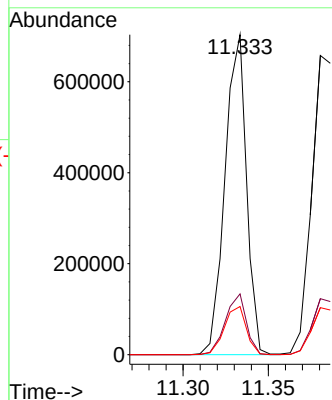
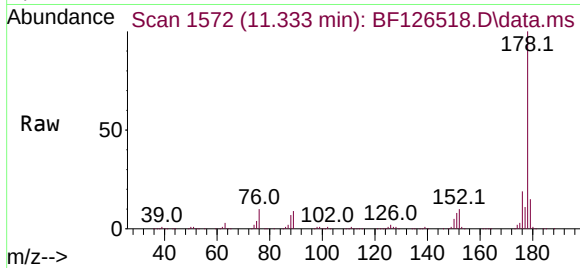




#71  
Phenanthrene  
Concen: 46.222 ng  
RT: 11.333 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

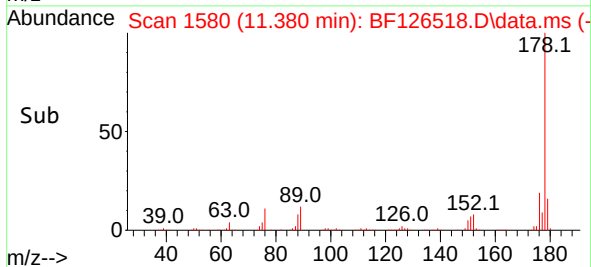
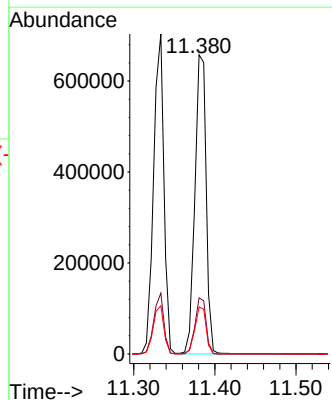
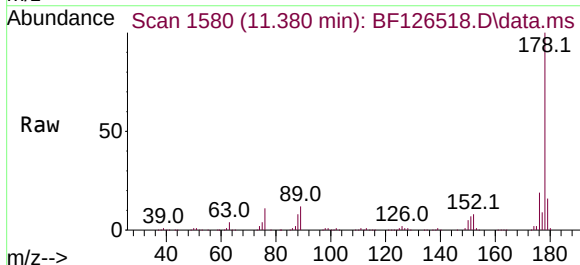
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

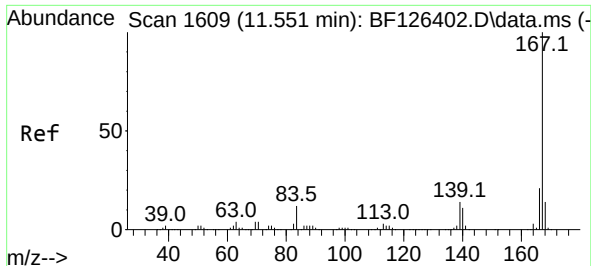
Tgt Ion:178 Resp: 618551  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.7 23.5  
179 15.1 12.3 18.5



#72  
Anthracene  
Concen: 47.651 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. -0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:178 Resp: 638065  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.6  
179 15.7 12.5 18.7

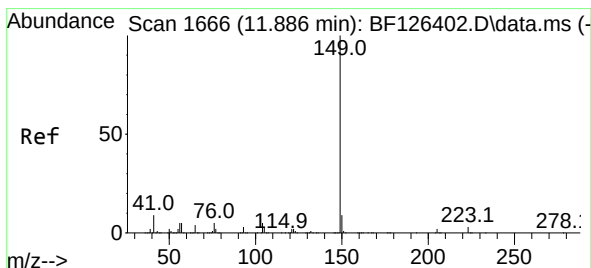
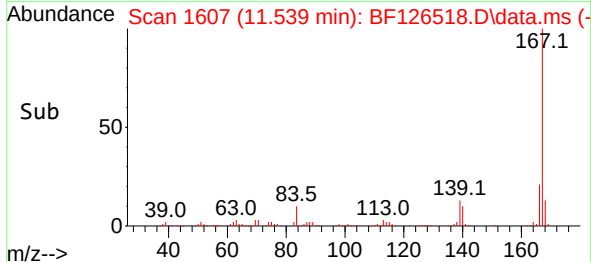
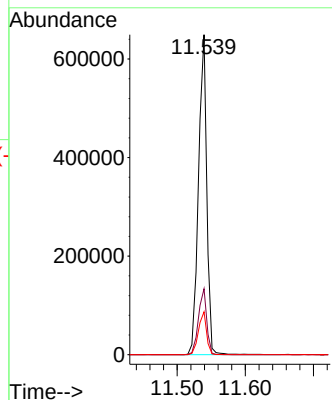
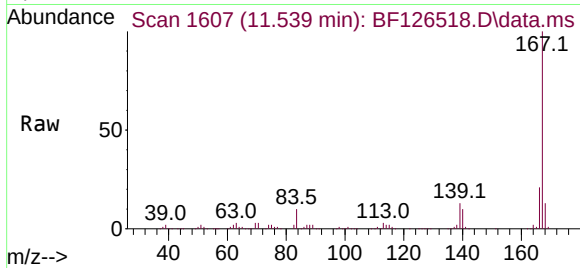




#73  
 Carbazole  
 Concen: 41.776 ng  
 RT: 11.539 min Scan# 1607  
 Delta R.T. 0.000 min  
 Lab File: BF126518.D  
 Acq: 6 Jan 2022 15:23

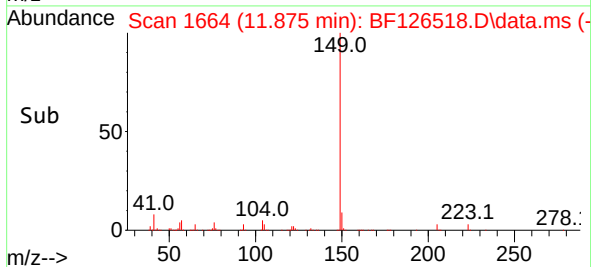
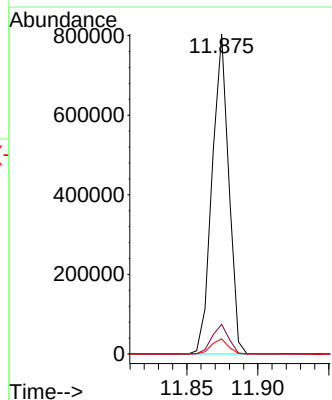
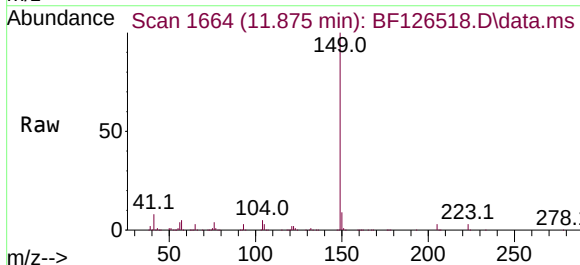
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11944MS

Tgt Ion:167 Resp: 547768  
 Ion Ratio Lower Upper  
 167 100  
 166 20.6 16.9 25.3  
 139 13.4 11.3 16.9

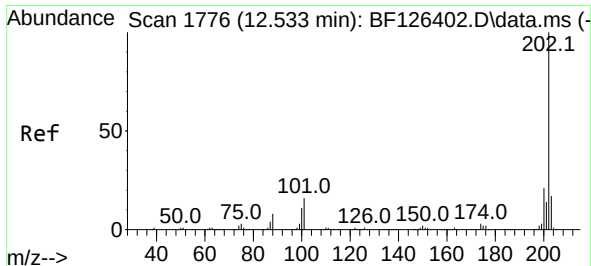


#74  
 Di-n-butylphthalate  
 Concen: 43.755 ng  
 RT: 11.875 min Scan# 1664  
 Delta R.T. 0.000 min  
 Lab File: BF126518.D  
 Acq: 6 Jan 2022 15:23

Tgt Ion:149 Resp: 653180  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.2 10.8  
 104 4.7 4.2 6.2



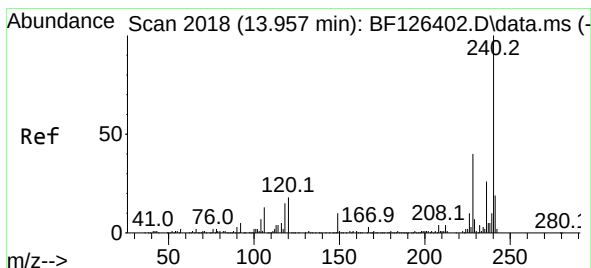
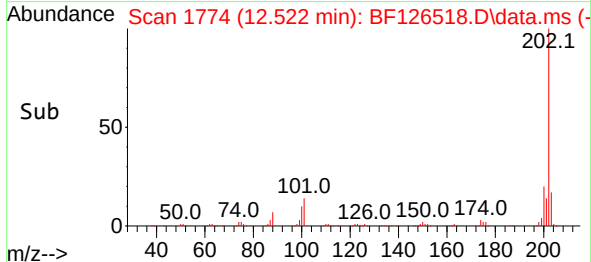
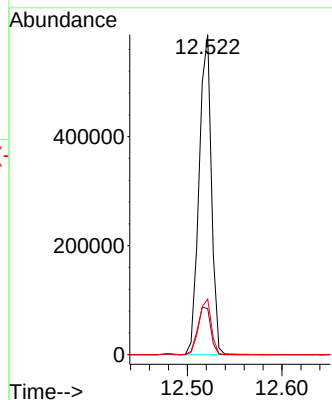
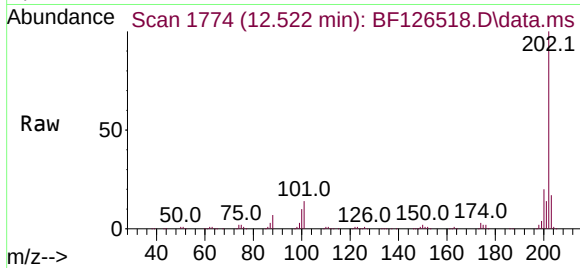




#75  
Fluoranthene  
Concen: 43.583 ng  
RT: 12.522 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

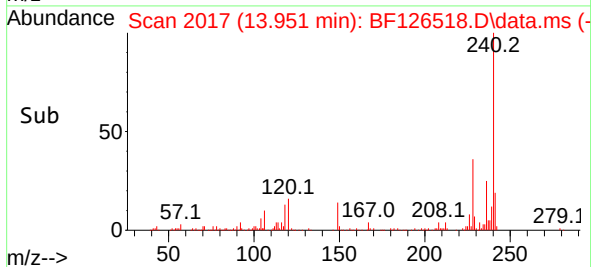
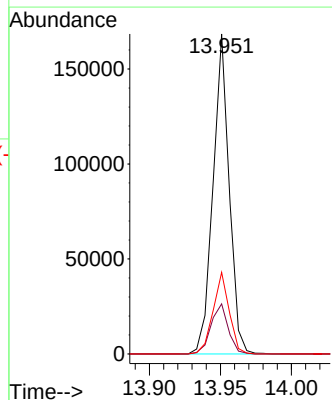
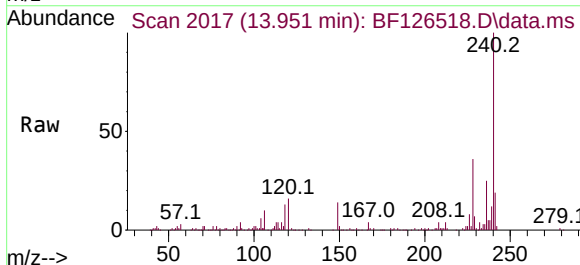
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

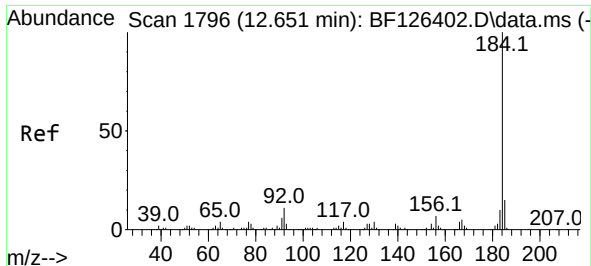
Tgt Ion:202 Resp: 532313  
Ion Ratio Lower Upper  
202 100  
101 14.4 0.0 35.7  
203 17.4 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:240 Resp: 133053  
Ion Ratio Lower Upper  
240 100  
120 15.6 14.4 21.6  
236 25.5 20.5 30.7

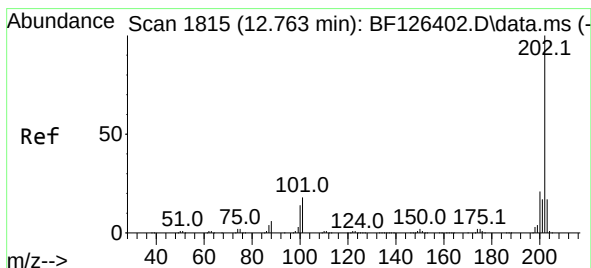
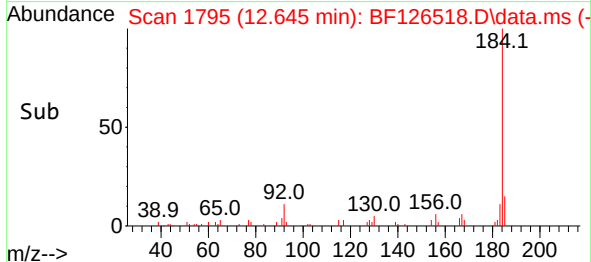
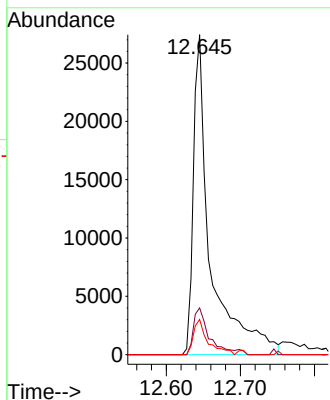
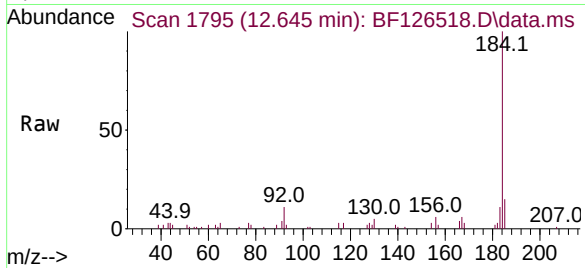




#77  
Benzidine  
Concen: 16.827 ng  
RT: 12.645 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

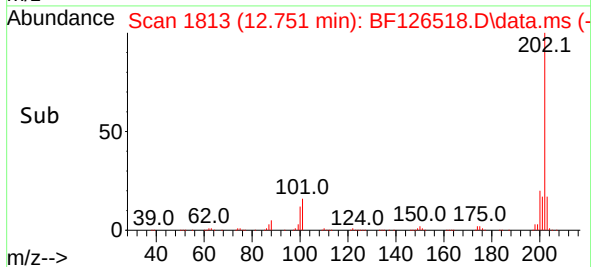
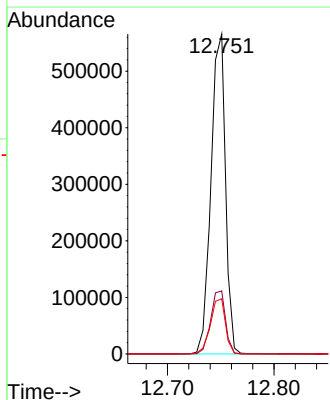
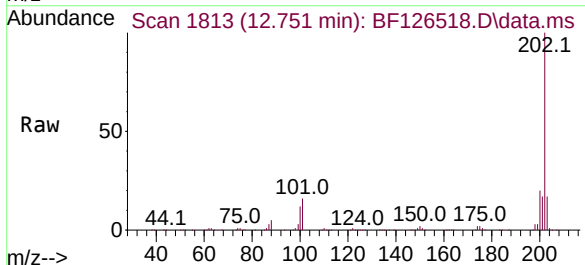
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

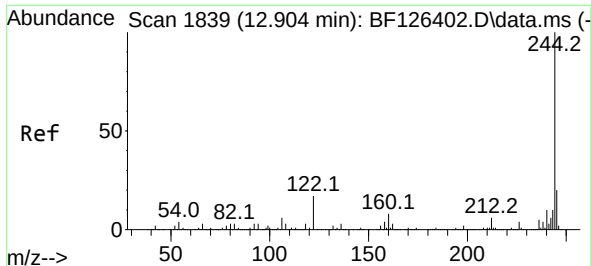
Tgt Ion:184 Resp: 43890  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.8 17.8  
183 11.0 8.2 12.2



#78  
Pyrene  
Concen: 47.537 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:202 Resp: 534520  
Ion Ratio Lower Upper  
202 100  
200 19.7 16.6 24.8  
203 17.2 13.8 20.8

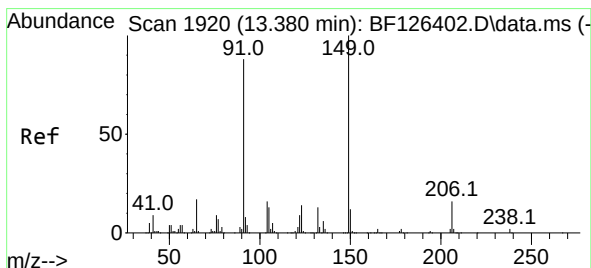
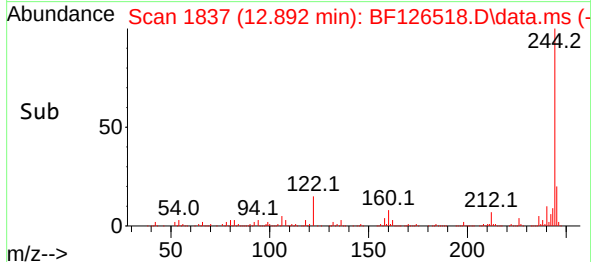
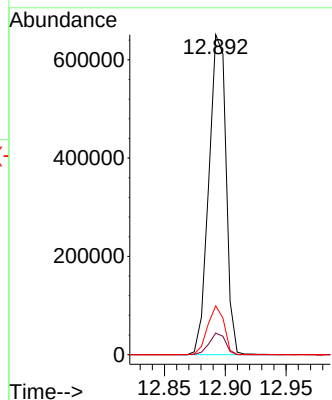
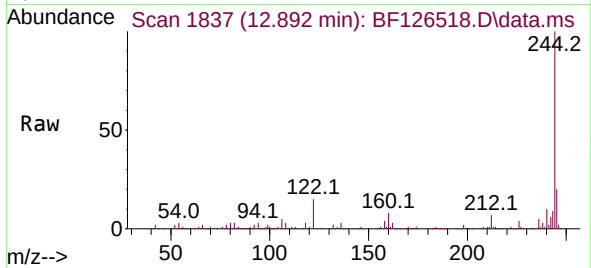




#79  
 Terphenyl-d14  
 Concen: 93.122 ng  
 RT: 12.892 min Scan# 1837  
 Delta R.T. -0.006 min  
 Lab File: BF126518.D  
 Acq: 6 Jan 2022 15:23

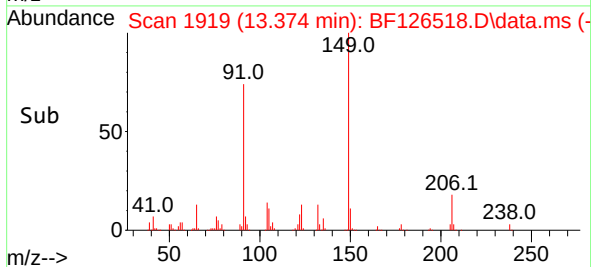
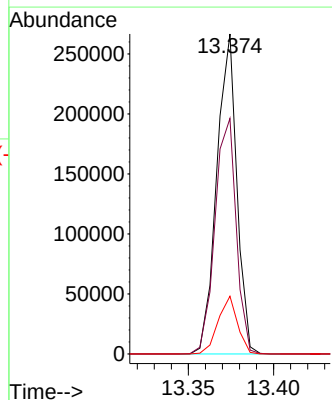
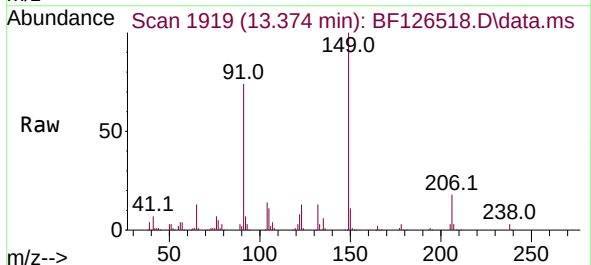
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11944MS

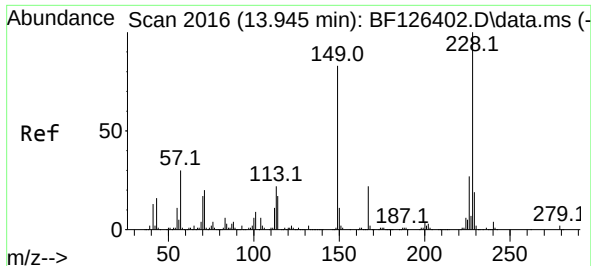
Tgt Ion:244 Resp: 637704  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.0 7.4  
 122 15.3 13.3 19.9



#80  
 Butylbenzylphthalate  
 Concen: 43.940 ng  
 RT: 13.374 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BF126518.D  
 Acq: 6 Jan 2022 15:23

Tgt Ion:149 Resp: 218932  
 Ion Ratio Lower Upper  
 149 100  
 91 73.6 70.5 105.7  
 206 18.0 12.6 19.0

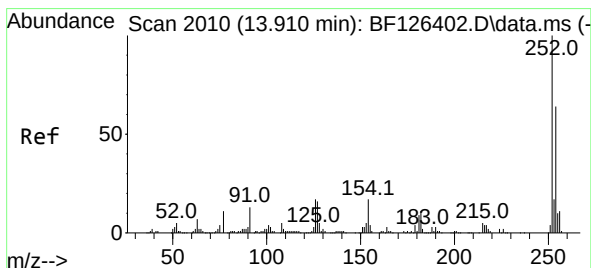
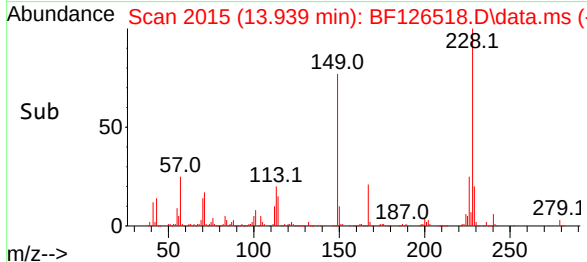
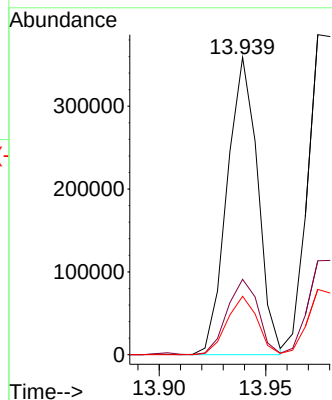
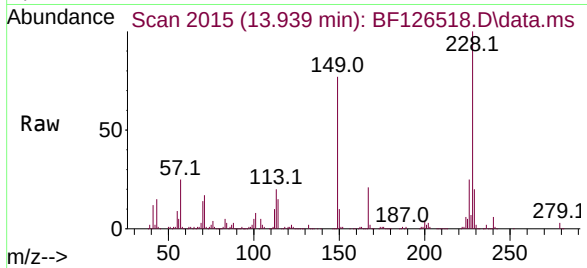




#81  
Benzo(a)anthracene  
Concen: 46.818 ng  
RT: 13.939 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

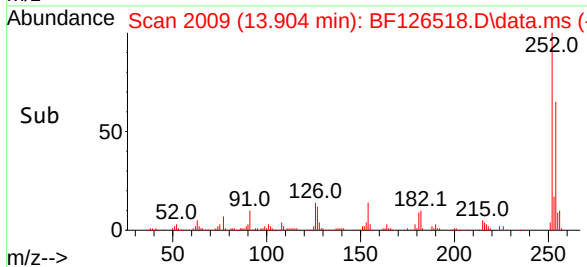
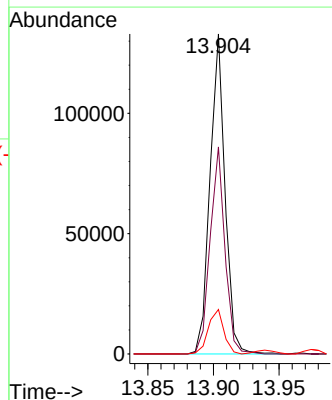
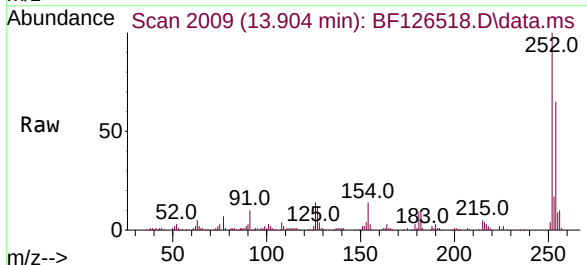
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

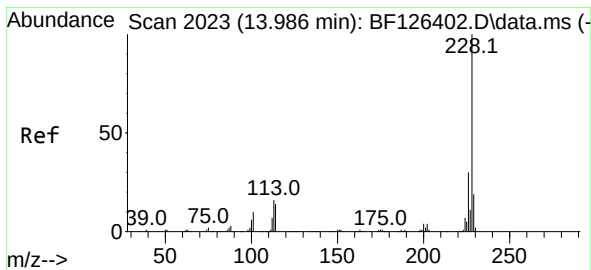
Tgt Ion:228 Resp: 358239  
Ion Ratio Lower Upper  
228 100  
226 25.4 21.4 32.0  
229 19.6 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 29.743 ng  
RT: 13.904 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:252 Resp: 106175  
Ion Ratio Lower Upper  
252 100  
254 64.7 51.0 76.4  
126 13.9 13.4 20.0





#83

Chrysene

Concen: 48.406 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

Instrument :

BNA\_F

ClientSampleId :

72-11944MS

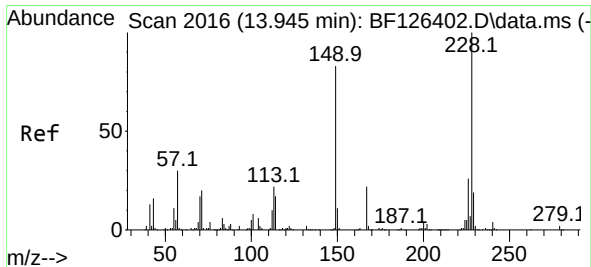
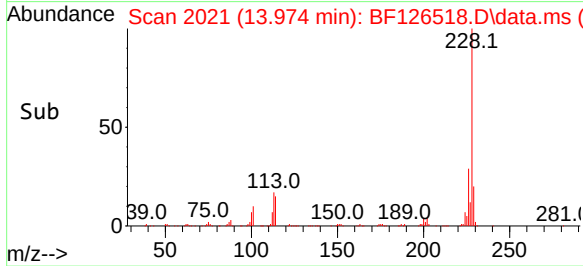
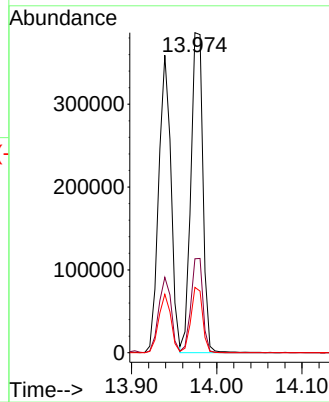
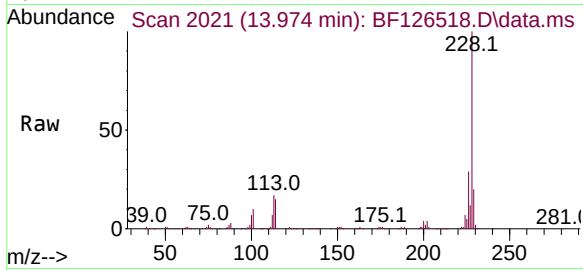
Tgt Ion:228 Resp: 379928

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 20.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.774 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF126518.D

Acq: 6 Jan 2022 15:23

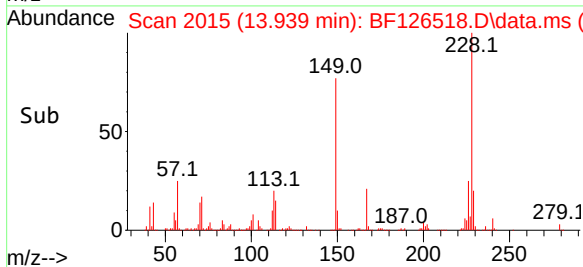
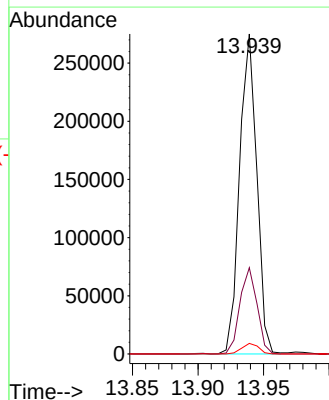
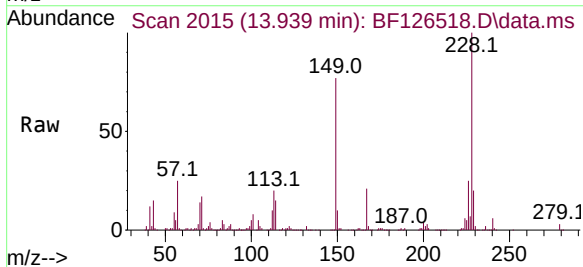
Tgt Ion:149 Resp: 251850

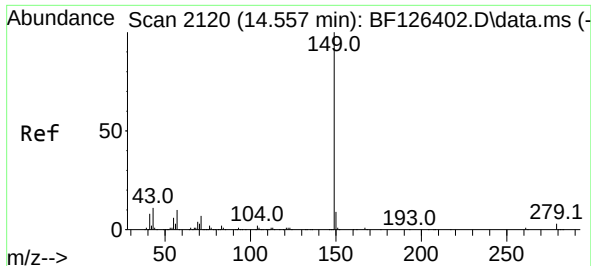
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.2

279 3.3 2.4 3.6

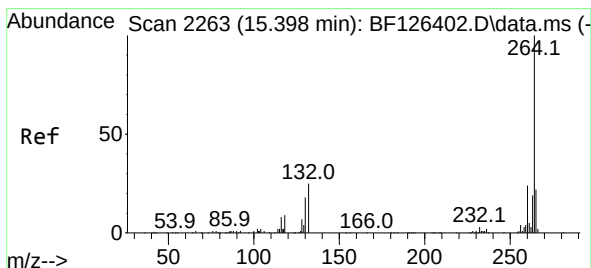
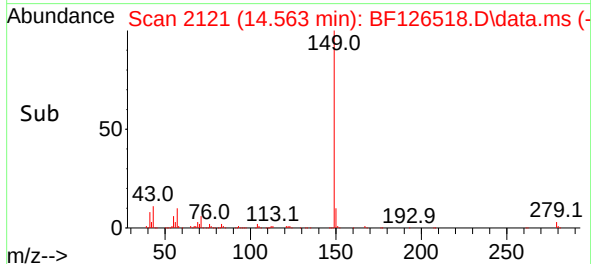
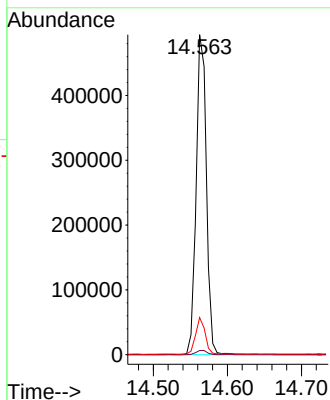
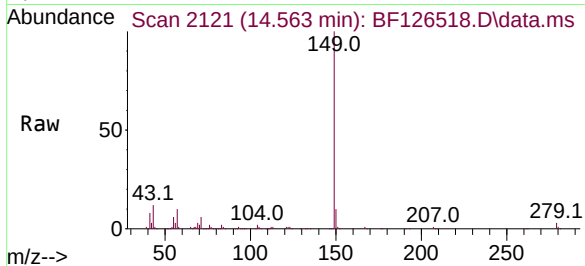




#85  
Di-n-octyl phthalate  
Concen: 52.684 ng  
RT: 14.563 min Scan# 2120  
Delta R.T. 0.018 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

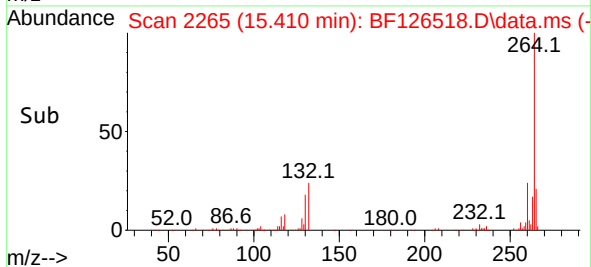
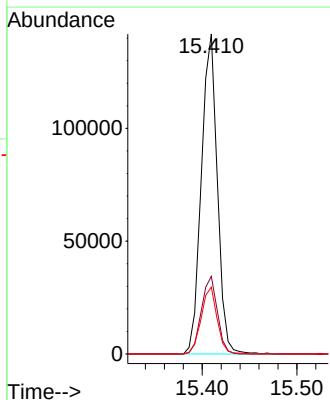
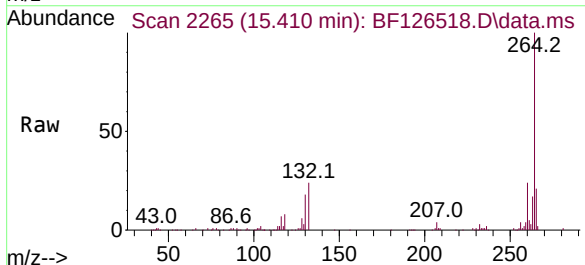
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

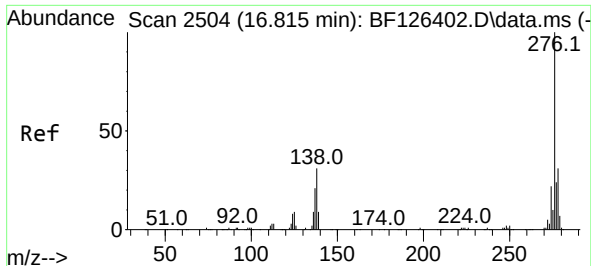
Tgt Ion:149 Resp: 471797  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 10.7 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.410 min Scan# 2265  
Delta R.T. 0.024 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:264 Resp: 166192  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.2 28.8  
265 20.9 17.4 26.2

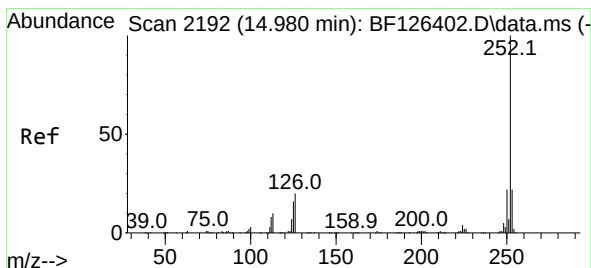
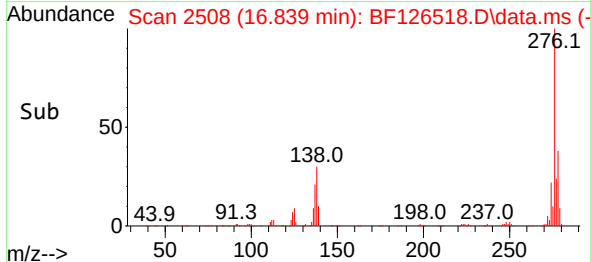
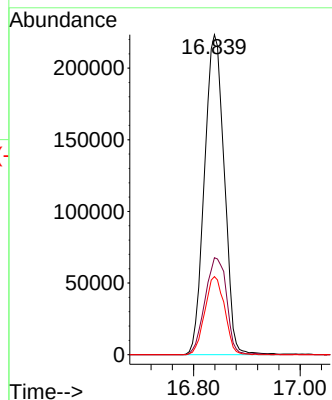
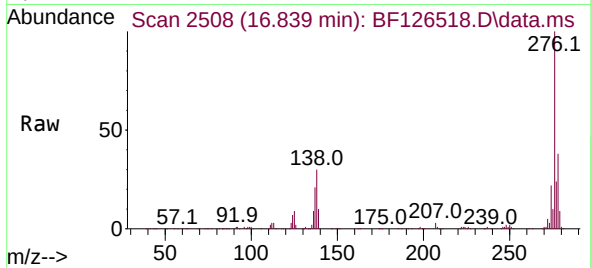




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 51.802 ng  
RT: 16.839 min Scan# 2194  
Delta R.T. 0.030 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

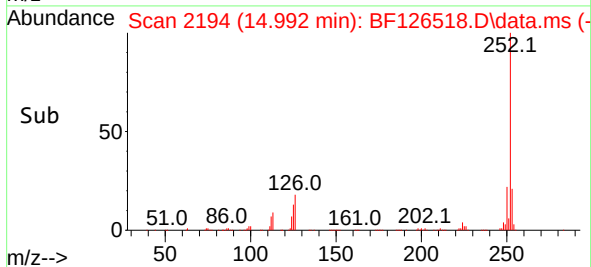
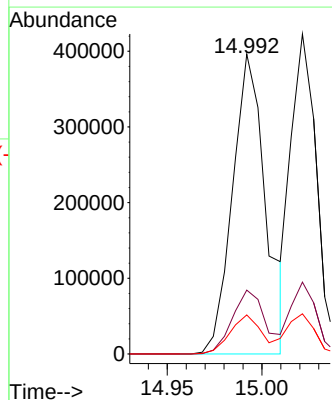
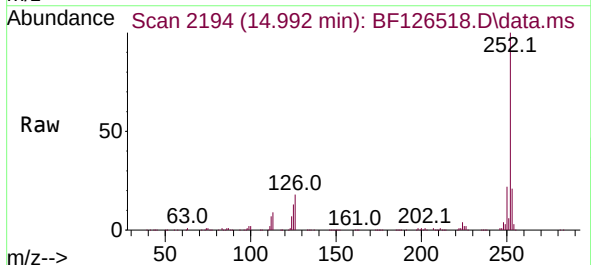
Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

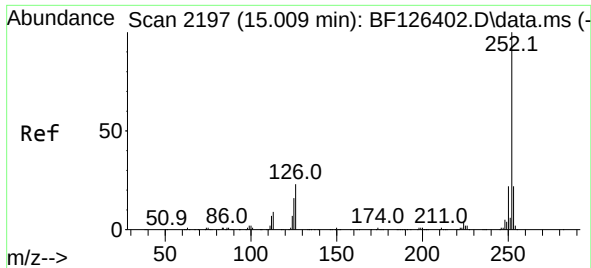
Tgt Ion:276 Resp: 576156  
Ion Ratio Lower Upper  
276 100  
138 32.7 29.2 43.8  
277 24.4 19.8 29.8



#88  
Benzo(b)fluoranthene  
Concen: 48.746 ng  
RT: 14.992 min Scan# 2194  
Delta R.T. 0.018 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

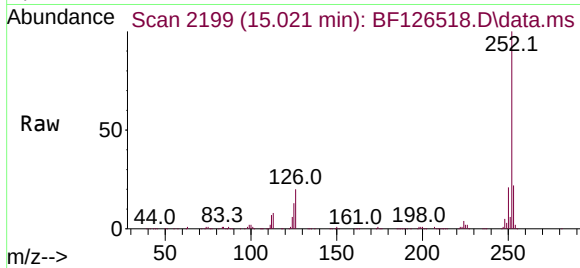
Tgt Ion:252 Resp: 482601  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.8 26.8  
125 13.0 12.4 18.6



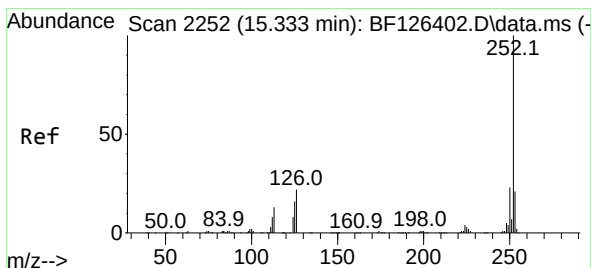
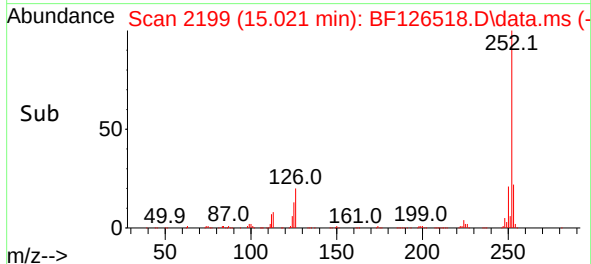
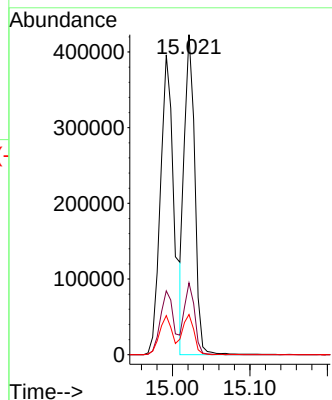


#89  
Benzo(k)fluoranthene  
Concen: 41.453 ng  
RT: 15.021 min Scan# 2199  
Delta R.T. 0.018 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

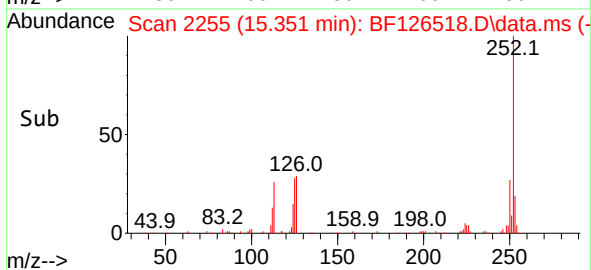
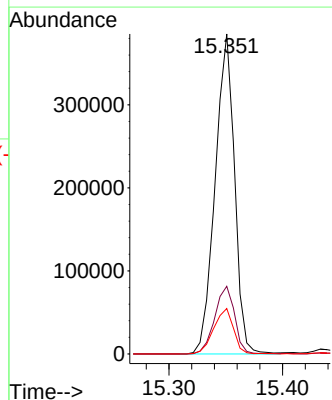
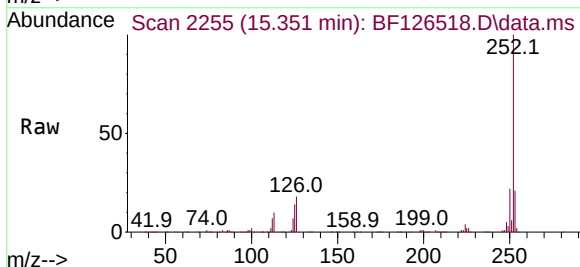


Tgt Ion:252 Resp: 397553  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.5 26.3  
125 12.5 11.8 17.6

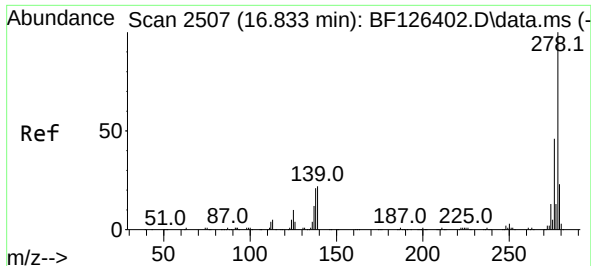


#90  
Benzo(a)pyrene  
Concen: 55.143 ng  
RT: 15.351 min Scan# 2255  
Delta R.T. 0.024 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:252 Resp: 457759  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.1 25.7  
125 14.2 13.0 19.6



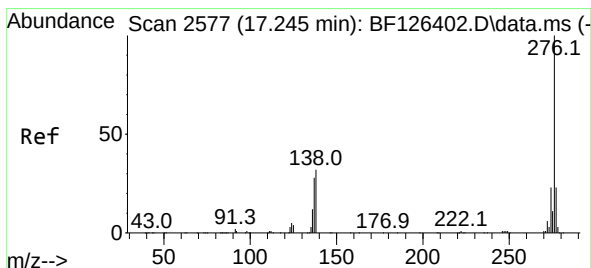
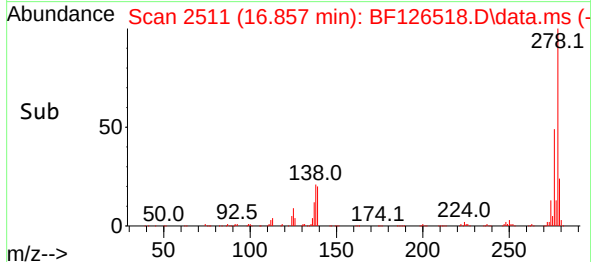
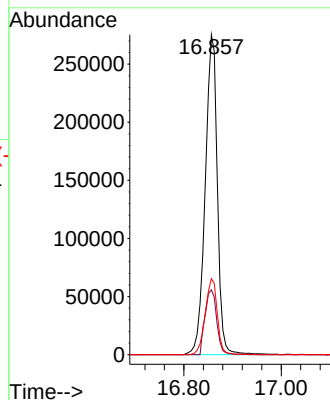
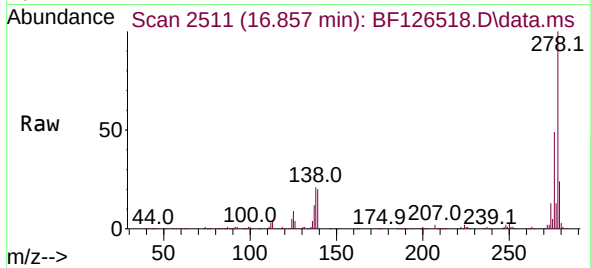




#91  
Dibenzo(a,h)anthracene  
Concen: 52.974 ng  
RT: 16.857 min Scan# 21  
Delta R.T. 0.035 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
72-11944MS

Tgt Ion:278 Resp: 475430  
Ion Ratio Lower Upper  
278 100  
139 20.3 18.0 27.0  
279 23.7 18.6 27.8



#92  
Benzo(g,h,i)perylene  
Concen: 53.636 ng  
RT: 17.274 min Scan# 2582  
Delta R.T. 0.041 min  
Lab File: BF126518.D  
Acq: 6 Jan 2022 15:23

Tgt Ion:276 Resp: 512587  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.5 27.7  
138 27.3 25.9 38.9

