

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122921\  
 Data File : BF126405.D  
 Acq On : 29 Dec 2021 21:33  
 Operator : JU/CG  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Dec 30 03:54:31 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 03:51:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 214601   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.086  | 136  | 831497   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.845  | 164  | 378599   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.321 | 188  | 574916   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.968 | 240  | 286383   | 20.000  | ng    | # 0.01   |
| 86) Perylene-d12              | 15.404 | 264  | 328976   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 1715017  | 151.602 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.451  | 99   | 2269609  | 155.185 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 7.380  | 82   | 2092658  | 172.778 | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 408570   | 186.751 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 9.169  | 172  | 2286284  | 145.046 | ng    | 0.01     |
| 79) Terphenyl-d14             | 12.915 | 244  | 1873901  | 166.833 | ng    | 0.01     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.504  | 88   | 500145   | 88.397  | ng    | 99       |
| 3) Pyridine                   | 3.234  | 79   | 1449383  | 94.590  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.210  | 42   | 593864   | 94.872  | ng    | 96       |
| 6) Aniline                    | 6.481  | 93   | 1463855  | 81.116  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.598  | 128  | 851395   | 75.946  | ng    | 94       |
| 9) Benzaldehyde               | 6.351  | 77   | 678002   | 74.742  | ng    | 99       |
| 10) Phenol                    | 6.463  | 94   | 1182594  | 72.931  | ng    | 81       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 1015184  | 81.431  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.745  | 146  | 878494   | 78.334  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.822  | 146  | 855163   | 76.535  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.981  | 146  | 734919   | 70.808  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.957  | 79   | 774450   | 77.185  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.086  | 45   | 1644203  | 83.892  | ng    | 99       |
| 17) 2-Methylphenol            | 7.057  | 107  | 825832   | 83.274  | ng    | 96       |
| 18) Hexachloroethane          | 7.316  | 117  | 361378   | 82.372  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 715476   | 85.407  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 803775   | 69.470  | ng    | 98       |
| 22) Acetophenone              | 7.222  | 105  | 1158507  | 78.572  | ng    | # 90     |
| 24) Nitrobenzene              | 7.398  | 77   | 1031211  | 84.549  | ng    | 97       |
| 25) Isophorone                | 7.639  | 82   | 2127583  | 96.454  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.704  | 139  | 509174   | 95.921  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.745  | 122  | 746218   | 87.153  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.845  | 93   | 1235656  | 86.102  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.951  | 162  | 671556   | 86.611  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.028  | 180  | 667222   | 82.640  | ng    | 99       |
| 31) Naphthalene               | 8.110  | 128  | 2330175  | 78.461  | ng    | 98       |
| 32) Benzoic acid              | 7.916  | 122  | 712014   | 155.126 | ng    | 94       |
| 33) 4-Chloroaniline           | 8.157  | 127  | 1028299  | 83.134  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.227  | 225  | 326646   | 84.134  | ng    | 98       |
| 35) Caprolactam               | 8.563  | 113  | 139295   | 70.870  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.645  | 107  | 839406   | 88.460  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.804  | 142  | 1389660  | 79.311  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.898  | 142  | 1335823  | 78.991  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.969  | 216  | 491871   | 78.486  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.957  | 237  | 269874   | 115.978 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.080  | 196  | 403071   | 88.901  | ng    | 95       |

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 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

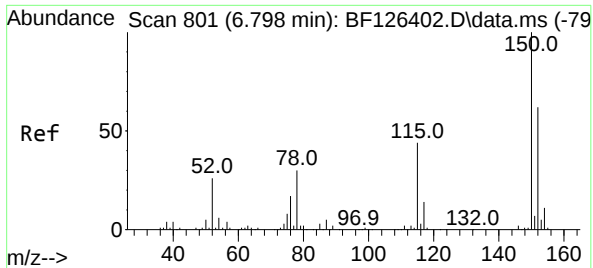
Quant Time: Dec 30 03:54:31 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 03:51:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.122  | 196  | 421441   | 85.397  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.269  | 154  | 1611758  | 76.983  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.292  | 162  | 1239731  | 77.612  | ng    | 96       |
| 48) 2-Nitroaniline            | 9.386  | 65   | 586020   | 93.314  | ng    | 99       |
| 49) Acenaphthylene            | 9.710  | 152  | 1826692  | 75.565  | ng    | 99       |
| 50) Dimethylphthalate         | 9.580  | 163  | 1523909  | 84.835  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.633  | 165  | 338388   | 89.748  | ng    | # 87     |
| 52) Acenaphthene              | 9.880  | 154  | 1196398  | 75.526  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.804  | 138  | 473980   | 90.463  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 204963   | 137.253 | ng    | # 85     |
| 55) Dibenzofuran              | 10.051 | 168  | 1590121  | 74.872  | ng    | 94       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 374094   | 102.102 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.039 | 165  | 405264   | 84.262  | ng    | 93       |
| 58) Fluorene                  | 10.392 | 166  | 1124285  | 73.555  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 303793   | 86.995  | ng    | 97       |
| 60) Diethylphthalate          | 10.274 | 149  | 1386417  | 80.706  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204  | 498297   | 74.497  | ng    | 94       |
| 62) 4-Nitroaniline            | 10.427 | 138  | 460009   | 93.155  | ng    | 98       |
| 63) Azobenzene                | 10.545 | 77   | 1746166  | 79.258  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 255961   | 117.326 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 10.510 | 169  | 1105471  | 81.237  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.874 | 248  | 336792   | 87.279  | ng    | 97       |
| 68) Hexachlorobenzene         | 10.939 | 284  | 389194   | 87.406  | ng    | 99       |
| 69) Atrazine                  | 11.027 | 200  | 169839   | 75.582  | ng    | 99       |
| 70) Pentachlorophenol         | 11.133 | 266  | 223101   | 115.865 | ng    | 99       |
| 71) Phenanthrene              | 11.351 | 178  | 1713211  | 76.633  | ng    | 98       |
| 72) Anthracene                | 11.404 | 178  | 1747501  | 78.247  | ng    | 99       |
| 73) Carbazole                 | 11.557 | 167  | 1697057  | 77.721  | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 1928537  | 78.918  | ng    | 98       |
| 75) Fluoranthene              | 12.539 | 202  | 1554100  | 76.639  | ng    | 98       |
| 77) Benzidine                 | 12.657 | 184  | 242026   | 66.858  | ng    | 99       |
| 78) Pyrene                    | 12.768 | 202  | 1584331  | 86.708  | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.386 | 149  | 723001   | 91.022  | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.957 | 228  | 1045268  | 83.722  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.921 | 252  | 488075   | 86.341  | ng    | 97       |
| 83) Chrysene                  | 13.992 | 228  | 1099215  | 86.542  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 726747   | 87.996  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.557 | 149  | 1465336  | 102.884 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.845 | 276  | 1586288  | 96.081  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 14.992 | 252  | 1249876  | 83.204  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.027 | 252  | 1209572  | 84.653  | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.351 | 252  | 1125632  | 89.775  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 16.862 | 278  | 1229152  | 93.148  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.280 | 276  | 1373706  | 96.526  | ng    | 96       |

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

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Response via : Initial Calibration

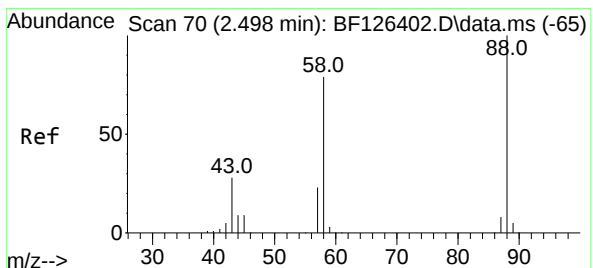
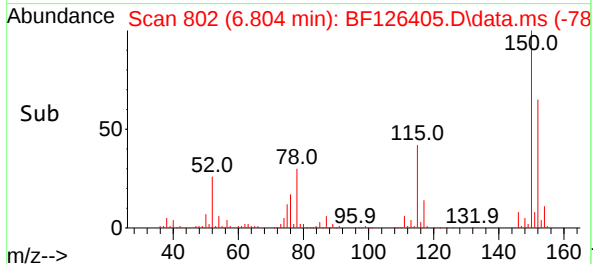
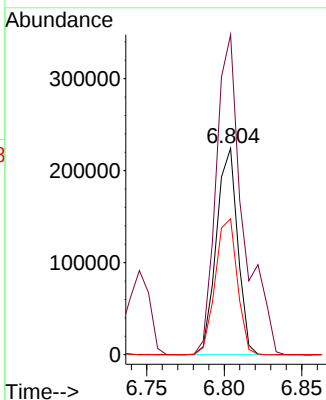
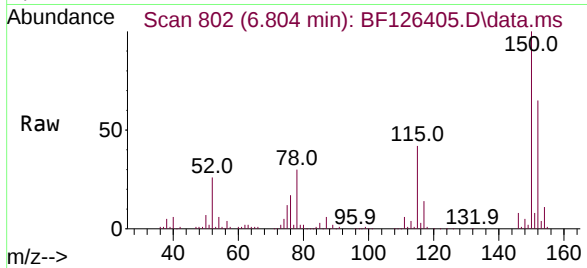




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.804 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: BF126405.D  
 Acq: 29 Dec 2021 21:33

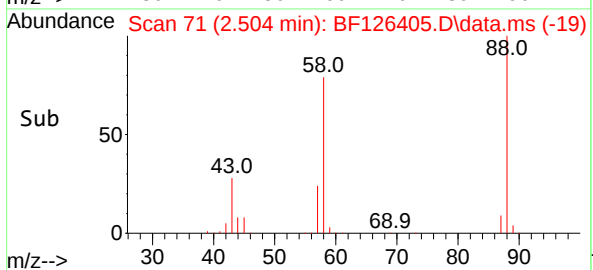
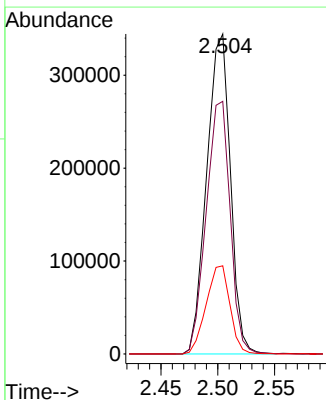
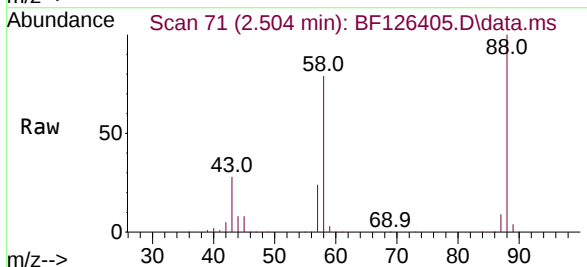
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

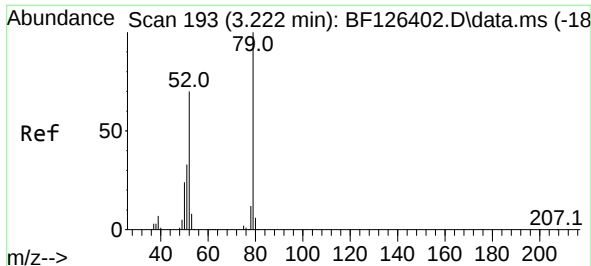
Tgt Ion:152 Resp: 214601  
 Ion Ratio Lower Upper  
 152 100  
 150 155.0 128.1 192.1  
 115 65.8 56.7 85.1



#2  
 1,4-Dioxane  
 Concen: 88.397 ng  
 RT: 2.504 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: BF126405.D  
 Acq: 29 Dec 2021 21:33

Tgt Ion: 88 Resp: 500145  
 Ion Ratio Lower Upper  
 88 100  
 58 79.8 62.8 94.2  
 43 27.7 22.3 33.5

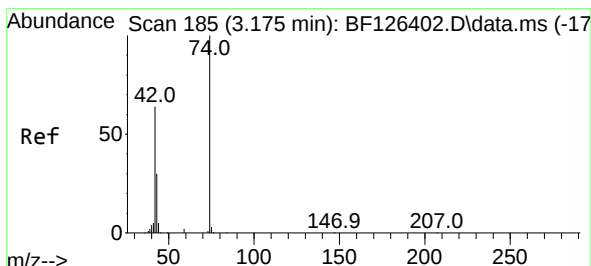
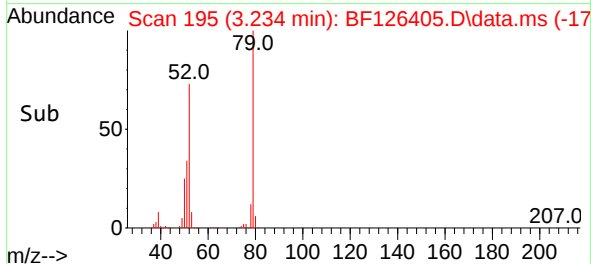
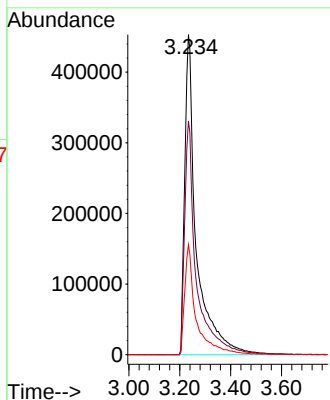
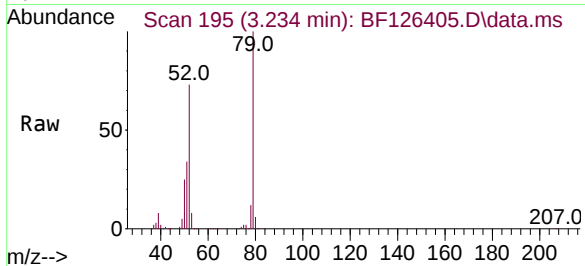




#3  
Pyridine  
Concen: 94.590 ng  
RT: 3.234 min Scan# 191  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

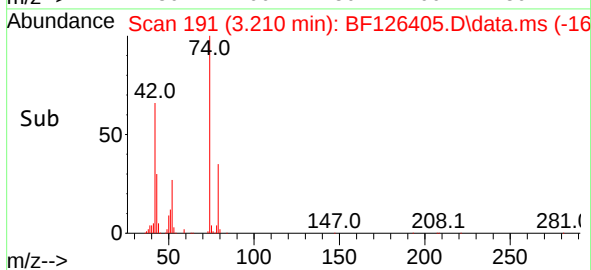
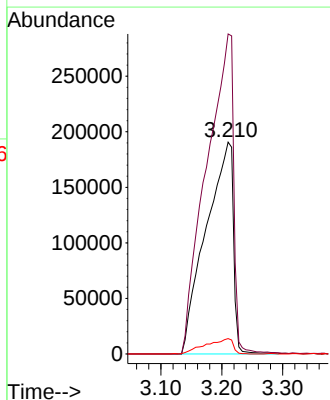
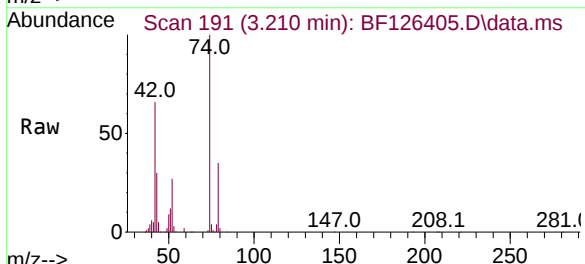
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

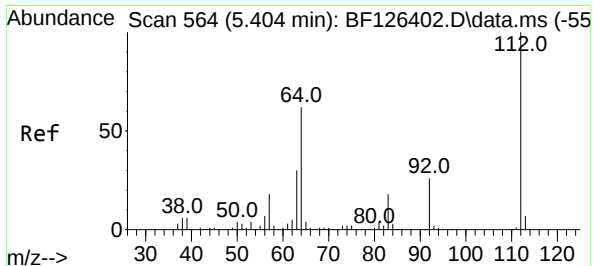
Tgt Ion: 79 Resp: 1449383  
Ion Ratio Lower Upper  
79 100  
52 73.1 56.2 84.4  
51 34.4 26.7 40.1



#4  
n-Nitrosodimethylamine  
Concen: 94.872 ng  
RT: 3.210 min Scan# 191  
Delta R.T. 0.035 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion: 42 Resp: 593864  
Ion Ratio Lower Upper  
42 100  
74 151.1 125.6 188.4  
44 7.3 5.7 8.5

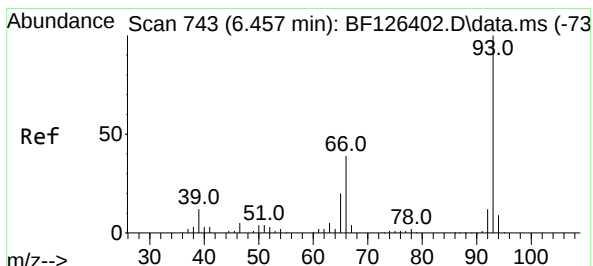
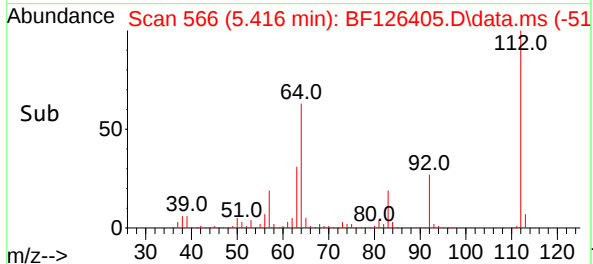
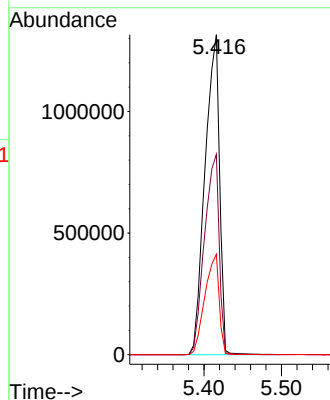
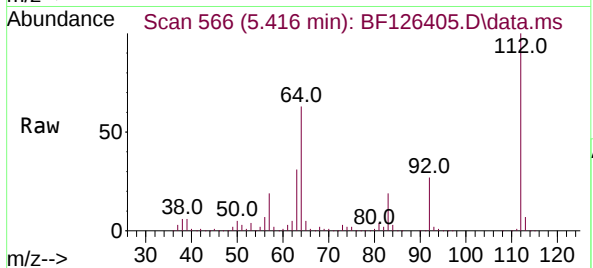




#5  
2-Fluorophenol  
Concen: 151.602 ng  
RT: 5.416 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

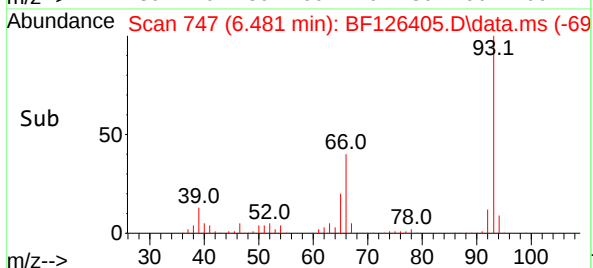
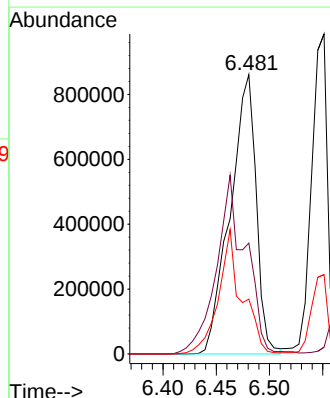
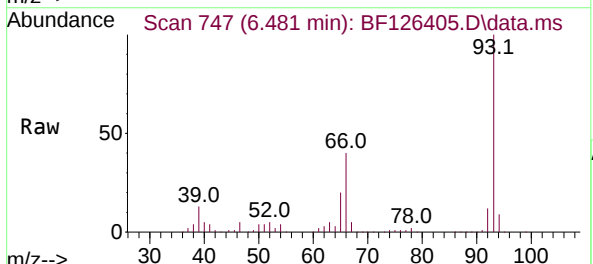
Instrument :  
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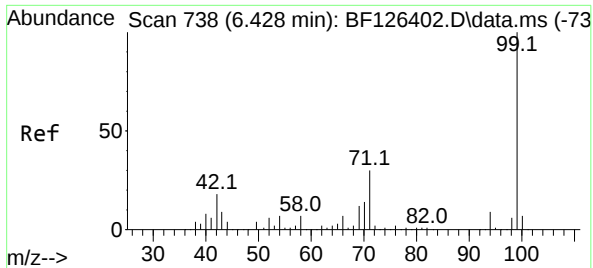
Tgt Ion:112 Resp: 1715017  
Ion Ratio Lower Upper  
112 100  
64 62.6 49.5 74.3  
63 31.4 23.9 35.9



#6  
Aniline  
Concen: 81.116 ng  
RT: 6.481 min Scan# 747  
Delta R.T. 0.023 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion: 93 Resp: 1463855  
Ion Ratio Lower Upper  
93 100  
66 39.7 32.2 48.4  
65 19.7 16.3 24.5



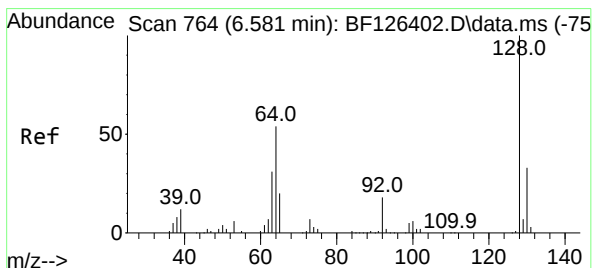
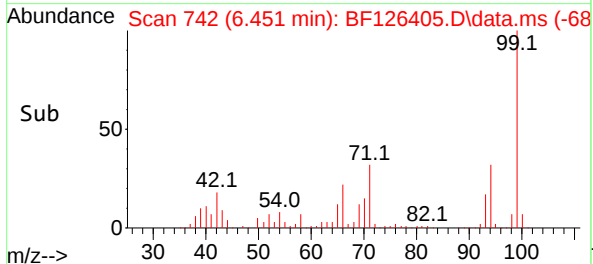
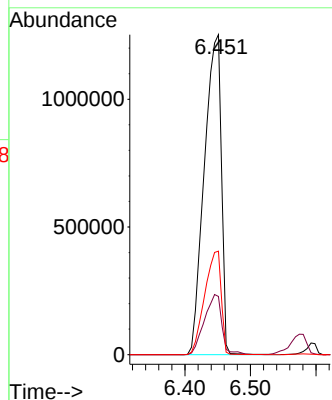
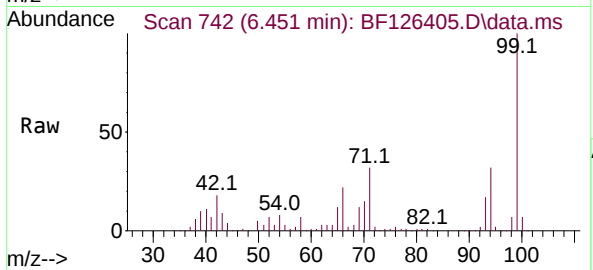


#7  
Phenol-d6  
Concen: 155.185 ng  
RT: 6.451 min Scan# 741  
Delta R.T. 0.024 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 99 Resp: 2269609

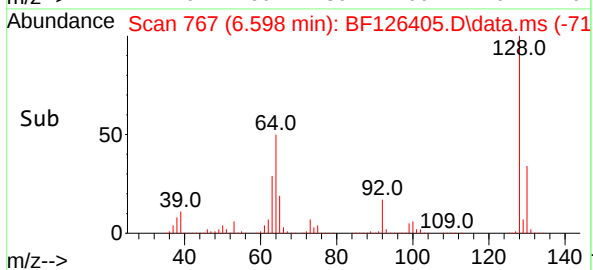
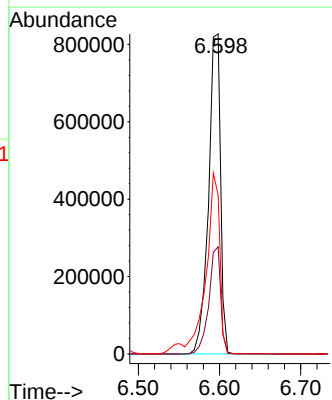
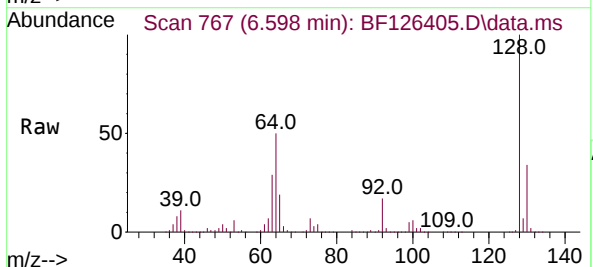
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.2  | 14.2  | 21.4  |
| 71  | 32.4  | 24.3  | 36.5  |

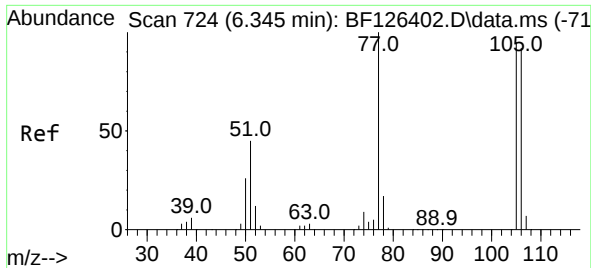


#8  
2-Chlorophenol  
Concen: 75.946 ng  
RT: 6.598 min Scan# 767  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion: 128 Resp: 851395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.5  | 12.7  | 52.7  |
| 64  | 49.7  | 35.6  | 75.6  |

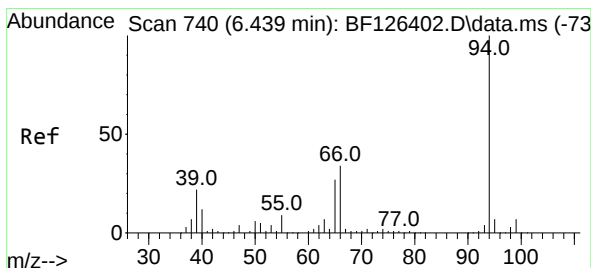
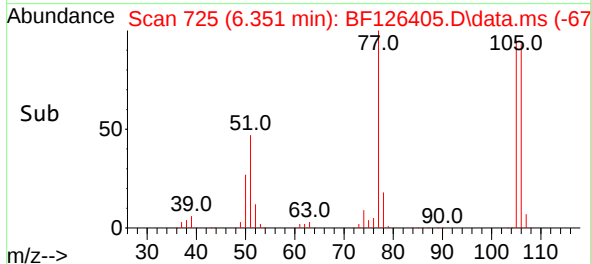
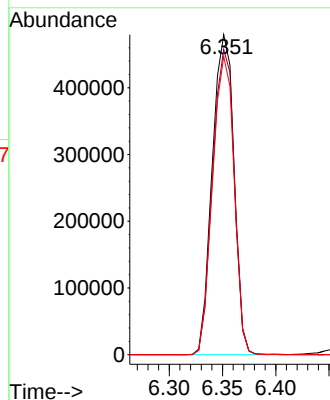
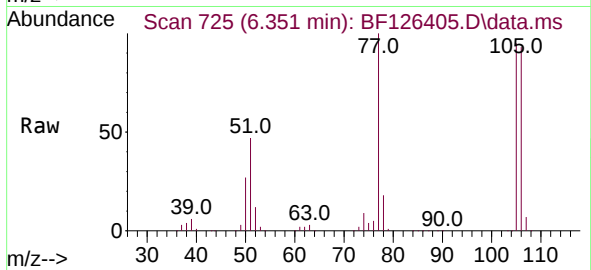




#9  
Benzaldehyde  
Concen: 74.742 ng  
RT: 6.351 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

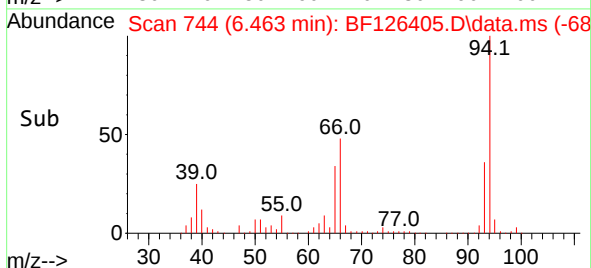
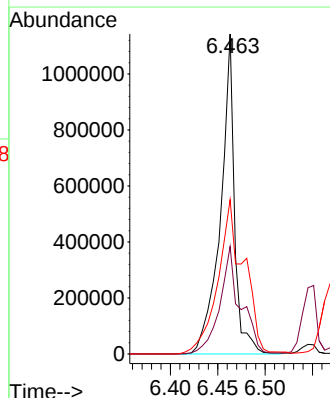
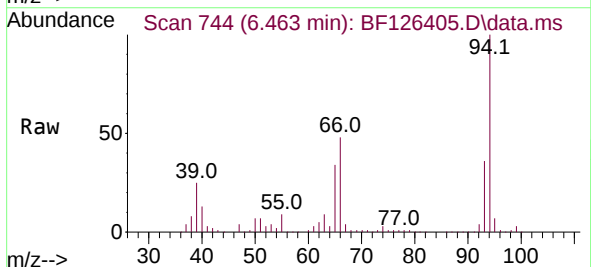
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

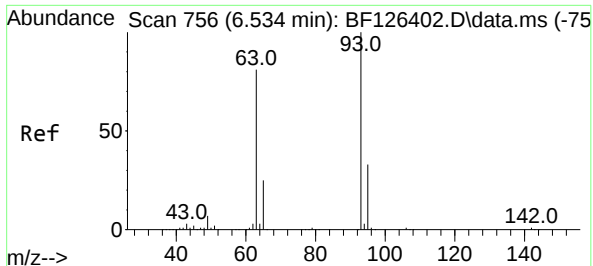
Tgt Ion: 77 Resp: 678002  
Ion Ratio Lower Upper  
77 100  
105 95.4 74.9 114.9  
106 93.2 72.4 112.4



#10  
Phenol  
Concen: 72.931 ng  
RT: 6.463 min Scan# 744  
Delta R.T. 0.024 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion: 94 Resp: 1182594  
Ion Ratio Lower Upper  
94 100  
65 33.6 7.2 47.2  
66 48.3 14.5 54.5

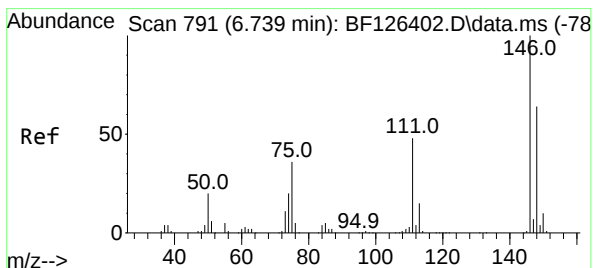
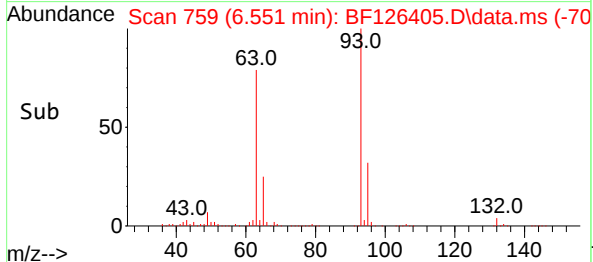
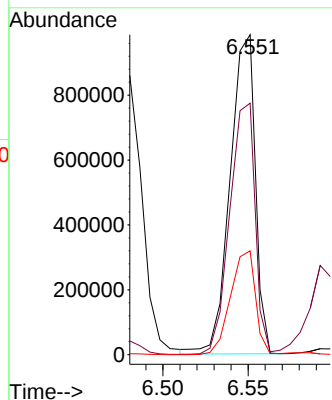
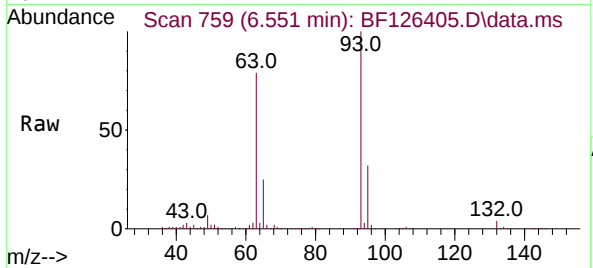




#11  
bis(2-Chloroethyl)ether  
Concen: 81.431 ng  
RT: 6.551 min Scan# 756  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

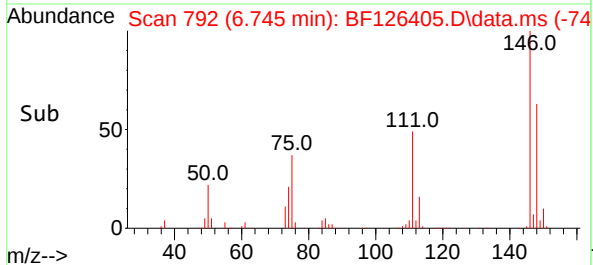
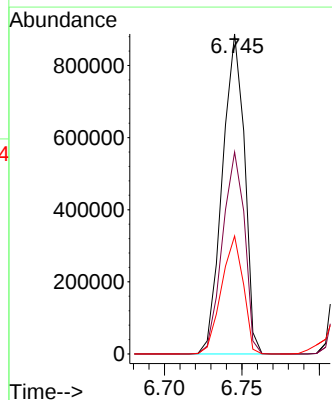
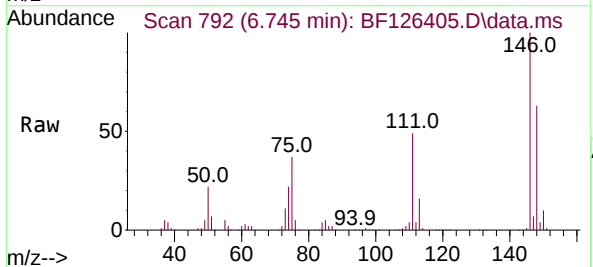
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

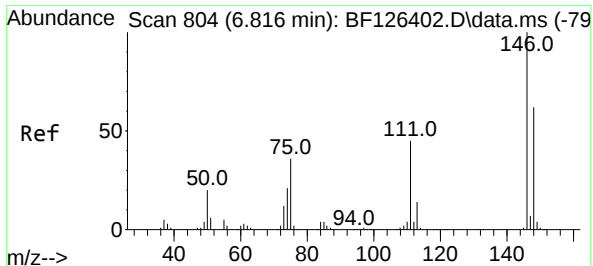
Tgt Ion: 93 Resp: 1015184  
Ion Ratio Lower Upper  
93 100  
63 78.6 60.5 100.5  
95 32.4 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 78.334 ng  
RT: 6.745 min Scan# 792  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion: 146 Resp: 878494  
Ion Ratio Lower Upper  
146 100  
148 63.1 50.9 76.3  
75 36.8 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 76.535 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

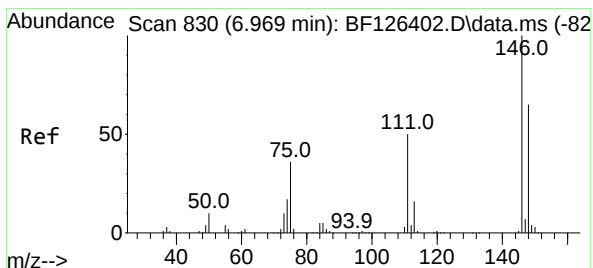
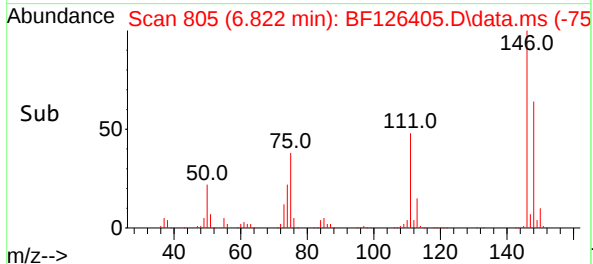
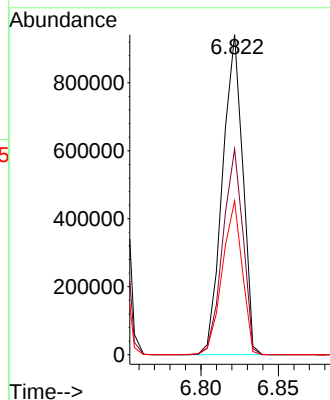
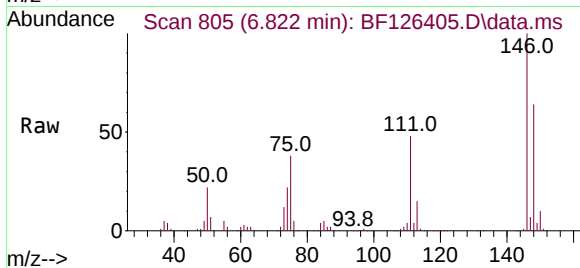
Tgt Ion:146 Resp: 855163

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

111 48.1 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 70.808 ng

RT: 6.981 min Scan# 832

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

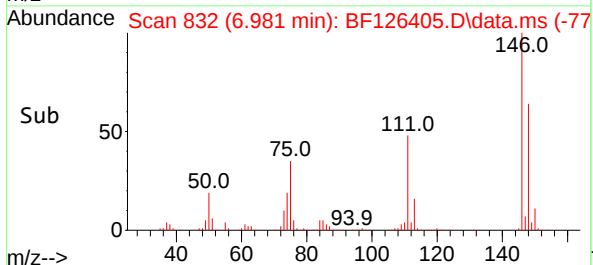
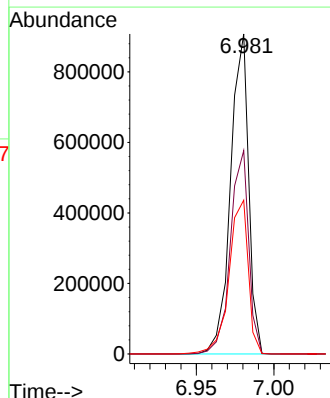
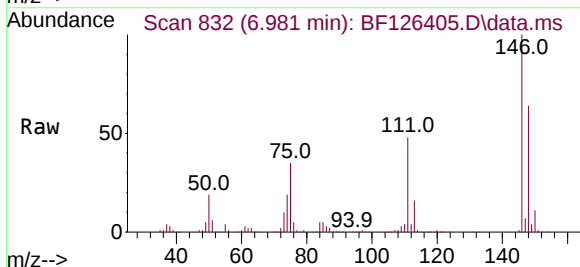
Tgt Ion:146 Resp: 734919

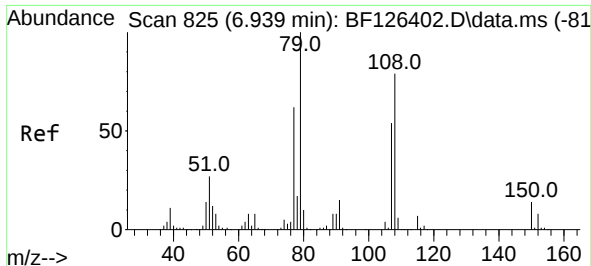
Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

111 48.0 40.2 60.2

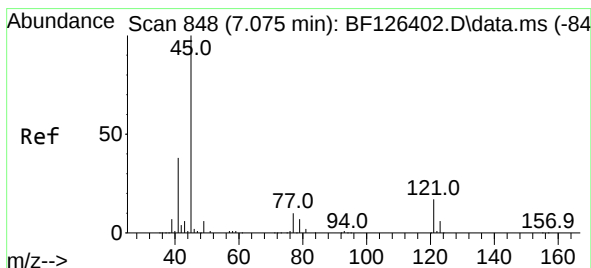
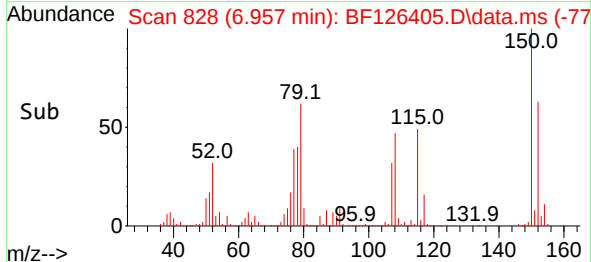
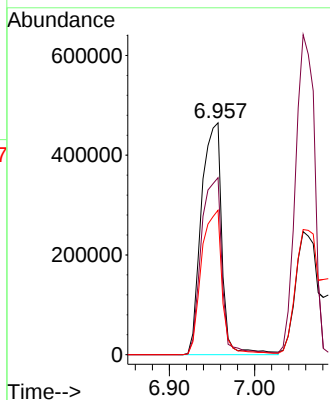
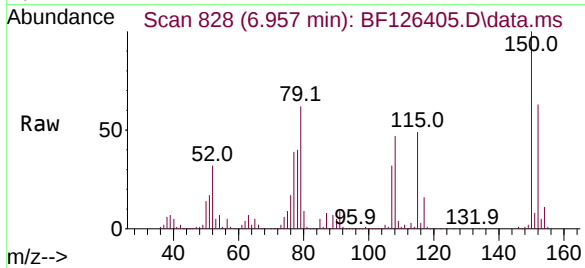




#15  
Benzyl Alcohol  
Concen: 77.185 ng  
RT: 6.957 min Scan# 81  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

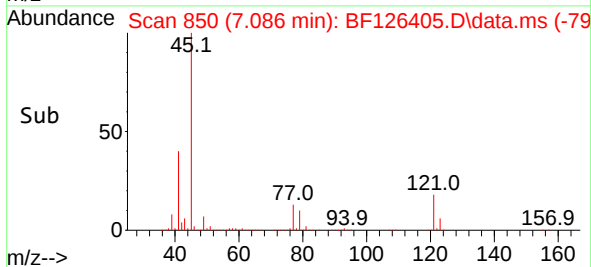
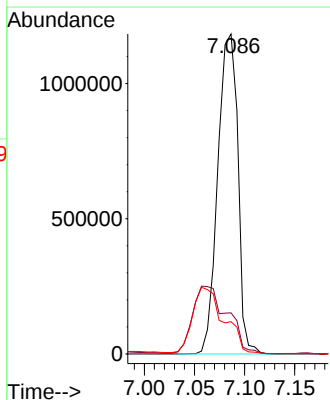
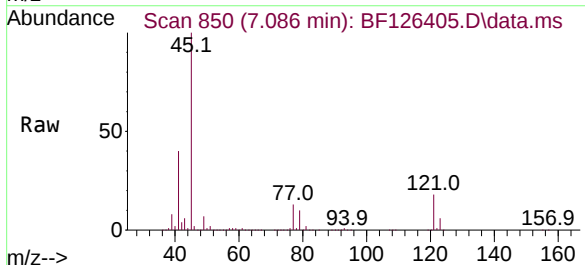
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

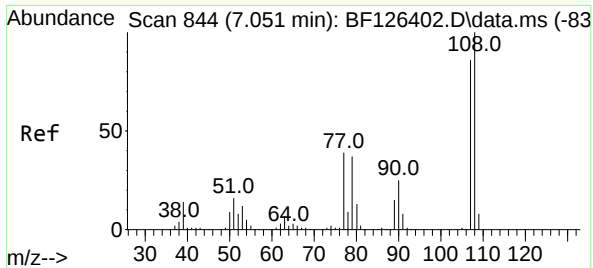
Tgt Ion: 79 Resp: 774450  
Ion Ratio Lower Upper  
79 100  
108 76.3 63.2 94.8  
77 62.3 49.4 74.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 83.892 ng  
RT: 7.086 min Scan# 850  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion: 45 Resp: 1644203  
Ion Ratio Lower Upper  
45 100  
77 12.9 0.0 32.4  
79 10.1 0.0 29.8

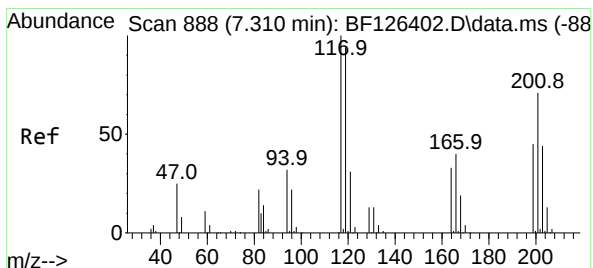
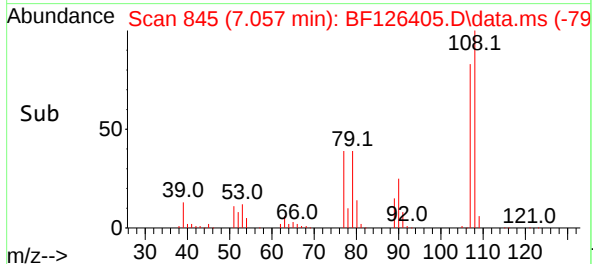
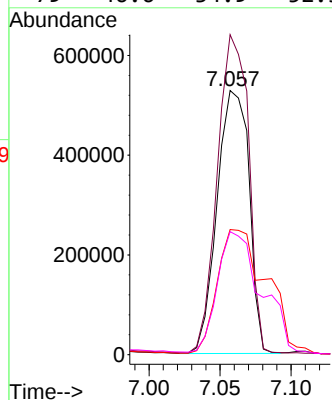
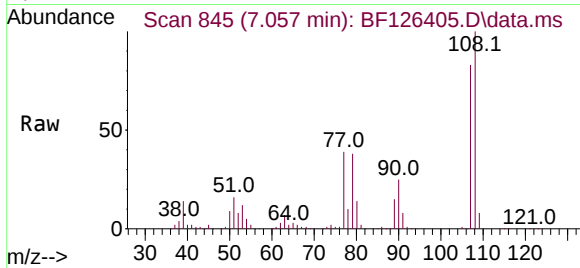




#17  
2-Methylphenol  
Concen: 83.274 ng  
RT: 7.057 min Scan# 844  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

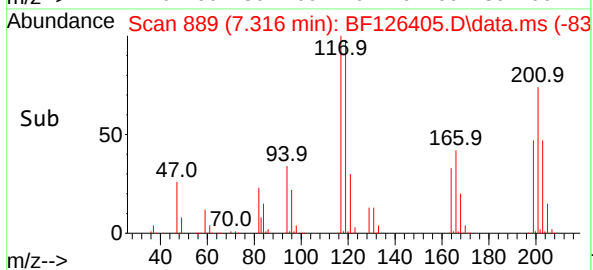
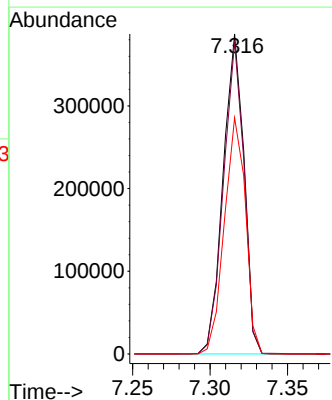
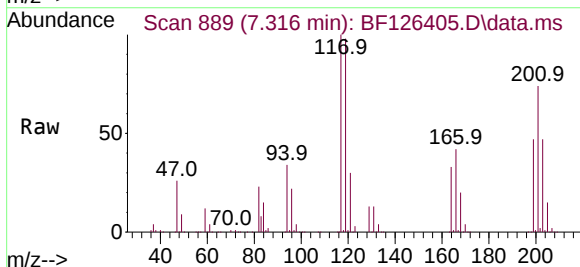
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

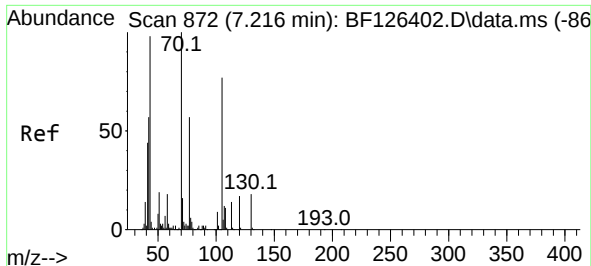
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 825832 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 121.1 | 93.4  | 140.0  |
| 77       | 47.4  | 36.1  | 54.1   |
| 79       | 46.6  | 34.9  | 52.3   |



#18  
Hexachloroethane  
Concen: 82.372 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 361378 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.6  | 75.4  | 113.0  |
| 201      | 73.8  | 56.8  | 85.2   |

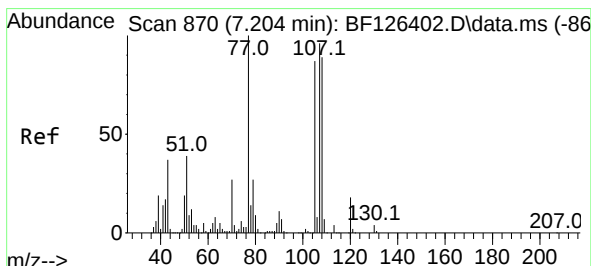
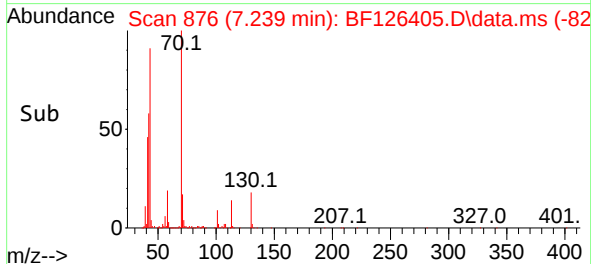
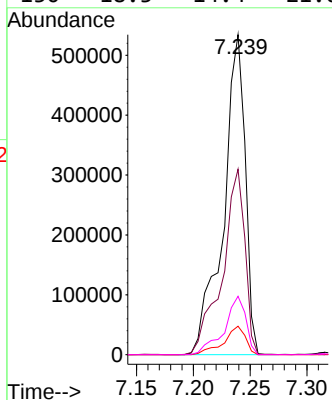
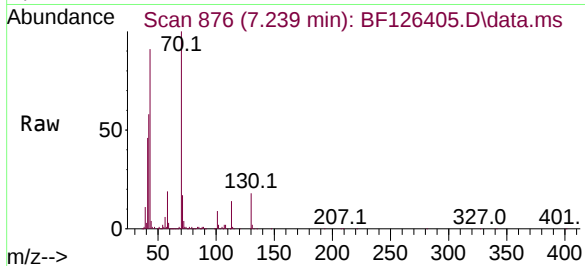




#19  
n-Nitroso-di-n-propylamine  
Concen: 85.407 ng  
RT: 7.239 min Scan# 81  
Delta R.T. 0.024 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

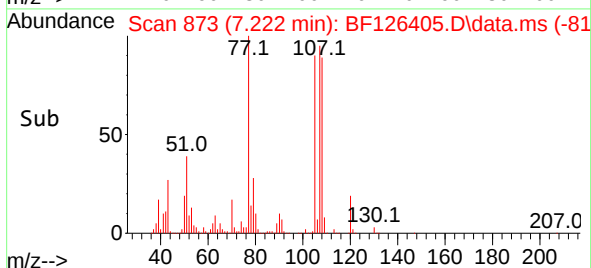
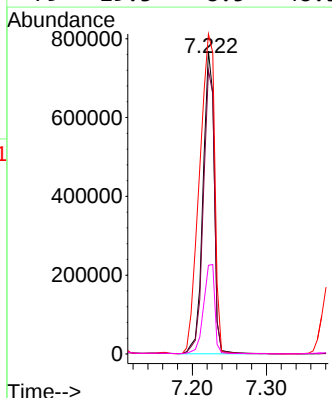
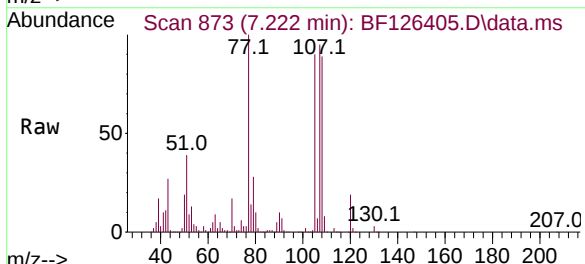
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 70 Resp: 715476  
Ion Ratio Lower Upper  
70 100  
42 58.0 45.8 68.8  
101 8.9 6.9 10.3  
130 18.3 14.4 21.6



#20  
3+4-Methylphenols  
Concen: 69.470 ng  
RT: 7.222 min Scan# 873  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion: 107 Resp: 803775  
Ion Ratio Lower Upper  
107 100  
108 93.8 72.4 112.4  
77 105.7 83.8 123.8  
79 29.3 8.5 48.5



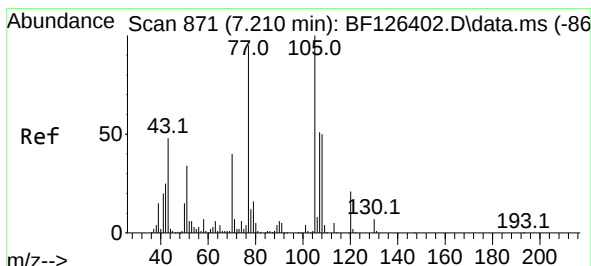
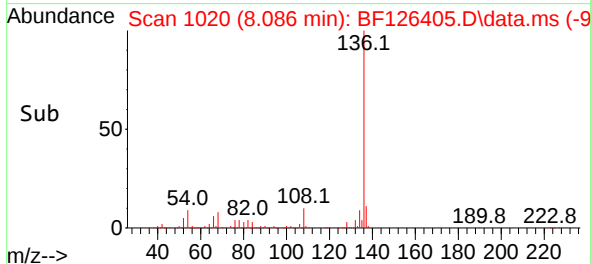
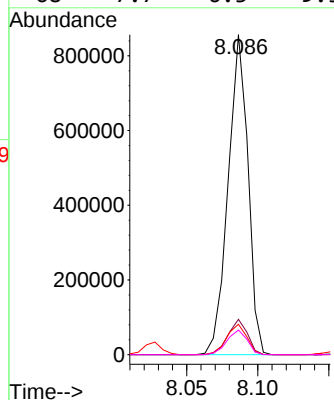
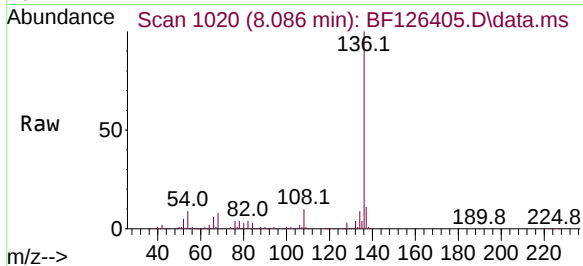


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.086 min Scan# 1019  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:136 Resp: 831497

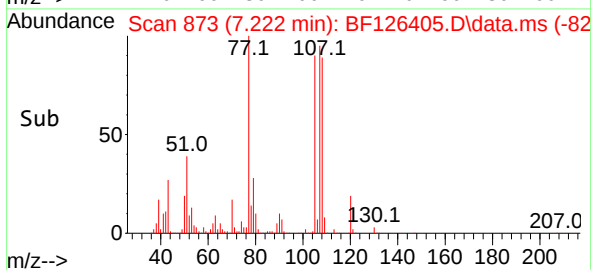
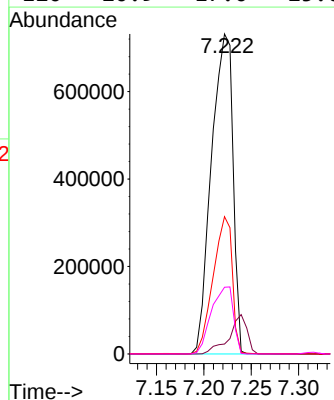
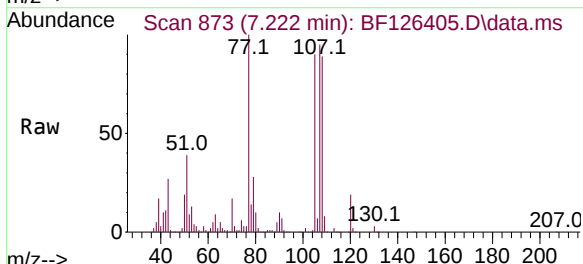
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 9.5   | 7.8   | 11.6  |
| 68  | 7.7   | 6.3   | 9.5   |

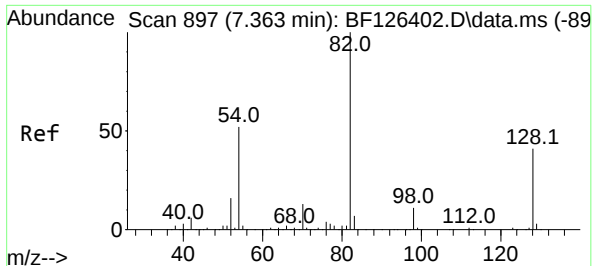


#22  
Acetophenone  
Concen: 78.572 ng  
RT: 7.222 min Scan# 873  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:105 Resp: 1158507

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 3.1   | 5.4   | 8.0#  |
| 51  | 42.9  | 27.4  | 41.0# |
| 120 | 20.9  | 17.0  | 25.6  |





#23

Nitrobenzene-d5

Concen: 172.778 ng

RT: 7.380 min Scan# 90

Delta R.T. 0.018 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

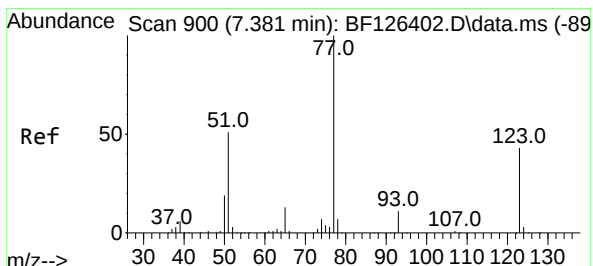
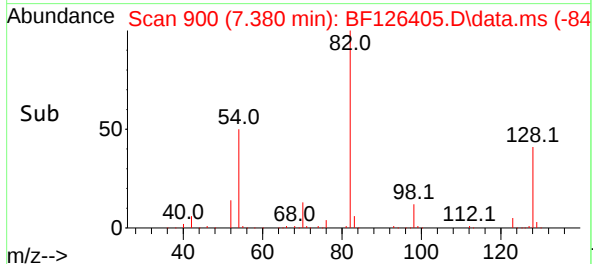
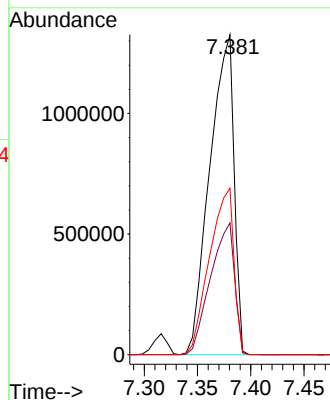
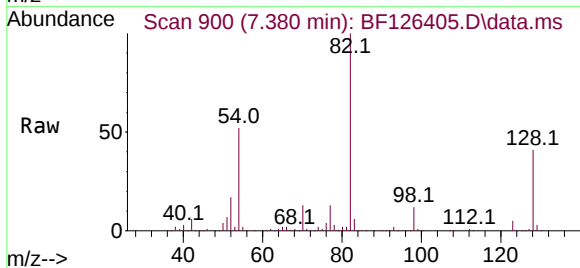
BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 2092658

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.2  | 32.7  | 49.1  |
| 54  | 52.0  | 41.7  | 62.5  |



#24

Nitrobenzene

Concen: 84.549 ng

RT: 7.398 min Scan# 903

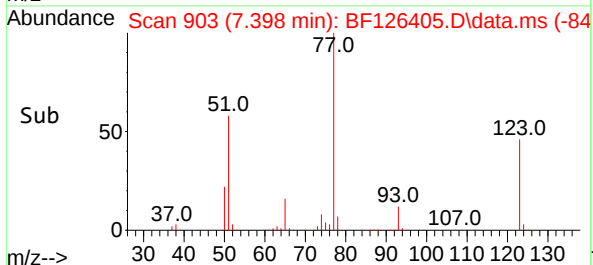
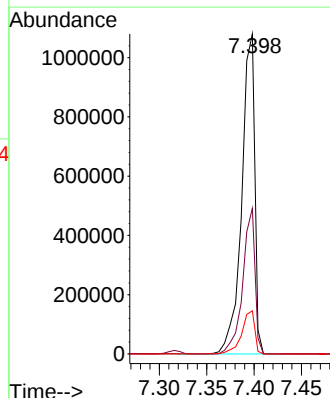
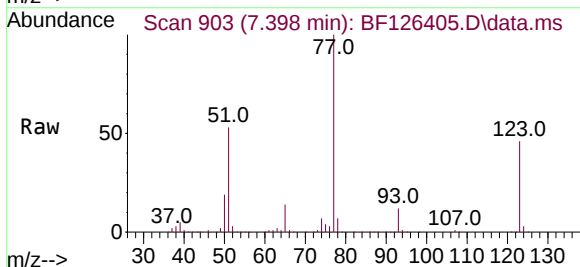
Delta R.T. 0.018 min

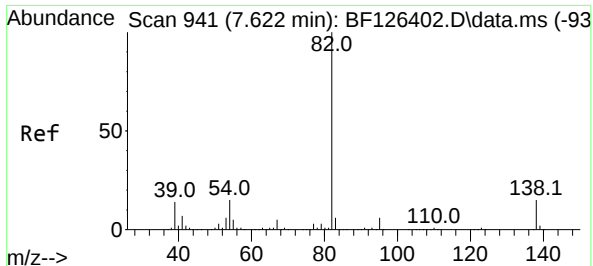
Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Tgt Ion: 77 Resp: 1031211

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.5  | 34.6  | 52.0  |
| 65  | 13.5  | 10.6  | 15.8  |

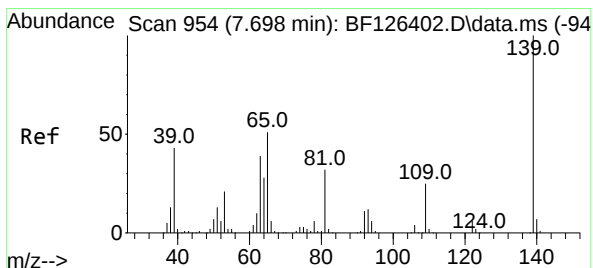
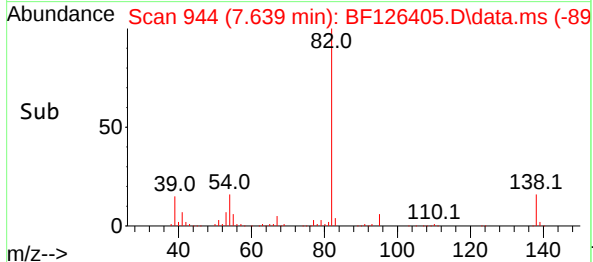
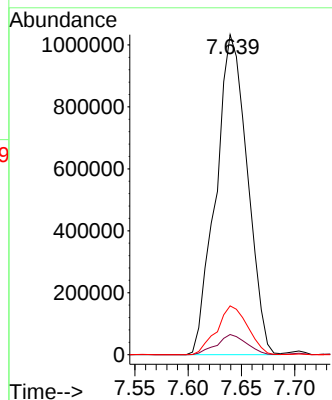
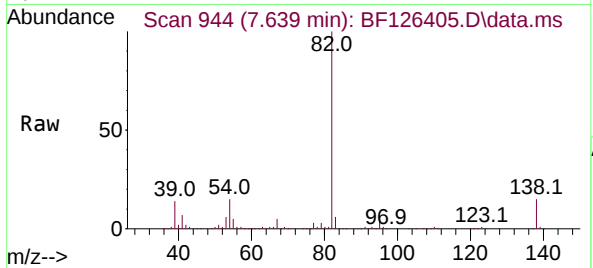




#25  
Isophorone  
Concen: 96.454 ng  
RT: 7.639 min Scan# 944  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

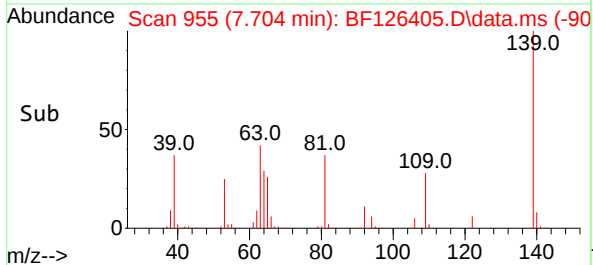
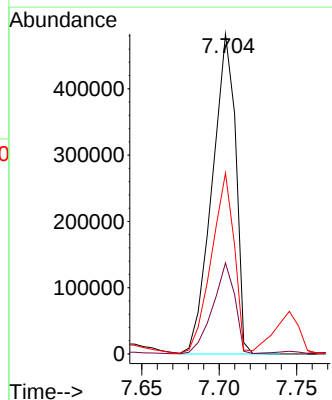
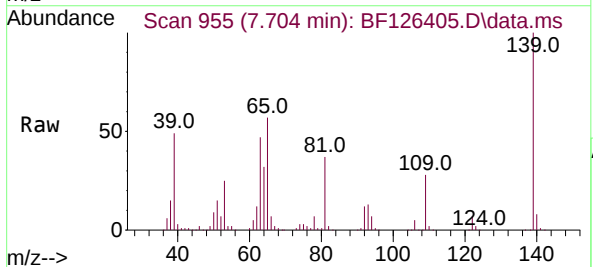
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

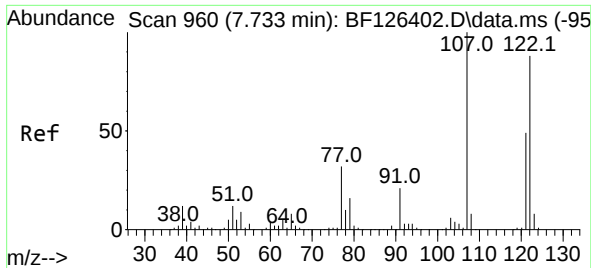
Tgt Ion: 82 Resp: 2127583  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.0 7.4  
138 15.3 12.3 18.5



#26  
2-Nitrophenol  
Concen: 95.921 ng  
RT: 7.704 min Scan# 955  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:139 Resp: 509174  
Ion Ratio Lower Upper  
139 100  
109 28.4 20.0 30.0  
65 56.5 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 87.153 ng

RT: 7.745 min Scan# 90

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

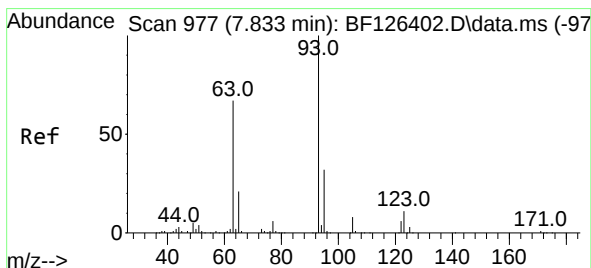
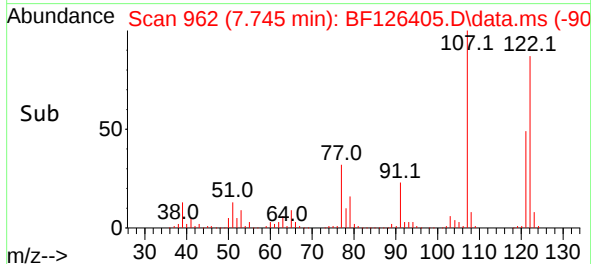
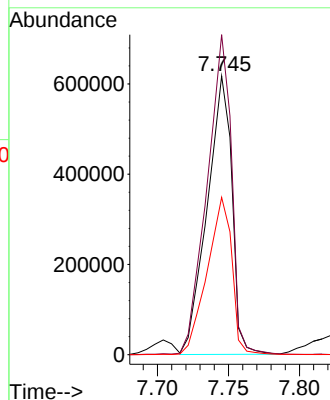
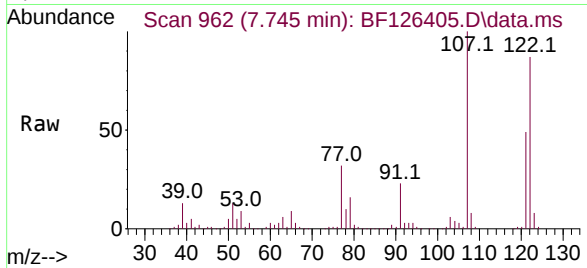
Tgt Ion:122 Resp: 746218

Ion Ratio Lower Upper

122 100

107 114.8 91.2 136.8

121 56.4 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 86.102 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

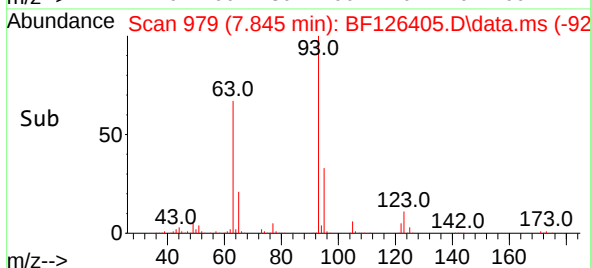
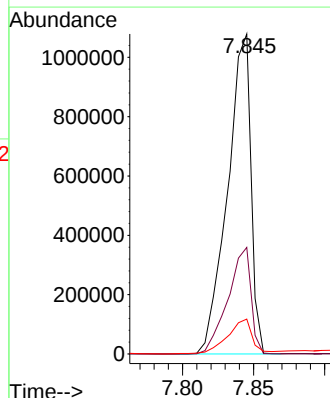
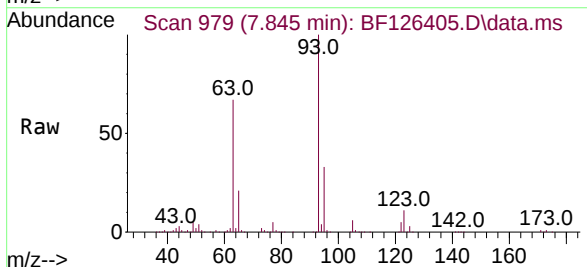
Tgt Ion: 93 Resp: 1235656

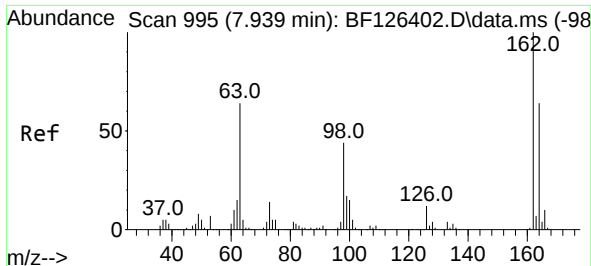
Ion Ratio Lower Upper

93 100

95 33.3 25.4 38.2

123 10.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 86.611 ng

RT: 7.951 min Scan# 995

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

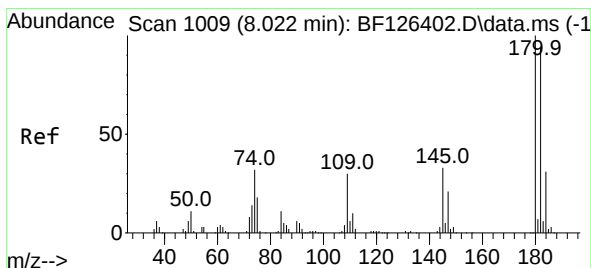
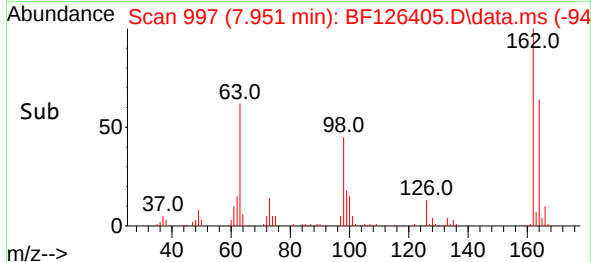
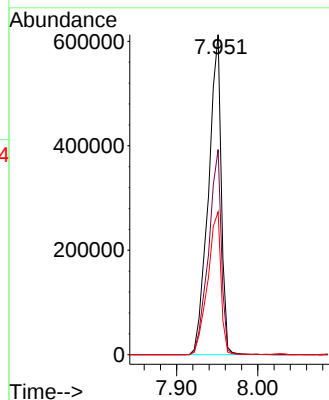
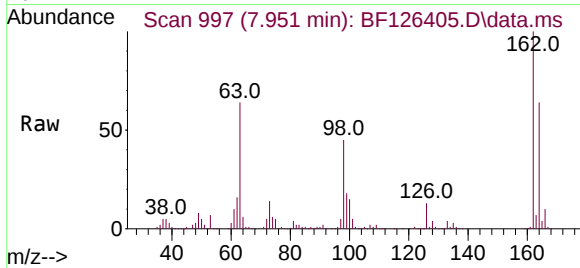
Tgt Ion:162 Resp: 671556

Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

98 44.6 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 82.640 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

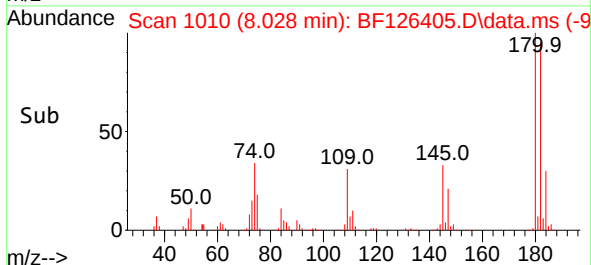
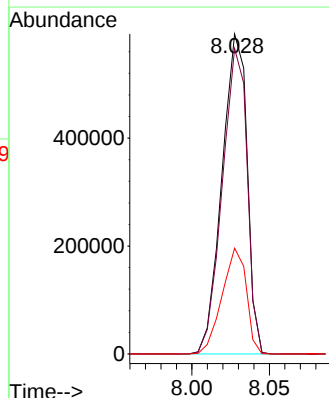
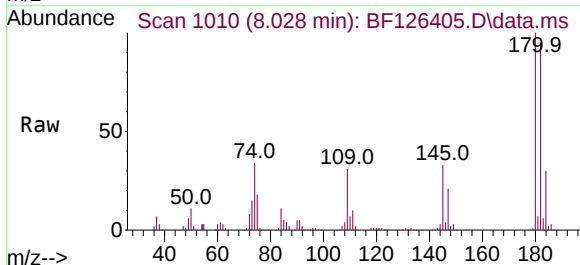
Tgt Ion:180 Resp: 667222

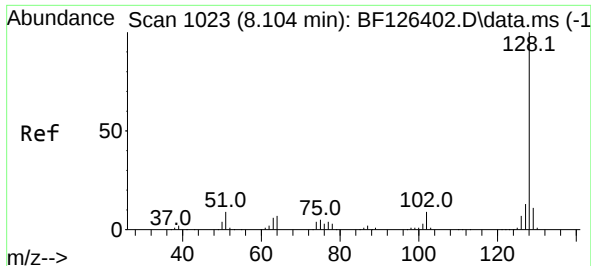
Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 33.1 26.2 39.2

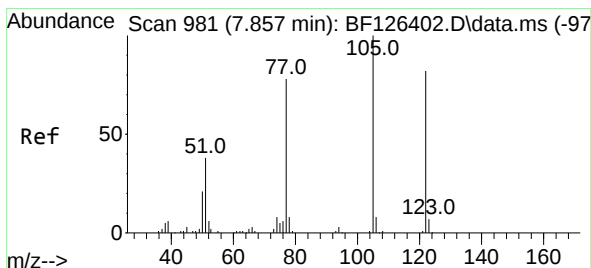
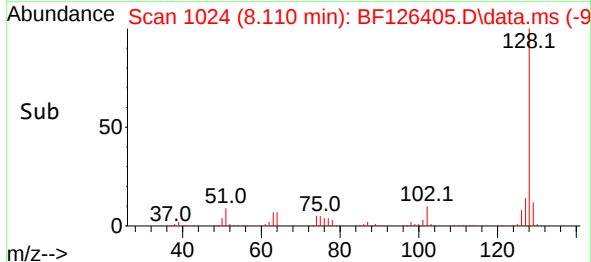
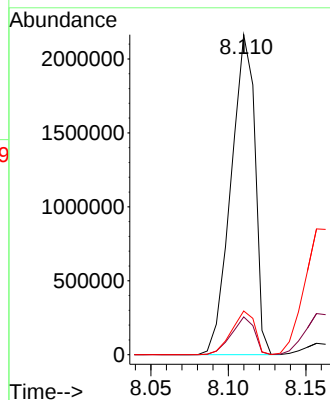
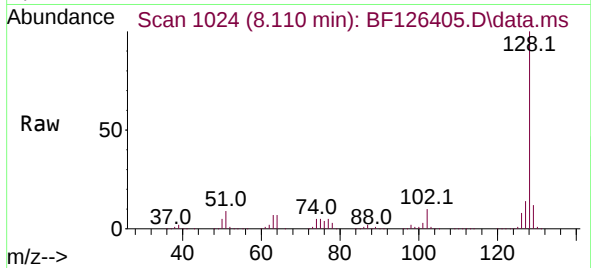




#31  
Naphthalene  
Concen: 78.461 ng  
RT: 8.110 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

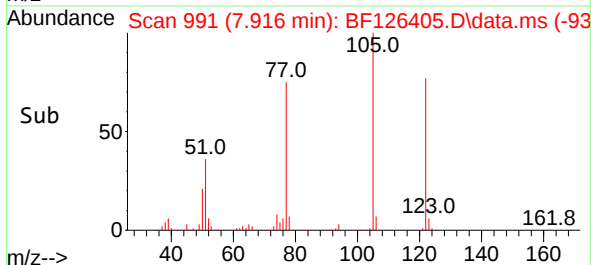
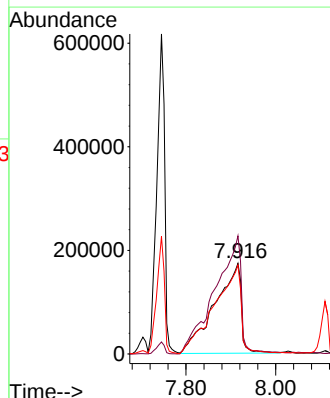
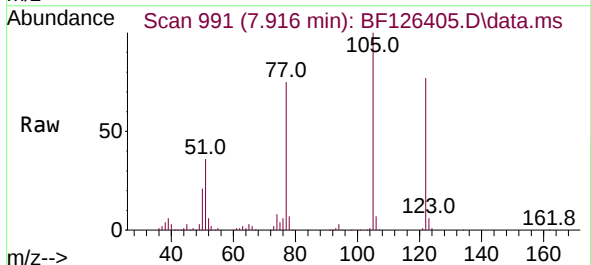
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

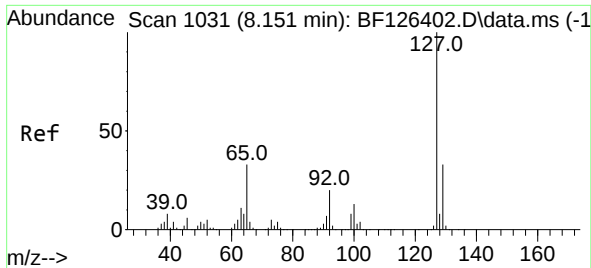
Tgt Ion:128 Resp: 2330175  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.6 13.0  
127 13.7 10.3 15.5



#32  
Benzoic acid  
Concen: 155.126 ng  
RT: 7.916 min Scan# 991  
Delta R.T. 0.059 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:122 Resp: 712014  
Ion Ratio Lower Upper  
122 100  
105 130.2 101.0 141.0  
77 98.1 74.5 114.5



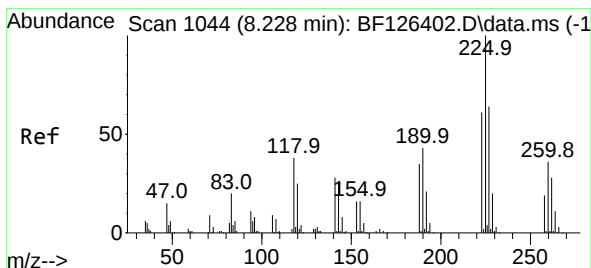
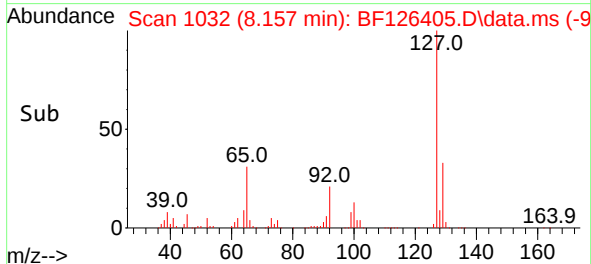
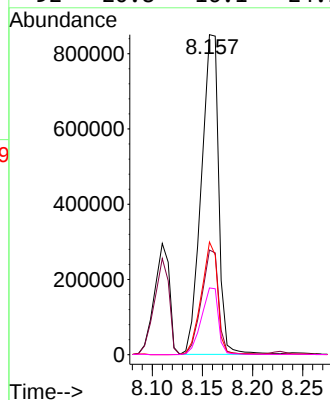
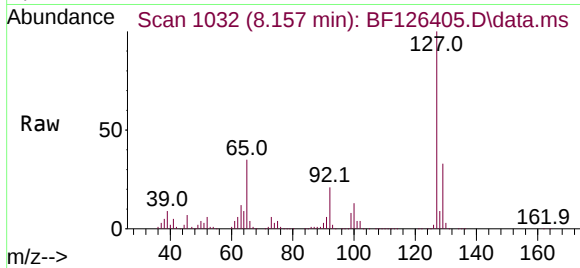


#33  
4-Chloroaniline  
Concen: 83.134 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:127 Resp: 1028299

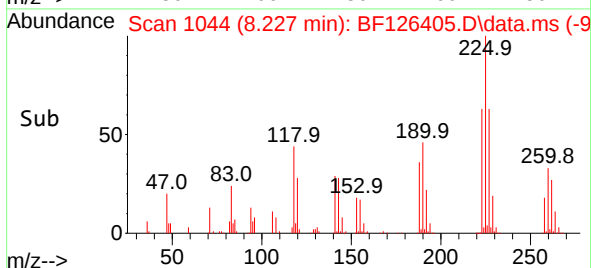
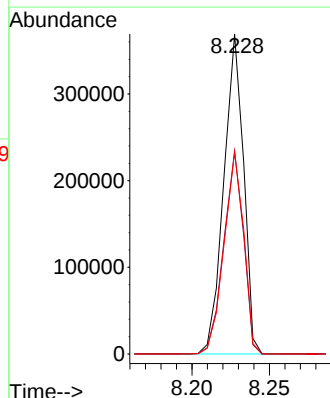
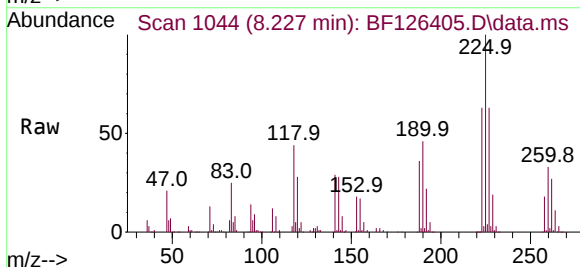
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.7  | 26.5  | 39.7  |
| 65  | 35.2  | 26.6  | 39.8  |
| 92  | 20.8  | 16.1  | 24.1  |

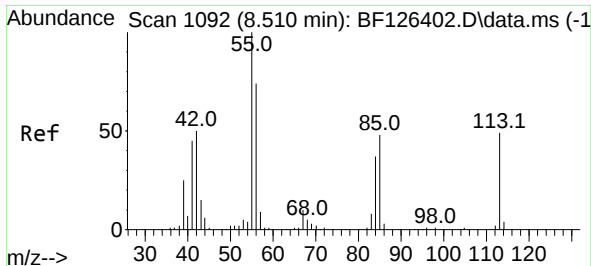


#34  
Hexachlorobutadiene  
Concen: 84.134 ng  
RT: 8.227 min Scan# 1044  
Delta R.T. -0.000 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:225 Resp: 326646

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.4  | 48.6  | 73.0  |
| 227 | 63.0  | 51.4  | 77.0  |

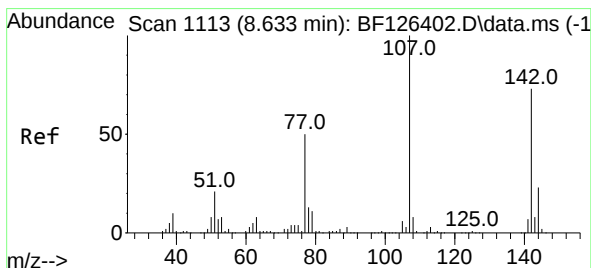
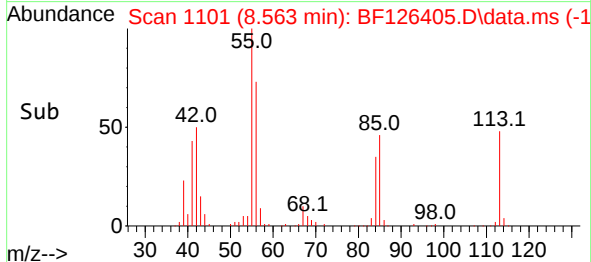
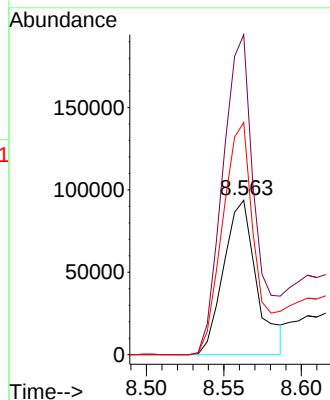
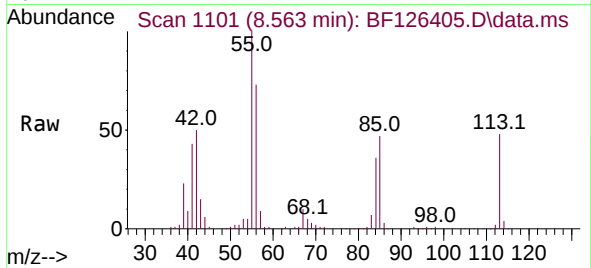




#35  
Caprolactam  
Concen: 70.870 ng  
RT: 8.563 min Scan# 1110  
Delta R.T. 0.053 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

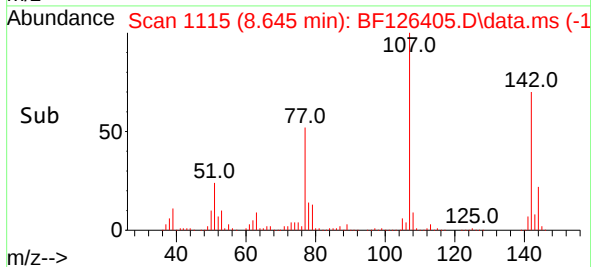
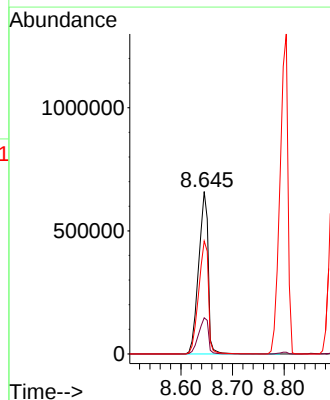
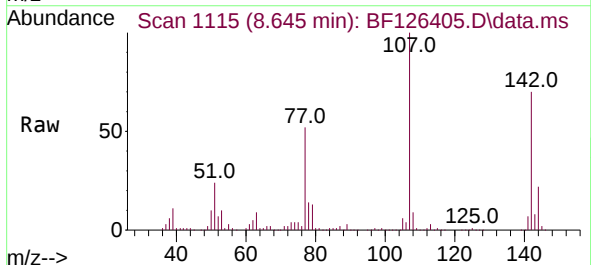
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

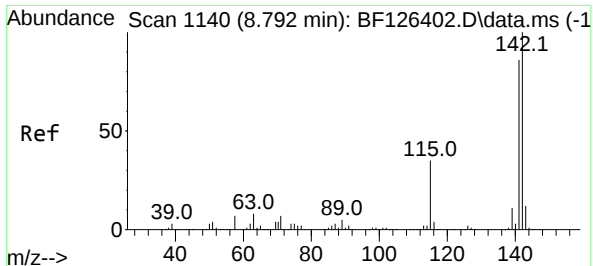
Tgt Ion:113 Resp: 139295  
Ion Ratio Lower Upper  
113 100  
55 207.2 183.9 223.9  
56 150.3 129.9 169.9



#36  
4-Chloro-3-methylphenol  
Concen: 88.460 ng  
RT: 8.645 min Scan# 1115  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:107 Resp: 839406  
Ion Ratio Lower Upper  
107 100  
144 22.2 18.5 27.7  
142 69.6 58.1 87.1





#37

2-Methylnaphthalene

Concen: 79.311 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

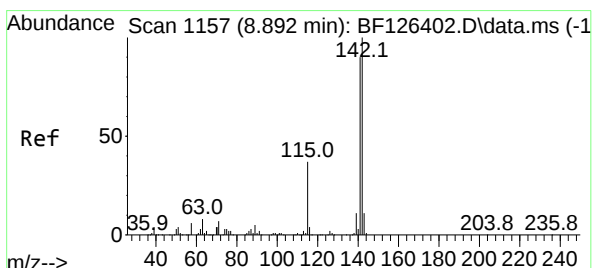
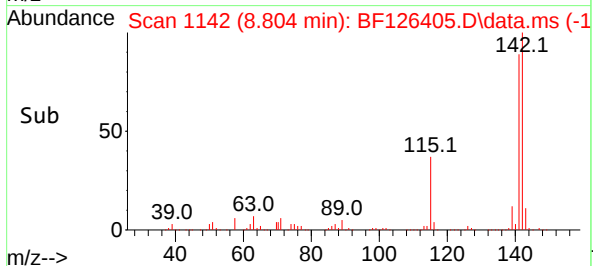
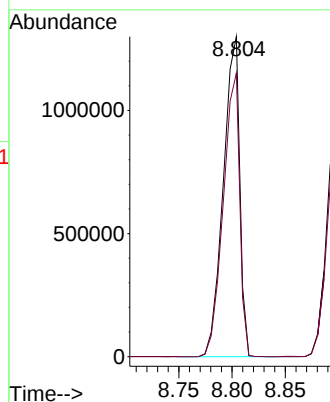
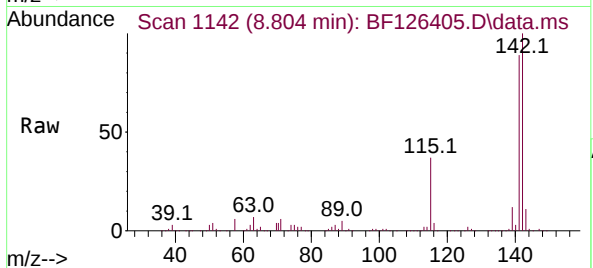
SSTDICC080

Tgt Ion:142 Resp: 1389660

Ion Ratio Lower Upper

142 100

141 88.6 68.6 102.8



#38

1-Methylnaphthalene

Concen: 78.991 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF126405.D

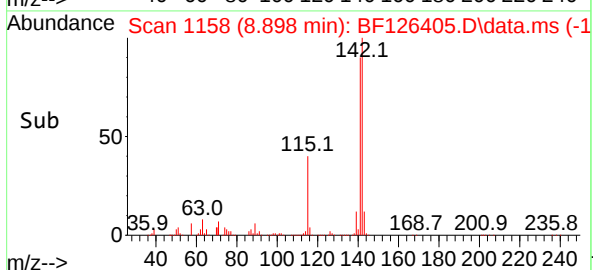
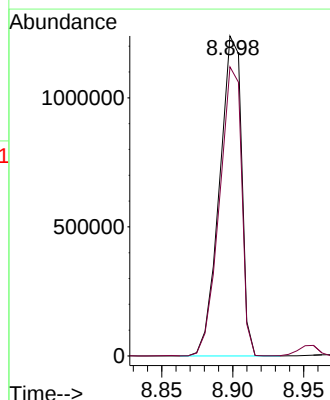
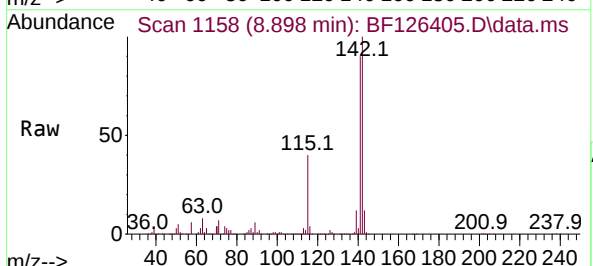
Acq: 29 Dec 2021 21:33

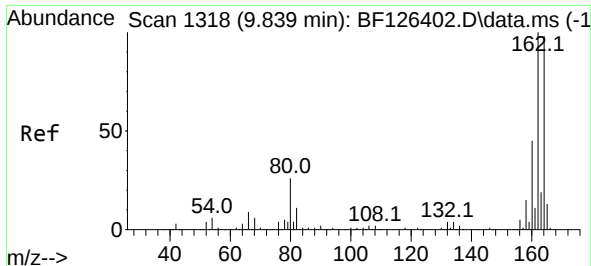
Tgt Ion:142 Resp: 1335823

Ion Ratio Lower Upper

142 100

141 90.3 72.1 108.1

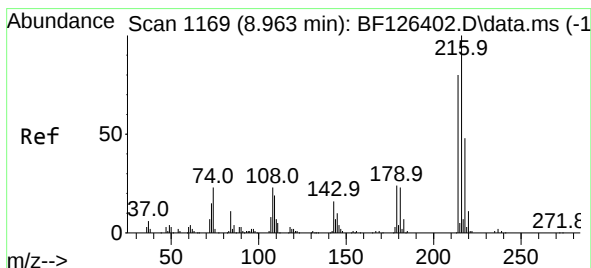
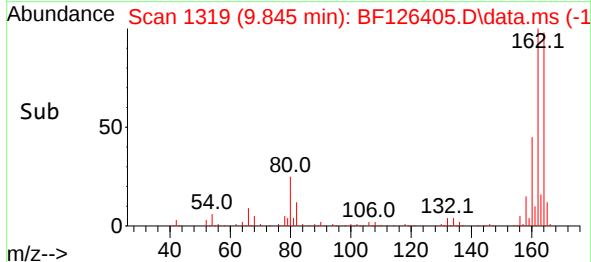
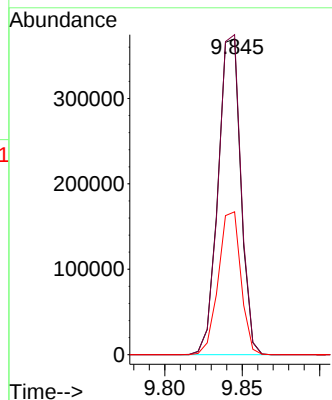
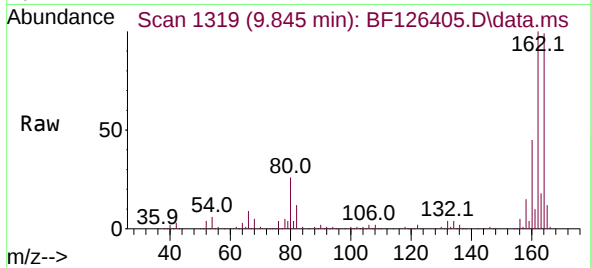




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.845 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

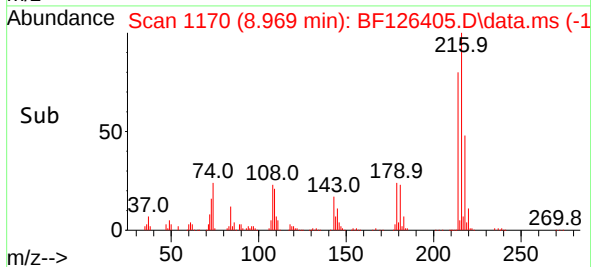
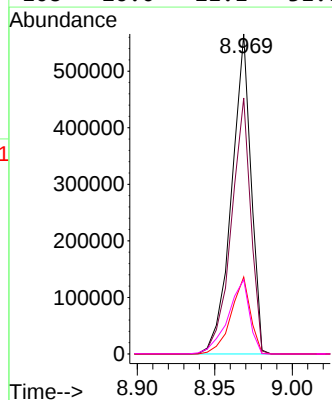
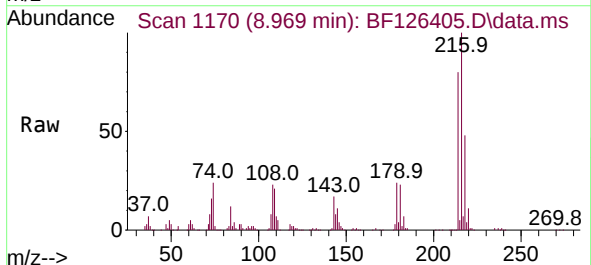
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

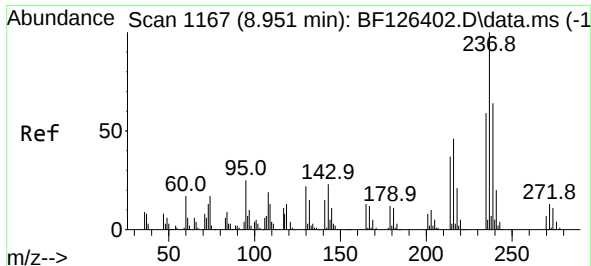
Tgt Ion:164 Resp: 378599  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.4 122.0  
160 45.3 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 78.486 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:216 Resp: 491871  
Ion Ratio Lower Upper  
216 100  
214 79.8 64.6 96.8  
179 23.9 19.5 29.3  
108 26.0 21.1 31.7

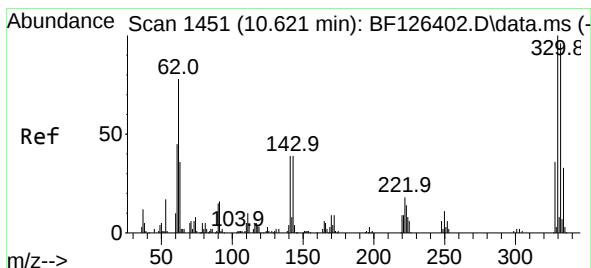
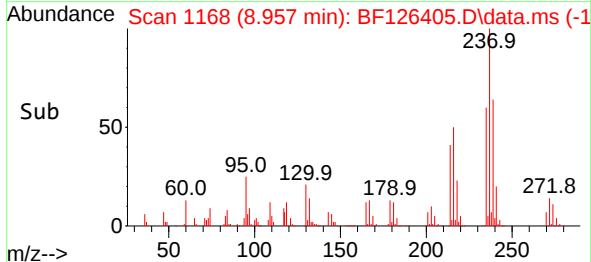
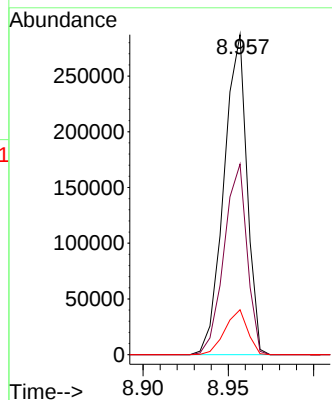
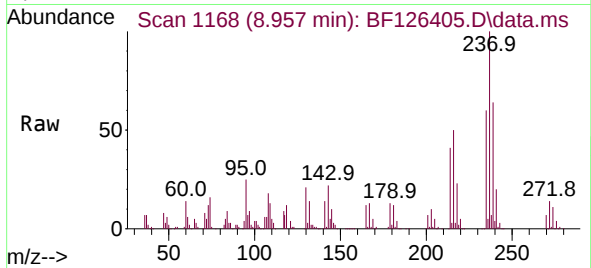




#41  
Hexachlorocyclopentadiene  
Concen: 115.978 ng  
RT: 8.957 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

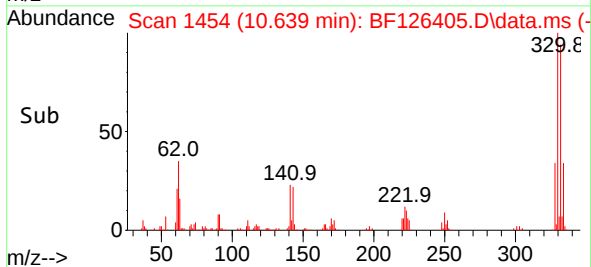
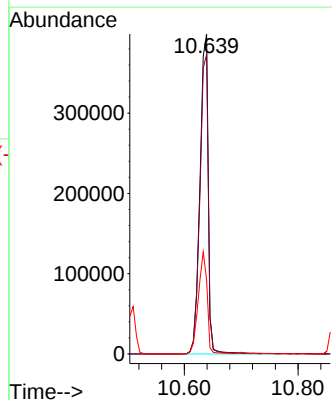
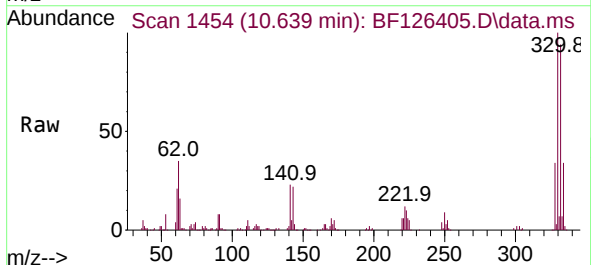
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

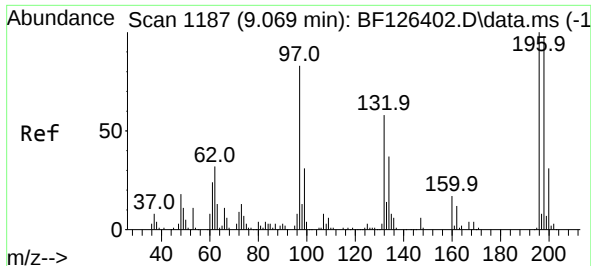
Tgt Ion:237 Resp: 269874  
Ion Ratio Lower Upper  
237 100  
235 59.5 38.9 78.9  
272 14.1 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 186.751 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:330 Resp: 408570  
Ion Ratio Lower Upper  
330 100  
332 94.8 76.0 114.0  
141 33.8 30.1 45.1

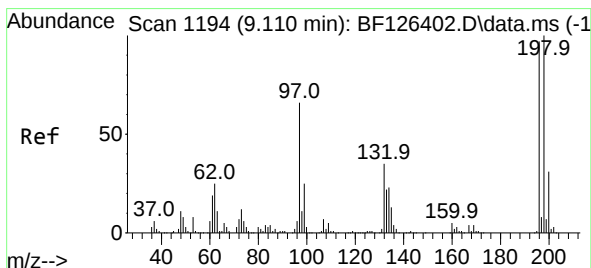
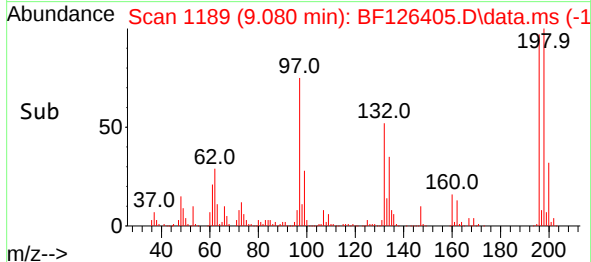
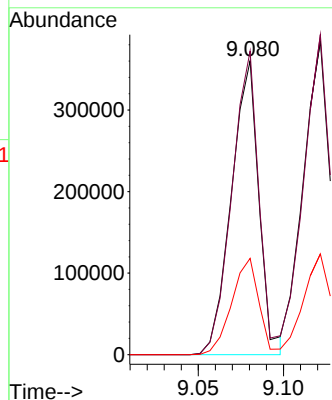
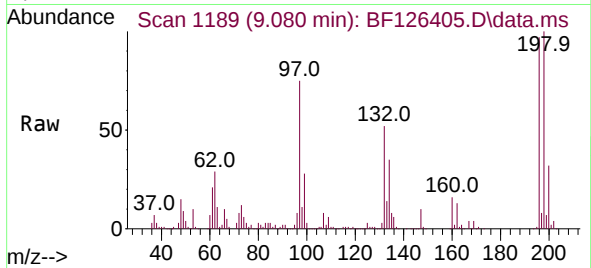




#43  
2,4,6-Trichlorophenol  
Concen: 88.901 ng  
RT: 9.080 min Scan# 1189  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

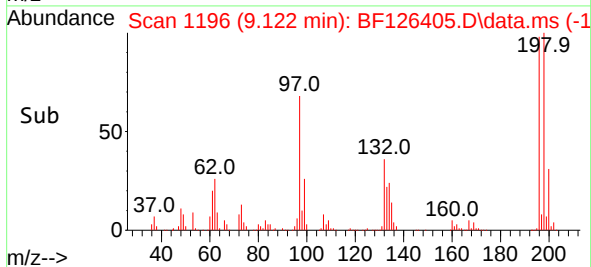
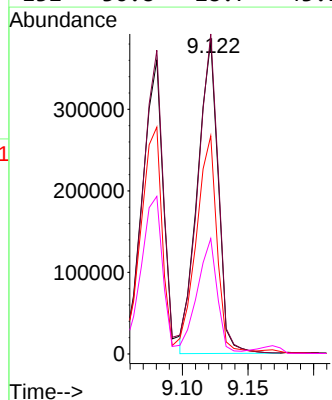
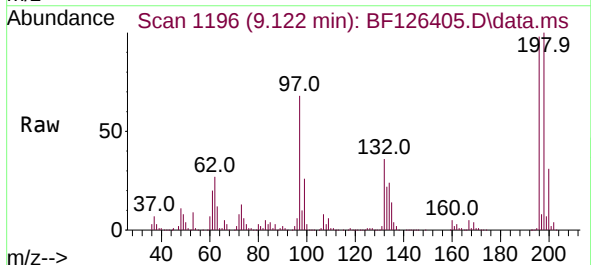
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

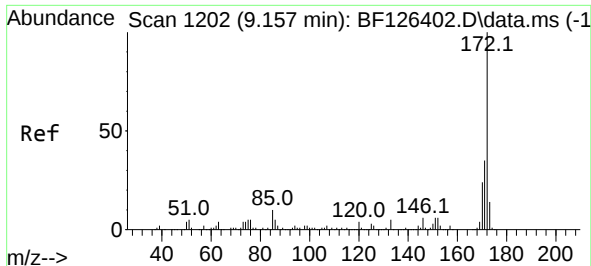
Tgt Ion:196 Resp: 403071  
Ion Ratio Lower Upper  
196 100  
198 103.3 78.5 117.7  
200 32.8 24.9 37.3



#44  
2,4,5-Trichlorophenol  
Concen: 85.397 ng  
RT: 9.122 min Scan# 1196  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:196 Resp: 421441  
Ion Ratio Lower Upper  
196 100  
198 102.1 82.0 123.0  
97 69.6 53.5 80.3  
132 36.8 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 145.046 ng

RT: 9.169 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

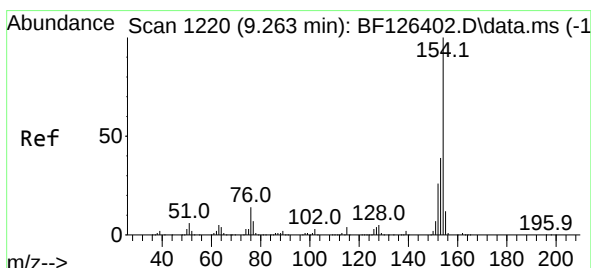
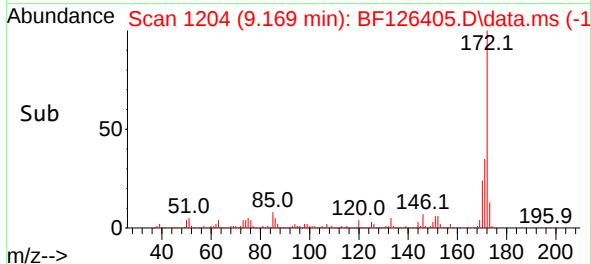
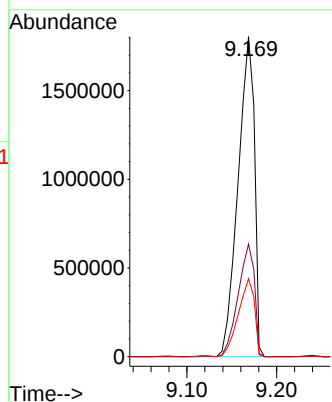
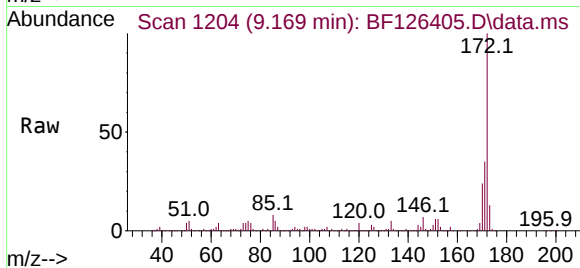
Tgt Ion:172 Resp: 2286284

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 76.983 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

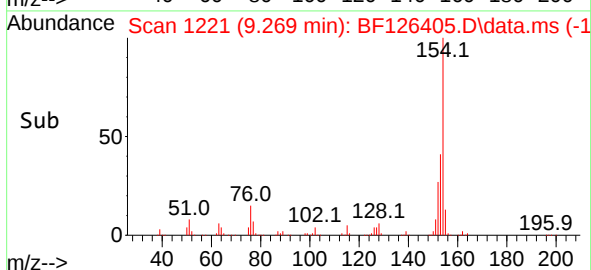
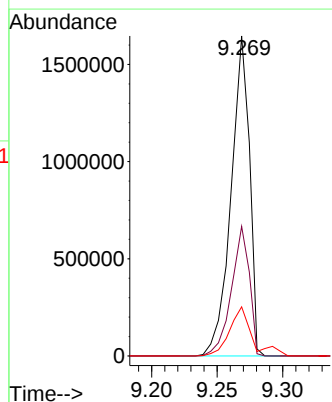
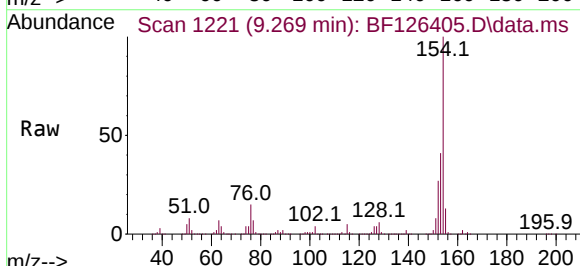
Tgt Ion:154 Resp: 1611758

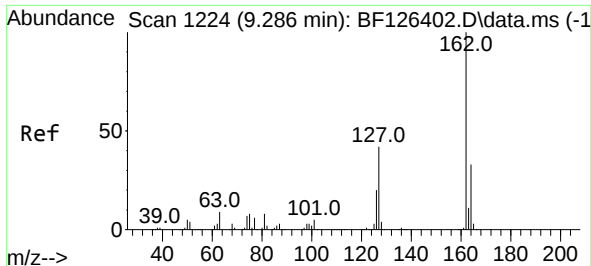
Ion Ratio Lower Upper

154 100

153 40.5 19.0 59.0

76 15.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 77.612 ng

RT: 9.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

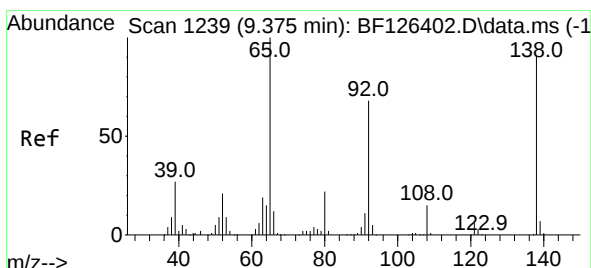
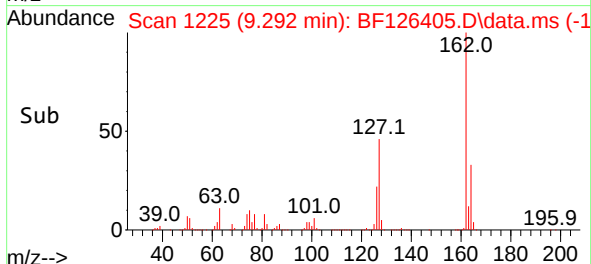
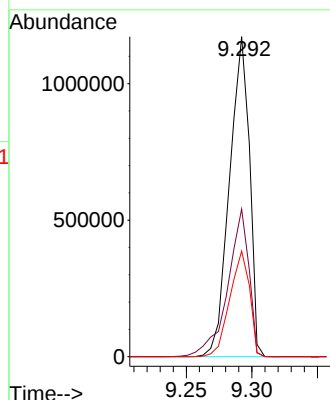
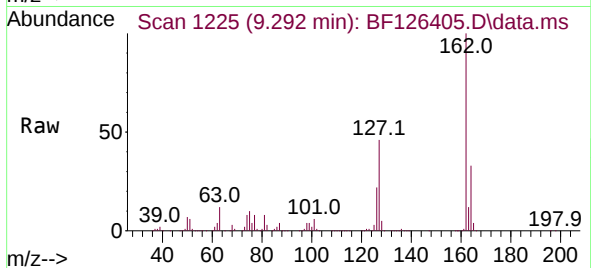
Tgt Ion:162 Resp: 1239731

Ion Ratio Lower Upper

162 100

127 46.2 33.5 50.3

164 33.0 26.2 39.4



#48

2-Nitroaniline

Concen: 93.314 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

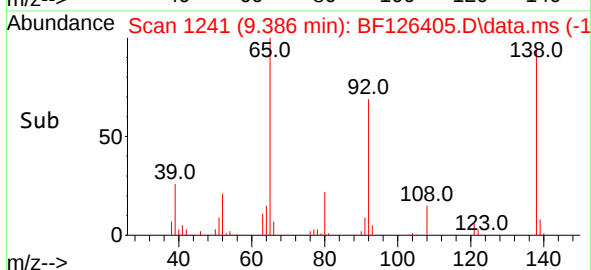
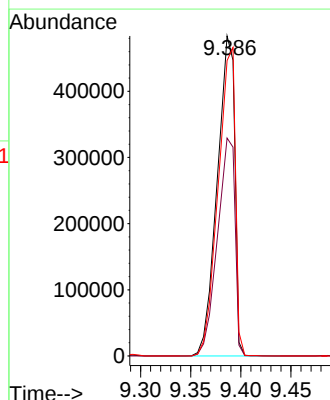
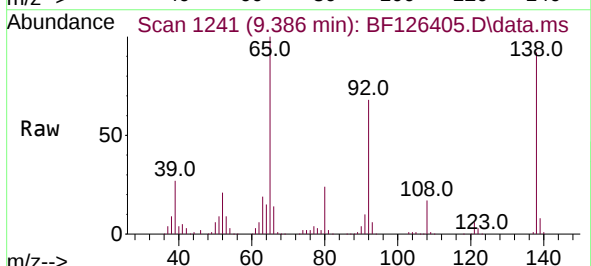
Tgt Ion: 65 Resp: 586020

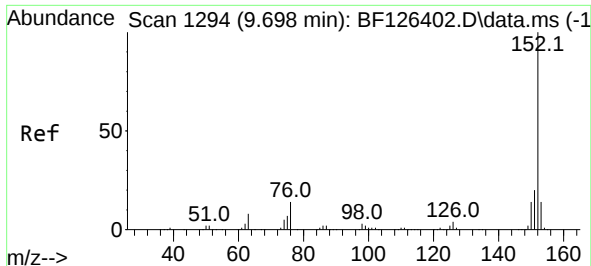
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 92.3 72.5 108.7





#49

Acenaphthylene

Concen: 75.565 ng

RT: 9.710 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

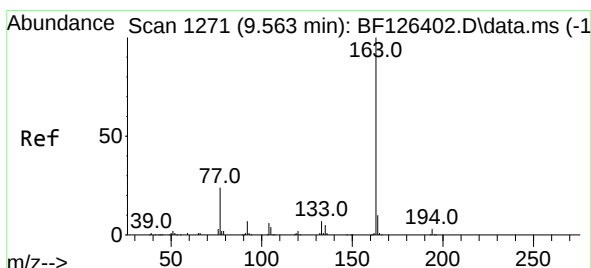
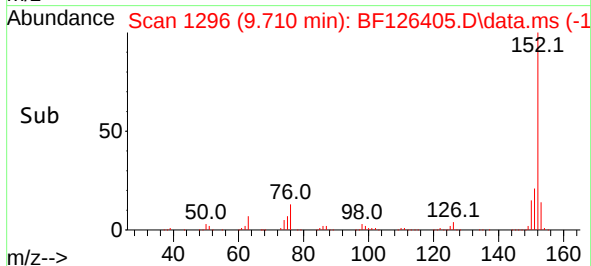
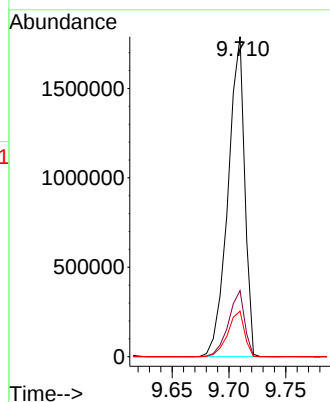
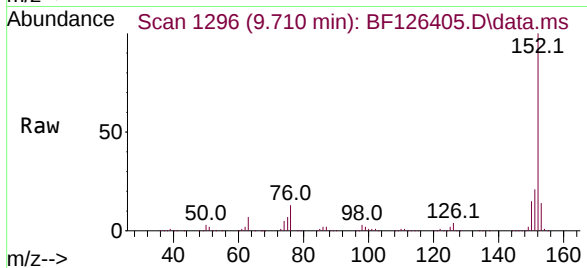
Tgt Ion:152 Resp: 1826692

Ion Ratio Lower Upper

152 100

151 20.6 15.7 23.5

153 14.2 11.4 17.0



#50

Dimethylphthalate

Concen: 84.835 ng

RT: 9.580 min Scan# 1274

Delta R.T. 0.018 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

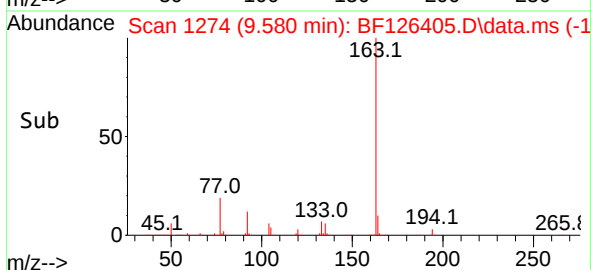
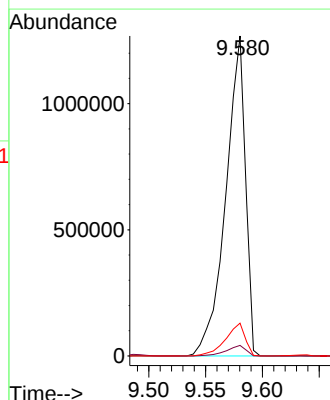
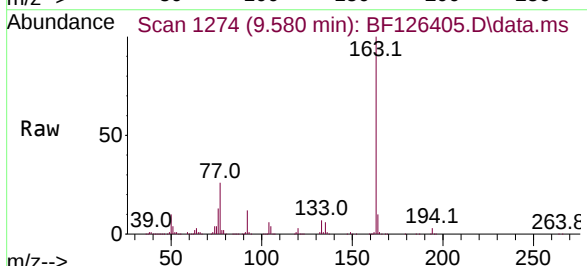
Tgt Ion:163 Resp: 1523909

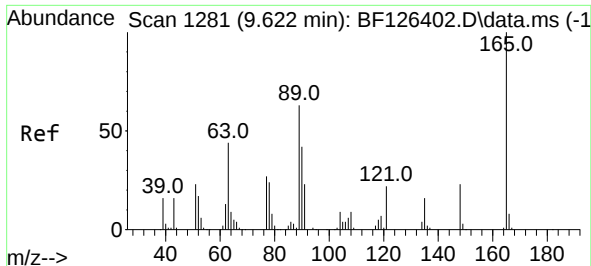
Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

164 10.3 7.8 11.8

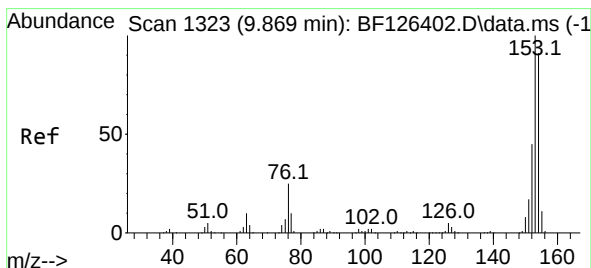
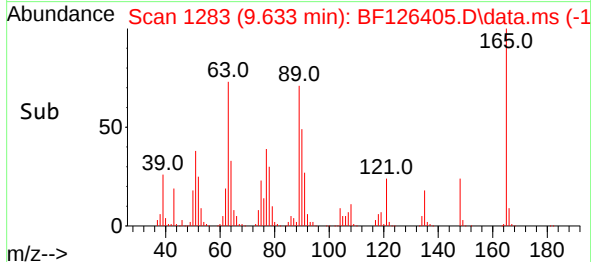
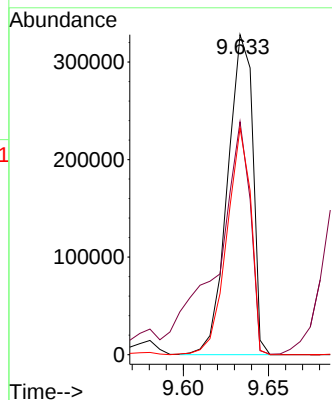
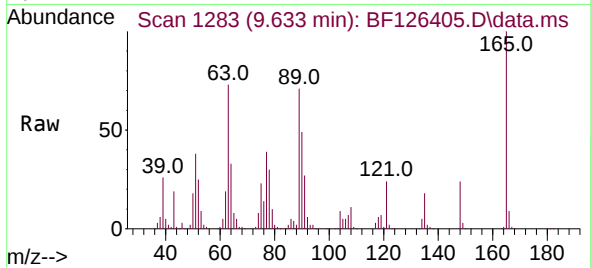




#51  
2,6-Dinitrotoluene  
Concen: 89.748 ng  
RT: 9.633 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

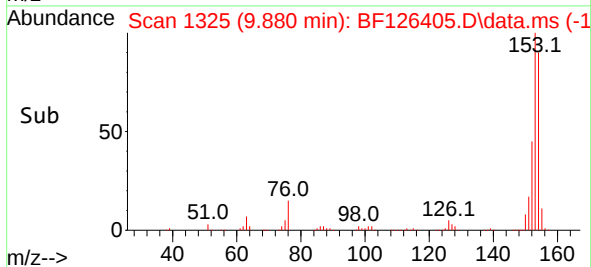
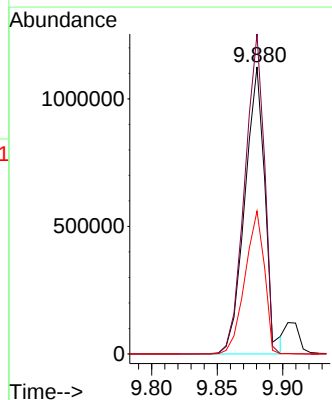
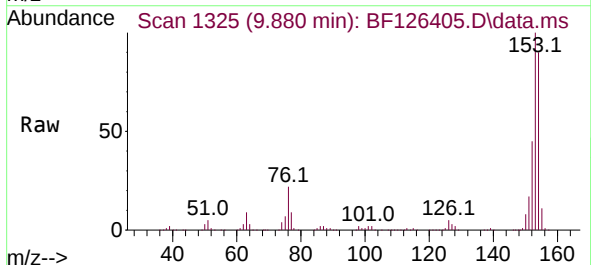
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

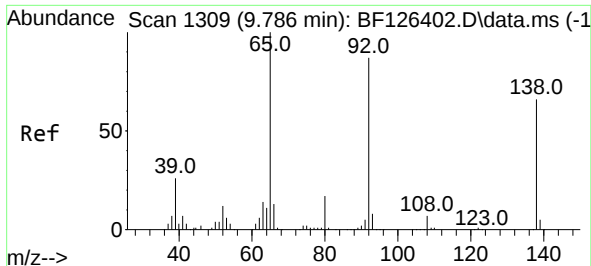
Tgt Ion:165 Resp: 338388  
Ion Ratio Lower Upper  
165 100  
63 72.8 48.4 72.6#  
89 70.8 50.5 75.7



#52  
Acenaphthene  
Concen: 75.526 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:154 Resp: 1196398  
Ion Ratio Lower Upper  
154 100  
153 111.5 87.8 131.6  
152 49.8 39.4 59.2

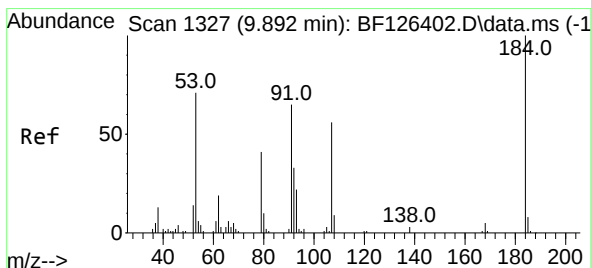
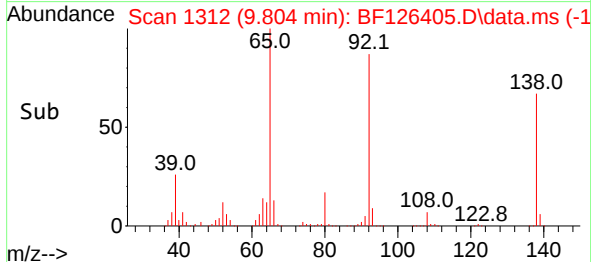
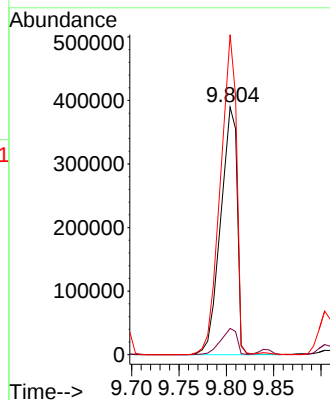
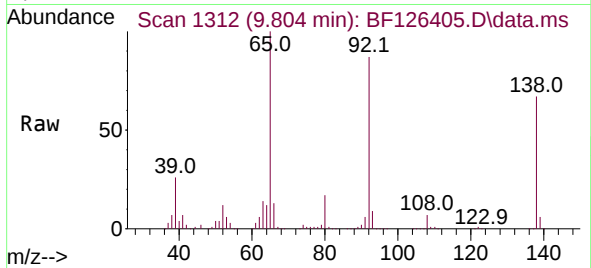




#53  
3-Nitroaniline  
Concen: 90.463 ng  
RT: 9.804 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

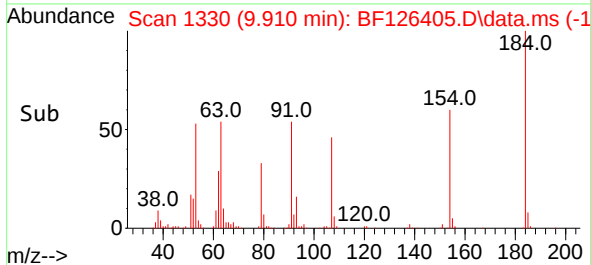
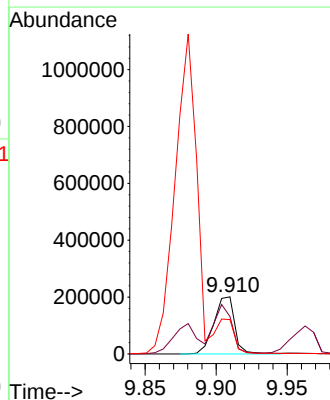
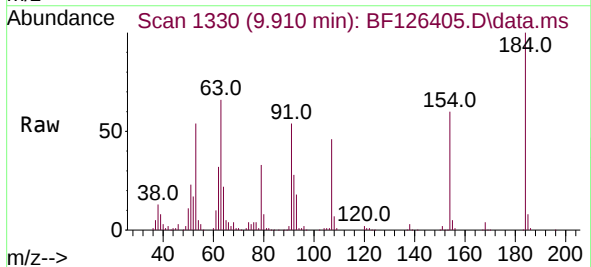
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

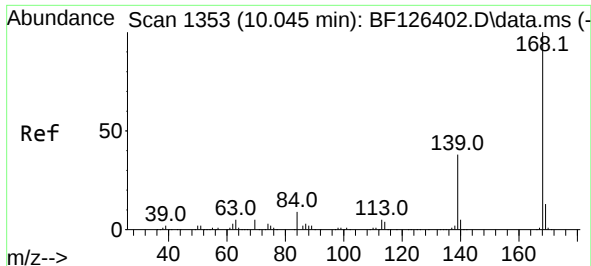
Tgt Ion:138 Resp: 473980  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.6 13.0  
92 129.3 105.0 157.6



#54  
2,4-Dinitrophenol  
Concen: 137.253 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:184 Resp: 204963  
Ion Ratio Lower Upper  
184 100  
63 65.6 70.4 105.6#  
154 60.3 49.7 74.5

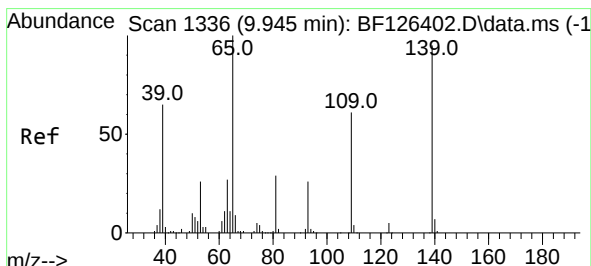
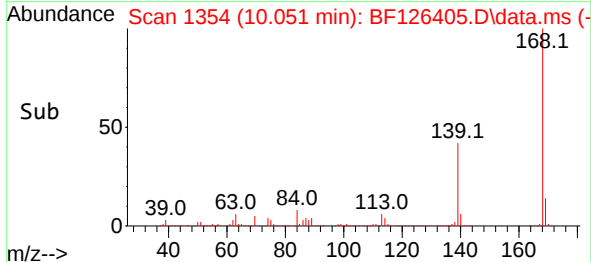
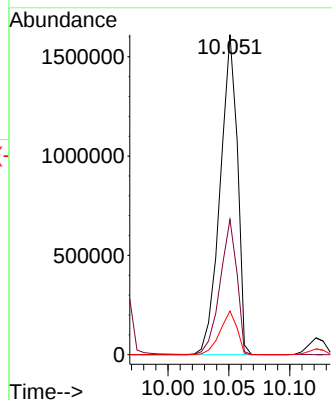
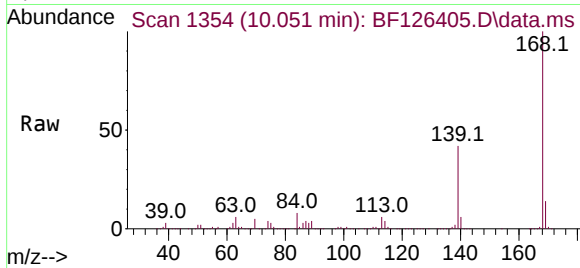




#55  
Dibenzofuran  
Concen: 74.872 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

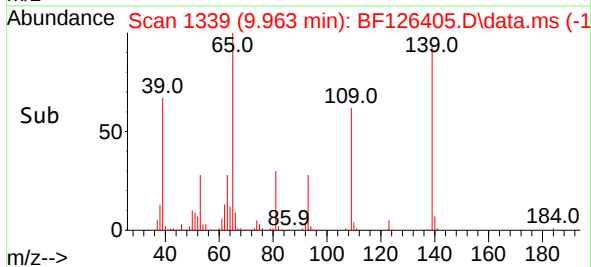
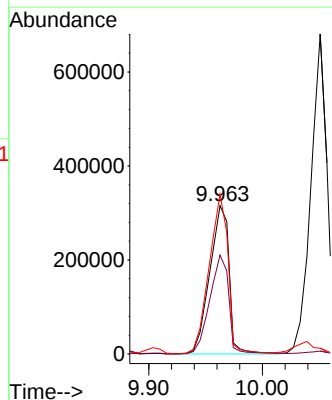
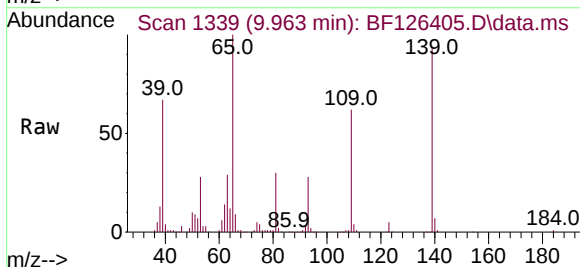
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

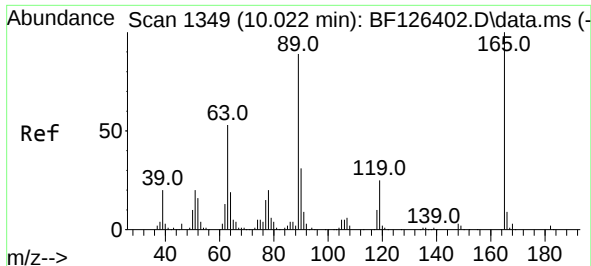
Tgt Ion:168 Resp: 1590121  
Ion Ratio Lower Upper  
168 100  
139 42.3 30.6 46.0  
169 13.7 10.0 15.0



#56  
4-Nitrophenol  
Concen: 102.102 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:139 Resp: 374094  
Ion Ratio Lower Upper  
139 100  
109 66.7 44.1 84.1  
65 107.7 85.5 125.5

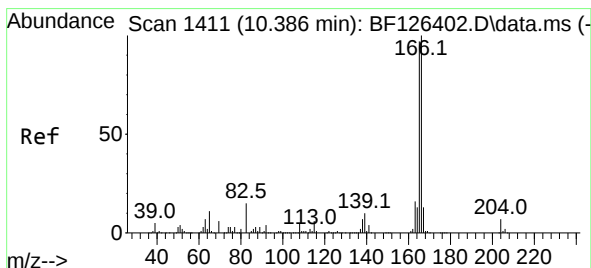
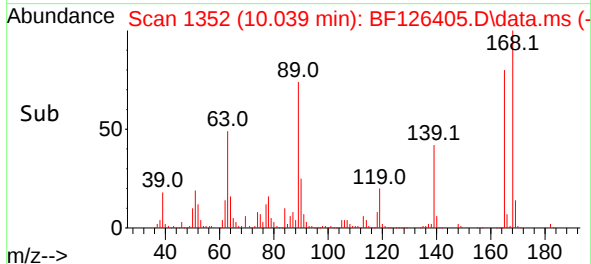
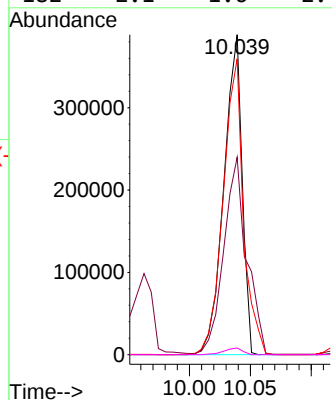
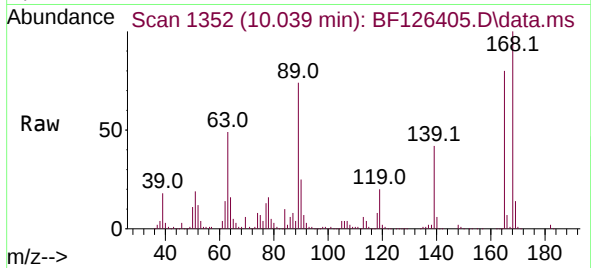




#57  
2,4-Dinitrotoluene  
Concen: 84.262 ng  
RT: 10.039 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

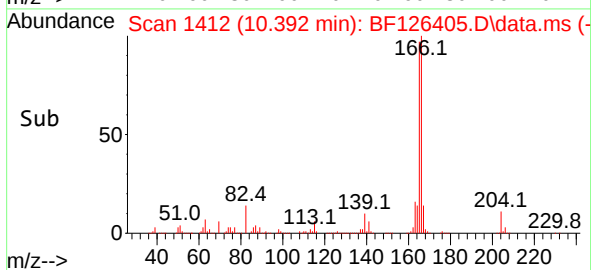
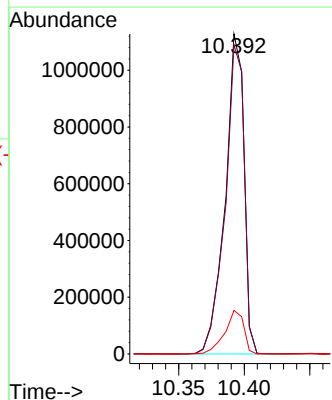
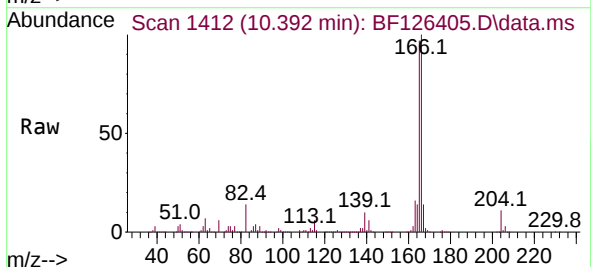
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

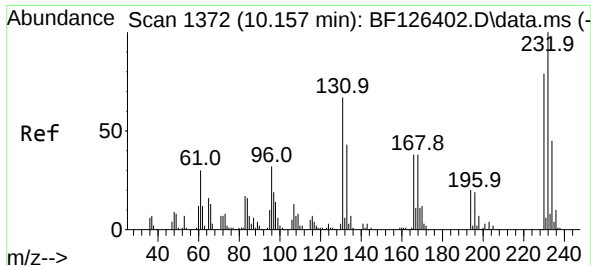
Tgt Ion:165 Resp: 405264  
Ion Ratio Lower Upper  
165 100  
63 61.7 43.0 64.6  
89 92.5 71.0 106.4  
182 2.1 1.6 2.4



#58  
Fluorene  
Concen: 73.555 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:166 Resp: 1124285  
Ion Ratio Lower Upper  
166 100  
165 96.6 77.7 116.5  
167 13.6 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 86.995 ng

RT: 10.169 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 303793

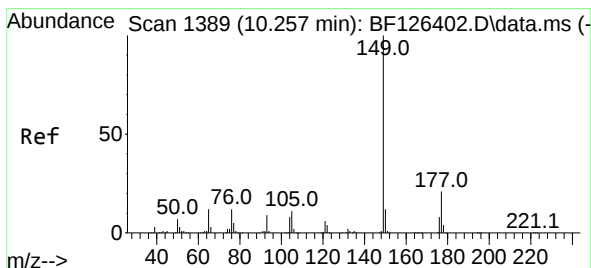
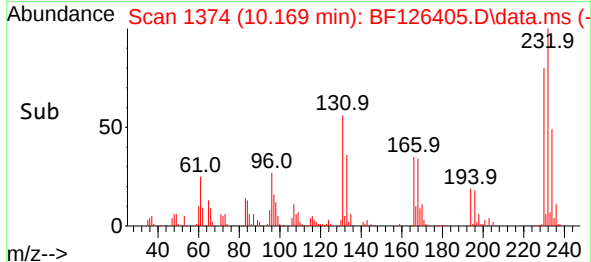
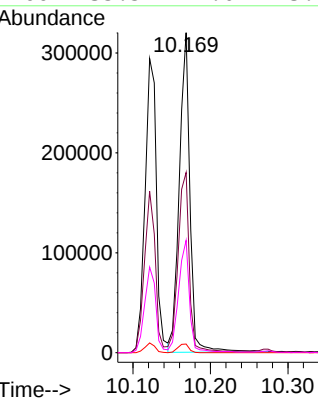
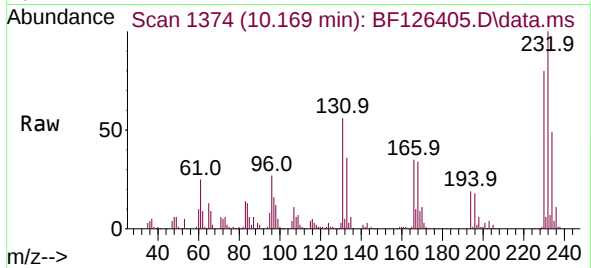
Ion Ratio Lower Upper

232 100

131 59.1 50.0 75.0

130 2.8 2.2 3.2

166 35.5 29.0 43.4



#60

Diethylphthalate

Concen: 80.706 ng

RT: 10.274 min Scan# 1392

Delta R.T. 0.018 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

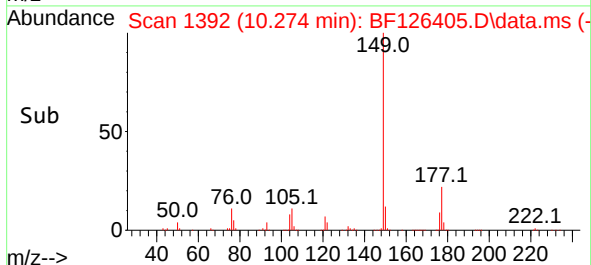
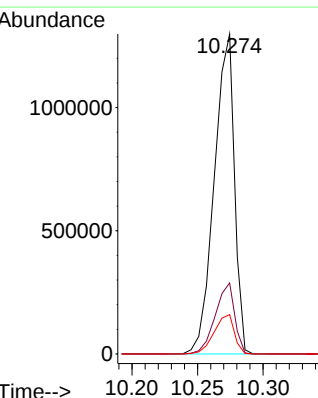
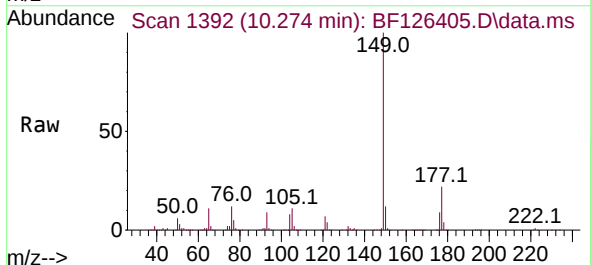
Tgt Ion:149 Resp: 1386417

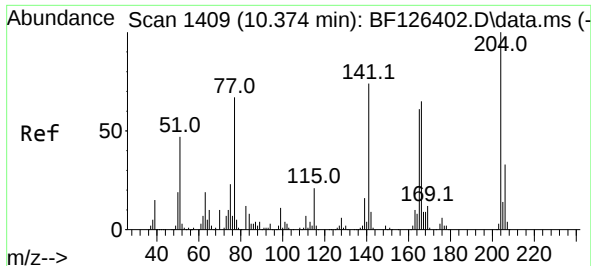
Ion Ratio Lower Upper

149 100

177 22.2 16.7 25.1

150 12.3 9.8 14.8

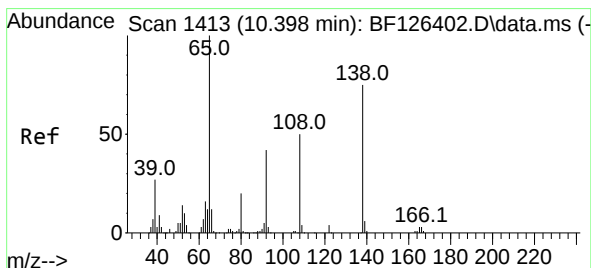
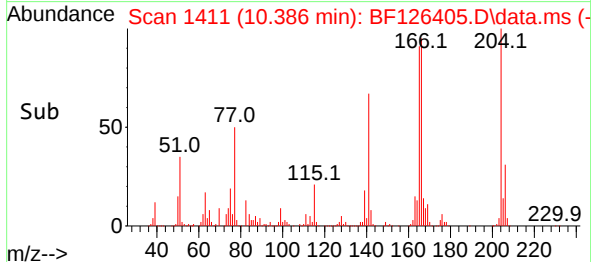
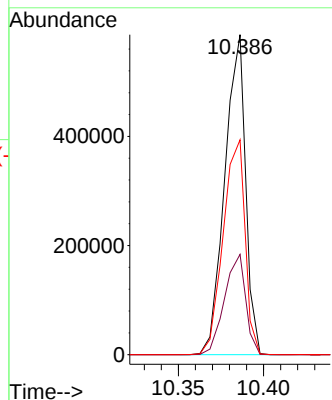
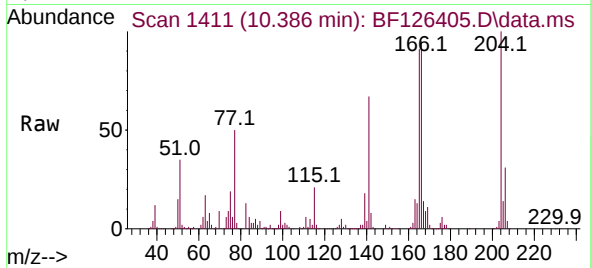




#61  
4-Chlorophenyl-phenylether  
Concen: 74.497 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

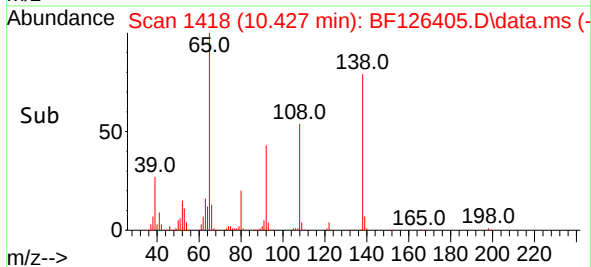
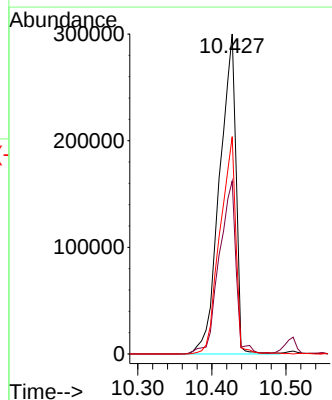
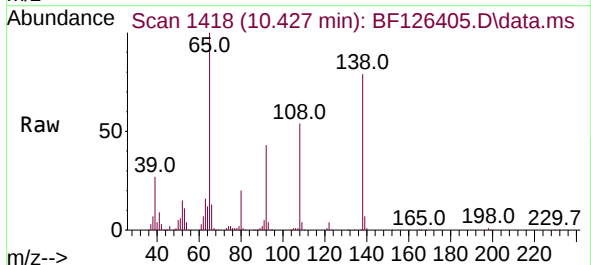
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

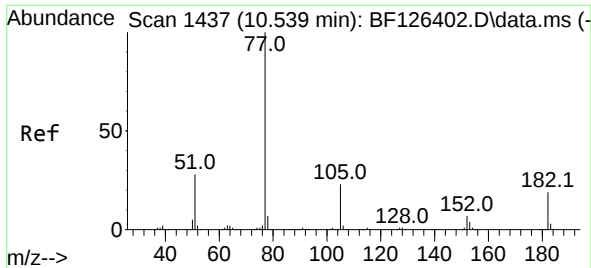
Tgt Ion:204 Resp: 498297  
Ion Ratio Lower Upper  
204 100  
206 31.4 26.3 39.5  
141 67.1 59.0 88.6



#62  
4-Nitroaniline  
Concen: 93.155 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. 0.029 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:138 Resp: 460009  
Ion Ratio Lower Upper  
138 100  
92 54.1 36.2 76.2  
108 67.9 46.7 86.7



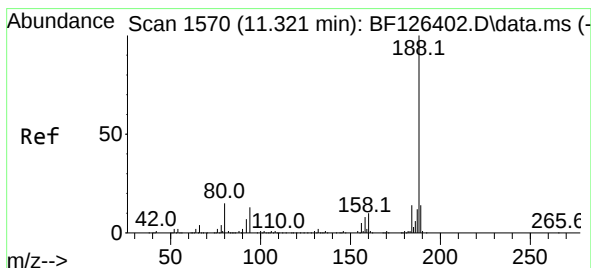
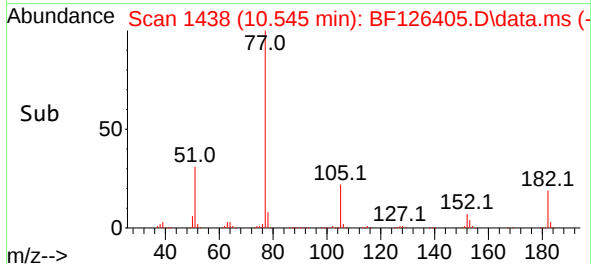
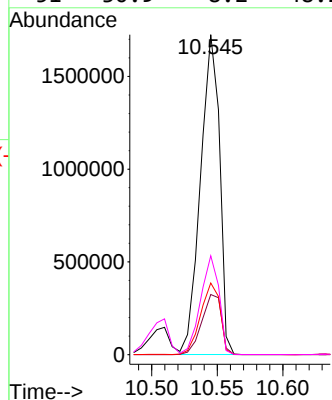
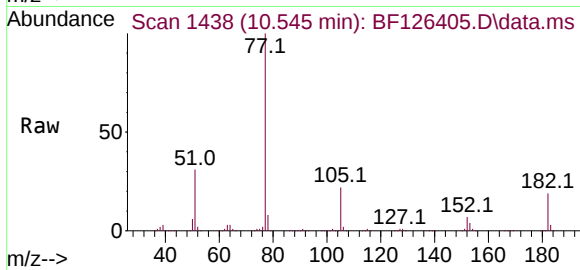


#63  
Azobenzene  
Concen: 79.258 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 77 Resp: 1746166

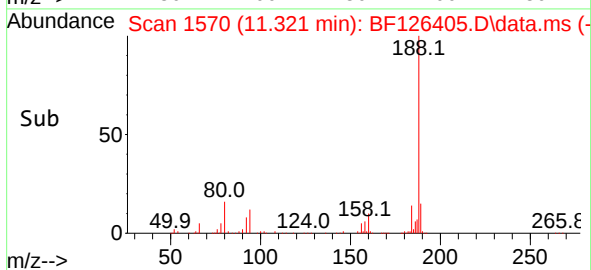
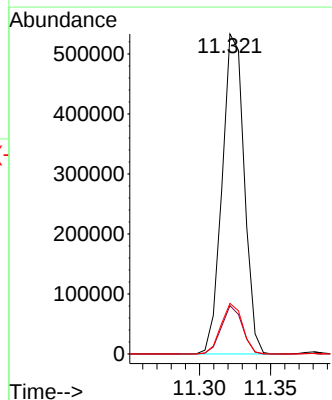
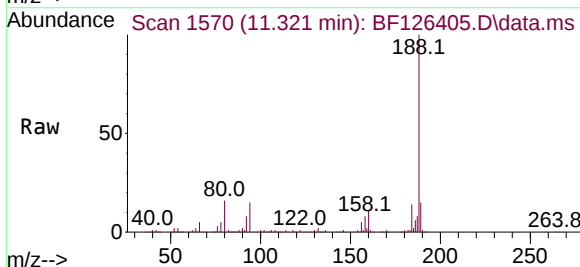
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 18.8  | 0.0   | 39.0  |
| 105 | 22.4  | 3.2   | 43.2  |
| 51  | 30.9  | 8.2   | 48.2  |

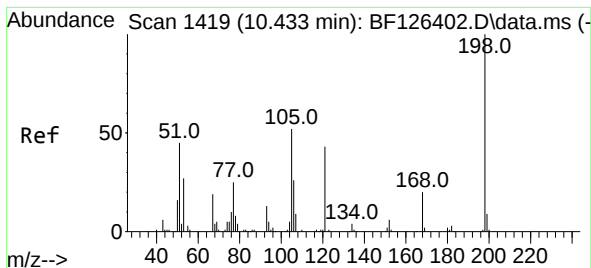


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.321 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion: 188 Resp: 574916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 15.1  | 10.1  | 15.1  |
| 80  | 15.8  | 11.8  | 17.6  |

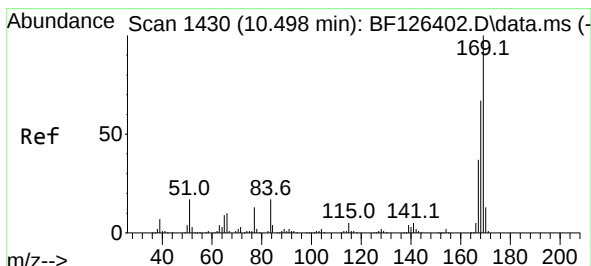
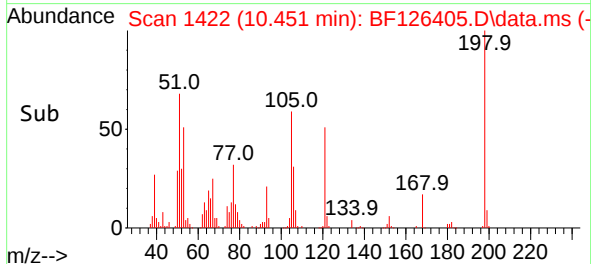
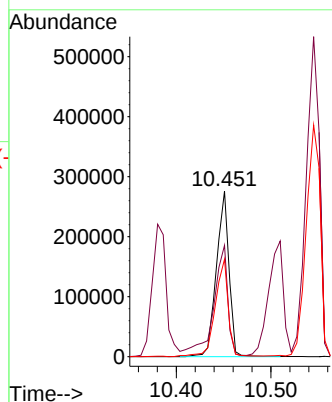
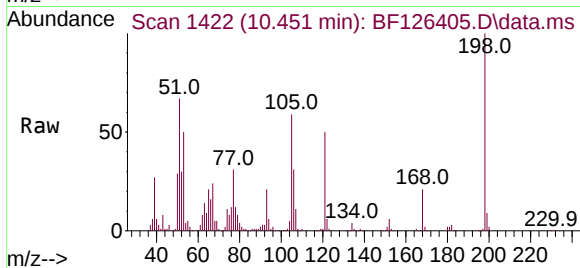




#65  
4,6-Dinitro-2-methylphenol  
Concen: 117.326 ng  
RT: 10.451 min Scan# 1419  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

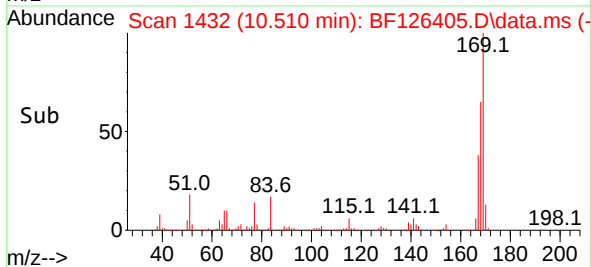
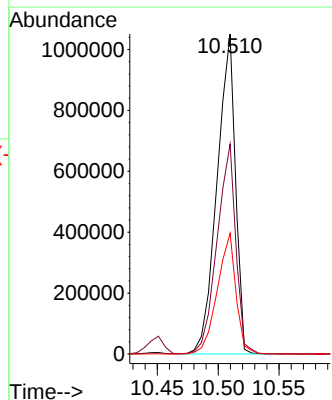
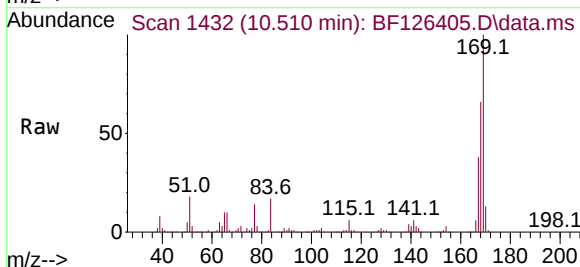
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

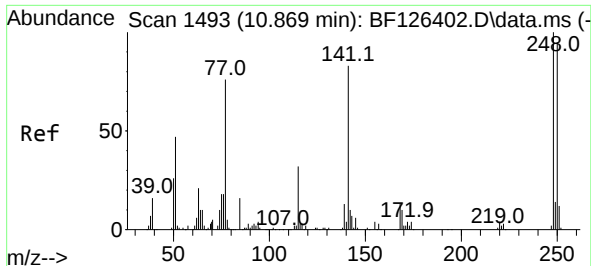
Tgt Ion:198 Resp: 255961  
Ion Ratio Lower Upper  
198 100  
51 67.3 32.0 72.0  
105 58.8 32.7 72.7



#66  
n-Nitrosodiphenylamine  
Concen: 81.237 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:169 Resp: 1105471  
Ion Ratio Lower Upper  
169 100  
168 65.6 53.4 80.0  
167 37.7 29.4 44.0

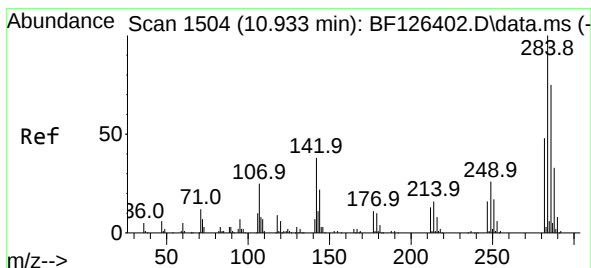
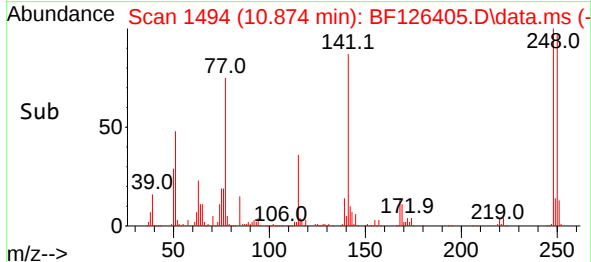
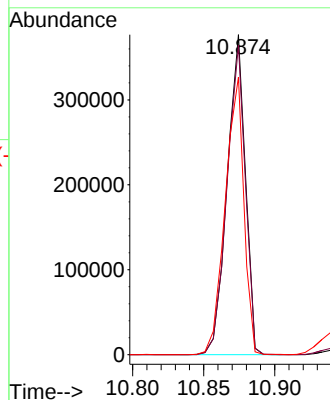
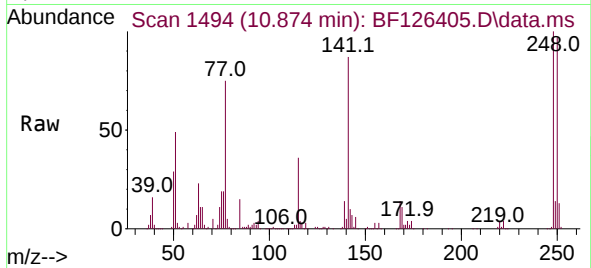




#67  
4-Bromophenyl-phenylether  
Concen: 87.279 ng  
RT: 10.874 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

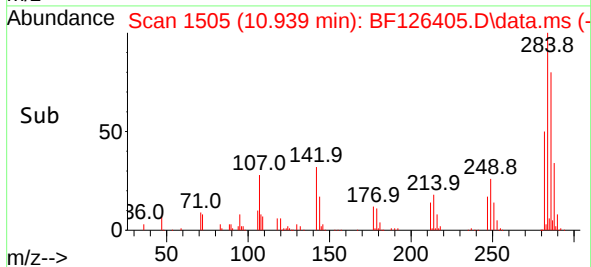
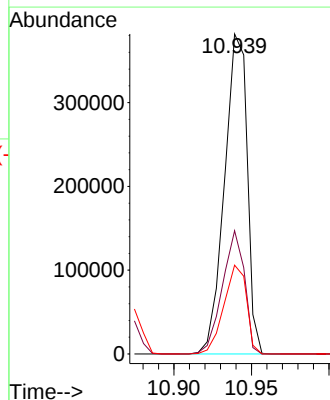
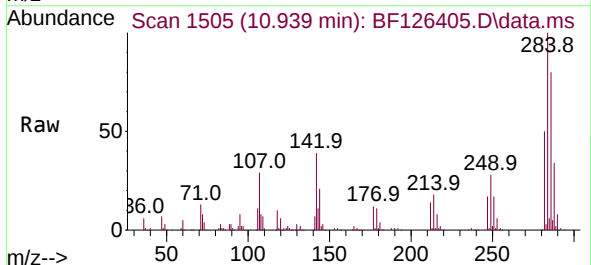
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

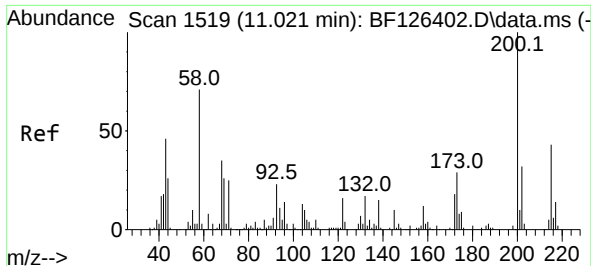
Tgt Ion:248 Resp: 336792  
Ion Ratio Lower Upper  
248 100  
250 96.7 76.2 114.4  
141 86.8 66.2 99.4



#68  
Hexachlorobenzene  
Concen: 87.406 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:284 Resp: 389194  
Ion Ratio Lower Upper  
284 100  
142 38.5 30.7 46.1  
249 27.8 21.1 31.7

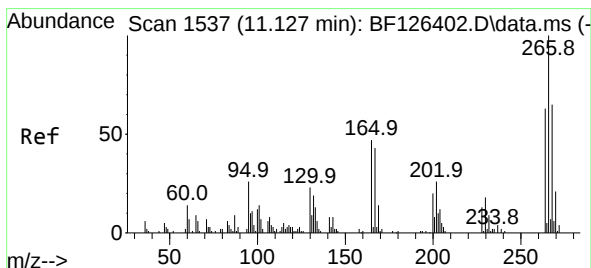
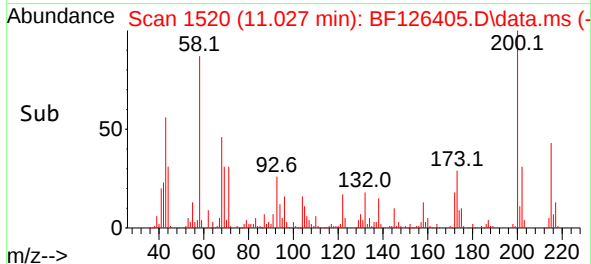
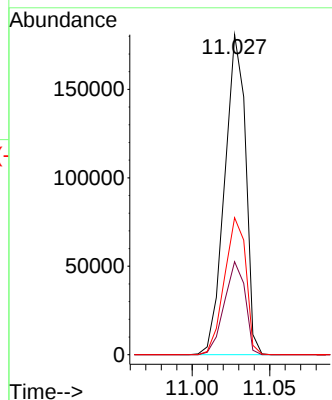
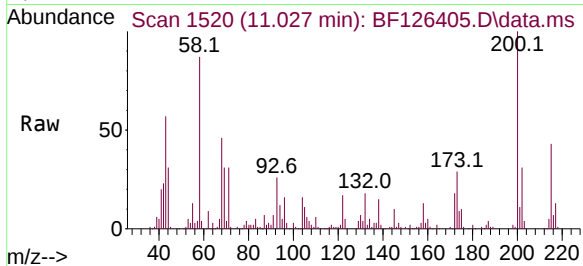




#69  
 Atrazine  
 Concen: 75.582 ng  
 RT: 11.027 min Scan# 1519  
 Delta R.T. 0.006 min  
 Lab File: BF126405.D  
 Acq: 29 Dec 2021 21:33

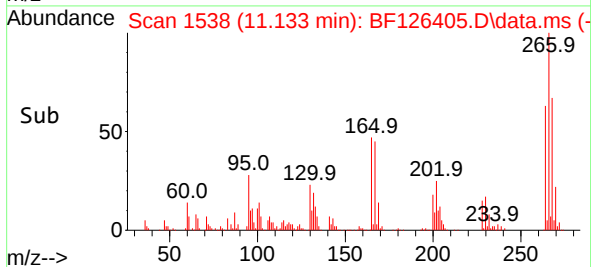
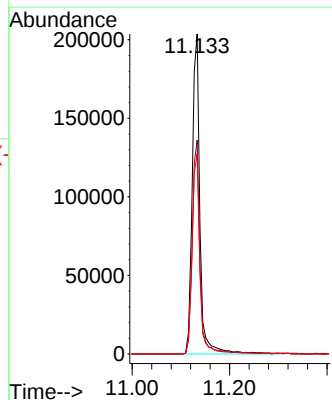
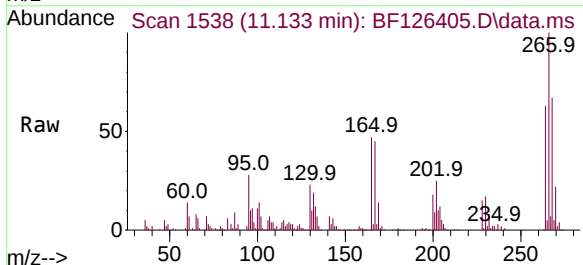
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

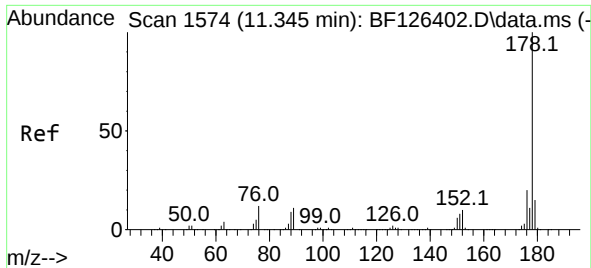
Tgt Ion:200 Resp: 169839  
 Ion Ratio Lower Upper  
 200 100  
 173 29.0 9.2 49.2  
 215 42.8 23.2 63.2



#70  
 Pentachlorophenol  
 Concen: 115.865 ng  
 RT: 11.133 min Scan# 1538  
 Delta R.T. 0.006 min  
 Lab File: BF126405.D  
 Acq: 29 Dec 2021 21:33

Tgt Ion:266 Resp: 223101  
 Ion Ratio Lower Upper  
 266 100  
 268 66.8 52.3 78.5  
 264 62.6 50.4 75.6

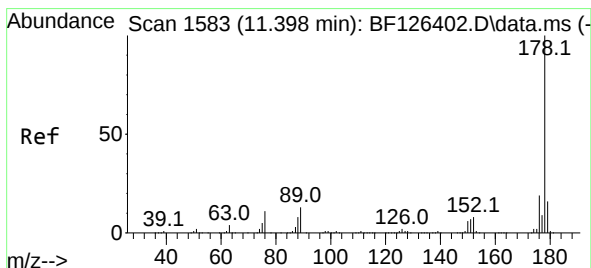
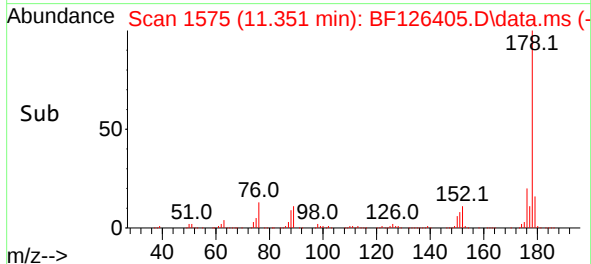
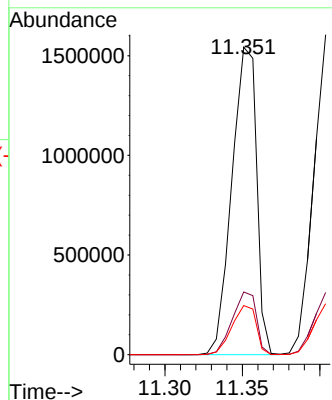
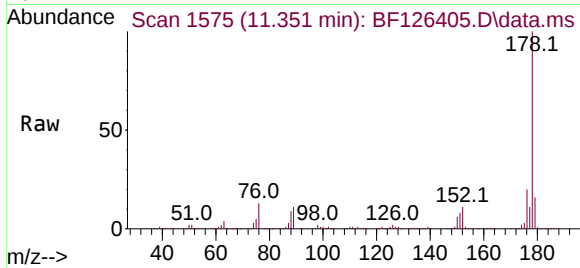




#71  
Phenanthrene  
Concen: 76.633 ng  
RT: 11.351 min Scan# 11351  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

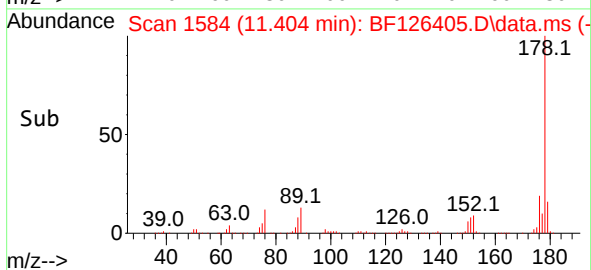
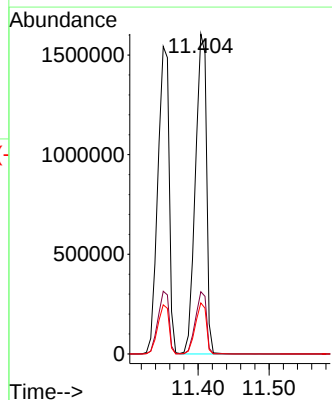
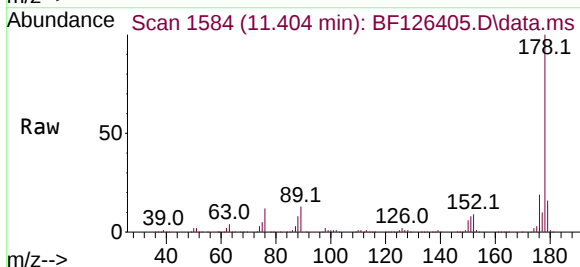
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ClientSampleId :  
SSTDIC080

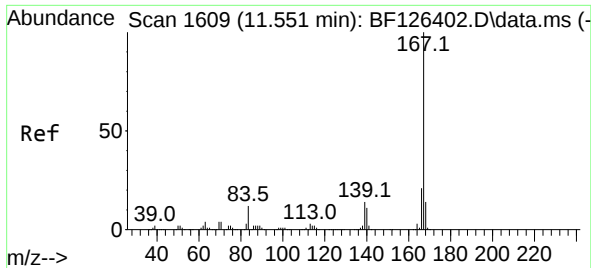
Tgt Ion:178 Resp: 1713211  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.7 23.5  
179 16.0 12.3 18.5



#72  
Anthracene  
Concen: 78.247 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:178 Resp: 1747501  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.0 22.6  
179 16.0 12.5 18.7

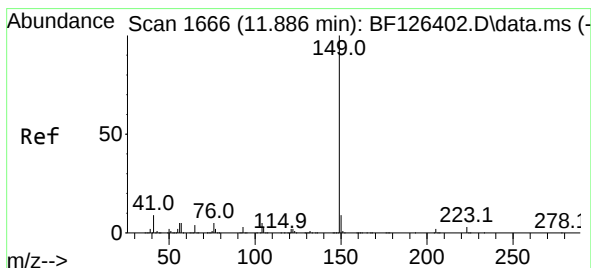
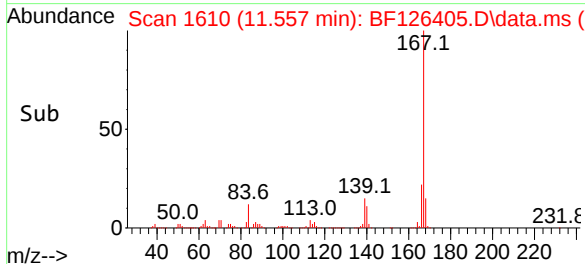
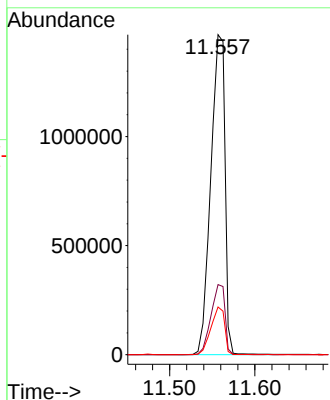
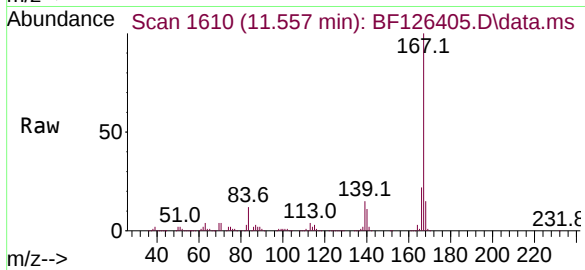




#73  
Carbazole  
Concen: 77.721 ng  
RT: 11.557 min Scan# 1609  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

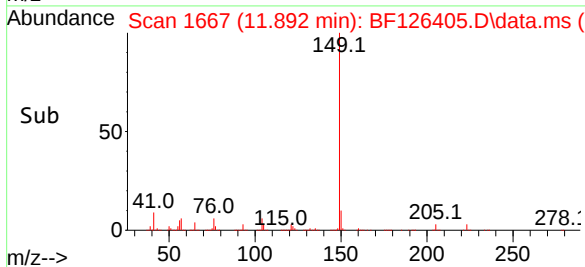
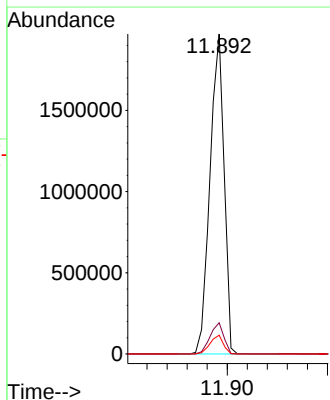
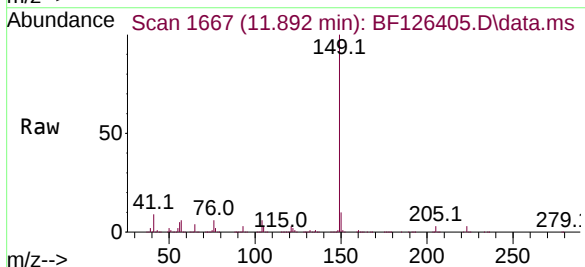
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

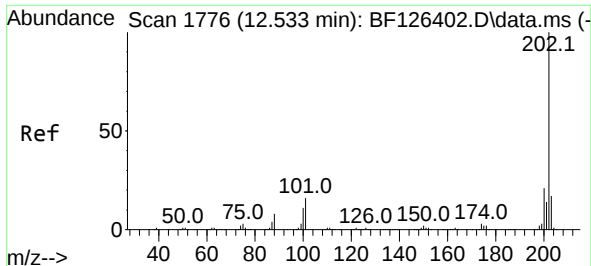
Tgt Ion:167 Resp: 1697057  
Ion Ratio Lower Upper  
167 100  
166 21.9 16.9 25.3  
139 14.9 11.3 16.9



#74  
Di-n-butylphthalate  
Concen: 78.918 ng  
RT: 11.892 min Scan# 1667  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:149 Resp: 1928537  
Ion Ratio Lower Upper  
149 100  
150 9.8 7.2 10.8  
104 5.9 4.2 6.2

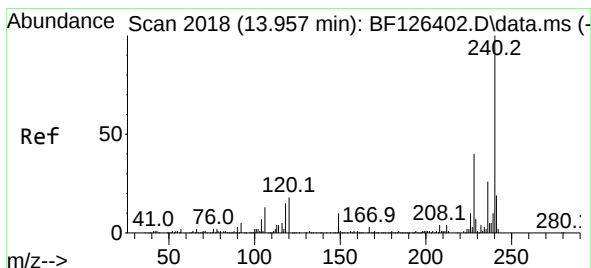
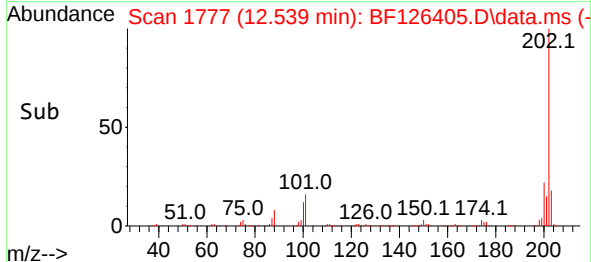
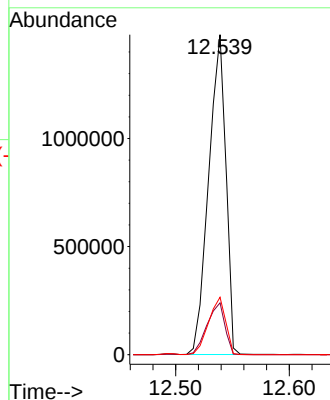
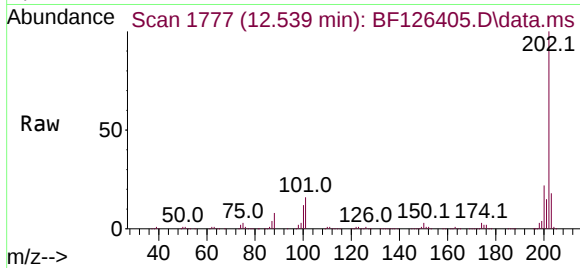




#75  
Fluoranthene  
Concen: 76.639 ng  
RT: 12.539 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

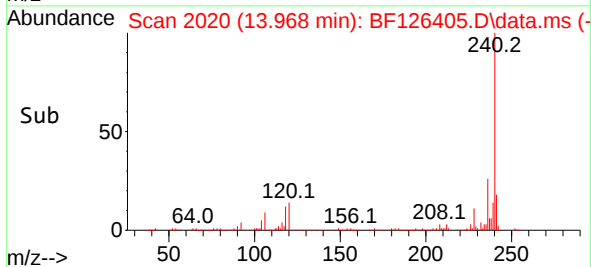
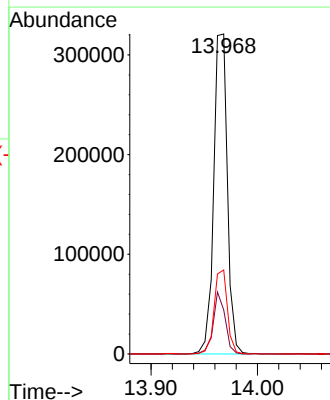
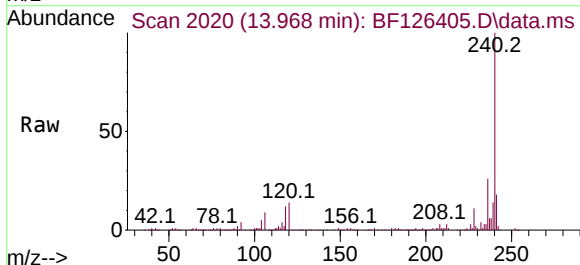
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

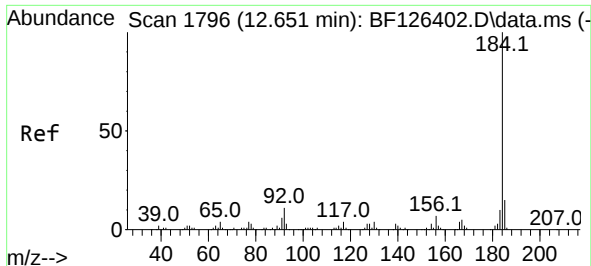
Tgt Ion:202 Resp: 1554100  
Ion Ratio Lower Upper  
202 100  
101 16.2 0.0 35.7  
203 18.0 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:240 Resp: 286383  
Ion Ratio Lower Upper  
240 100  
120 13.7 14.4 21.6#  
236 26.2 20.5 30.7

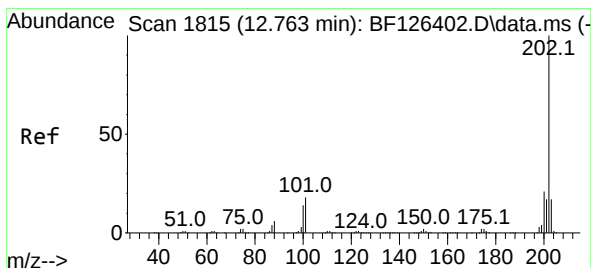
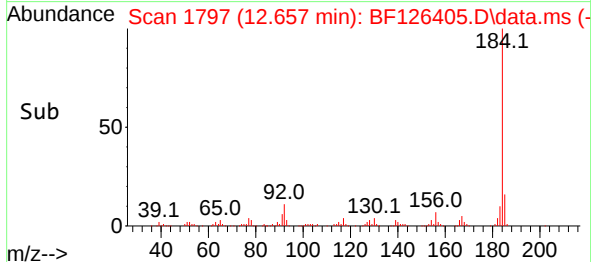
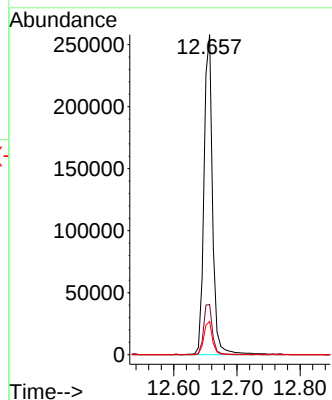
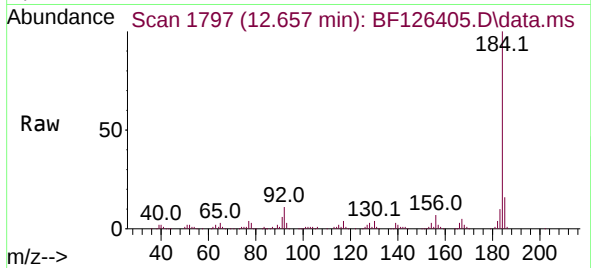




#77  
Benzidine  
Concen: 66.858 ng  
RT: 12.657 min Scan# 1796  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

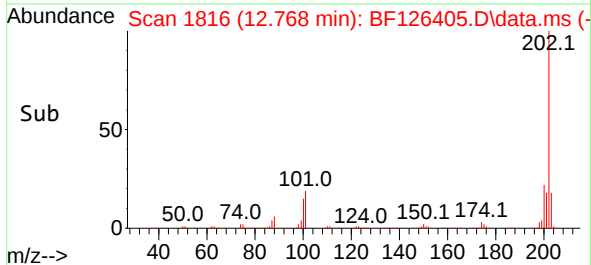
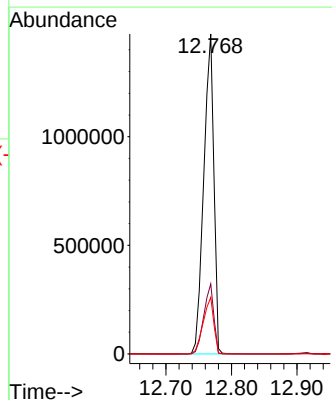
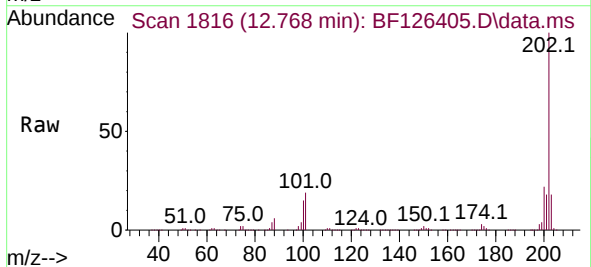
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

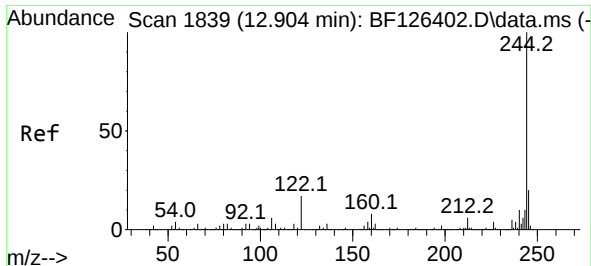
Tgt Ion:184 Resp: 242026  
Ion Ratio Lower Upper  
184 100  
185 15.7 11.8 17.8  
183 10.4 8.2 12.2



#78  
Pyrene  
Concen: 86.708 ng  
RT: 12.768 min Scan# 1816  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

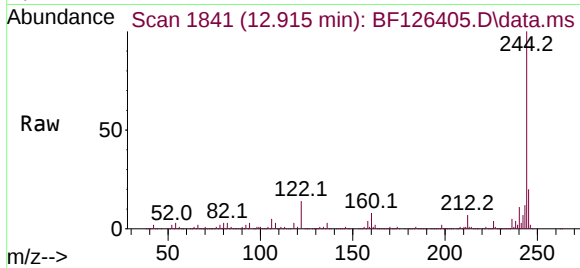
Tgt Ion:202 Resp: 1584331  
Ion Ratio Lower Upper  
202 100  
200 21.9 16.6 24.8  
203 17.7 13.8 20.8



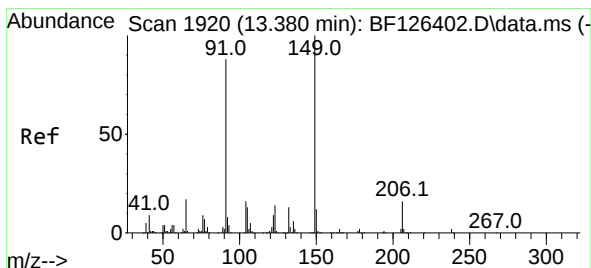
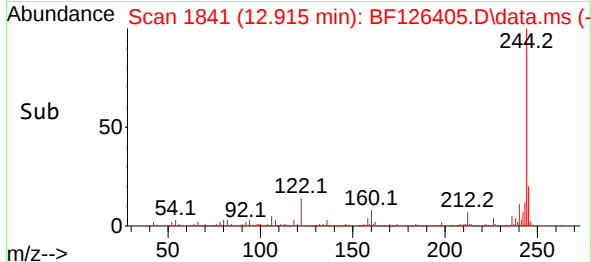
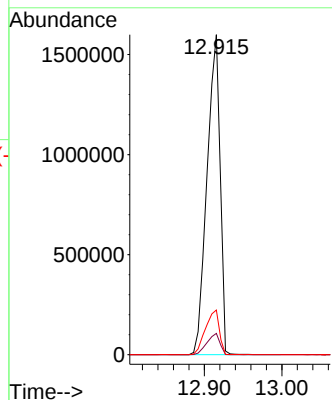


#79  
 Terphenyl-d14  
 Concen: 166.833 ng  
 RT: 12.915 min Scan# 1841  
 Delta R.T. 0.012 min  
 Lab File: BF126405.D  
 Acq: 29 Dec 2021 21:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

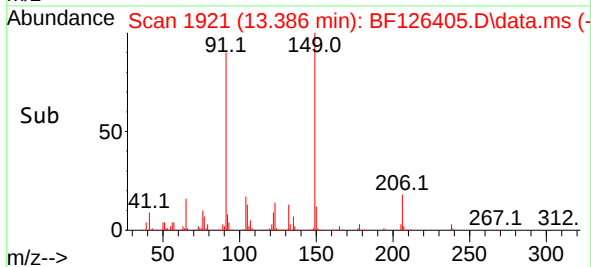
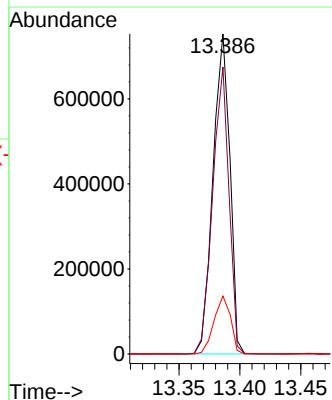
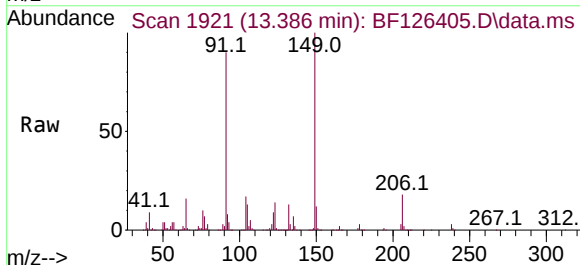


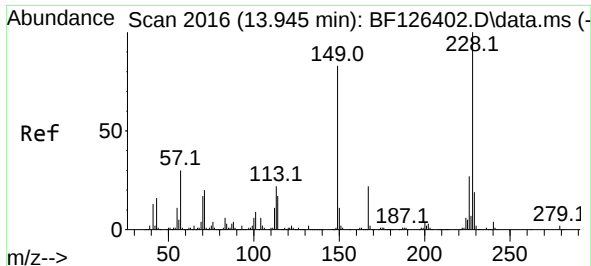
Tgt Ion:244 Resp: 1873901  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.0 7.4  
 122 14.0 13.3 19.9



#80  
 Butylbenzylphthalate  
 Concen: 91.022 ng  
 RT: 13.386 min Scan# 1921  
 Delta R.T. 0.006 min  
 Lab File: BF126405.D  
 Acq: 29 Dec 2021 21:33

Tgt Ion:149 Resp: 723001  
 Ion Ratio Lower Upper  
 149 100  
 91 89.6 70.5 105.7  
 206 18.1 12.6 19.0

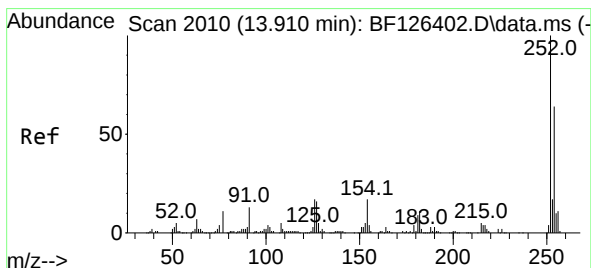
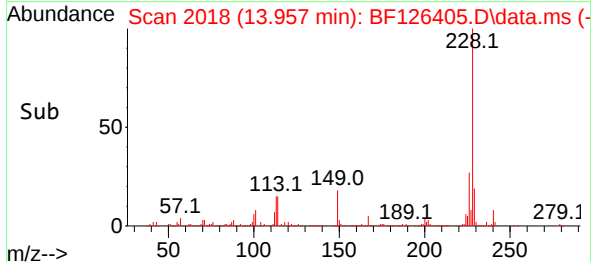
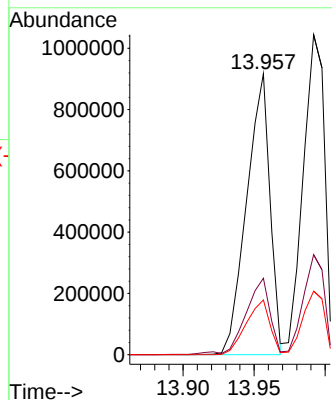
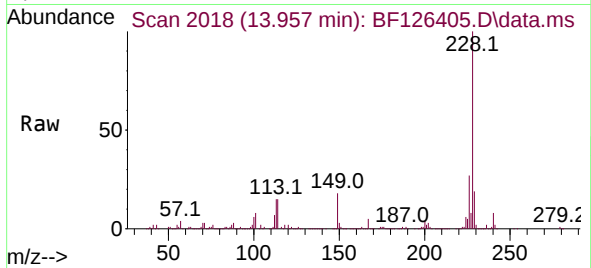




#81  
Benzo(a)anthracene  
Concen: 83.722 ng  
RT: 13.957 min Scan# 2016  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

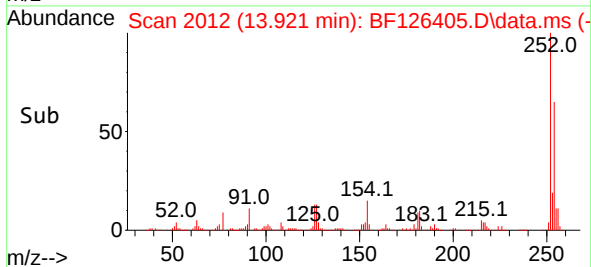
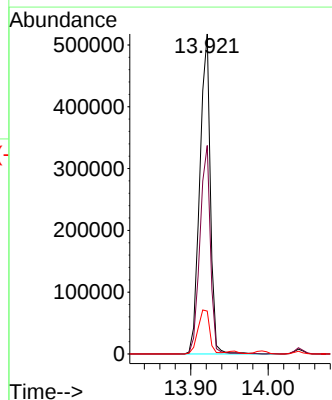
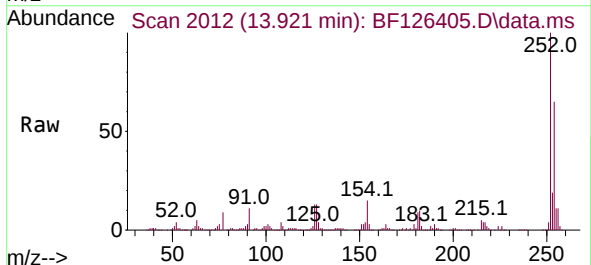
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

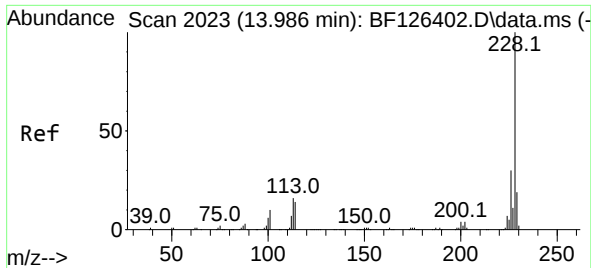
Tgt Ion:228 Resp: 1045268  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.4 32.0  
229 19.5 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 86.341 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. 0.012 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:252 Resp: 488075  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.0 76.4  
126 13.4 13.4 20.0





#83

Chrysene

Concen: 86.542 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

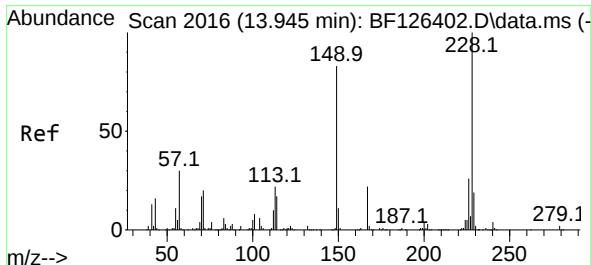
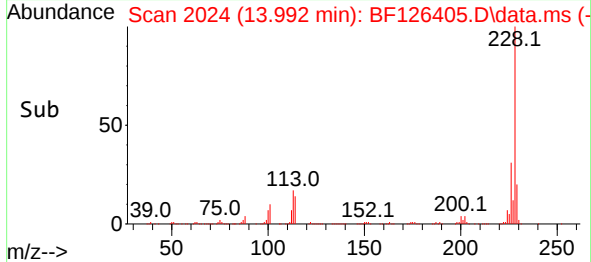
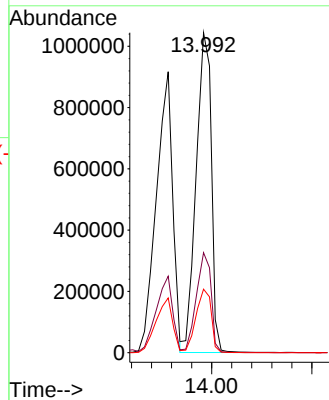
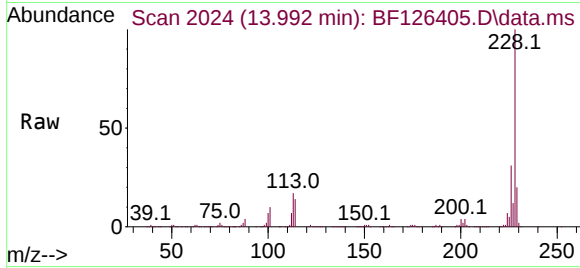
Tgt Ion:228 Resp: 1099215

Ion Ratio Lower Upper

228 100

226 31.3 23.7 35.5

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 87.996 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF126405.D

Acq: 29 Dec 2021 21:33

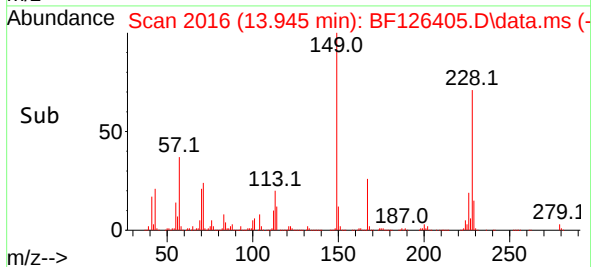
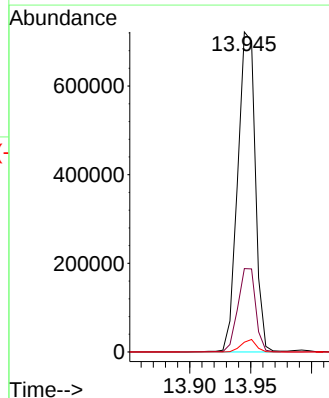
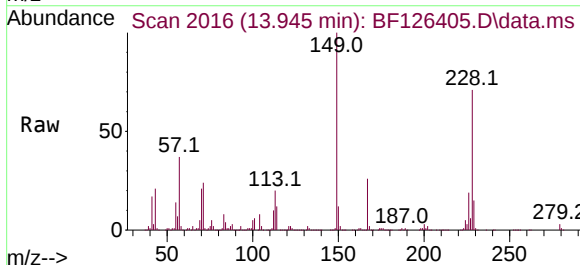
Tgt Ion:149 Resp: 726747

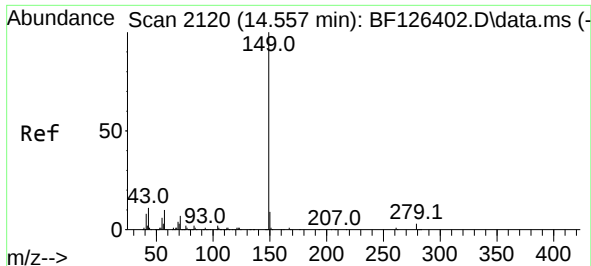
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.2

279 3.0 2.4 3.6

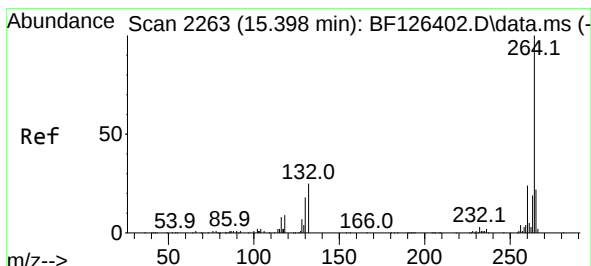
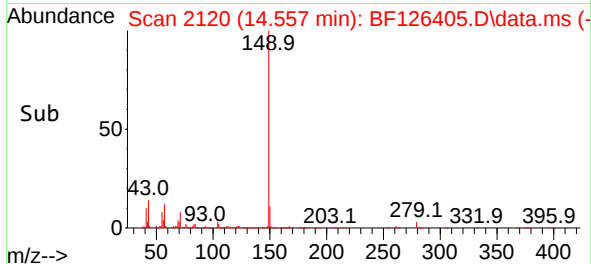
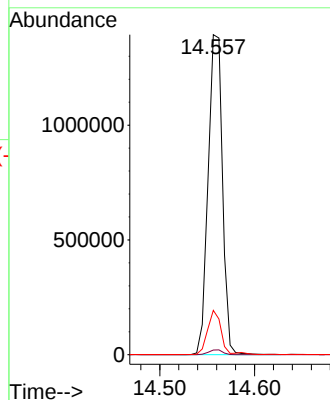
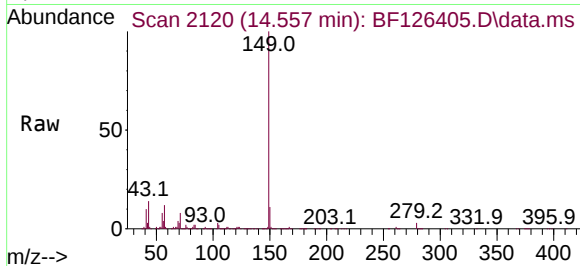




#85  
Di-n-octyl phthalate  
Concen: 102.884 ng  
RT: 14.557 min Scan# 2120  
Delta R.T. -0.000 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

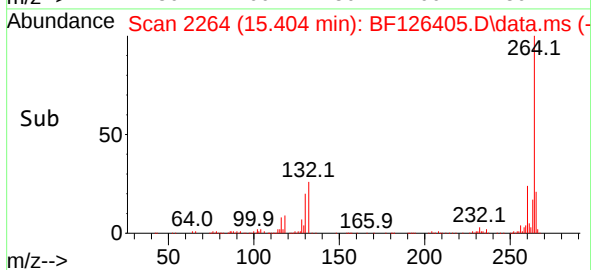
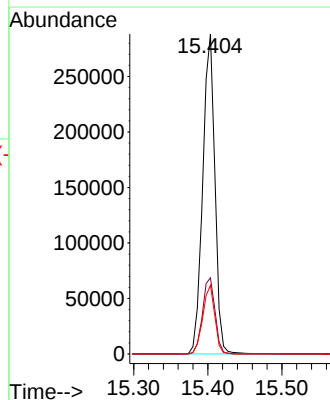
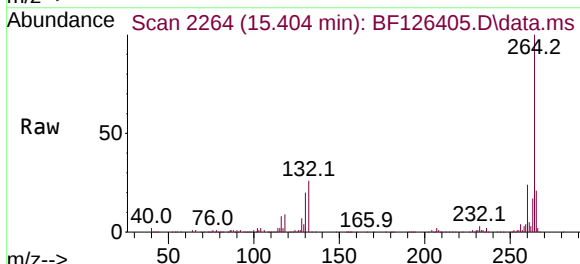
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

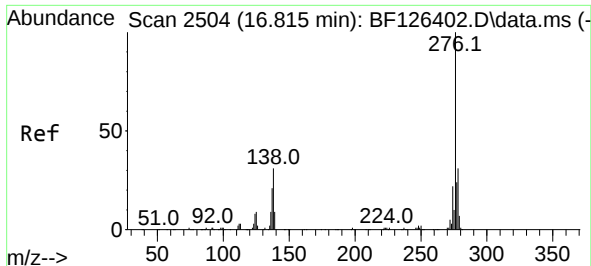
Tgt Ion:149 Resp: 1465336  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 12.8 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.404 min Scan# 2264  
Delta R.T. 0.006 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:264 Resp: 328976  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.2 28.8  
265 21.4 17.4 26.2

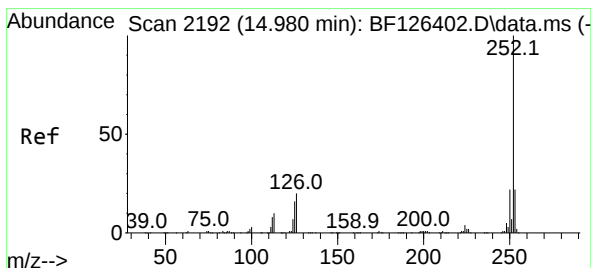
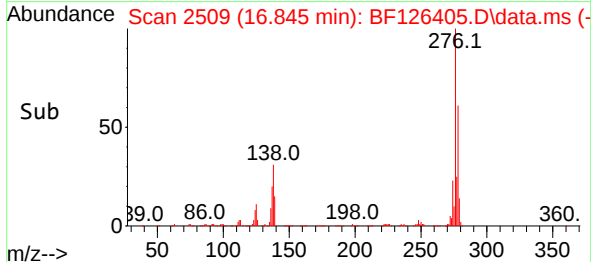
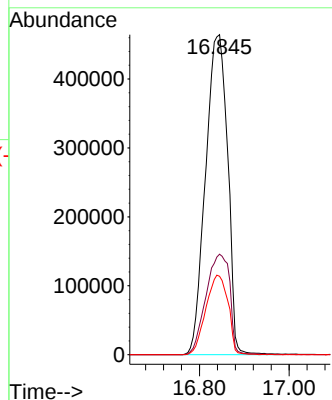
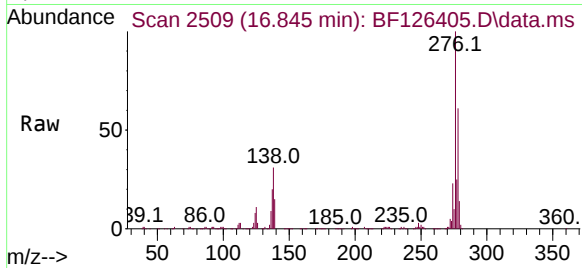




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 96.081 ng  
 RT: 16.845 min Scan# 2194  
 Delta R.T. 0.029 min  
 Lab File: BF126405.D  
 Acq: 29 Dec 2021 21:33

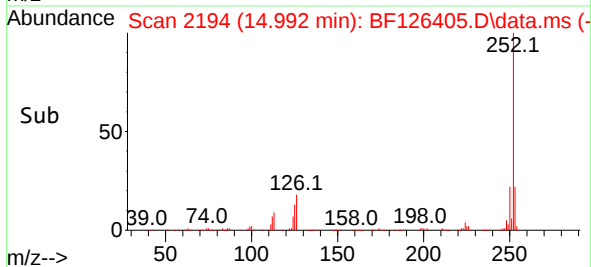
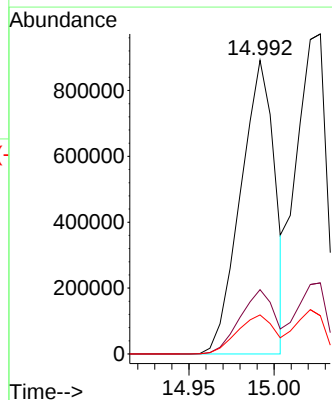
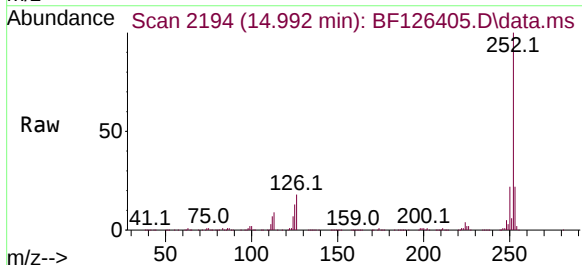
Instrument :  
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 ClientSampleId :  
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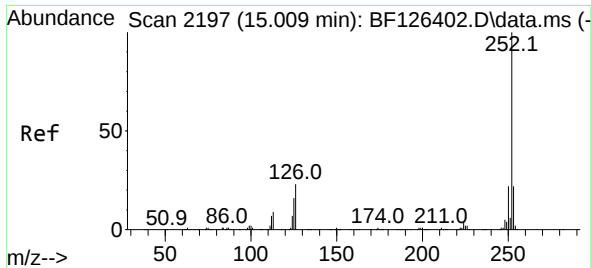
Tgt Ion:276 Resp: 1586288  
 Ion Ratio Lower Upper  
 276 100  
 138 34.0 29.2 43.8  
 277 24.9 19.8 29.8



#88  
 Benzo(b)fluoranthene  
 Concen: 83.204 ng  
 RT: 14.992 min Scan# 2194  
 Delta R.T. 0.012 min  
 Lab File: BF126405.D  
 Acq: 29 Dec 2021 21:33

Tgt Ion:252 Resp: 1249876  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.8 26.8  
 125 13.3 12.4 18.6

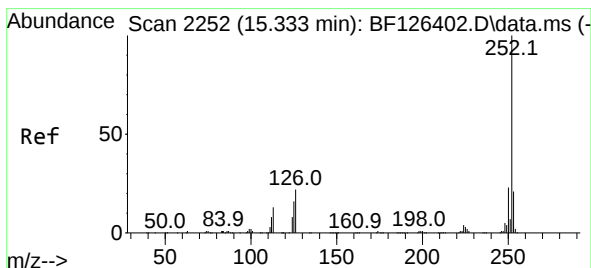
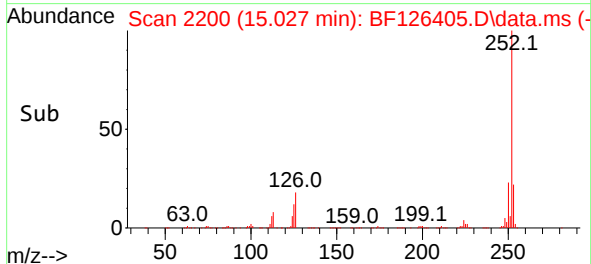
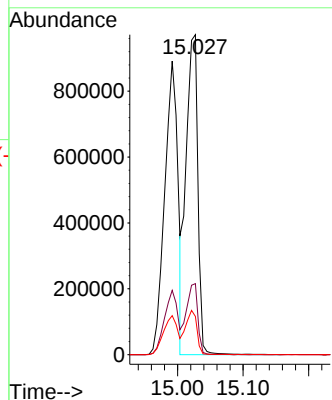
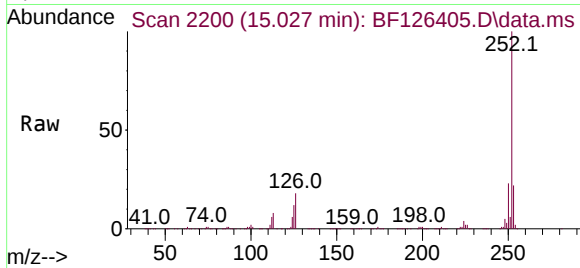




#89  
Benzo(k)fluoranthene  
Concen: 84.653 ng  
RT: 15.027 min Scan# 2197  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

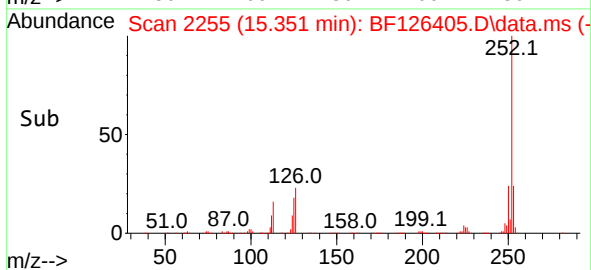
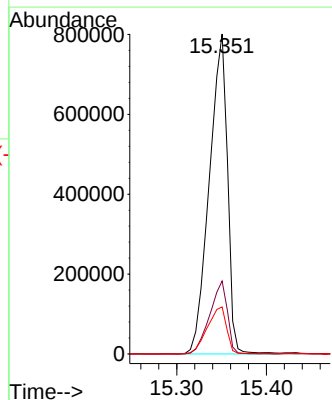
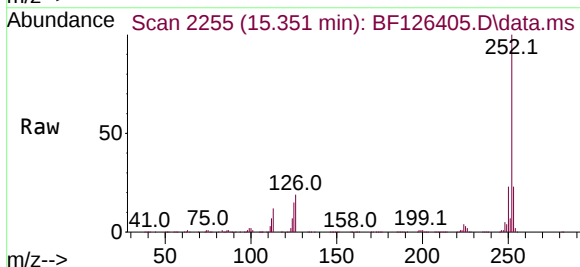
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

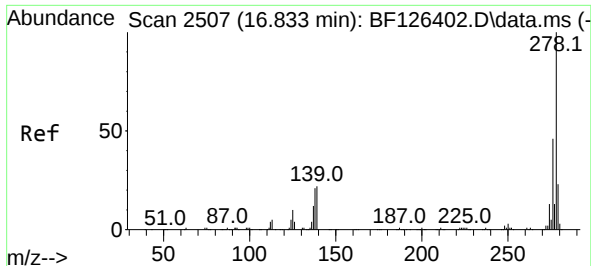
Tgt Ion:252 Resp: 1209572  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 11.9 11.8 17.6



#90  
Benzo(a)pyrene  
Concen: 89.775 ng  
RT: 15.351 min Scan# 2255  
Delta R.T. 0.018 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:252 Resp: 1125632  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.1 25.7  
125 14.7 13.0 19.6

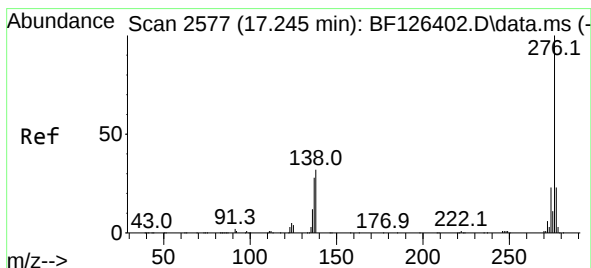
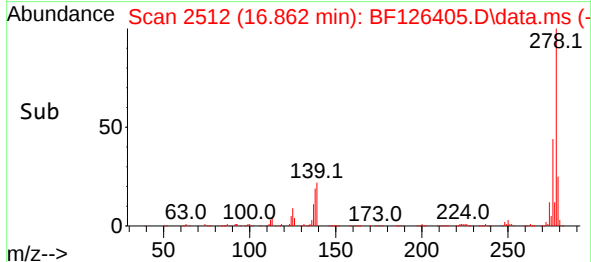
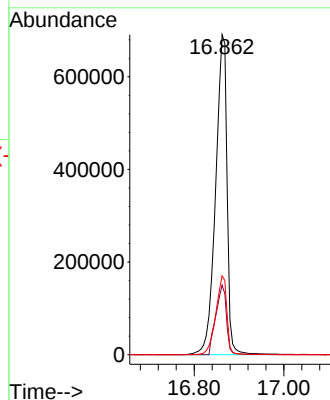
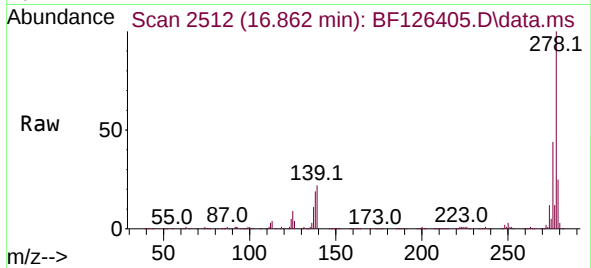




#91  
Dibenzo(a,h)anthracene  
Concen: 93.148 ng  
RT: 16.862 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:278 Resp: 1229152  
Ion Ratio Lower Upper  
278 100  
139 21.7 18.0 27.0  
279 24.6 18.6 27.8



#92  
Benzo(g,h,i)perylene  
Concen: 96.526 ng  
RT: 17.280 min Scan# 2583  
Delta R.T. 0.035 min  
Lab File: BF126405.D  
Acq: 29 Dec 2021 21:33

Tgt Ion:276 Resp: 1373706  
Ion Ratio Lower Upper  
276 100  
277 24.6 18.5 27.7  
138 29.9 25.9 38.9

