

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122822\  
 Data File : BF131859.D  
 Acq On : 28 Dec 2022 14:13  
 Operator : CG\JU  
 Sample : PB149939BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149939BS

Quant Time: Dec 29 00:53:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 26 05:13:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 94019    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 365992   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.886  | 164  | 220471   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.380 | 188  | 434354   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 339788   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 222929   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 709366   | 125.036 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.469  | 99   | 928260   | 124.537 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 636763   | 69.464  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 287872   | 120.176 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1119187  | 69.532  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 1535411  | 76.435  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.616  | 88   | 85035    | 32.322  | ng    | 98       |
| 3) Pyridine                   | 3.351  | 79   | 232005   | 31.369  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.322  | 42   | 141615   | 40.722  | ng    | 94       |
| 6) Aniline                    | 6.492  | 93   | 297560   | 32.918  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.616  | 128  | 256303   | 42.881  | ng    | 98       |
| 9) Benzaldehyde               | 6.375  | 77   | 91984    | 19.233  | ng    | 95       |
| 10) Phenol                    | 6.481  | 94   | 359549   | 40.507  | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 269830   | 42.510  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 271651   | 39.770  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 275300   | 39.993  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 264018   | 40.817  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.981  | 79   | 274900   | 42.057  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 332557   | 41.055  | ng    | 95       |
| 17) 2-Methylphenol            | 7.092  | 107  | 226226   | 41.401  | ng    | 98       |
| 18) Hexachloroethane          | 7.339  | 117  | 112624   | 40.517  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 216816   | 41.187  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 290006   | 40.676  | ng    | 95       |
| 22) Acetophenone              | 7.245  | 105  | 408839   | 38.103  | ng    | 99       |
| 24) Nitrobenzene              | 7.422  | 77   | 338284   | 36.823  | ng    | 99       |
| 25) Isophorone                | 7.663  | 82   | 599628   | 40.055  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.734  | 139  | 135378   | 37.901  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 225021   | 44.165  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 328854   | 40.947  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.981  | 162  | 233512   | 38.041  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 265372   | 36.463  | ng    | 99       |
| 31) Naphthalene               | 8.139  | 128  | 714899   | 35.667  | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 163246   | 43.836  | ng    | 92       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 208783   | 27.147  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 175538   | 35.254  | ng    | 99       |
| 35) Caprolactam               | 8.586  | 113  | 37654    | 20.718  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 273988   | 39.493  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 498939   | 37.090  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.933  | 142  | 468327   | 35.841  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 286952   | 37.068  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.986  | 237  | 283321   | 81.647  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 184289   | 37.170  | ng    | 99       |

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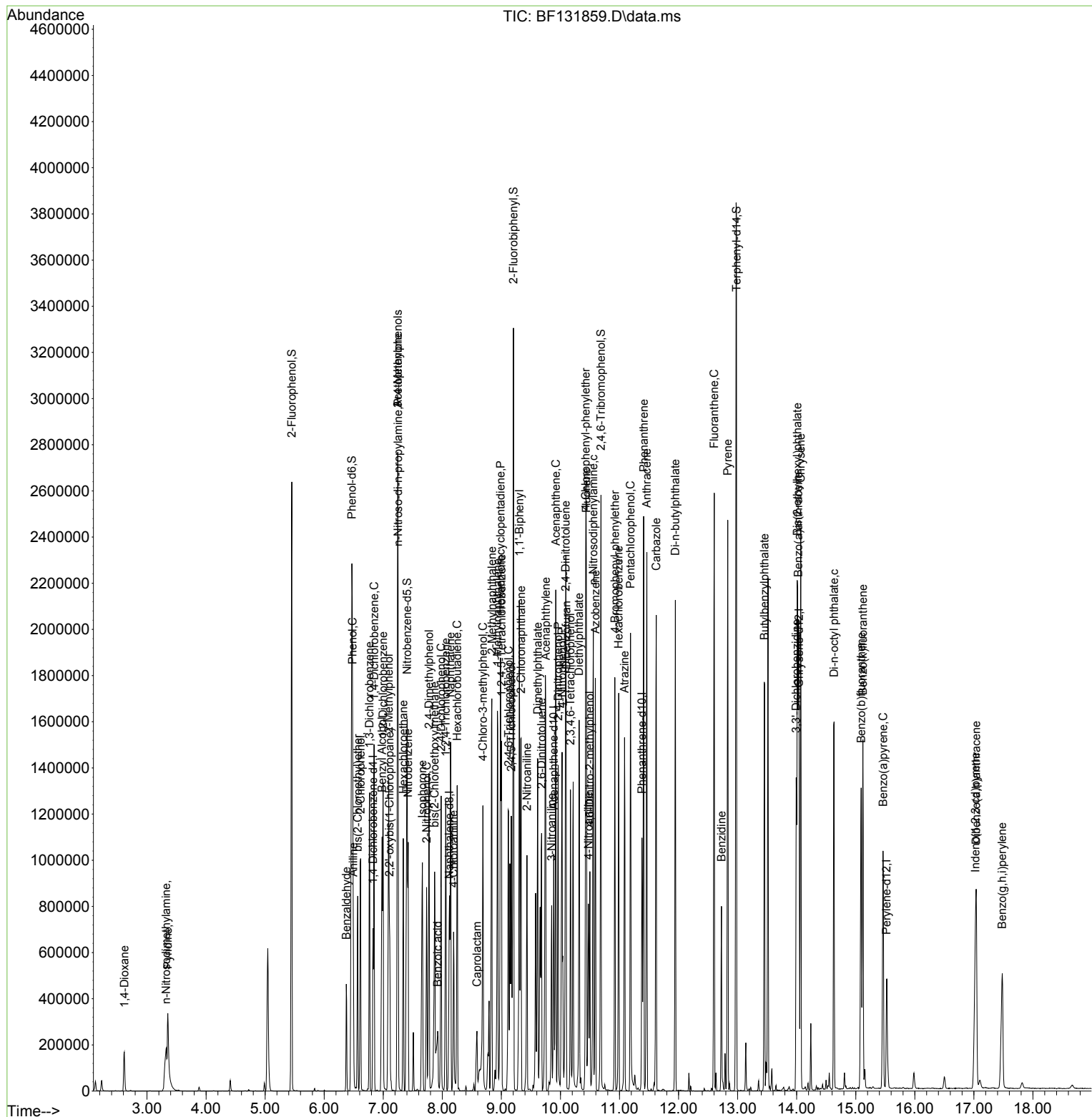
Instrument :  
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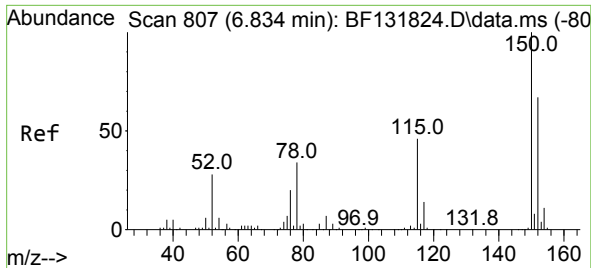
Quant Time: Dec 29 00:53:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 26 05:13:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 190210   | 35.490 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 635942   | 37.676 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 506960   | 36.304 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.433  | 65   | 187685   | 36.668 | ng    | 96       |
| 49) Acenaphthylene            | 9.751  | 152  | 756195   | 36.367 | ng    | 100      |
| 50) Dimethylphthalate         | 9.616  | 163  | 619217   | 37.125 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.680  | 165  | 134293   | 37.193 | ng    | 93       |
| 52) Acenaphthene              | 9.922  | 154  | 455530   | 36.299 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.851  | 138  | 102243   | 27.791 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 174317   | 83.893 | ng    | 91       |
| 55) Dibenzofuran              | 10.098 | 168  | 706696   | 36.550 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 200436   | 77.772 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 189219   | 38.320 | ng    | # 89     |
| 58) Fluorene                  | 10.439 | 166  | 579825   | 36.734 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 157086   | 35.716 | ng    | 96       |
| 60) Diethylphthalate          | 10.316 | 149  | 602181   | 37.511 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204  | 309192   | 37.681 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 126350   | 32.953 | ng    | 95       |
| 63) Azobenzene                | 10.592 | 77   | 633861   | 35.578 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 113702   | 38.447 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.557 | 169  | 493085   | 37.215 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248  | 189730   | 37.688 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 209634   | 37.908 | ng    | 96       |
| 69) Atrazine                  | 11.086 | 200  | 211431   | 48.471 | ng    | 99       |
| 70) Pentachlorophenol         | 11.186 | 266  | 230979   | 84.408 | ng    | 97       |
| 71) Phenanthrene              | 11.410 | 178  | 870083   | 36.427 | ng    | 100      |
| 72) Anthracene                | 11.463 | 178  | 878161   | 37.583 | ng    | 99       |
| 73) Carbazole                 | 11.622 | 167  | 793547   | 38.470 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.945 | 149  | 950945   | 38.140 | ng    | 100      |
| 75) Fluoranthene              | 12.604 | 202  | 1031606  | 37.079 | ng    | 98       |
| 77) Benzidine                 | 12.727 | 184  | 281325   | 50.381 | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 1040893  | 36.548 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 411238   | 38.930 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 903986   | 36.745 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 262476   | 36.913 | ng    | 97       |
| 83) Chrysene                  | 14.068 | 228  | 844066   | 36.511 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 535815   | 41.659 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 804333   | 46.455 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.027 | 276  | 536975   | 37.914 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 711820   | 43.547 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 692461   | 43.844 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.462 | 252  | 563971   | 44.564 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.039 | 278  | 463714   | 39.972 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.480 | 276  | 459427   | 35.069 | ng    | 96       |

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

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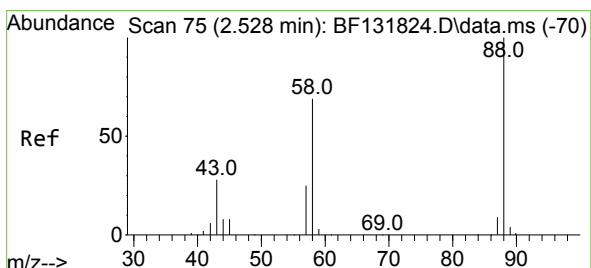
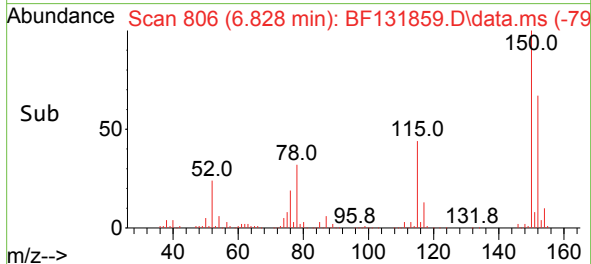
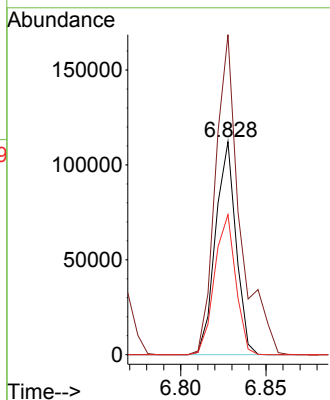
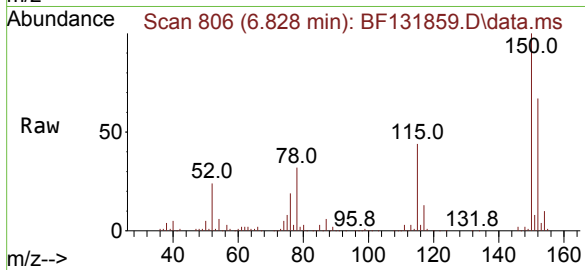




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.828 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF131859.D  
 Acq: 28 Dec 2022 14:13

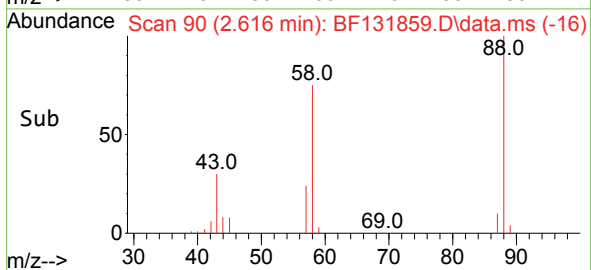
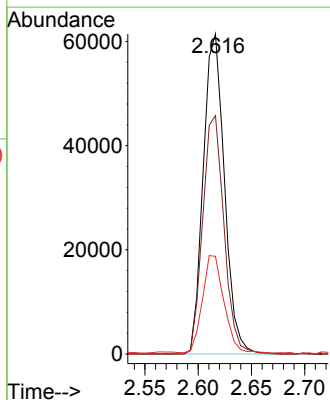
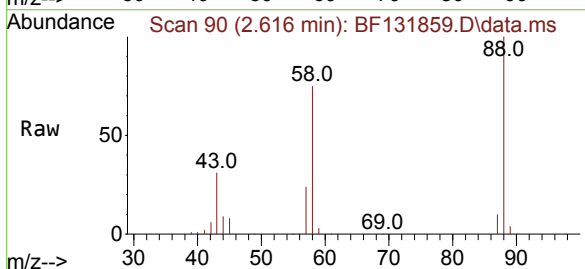
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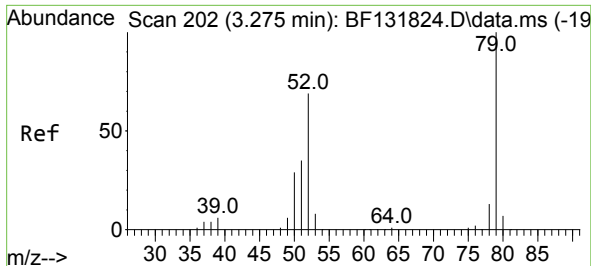
Tgt Ion:152 Resp: 94019  
 Ion Ratio Lower Upper  
 152 100  
 150 150.3 120.0 180.0  
 115 65.7 55.1 82.7



#2  
 1,4-Dioxane  
 Concen: 32.322 ng  
 RT: 2.616 min Scan# 90  
 Delta R.T. 0.088 min  
 Lab File: BF131859.D  
 Acq: 28 Dec 2022 14:13

Tgt Ion: 88 Resp: 85035  
 Ion Ratio Lower Upper  
 88 100  
 58 74.8 58.2 87.2  
 43 31.0 24.2 36.4

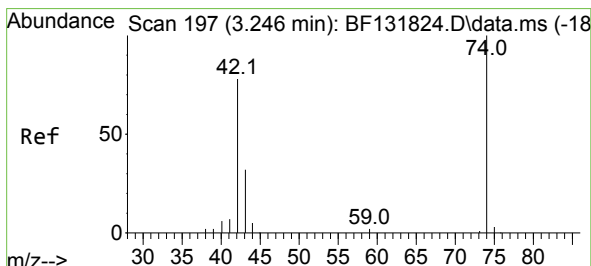
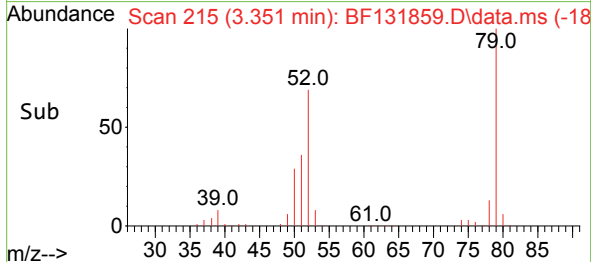
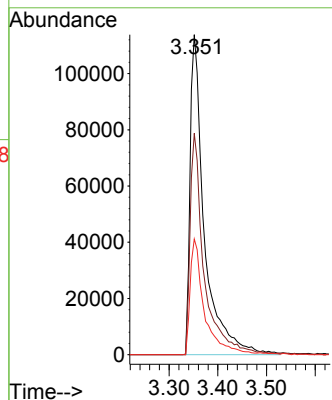
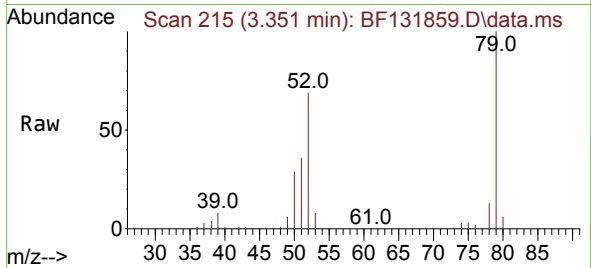




#3  
Pyridine  
Concen: 31.369 ng  
RT: 3.351 min Scan# 210  
Delta R.T. 0.076 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

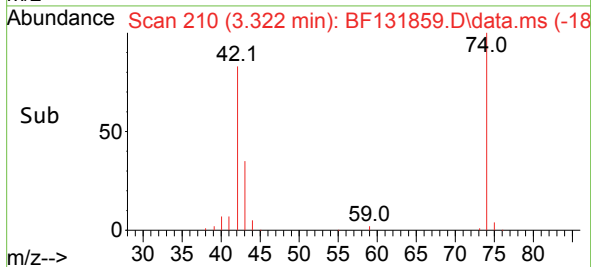
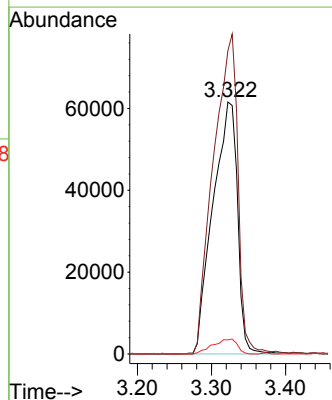
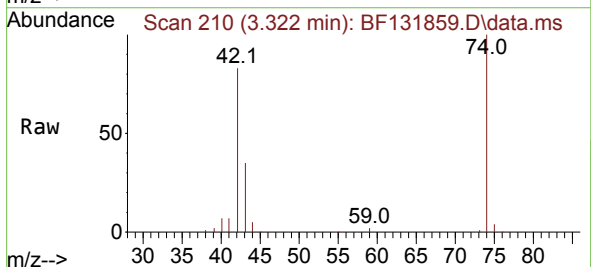
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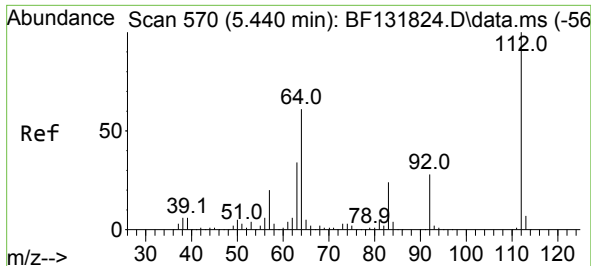
Tgt Ion: 79 Resp: 232005  
Ion Ratio Lower Upper  
79 100  
52 69.2 55.4 83.2  
51 36.2 27.8 41.8



#4  
n-Nitrosodimethylamine  
Concen: 40.722 ng  
RT: 3.322 min Scan# 210  
Delta R.T. 0.076 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion: 42 Resp: 141615  
Ion Ratio Lower Upper  
42 100  
74 120.3 102.0 153.0  
44 5.6 4.6 7.0

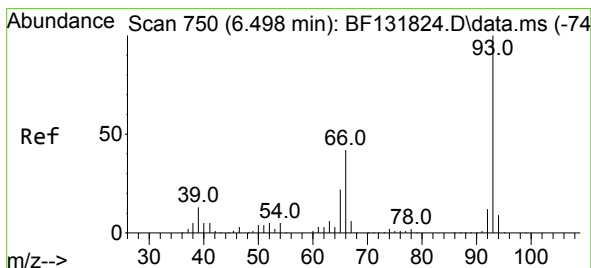
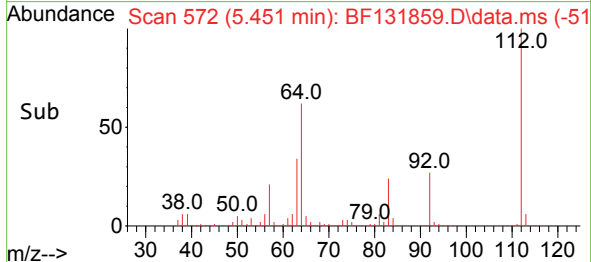
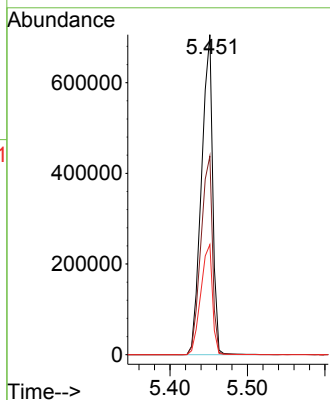
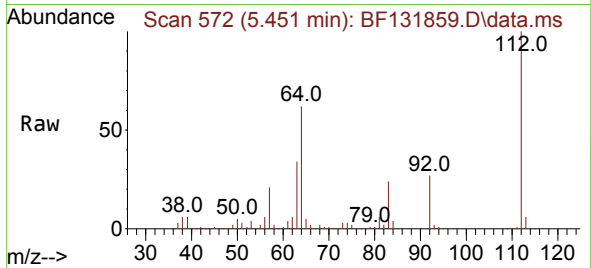




#5  
2-Fluorophenol  
Concen: 125.036 ng  
RT: 5.451 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

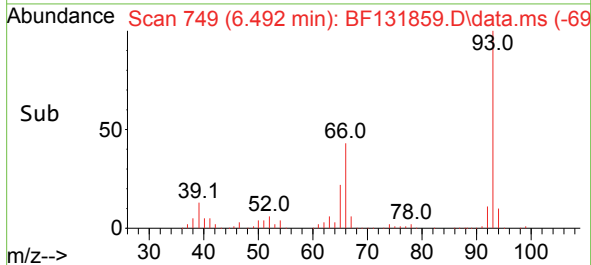
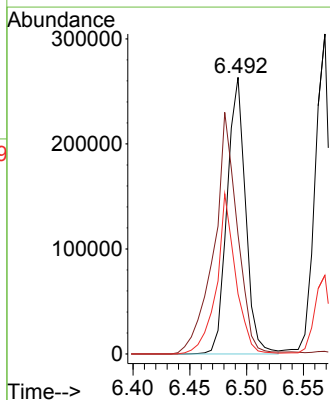
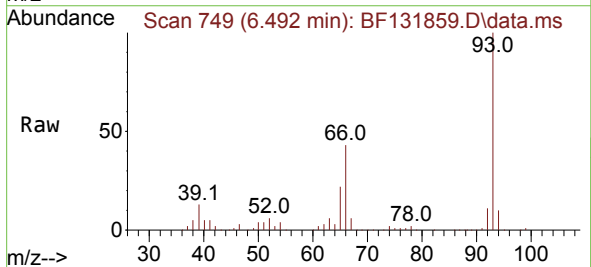
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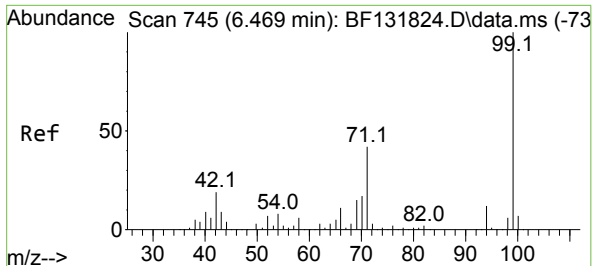
Tgt Ion:112 Resp: 709366  
Ion Ratio Lower Upper  
112 100  
64 62.1 49.2 73.8  
63 34.4 27.5 41.3



#6  
Aniline  
Concen: 32.918 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion: 93 Resp: 297560  
Ion Ratio Lower Upper  
93 100  
66 43.1 33.9 50.9  
65 21.7 17.4 26.0

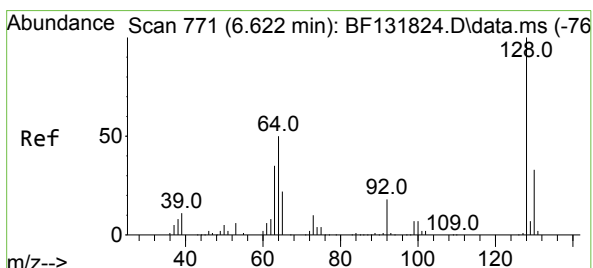
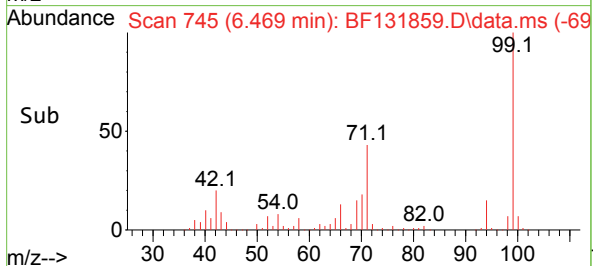
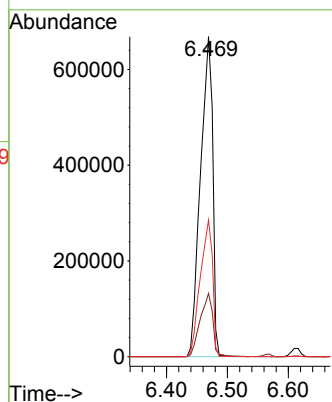
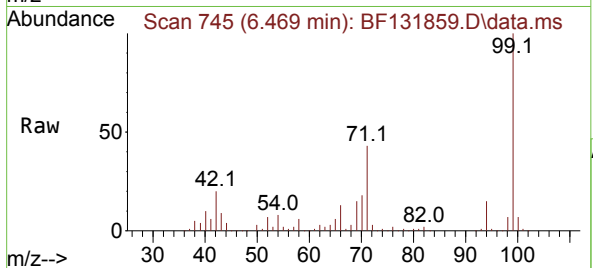




#7  
Phenol-d6  
Concen: 124.537 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

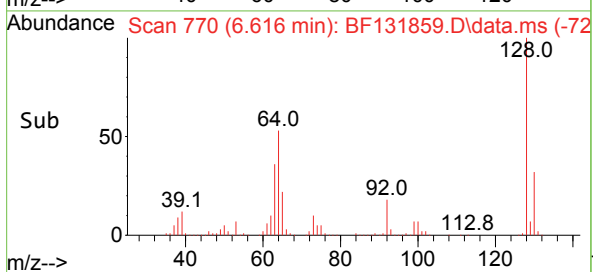
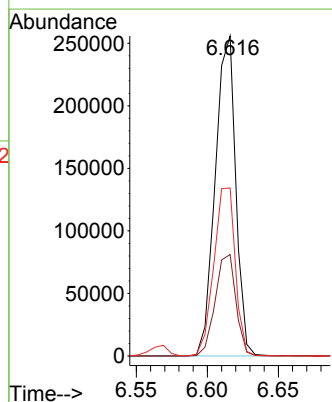
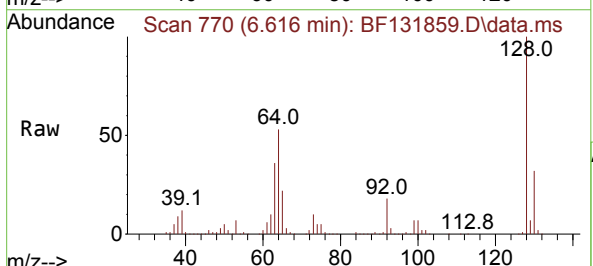
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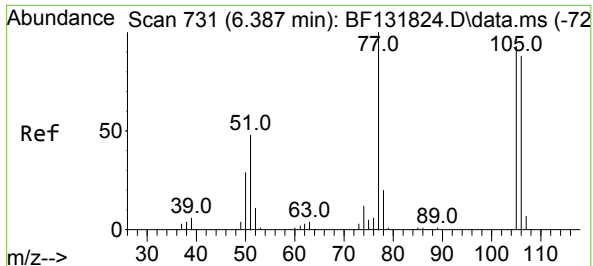
Tgt Ion: 99 Resp: 928260  
Ion Ratio Lower Upper  
99 100  
42 19.8 15.3 22.9  
71 42.7 33.5 50.3



#8  
2-Chlorophenol  
Concen: 42.881 ng  
RT: 6.616 min Scan# 770  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:128 Resp: 256303  
Ion Ratio Lower Upper  
128 100  
130 31.7 12.6 52.6  
64 52.5 30.7 70.7

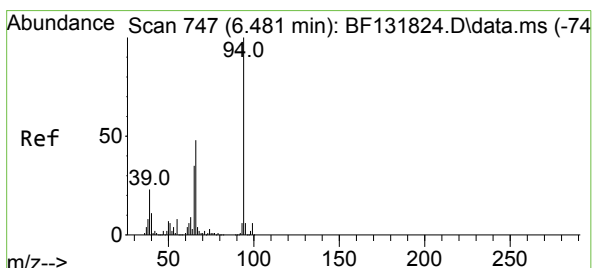
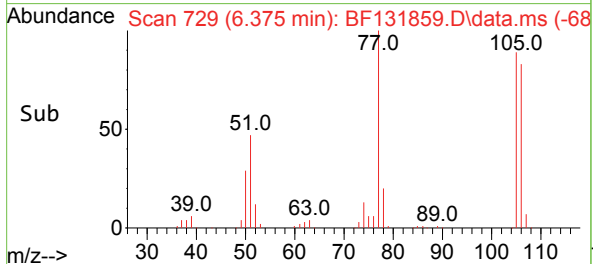
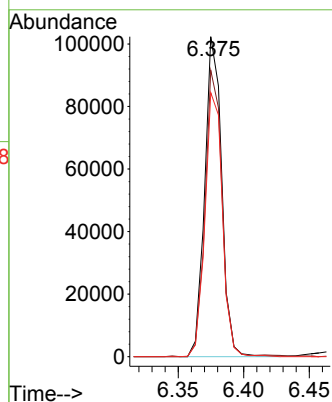
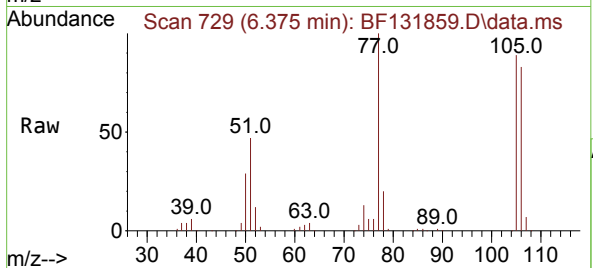




#9  
Benzaldehyde  
Concen: 19.233 ng  
RT: 6.375 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

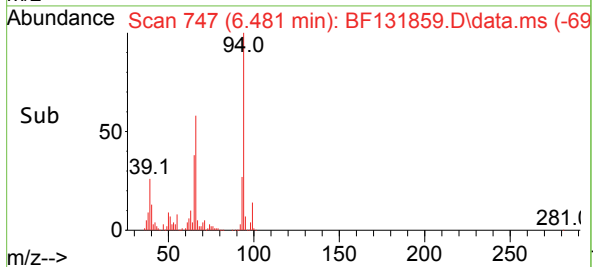
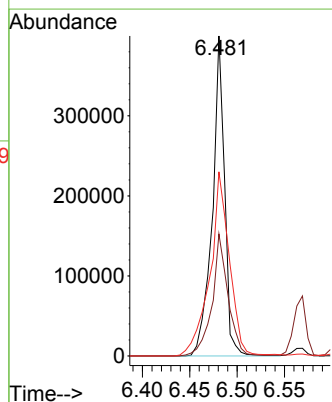
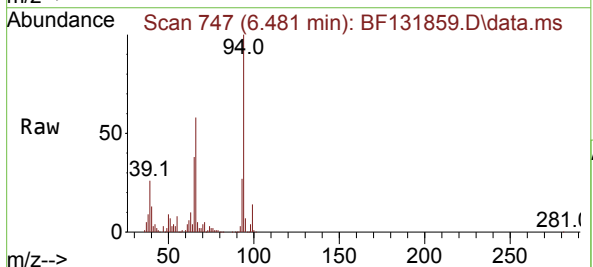
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

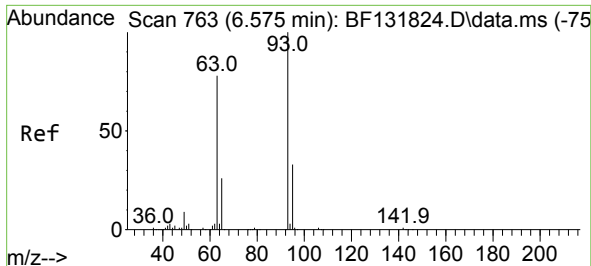
Tgt Ion: 77 Resp: 91984  
Ion Ratio Lower Upper  
77 100  
105 89.5 72.9 112.9  
106 82.5 68.5 108.5



#10  
Phenol  
Concen: 40.507 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion: 94 Resp: 359549  
Ion Ratio Lower Upper  
94 100  
65 38.2 14.6 54.6  
66 57.5 28.2 68.2

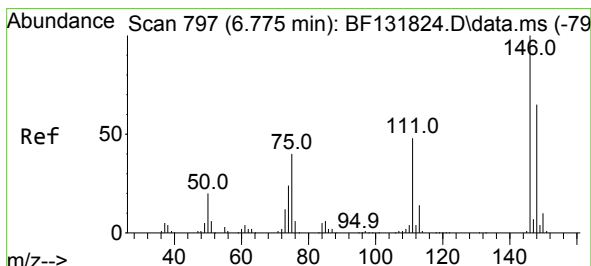
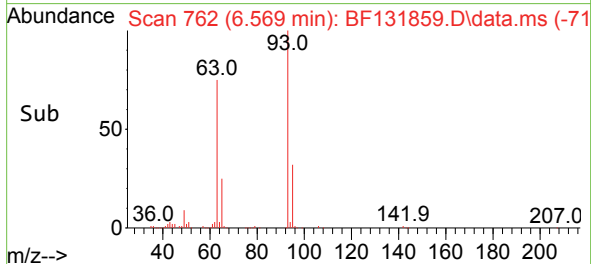
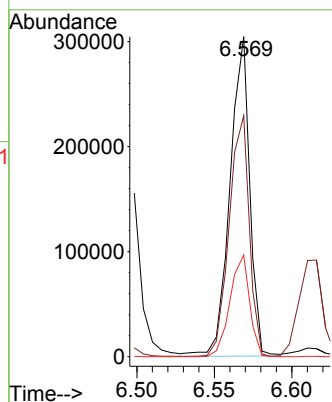
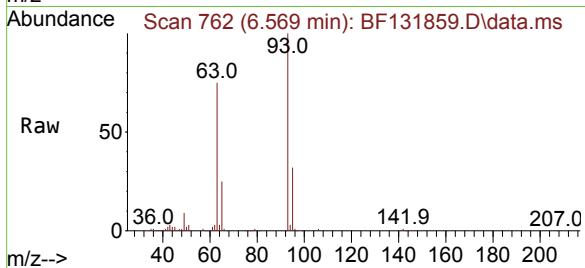




#11  
bis(2-Chloroethyl)ether  
Concen: 42.510 ng  
RT: 6.569 min Scan# 762  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

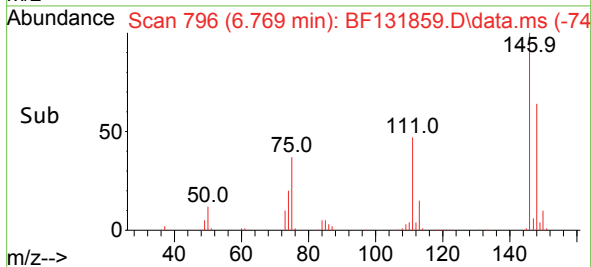
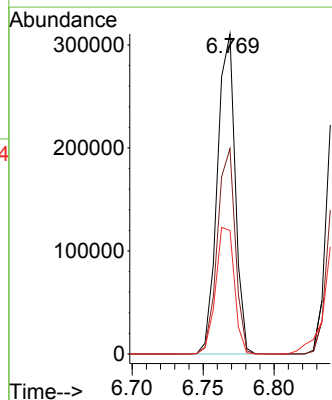
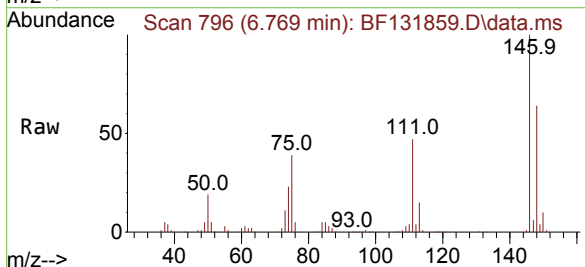
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

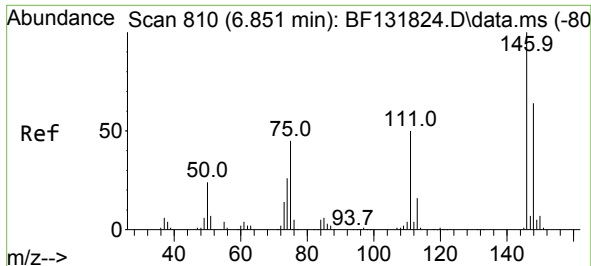
Tgt Ion: 93 Resp: 269830  
Ion Ratio Lower Upper  
93 100  
63 75.3 57.6 97.6  
95 31.8 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 39.770 ng  
RT: 6.769 min Scan# 796  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:146 Resp: 271651  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.8 77.6  
75 38.6 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 39.993 ng

RT: 6.845 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

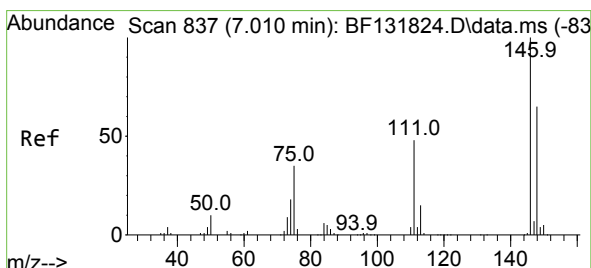
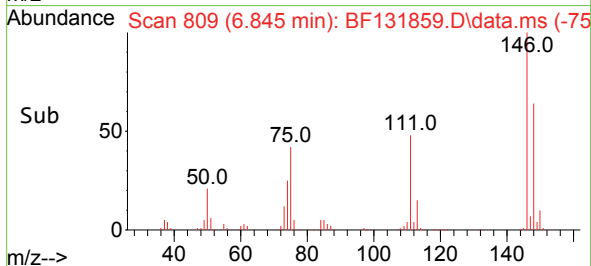
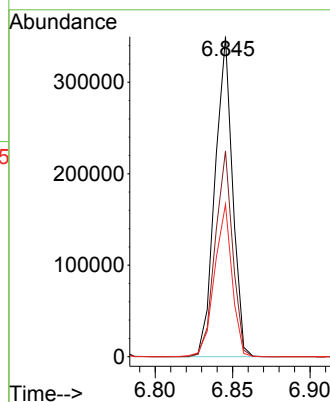
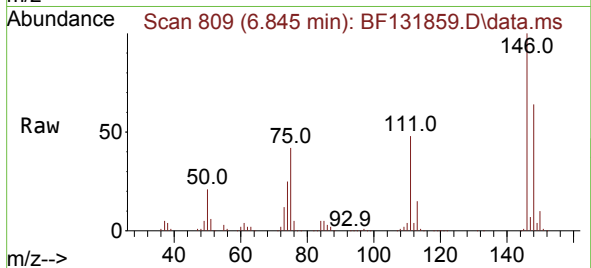
Tgt Ion:146 Resp: 275300

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

111 47.6 40.1 60.1



#14

1,2-Dichlorobenzene

Concen: 40.817 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

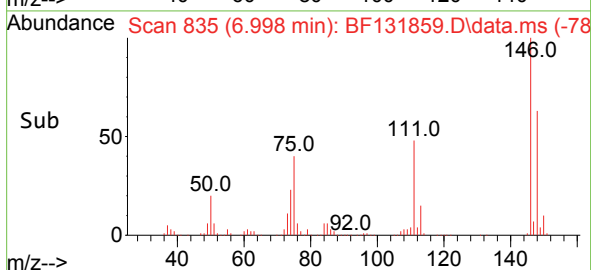
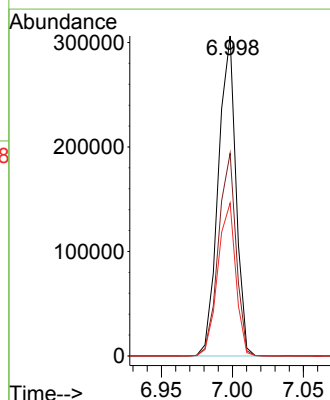
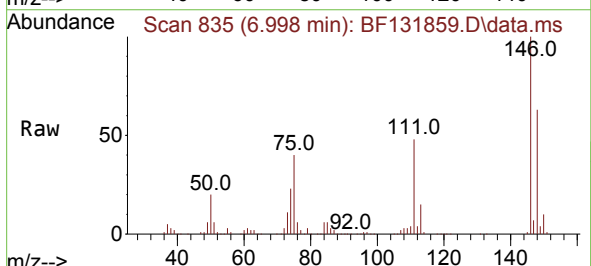
Tgt Ion:146 Resp: 264018

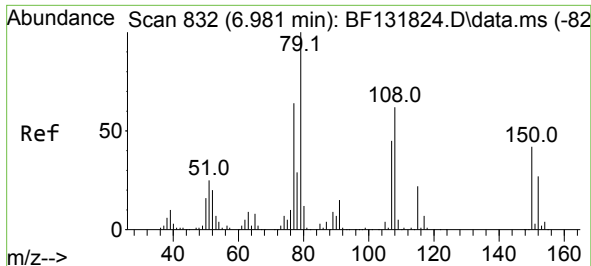
Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.4

111 47.8 38.2 57.4

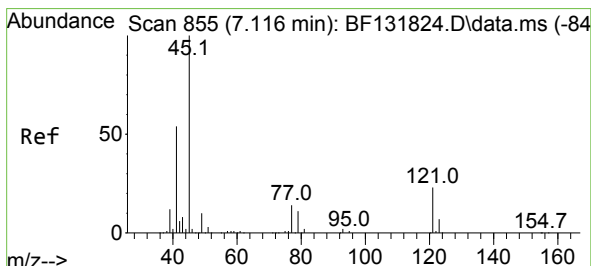
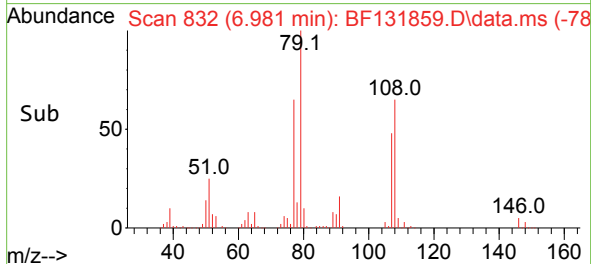
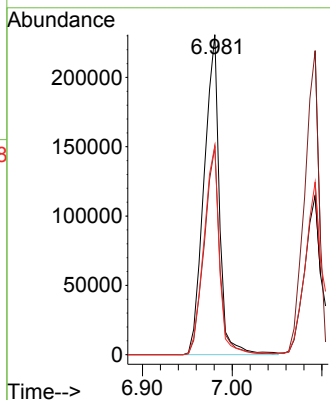
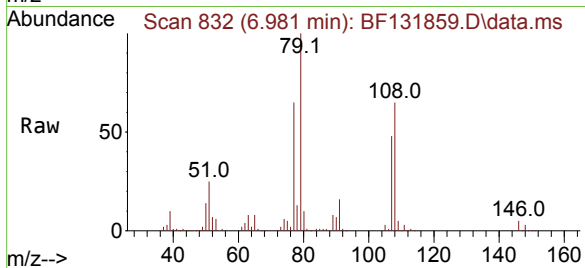




#15  
Benzyl Alcohol  
Concen: 42.057 ng  
RT: 6.981 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

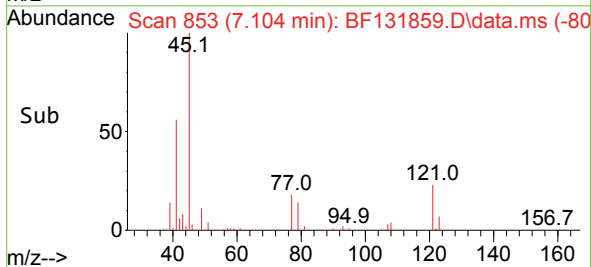
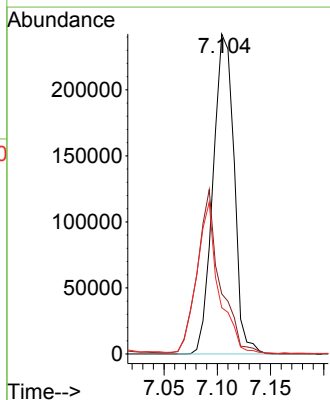
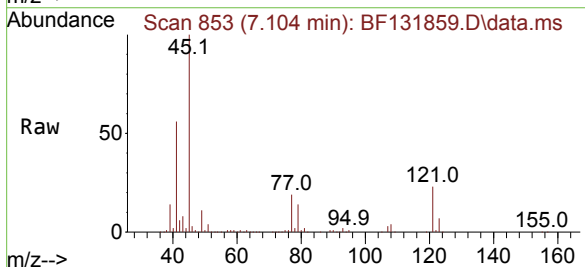
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

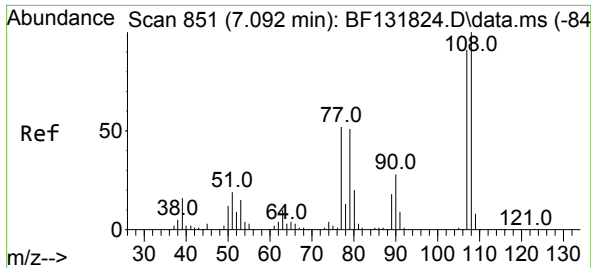
Tgt Ion: 79 Resp: 274900  
Ion Ratio Lower Upper  
79 100  
108 65.0 49.8 74.8  
77 65.3 51.4 77.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.055 ng  
RT: 7.104 min Scan# 853  
Delta R.T. -0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion: 45 Resp: 332557  
Ion Ratio Lower Upper  
45 100  
77 18.8 0.0 36.1  
79 14.5 0.0 33.3

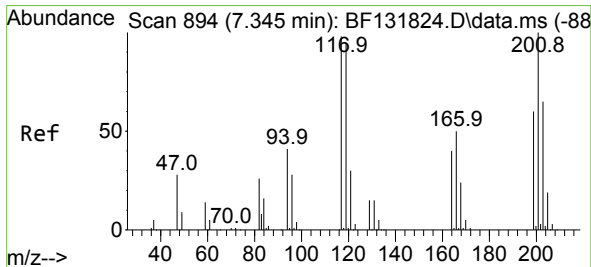
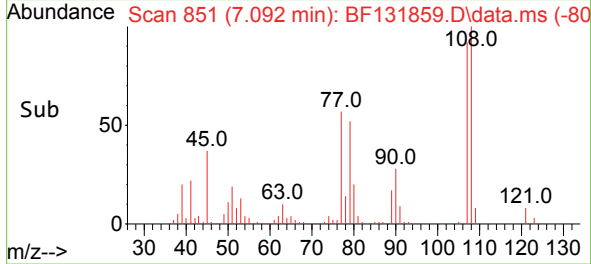
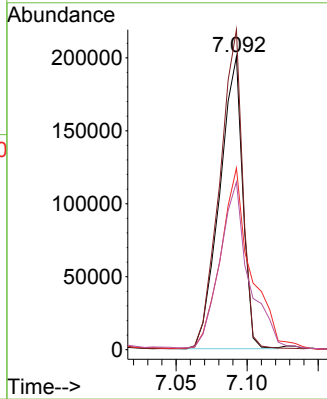
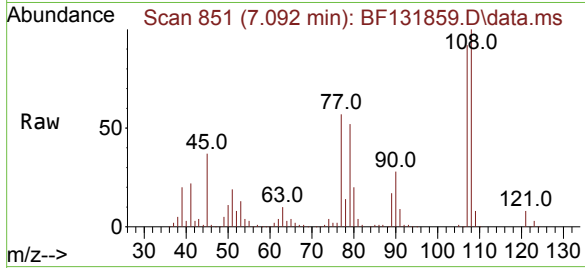




#17  
2-Methylphenol  
Concen: 41.401 ng  
RT: 7.092 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

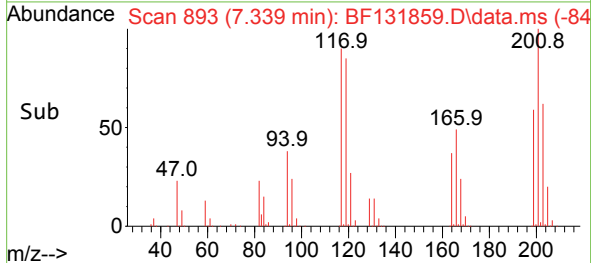
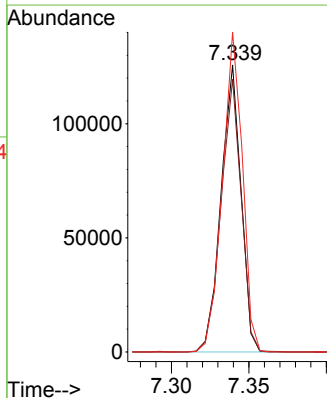
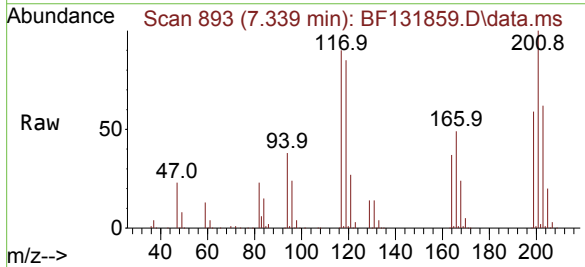
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

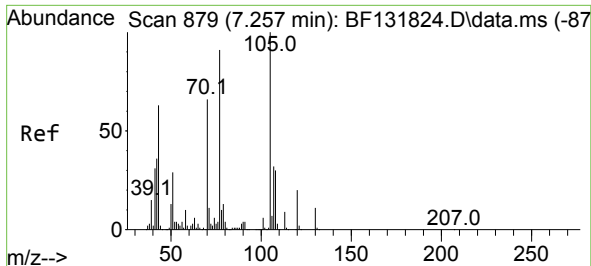
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 226226 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.2 | 87.6  | 131.4  |
| 77       | 62.0  | 45.8  | 68.8   |
| 79       | 57.2  | 45.1  | 67.7   |



#18  
Hexachloroethane  
Concen: 40.517 ng  
RT: 7.339 min Scan# 893  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 112624 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.0  | 76.5  | 114.7  |
| 201      | 111.5 | 81.7  | 122.5  |



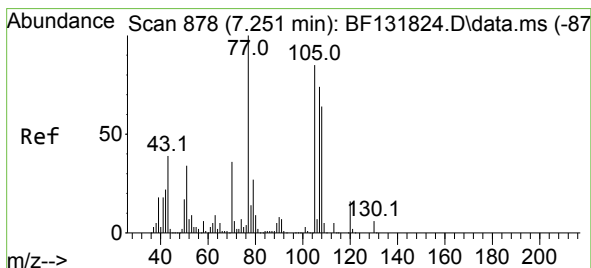
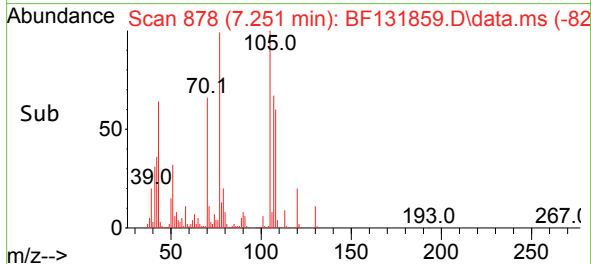
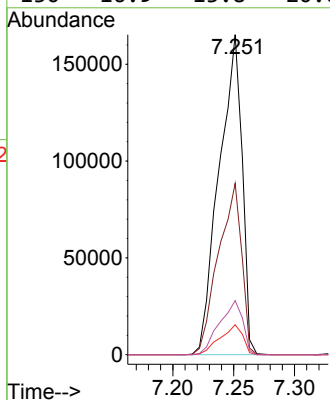
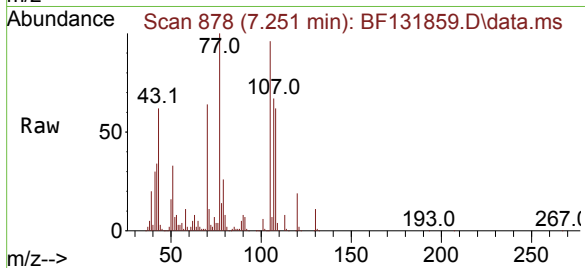


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.187 ng  
RT: 7.251 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

Tgt Ion: 70 Resp: 216816

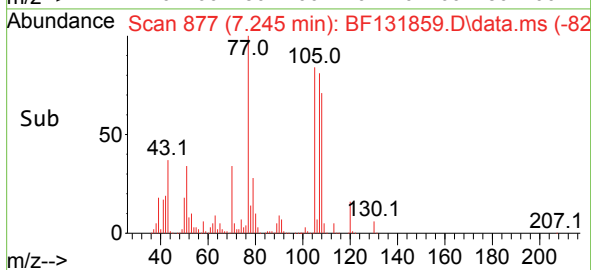
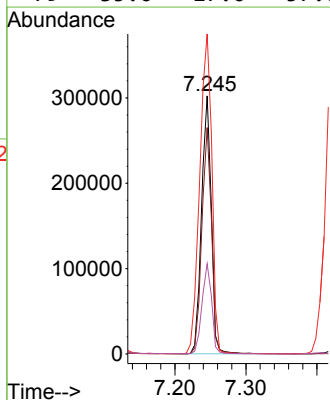
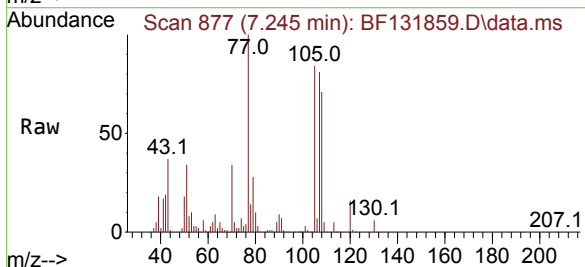
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 53.6  | 43.8  | 65.6  |
| 101 | 9.3   | 7.4   | 11.0  |
| 130 | 16.9  | 13.8  | 20.6  |

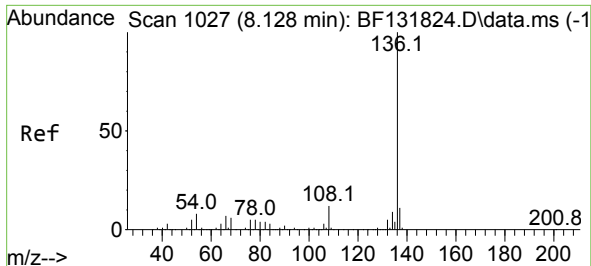


#20  
3+4-Methylphenols  
Concen: 40.676 ng  
RT: 7.245 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion: 107 Resp: 290006

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.7  | 67.1  | 107.1 |
| 77  | 124.0 | 114.9 | 154.9 |
| 79  | 35.0  | 17.0  | 57.0  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

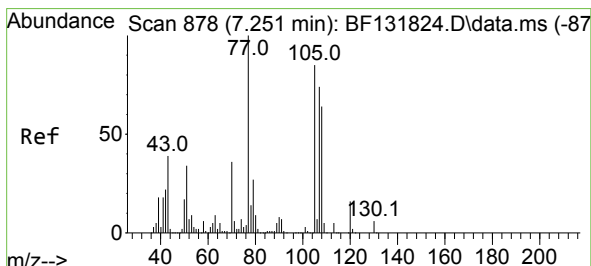
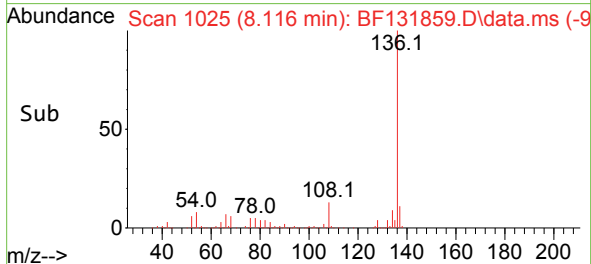
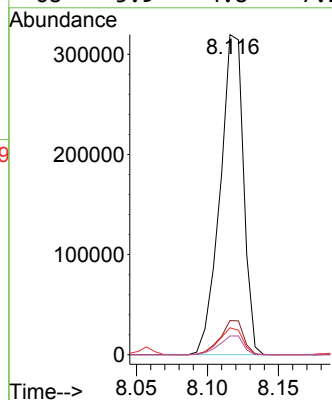
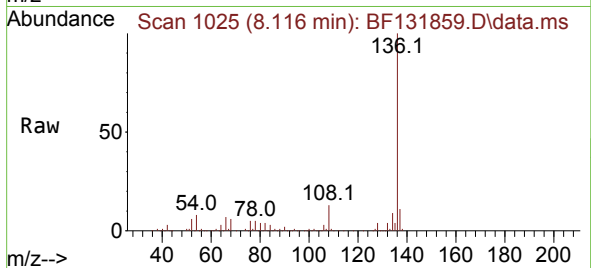
Instrument :

BNA\_F

ClientSampleId :

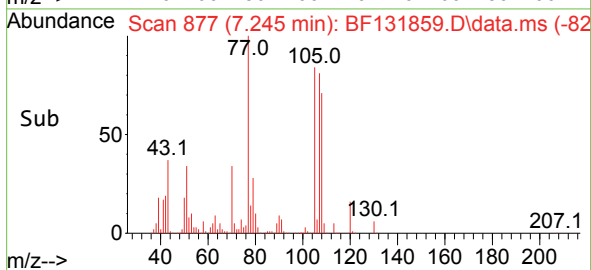
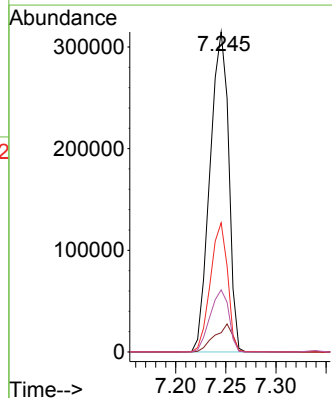
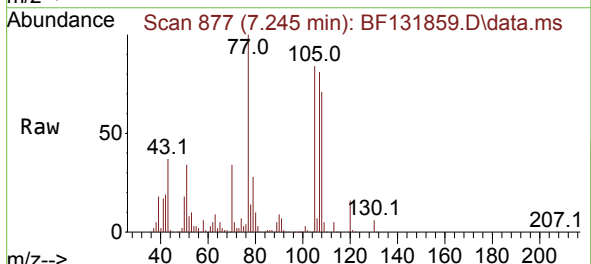
PB149939BS

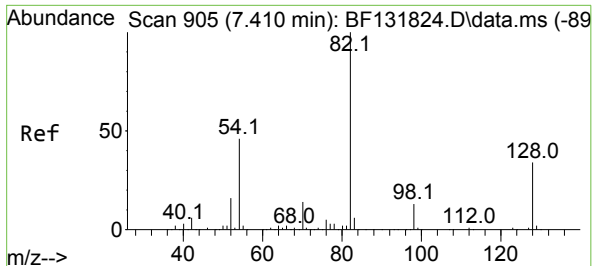
Tgt Ion:136 Resp: 365992  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 12.8  
54 8.4 6.7 10.1  
68 5.9 4.8 7.2



#22  
Acetophenone  
Concen: 38.103 ng  
RT: 7.245 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:105 Resp: 408839  
Ion Ratio Lower Upper  
105 100  
71 6.0 5.4 8.0  
51 40.4 31.9 47.9  
120 19.4 15.2 22.8





#23

Nitrobenzene-d5

Concen: 69.464 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

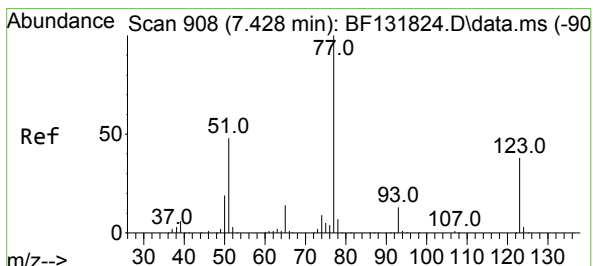
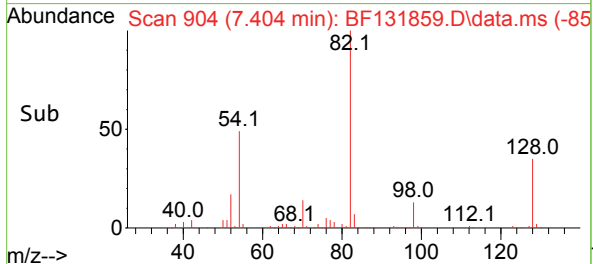
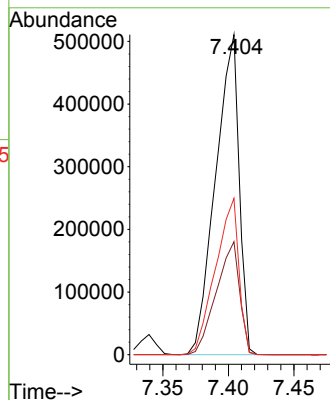
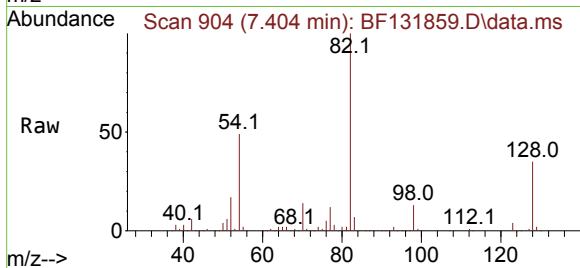
Tgt Ion: 82 Resp: 636763

Ion Ratio Lower Upper

82 100

128 35.3 27.1 40.7

54 48.9 37.0 55.6



#24

Nitrobenzene

Concen: 36.823 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

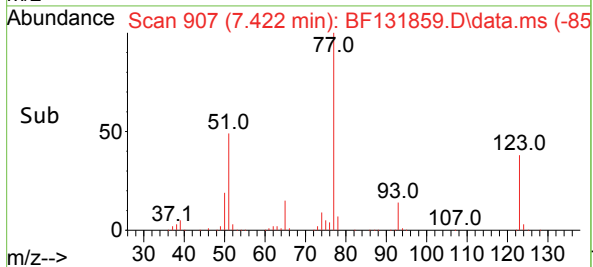
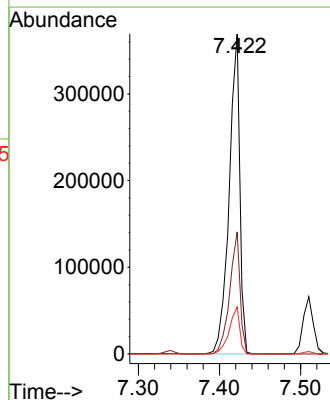
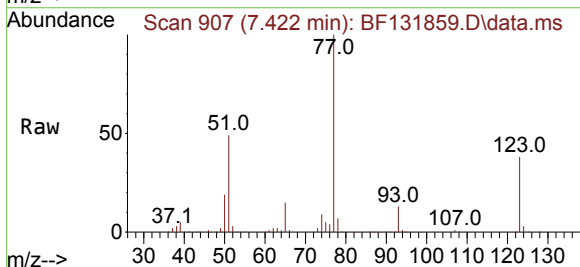
Tgt Ion: 77 Resp: 338284

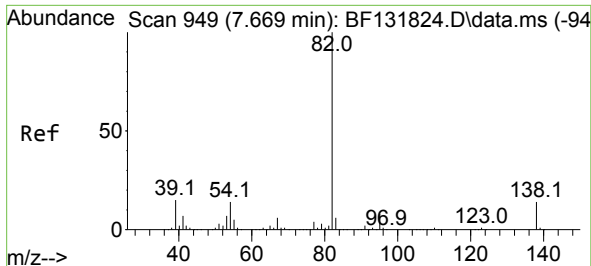
Ion Ratio Lower Upper

77 100

123 38.2 30.4 45.6

65 14.7 11.1 16.7

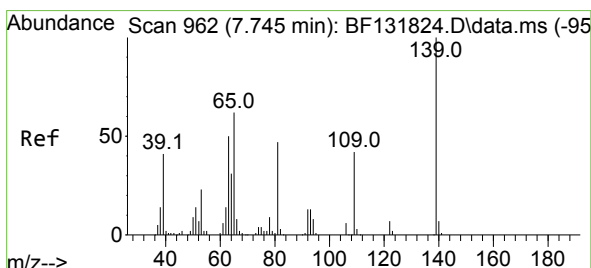
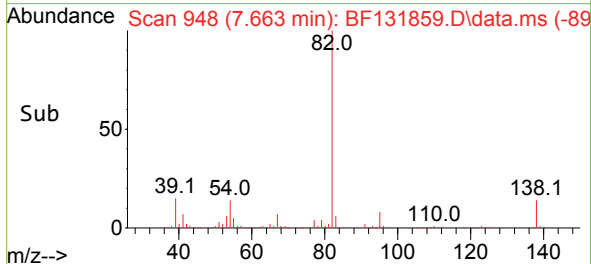
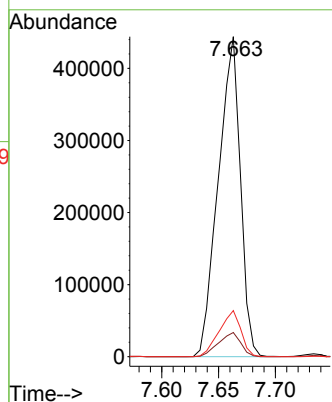
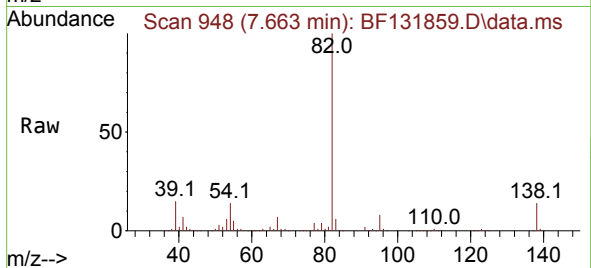




#25  
Isophorone  
Concen: 40.055 ng  
RT: 7.663 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

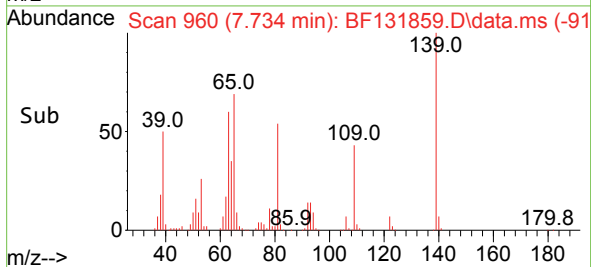
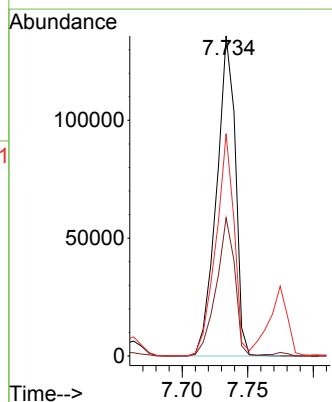
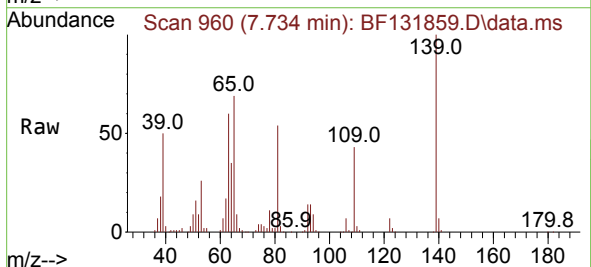
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

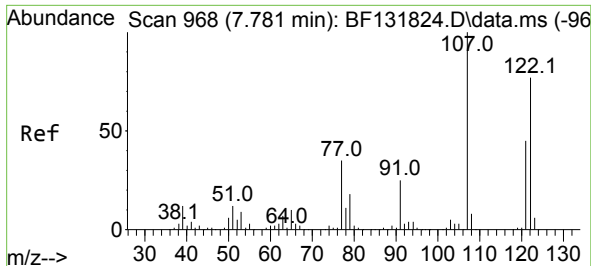
Tgt Ion: 82 Resp: 599628  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.2 9.4  
138 14.4 11.5 17.3



#26  
2-Nitrophenol  
Concen: 37.901 ng  
RT: 7.734 min Scan# 960  
Delta R.T. -0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:139 Resp: 135378  
Ion Ratio Lower Upper  
139 100  
109 43.1 33.7 50.5  
65 69.5 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 44.165 ng

RT: 7.775 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

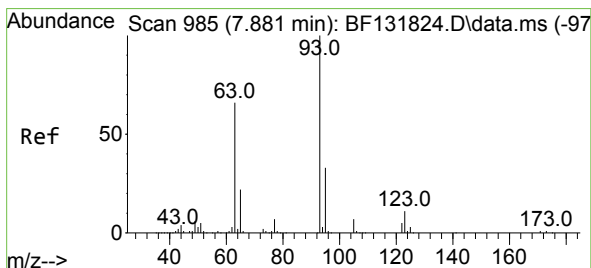
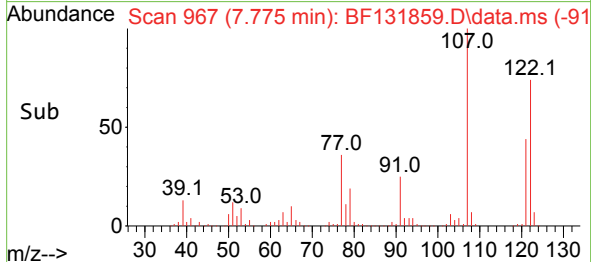
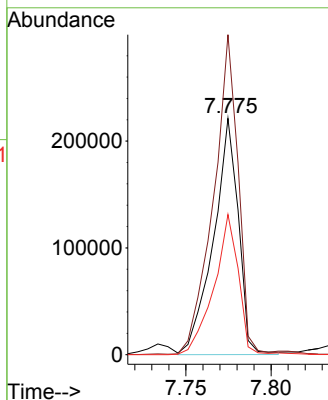
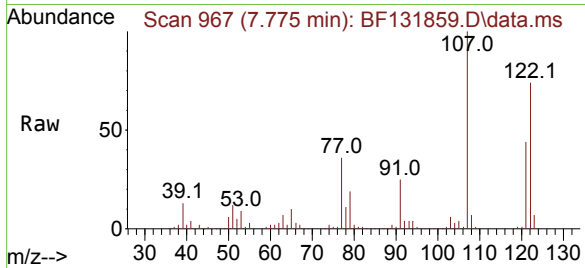
Tgt Ion:122 Resp: 225021

Ion Ratio Lower Upper

122 100

107 135.4 104.4 156.6

121 59.3 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 40.947 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.012 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

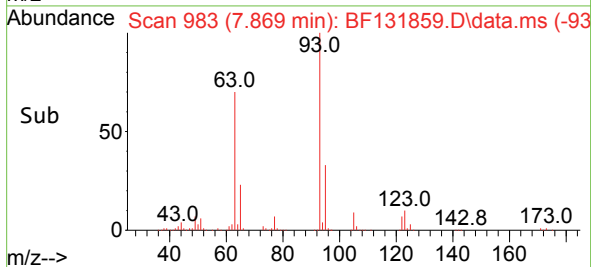
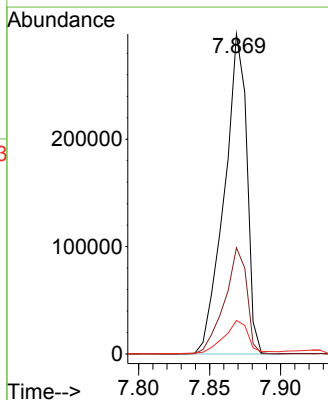
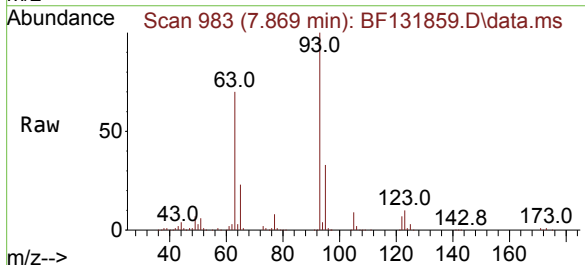
Tgt Ion: 93 Resp: 328854

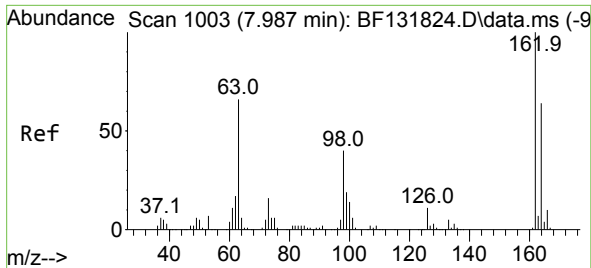
Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

123 10.5 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 38.041 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

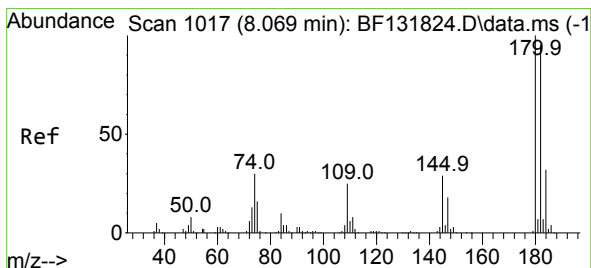
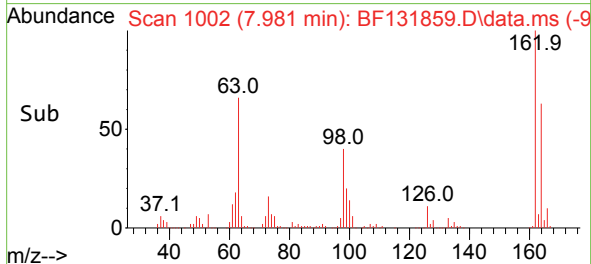
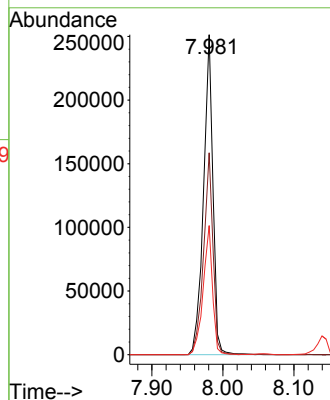
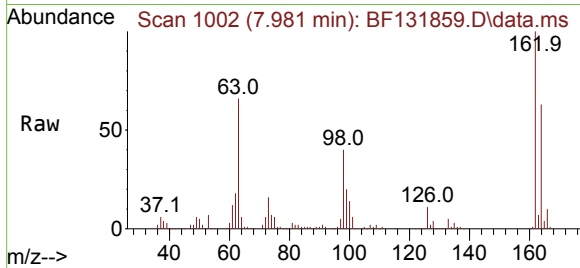
Tgt Ion:162 Resp: 233512

Ion Ratio Lower Upper

162 100

164 63.1 44.1 84.1

98 40.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 36.463 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

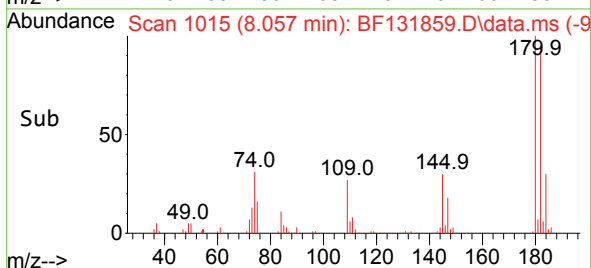
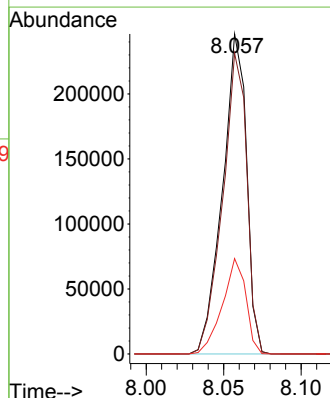
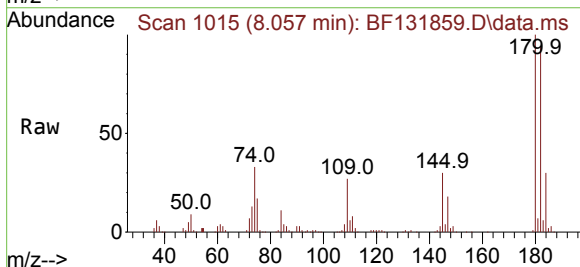
Tgt Ion:180 Resp: 265372

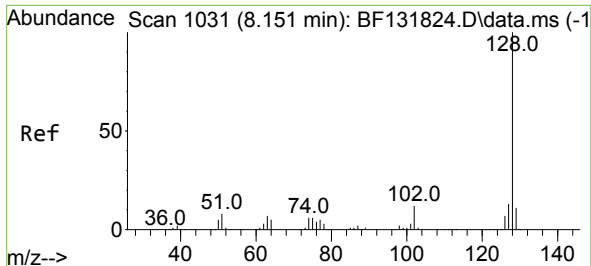
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.4

145 29.8 23.3 34.9

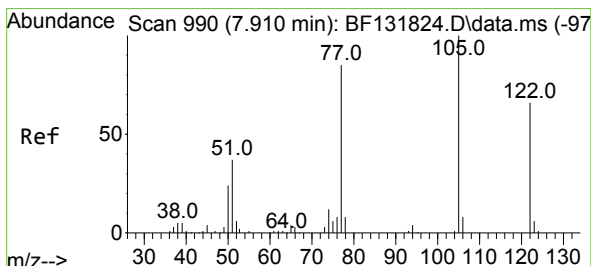
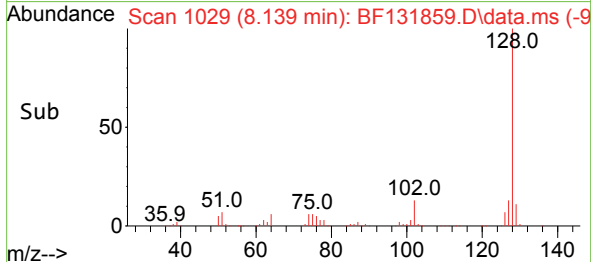
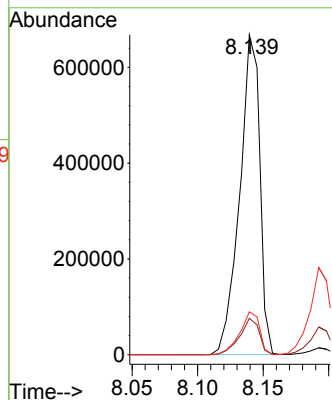
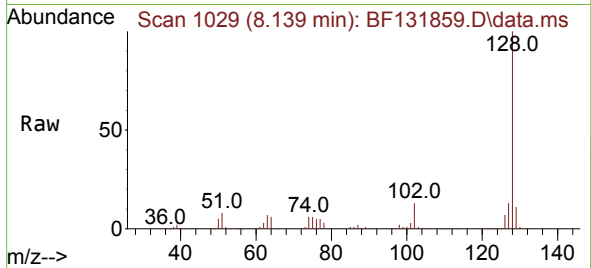




#31  
Naphthalene  
Concen: 35.667 ng  
RT: 8.139 min Scan# 1031  
Delta R.T. -0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

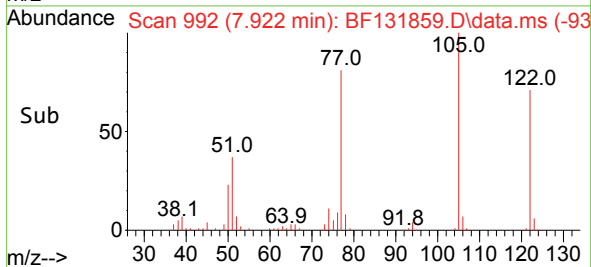
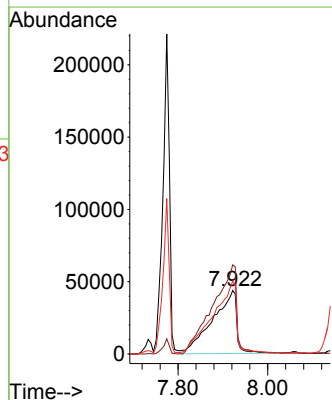
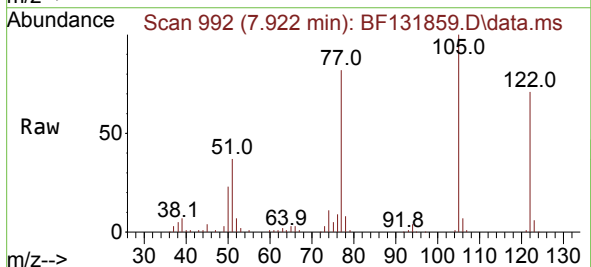
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

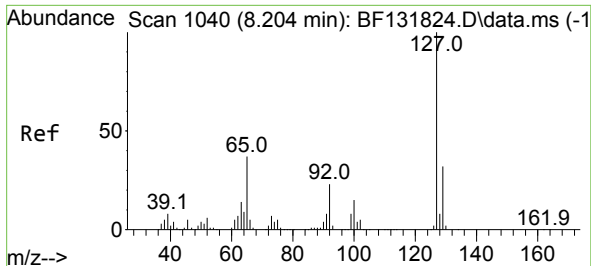
Tgt Ion:128 Resp: 714899  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 13.0  
127 13.4 10.6 15.8



#32  
Benzoic acid  
Concen: 43.836 ng  
RT: 7.922 min Scan# 992  
Delta R.T. 0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:122 Resp: 163246  
Ion Ratio Lower Upper  
122 100  
105 140.6 127.9 167.9  
77 114.8 106.9 146.9





#33  
4-Chloroaniline  
Concen: 27.147 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

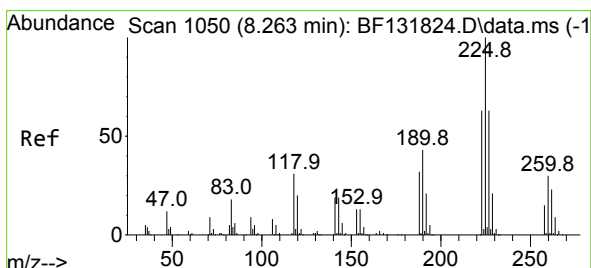
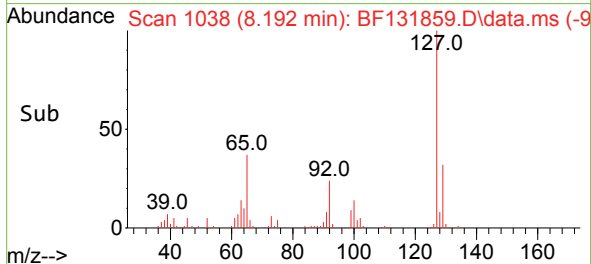
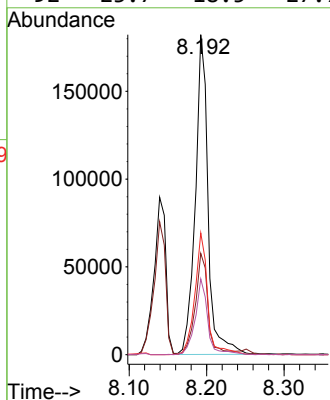
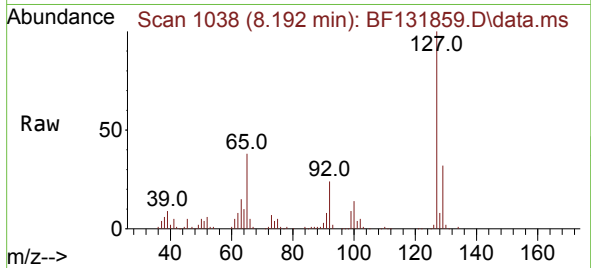
Instrument :

BNA\_F

ClientSampleId :

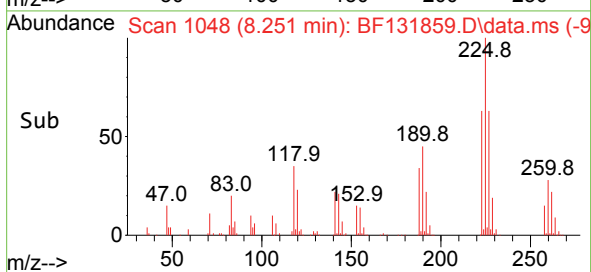
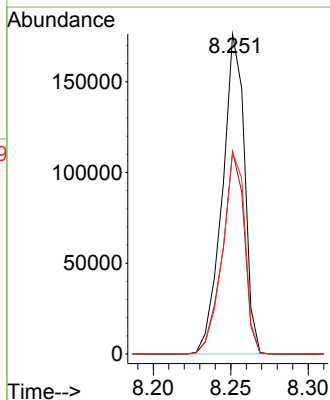
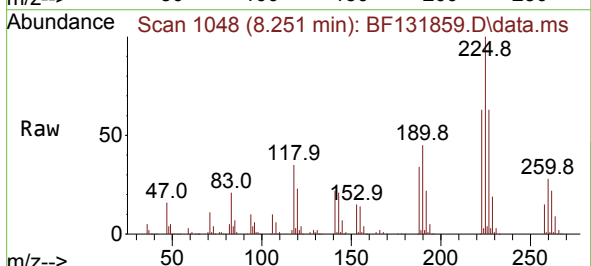
PB149939BS

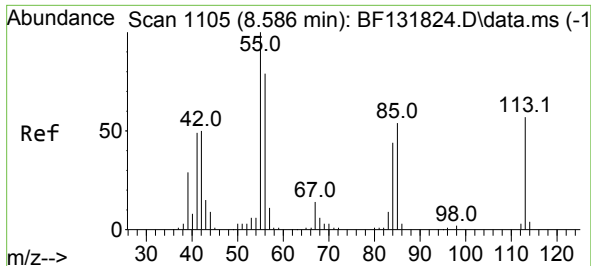
Tgt Ion:127 Resp: 208783  
Ion Ratio Lower Upper  
127 100  
129 31.7 25.8 38.8  
65 38.1 29.7 44.5  
92 23.7 18.5 27.7



#34  
Hexachlorobutadiene  
Concen: 35.254 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. -0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:225 Resp: 175538  
Ion Ratio Lower Upper  
225 100  
223 63.3 50.0 75.0  
227 63.1 50.8 76.2





#35

Caprolactam

Concen: 20.718 ng

RT: 8.586 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

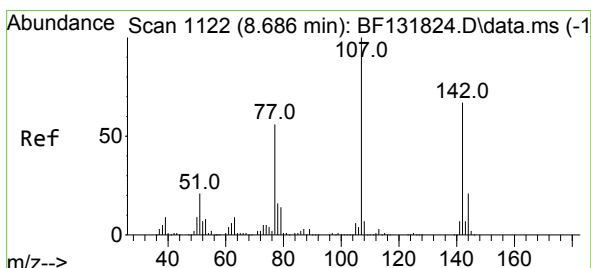
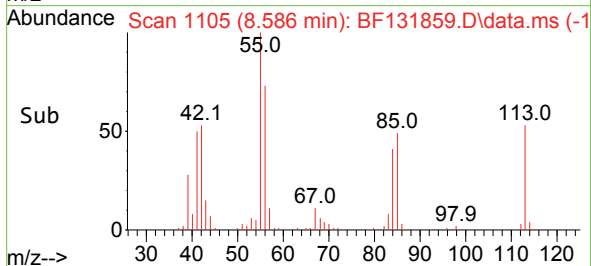
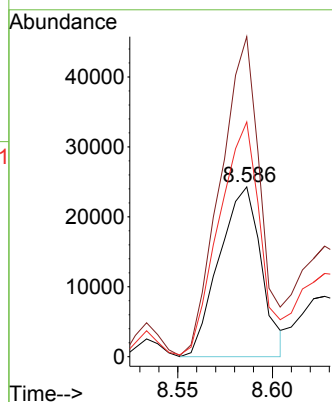
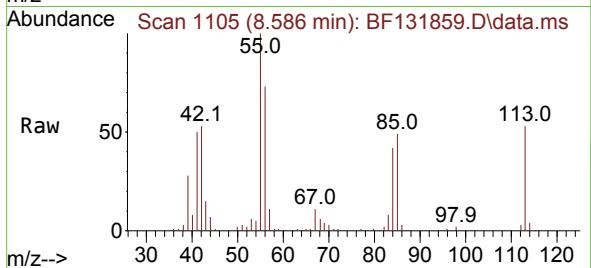
Tgt Ion:113 Resp: 37654

Ion Ratio Lower Upper

113 100

55 188.5 153.3 193.3

56 138.3 116.3 156.3



#36

4-Chloro-3-methylphenol

Concen: 39.493 ng

RT: 8.686 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

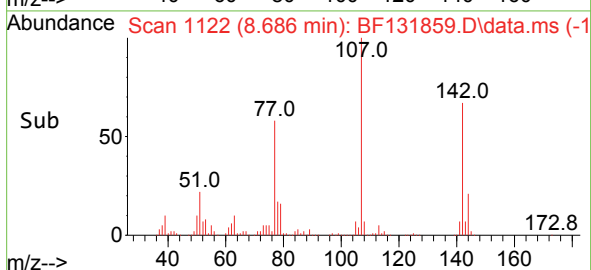
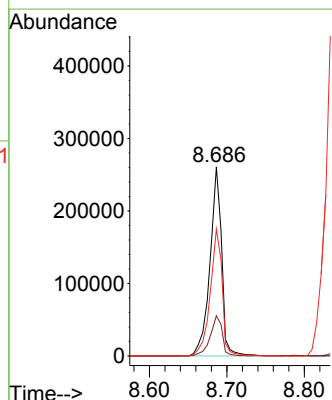
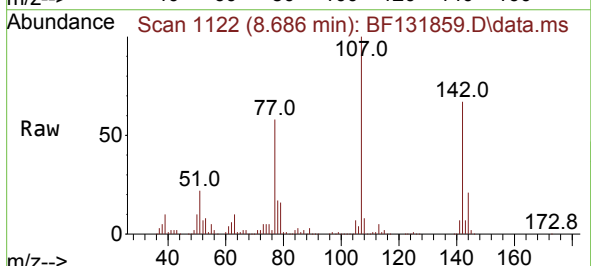
Tgt Ion:107 Resp: 273988

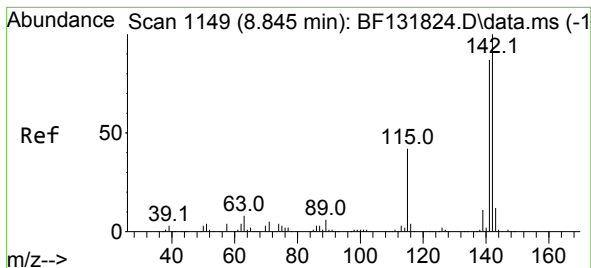
Ion Ratio Lower Upper

107 100

144 21.2 16.8 25.2

142 67.0 53.8 80.8

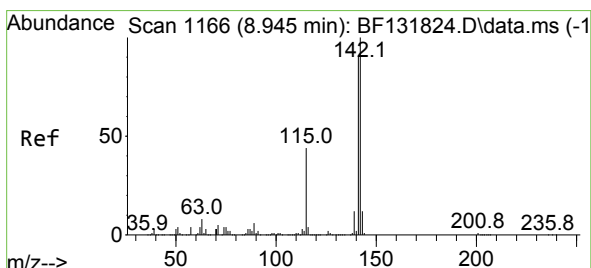
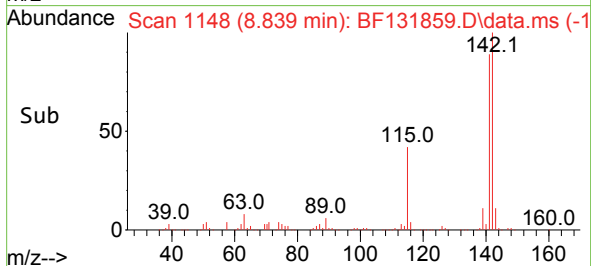
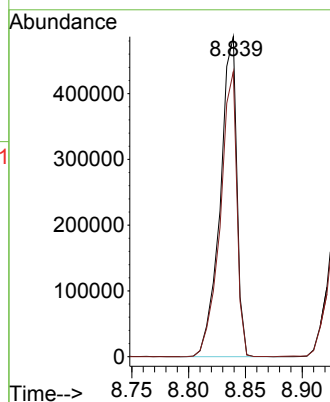
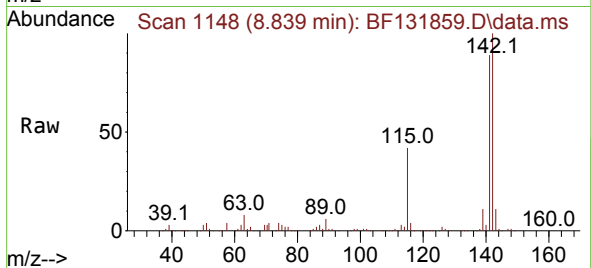




#37  
2-Methylnaphthalene  
Concen: 37.090 ng  
RT: 8.839 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

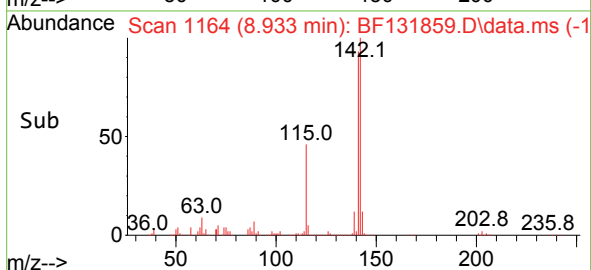
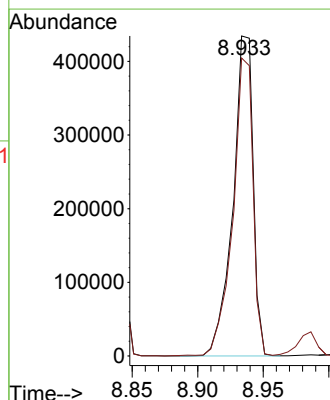
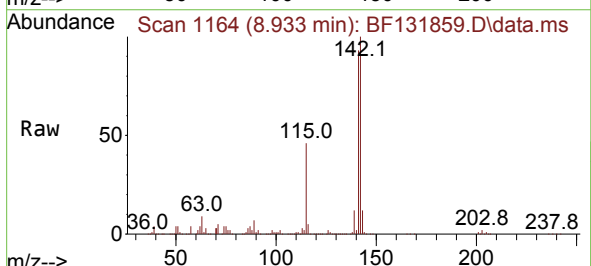
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

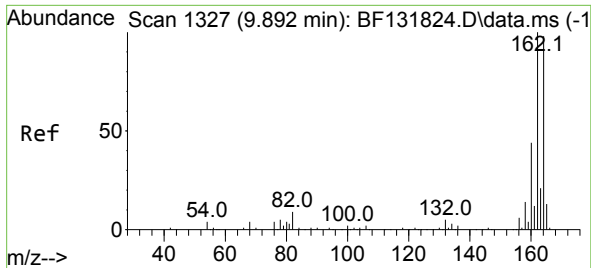
Tgt Ion:142 Resp: 498939  
Ion Ratio Lower Upper  
142 100  
141 89.0 69.8 104.8



#38  
1-Methylnaphthalene  
Concen: 35.841 ng  
RT: 8.933 min Scan# 1164  
Delta R.T. -0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:142 Resp: 468327  
Ion Ratio Lower Upper  
142 100  
141 93.1 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

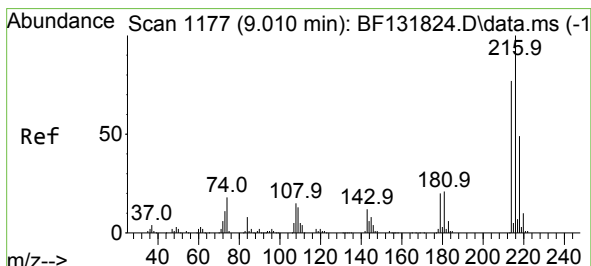
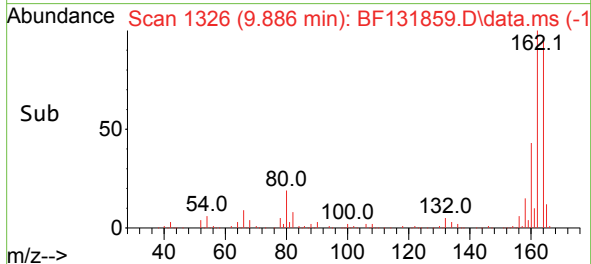
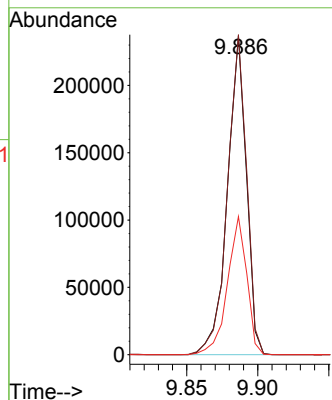
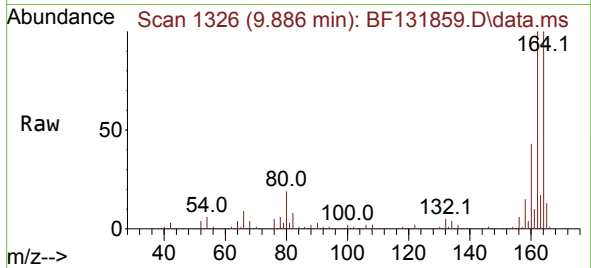
Tgt Ion:164 Resp: 220471

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.6

160 43.3 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.068 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Tgt Ion:216 Resp: 286952

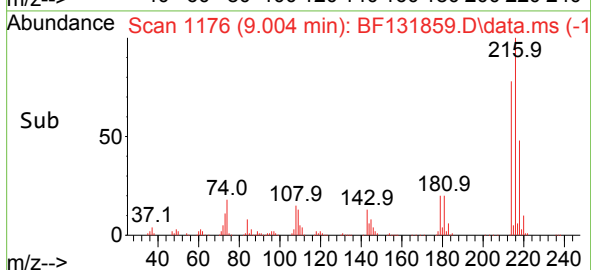
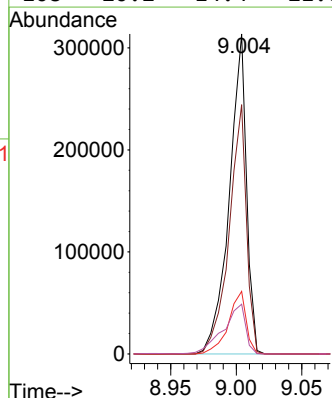
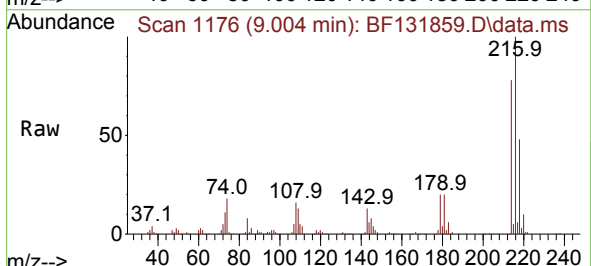
Ion Ratio Lower Upper

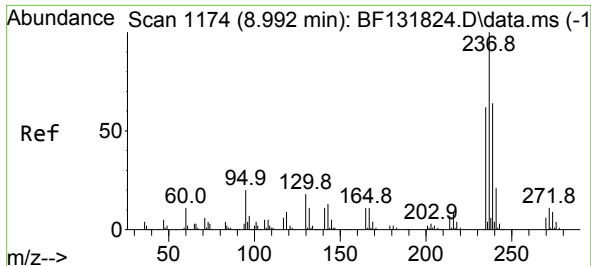
216 100

214 78.1 63.0 94.4

179 20.1 16.4 24.6

108 20.2 14.4 21.6

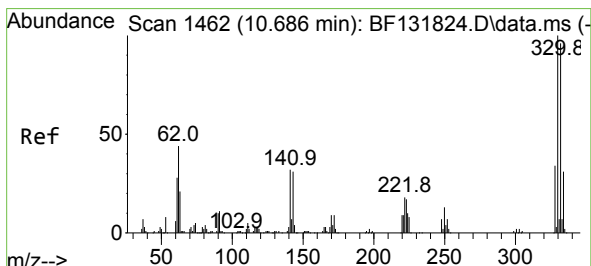
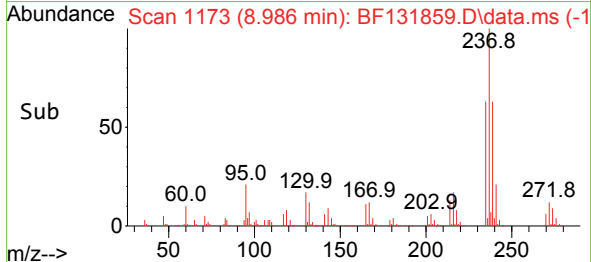
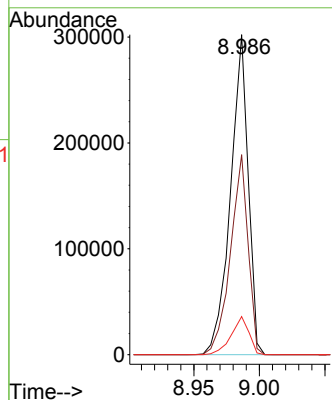
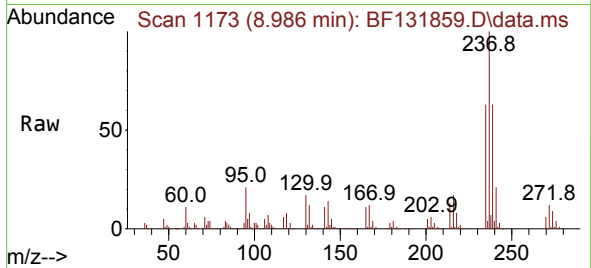




#41  
Hexachlorocyclopentadiene  
Concen: 81.647 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

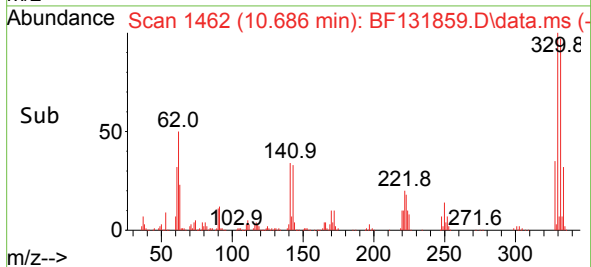
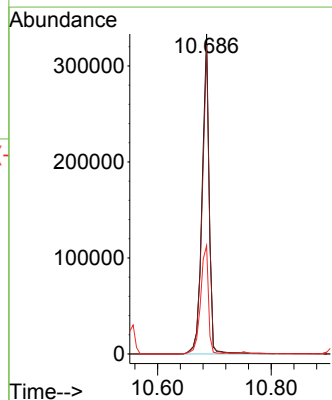
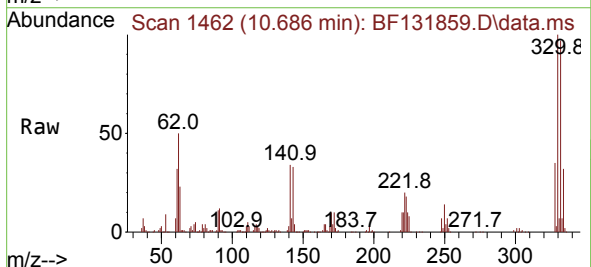
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

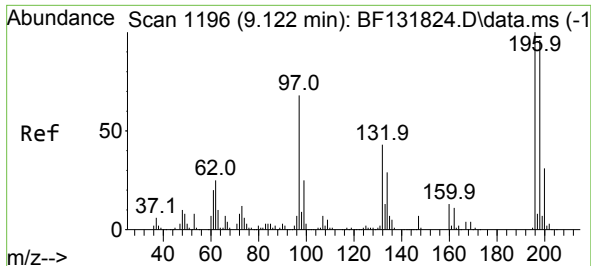
Tgt Ion:237 Resp: 283321  
Ion Ratio Lower Upper  
237 100  
235 62.5 42.3 82.3  
272 11.9 0.0 31.4



#42  
2,4,6-Tribromophenol  
Concen: 120.176 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:330 Resp: 287872  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.0 115.4  
141 37.9 31.0 46.4

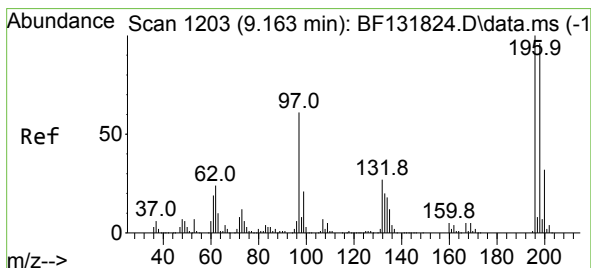
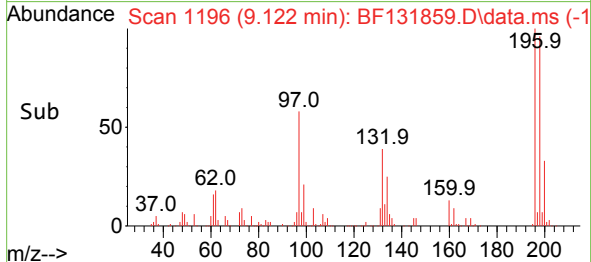
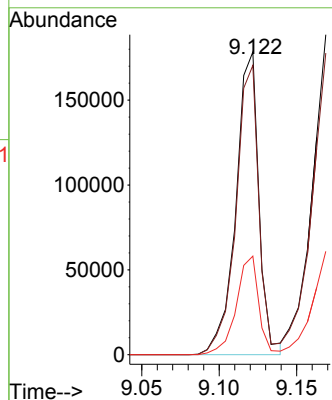
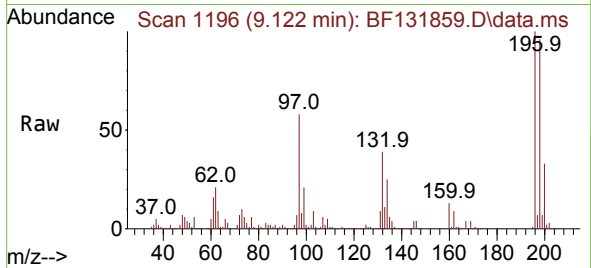




#43  
 2,4,6-Trichlorophenol  
 Concen: 37.170 ng  
 RT: 9.122 min Scan# 1196  
 Delta R.T. -0.000 min  
 Lab File: BF131859.D  
 Acq: 28 Dec 2022 14:13

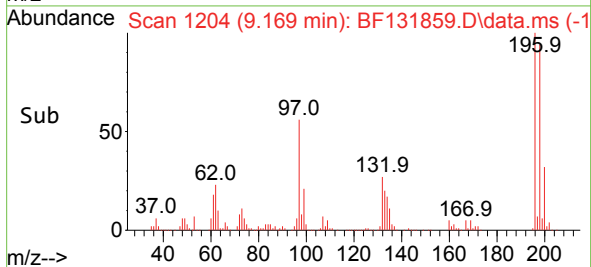
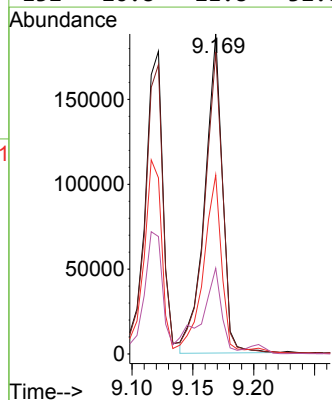
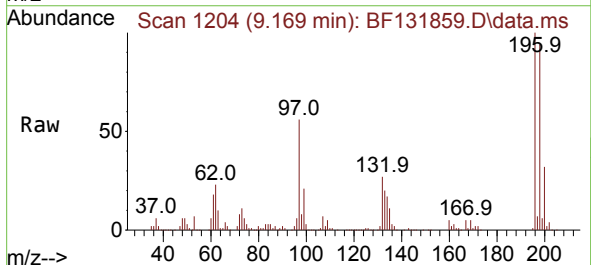
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149939BS

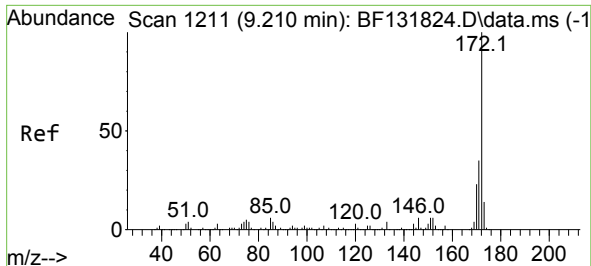
Tgt Ion:196 Resp: 184289  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 76.5 114.7  
 200 32.6 24.5 36.7



#44  
 2,4,5-Trichlorophenol  
 Concen: 35.490 ng  
 RT: 9.169 min Scan# 1204  
 Delta R.T. 0.006 min  
 Lab File: BF131859.D  
 Acq: 28 Dec 2022 14:13

Tgt Ion:196 Resp: 190210  
 Ion Ratio Lower Upper  
 196 100  
 198 94.3 76.6 115.0  
 97 55.9 49.3 73.9  
 132 26.8 21.8 32.8

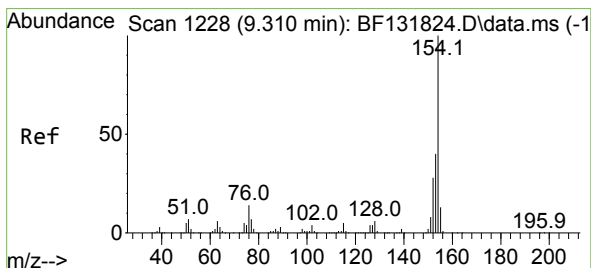
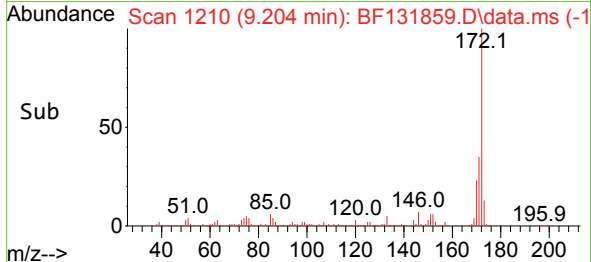
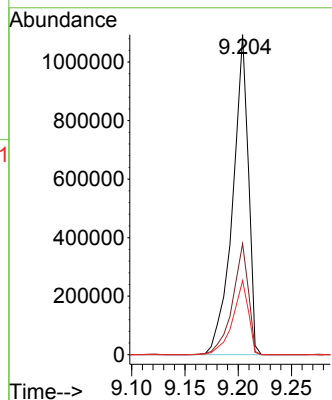
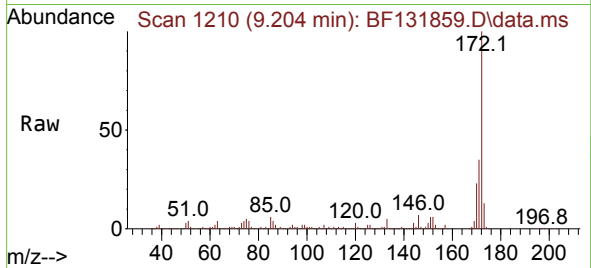




#45  
2-Fluorobiphenyl  
Concen: 69.532 ng  
RT: 9.204 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

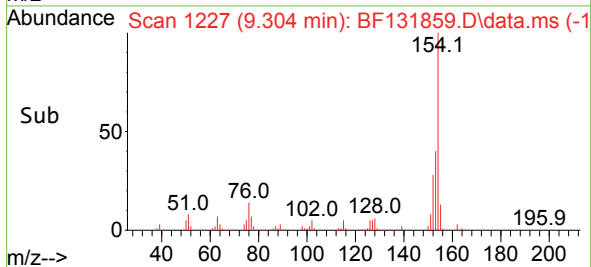
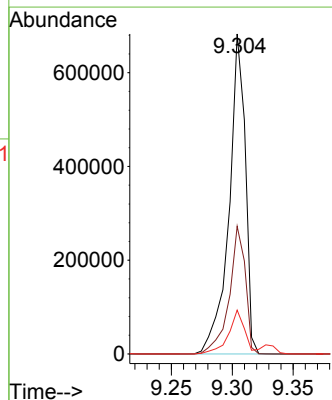
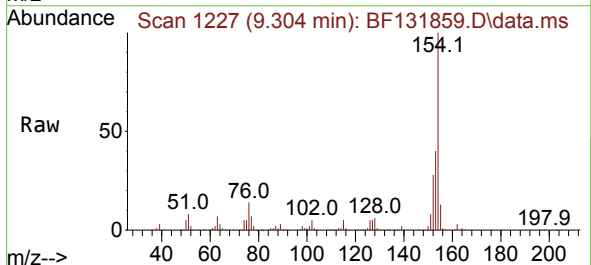
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

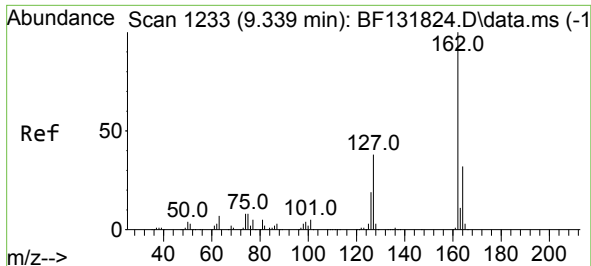
Tgt Ion:172 Resp: 1119187  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.9 41.9  
170 23.2 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 37.676 ng  
RT: 9.304 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:154 Resp: 635942  
Ion Ratio Lower Upper  
154 100  
153 39.9 19.8 59.8  
76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 36.304 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

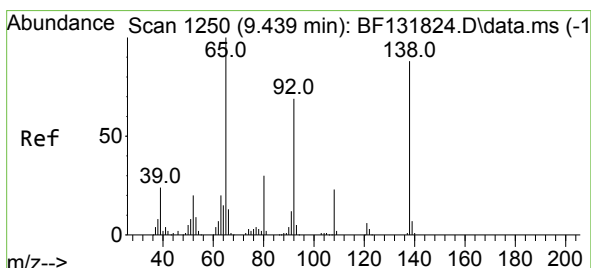
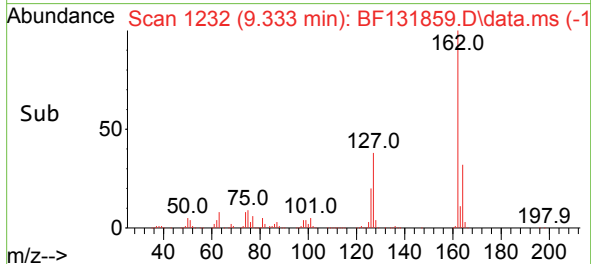
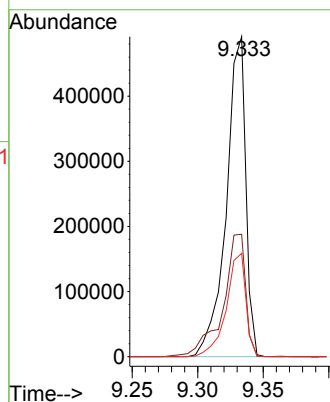
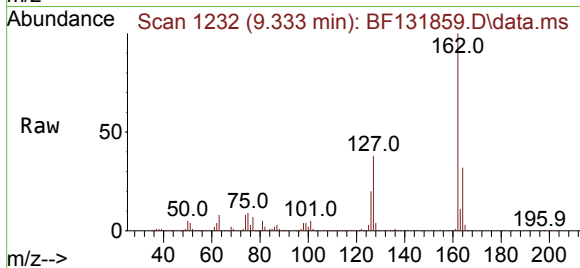
Tgt Ion:162 Resp: 506960

Ion Ratio Lower Upper

162 100

127 38.2 31.0 46.6

164 32.3 25.9 38.9



#48

2-Nitroaniline

Concen: 36.668 ng

RT: 9.433 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

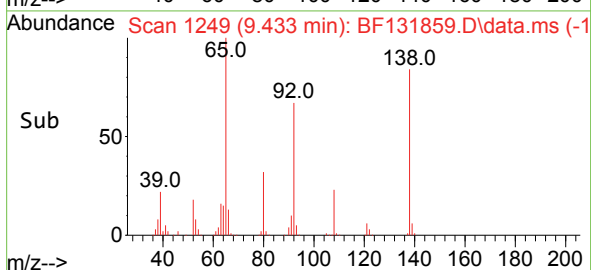
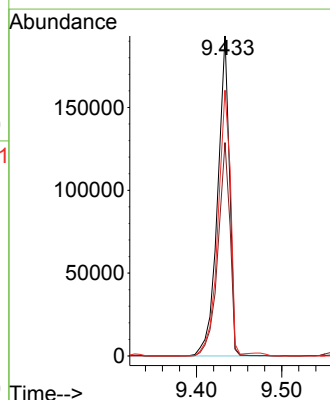
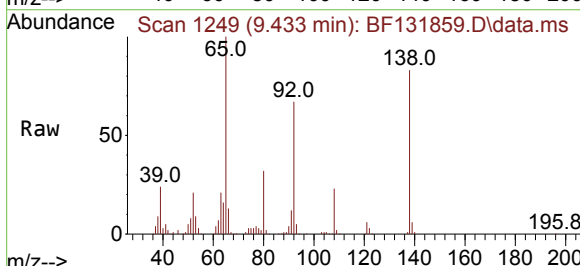
Tgt Ion: 65 Resp: 187685

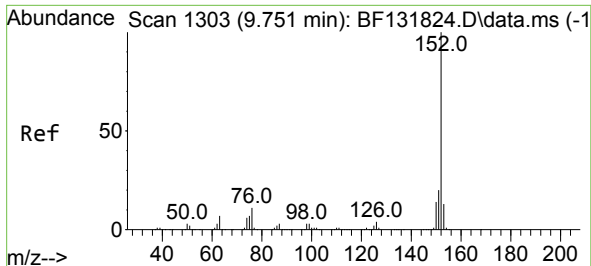
Ion Ratio Lower Upper

65 100

92 66.7 55.0 82.6

138 83.1 70.4 105.6

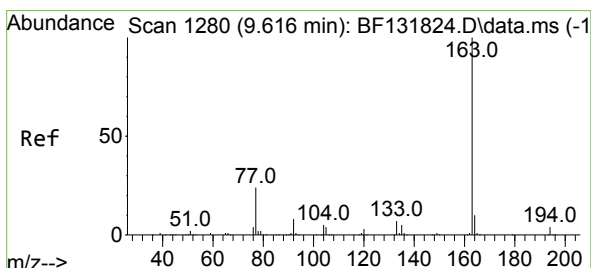
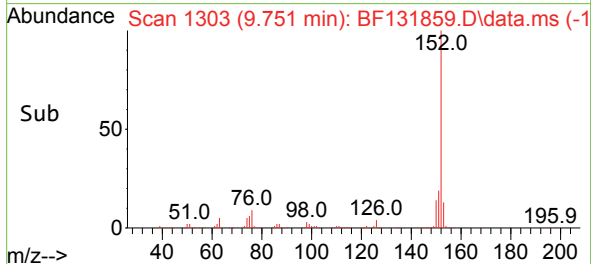
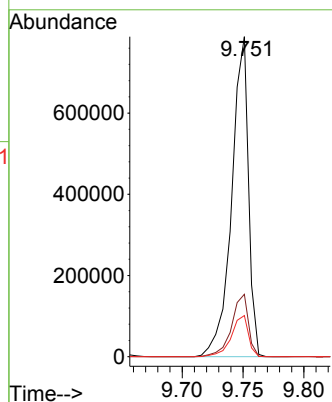
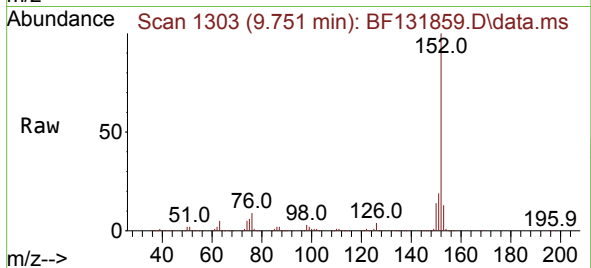




#49  
Acenaphthylene  
Concen: 36.367 ng  
RT: 9.751 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

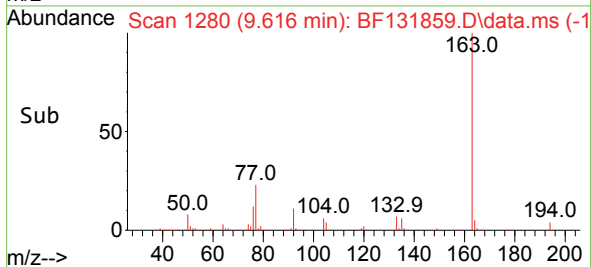
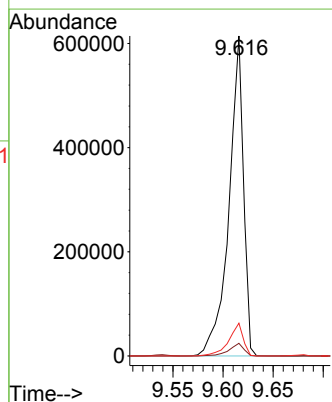
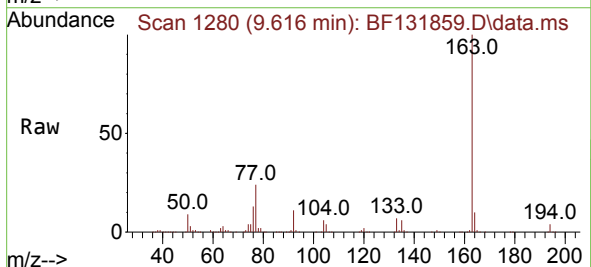
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

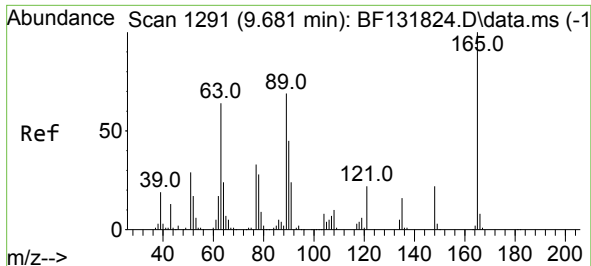
Tgt Ion:152 Resp: 756195  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.6  
153 12.9 10.2 15.4



#50  
Dimethylphthalate  
Concen: 37.125 ng  
RT: 9.616 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

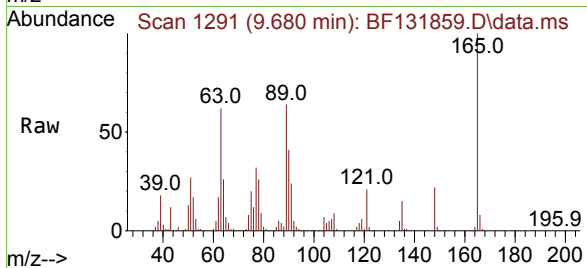
Tgt Ion:163 Resp: 619217  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.6  
164 10.2 8.2 12.4



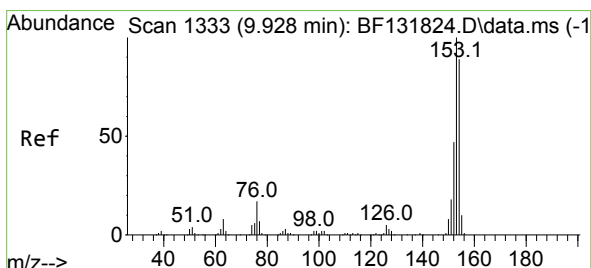
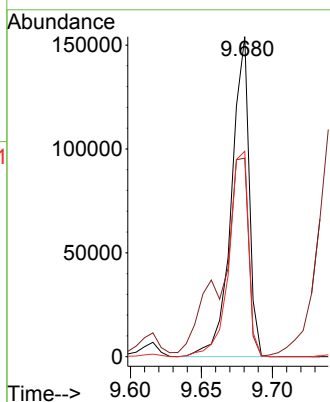
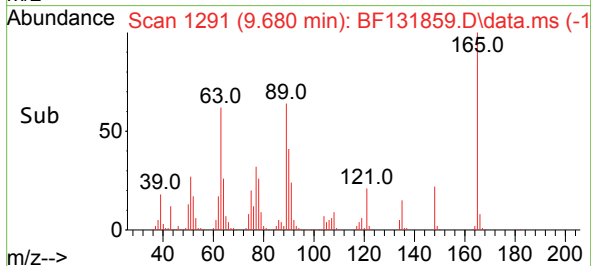


#51  
2,6-Dinitrotoluene  
Concen: 37.193 ng  
RT: 9.680 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

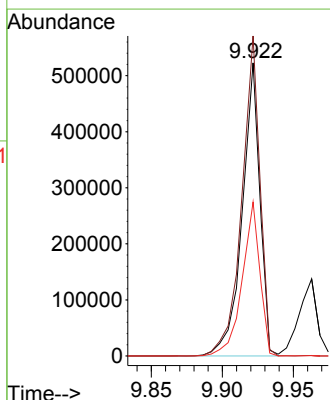
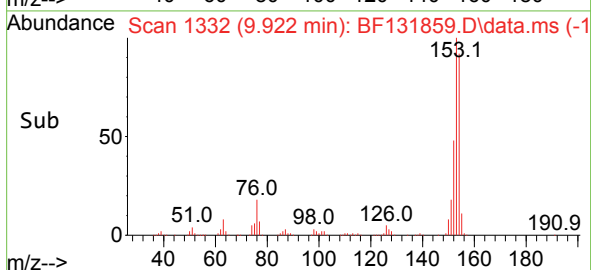
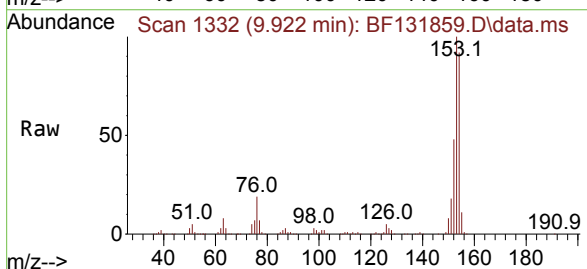


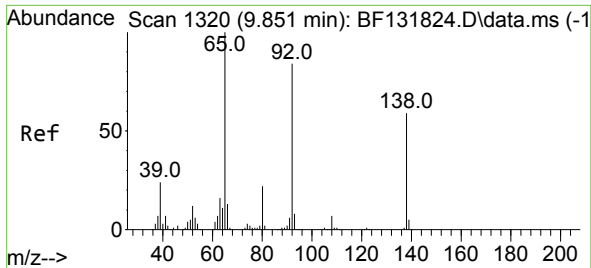
Tgt Ion:165 Resp: 134293  
Ion Ratio Lower Upper  
165 100  
63 62.0 55.1 82.7  
89 64.2 55.0 82.4



#52  
Acenaphthene  
Concen: 36.299 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:154 Resp: 455530  
Ion Ratio Lower Upper  
154 100  
153 109.1 90.2 135.2  
152 52.5 42.5 63.7

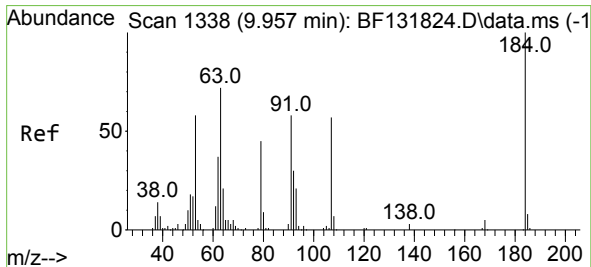
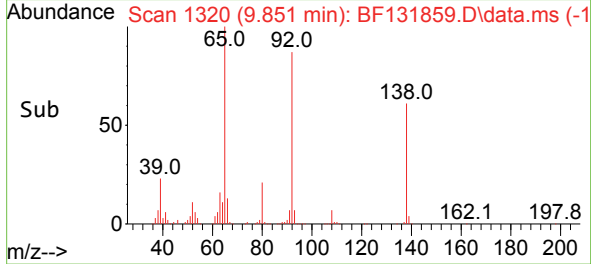
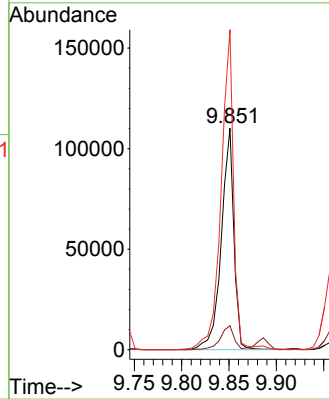
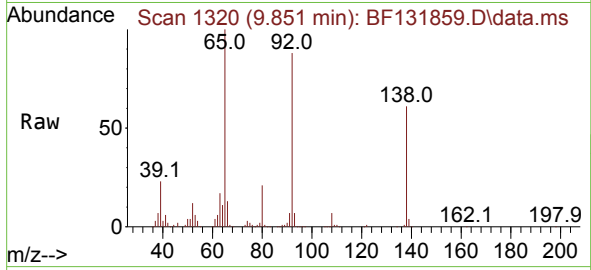




#53  
3-Nitroaniline  
Concen: 27.791 ng  
RT: 9.851 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

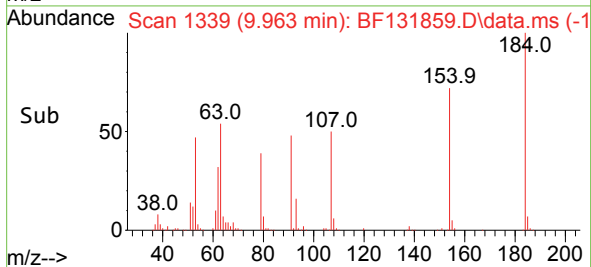
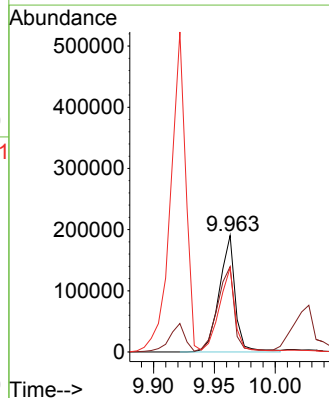
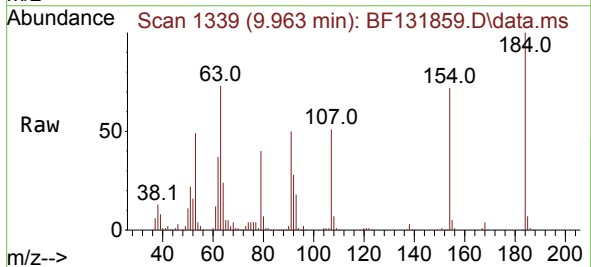
Instrument :  
BNA\_F  
ClientSampleId :  
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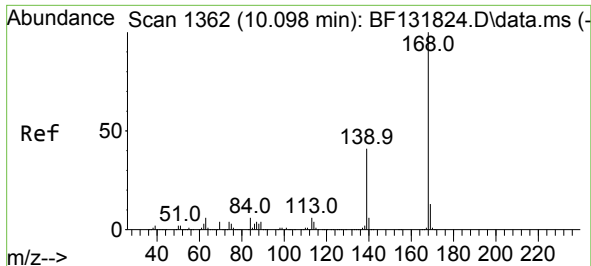
Tgt Ion:138 Resp: 102243  
Ion Ratio Lower Upper  
138 100  
108 10.9 9.3 13.9  
92 144.5 113.9 170.9



#54  
2,4-Dinitrophenol  
Concen: 83.893 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:184 Resp: 174317  
Ion Ratio Lower Upper  
184 100  
63 73.3 66.8 100.2  
154 72.2 61.6 92.4

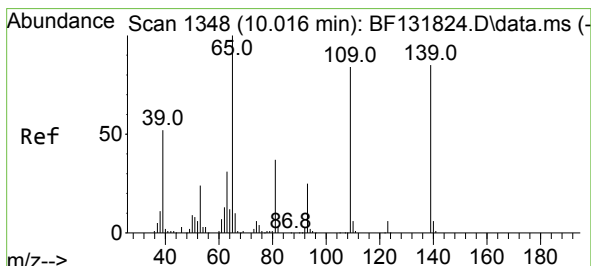
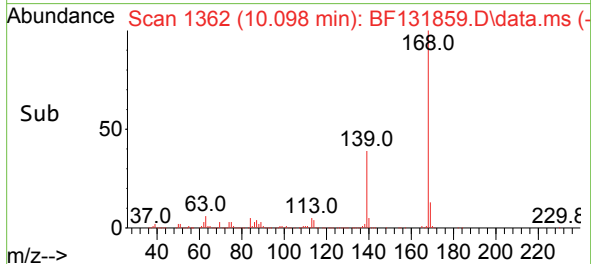
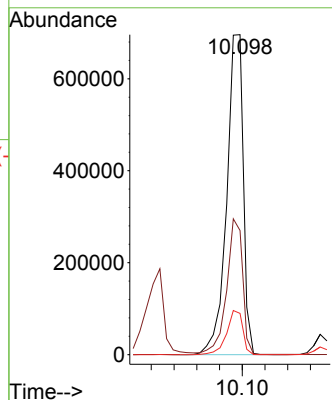
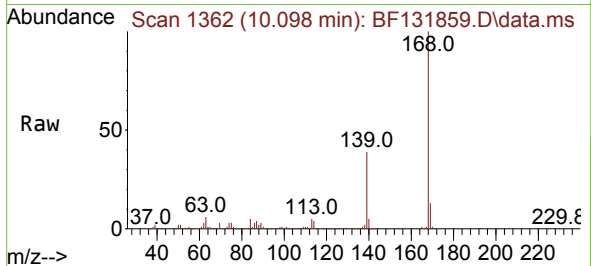




#55  
Dibenzenofuran  
Concen: 36.550 ng  
RT: 10.098 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

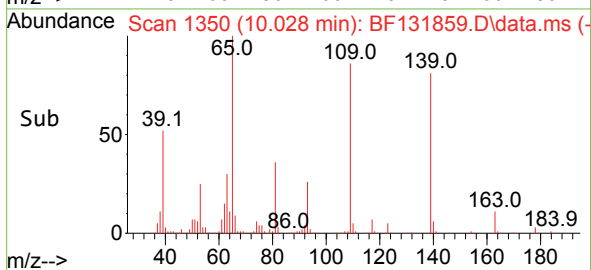
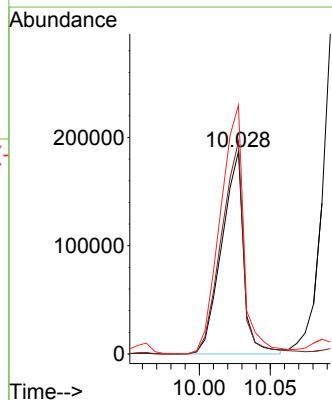
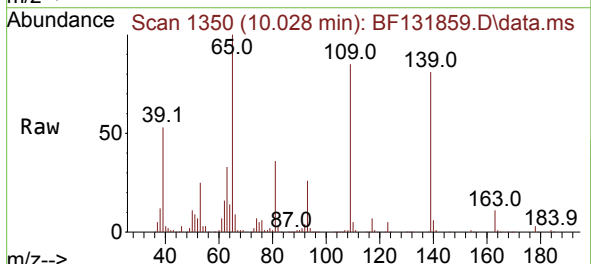
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BNA\_F  
ClientSampleId :  
PB149939BS

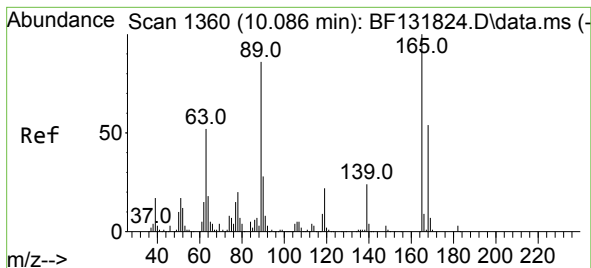
Tgt Ion:168 Resp: 706696  
Ion Ratio Lower Upper  
168 100  
139 38.8 32.6 49.0  
169 12.9 10.5 15.7



#56  
4-Nitrophenol  
Concen: 77.772 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. 0.012 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:139 Resp: 200436  
Ion Ratio Lower Upper  
139 100  
109 105.0 78.5 118.5  
65 122.9 97.5 137.5

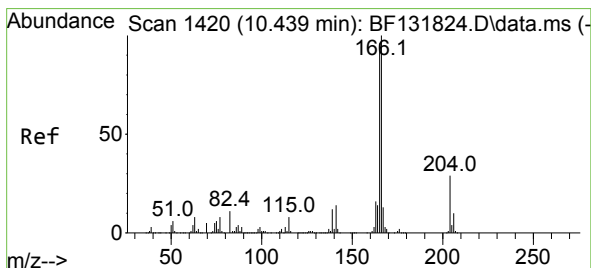
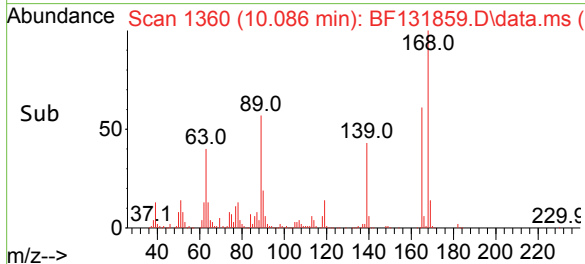
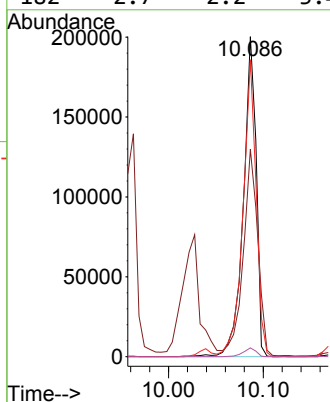
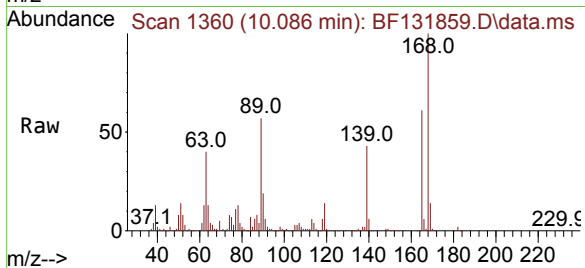




#57  
2,4-Dinitrotoluene  
Concen: 38.320 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

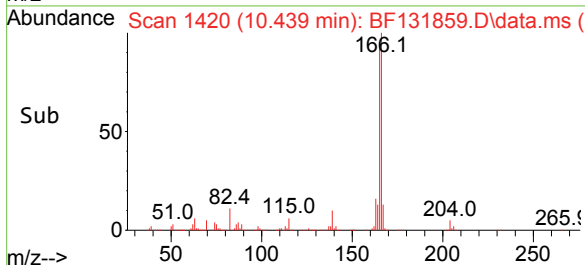
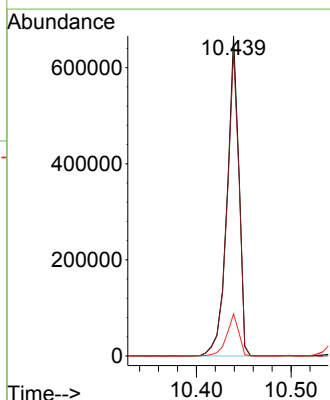
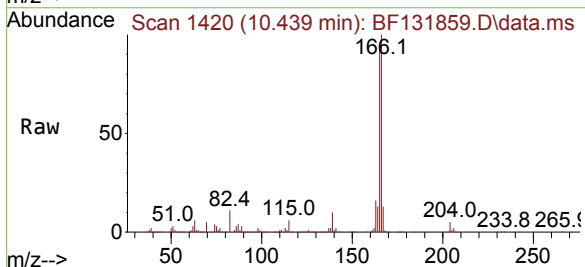
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

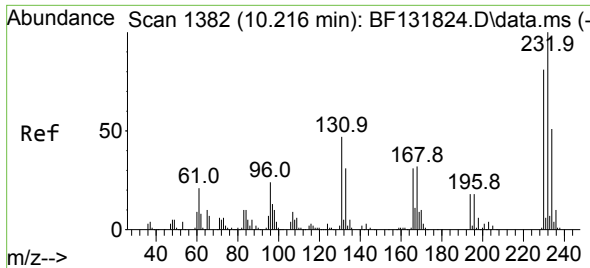
Tgt Ion:165 Resp: 189219  
Ion Ratio Lower Upper  
165 100  
63 64.9 42.1 63.1#  
89 92.8 69.1 103.7  
182 2.7 2.2 3.4



#58  
Fluorene  
Concen: 36.734 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:166 Resp: 579825  
Ion Ratio Lower Upper  
166 100  
165 95.5 77.0 115.4  
167 13.2 10.4 15.6

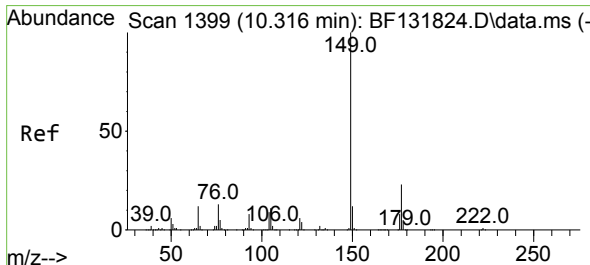
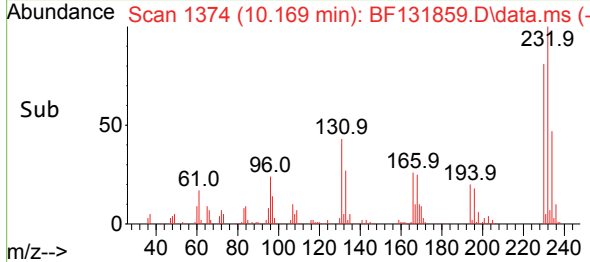
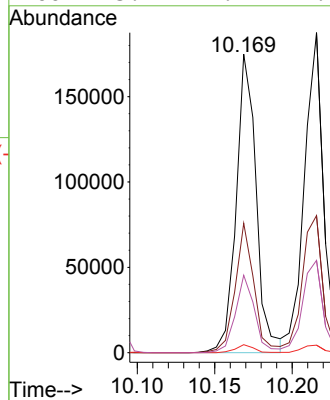
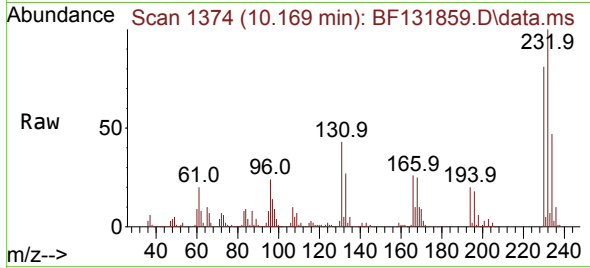




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.716 ng  
RT: 10.169 min Scan# 11  
Delta R.T. -0.047 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

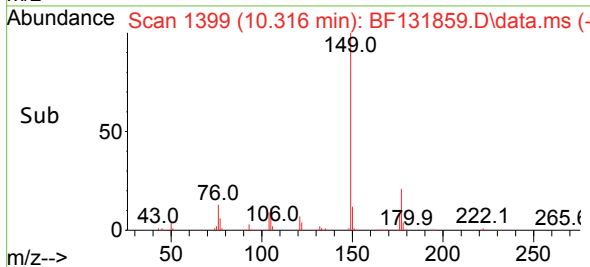
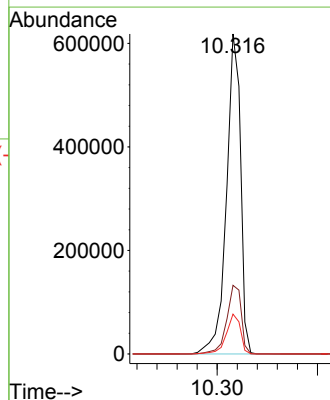
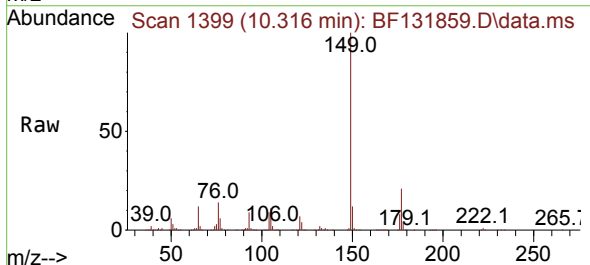
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

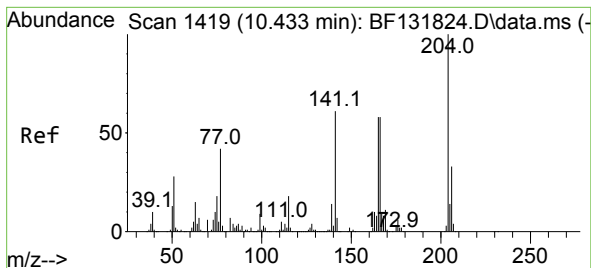
Tgt Ion:232 Resp: 157086  
Ion Ratio Lower Upper  
232 100  
131 41.0 30.1 45.1  
130 2.4 1.8 2.6  
166 25.1 19.4 29.0



#60  
Diethylphthalate  
Concen: 37.511 ng  
RT: 10.316 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:149 Resp: 602181  
Ion Ratio Lower Upper  
149 100  
177 21.5 18.1 27.1  
150 12.4 9.8 14.8

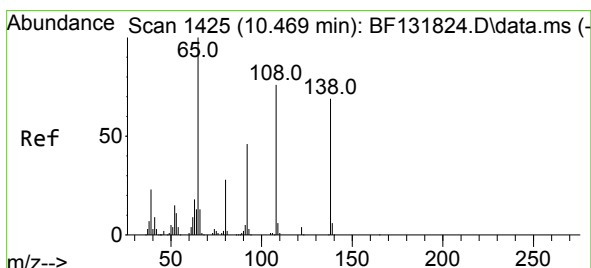
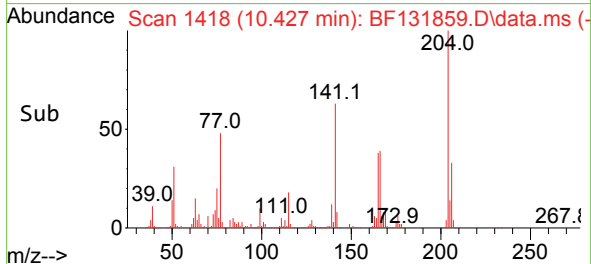
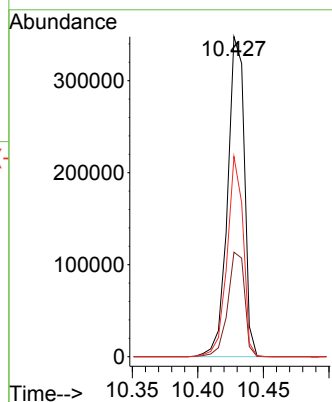
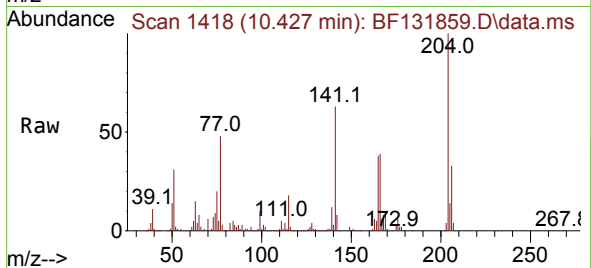




#61  
4-Chlorophenyl-phenylether  
Concen: 37.681 ng  
RT: 10.427 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

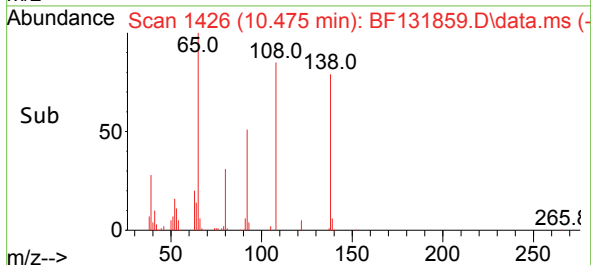
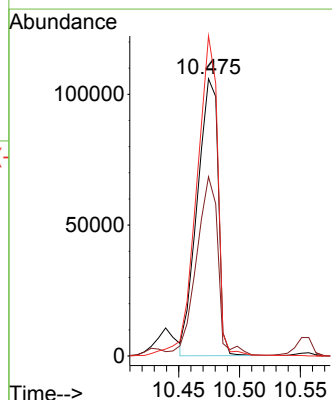
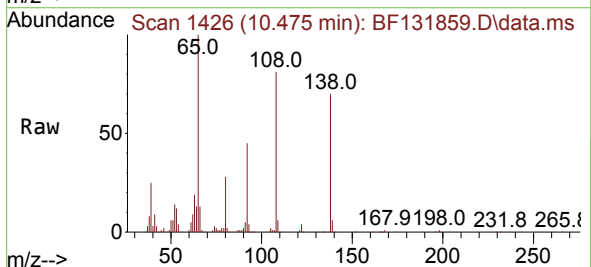
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

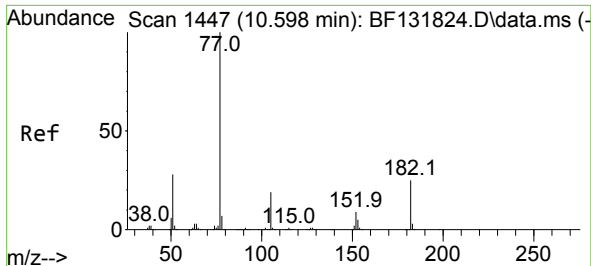
Tgt Ion:204 Resp: 309192  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.5 39.7  
141 62.6 49.0 73.4



#62  
4-Nitroaniline  
Concen: 32.953 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:138 Resp: 126350  
Ion Ratio Lower Upper  
138 100  
92 64.7 47.2 87.2  
108 115.5 89.2 129.2

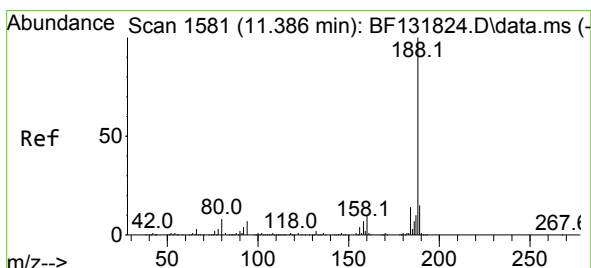
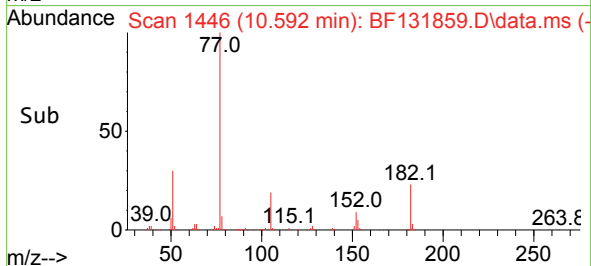
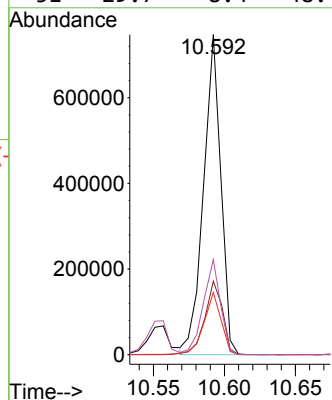
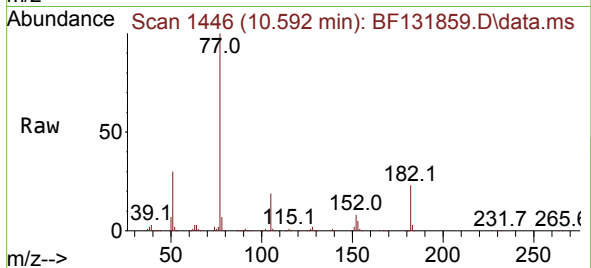




#63  
 Azobenzene  
 Concen: 35.578 ng  
 RT: 10.592 min Scan# 1446  
 Delta R.T. -0.006 min  
 Lab File: BF131859.D  
 Acq: 28 Dec 2022 14:13

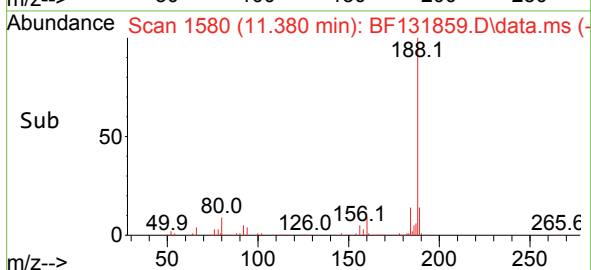
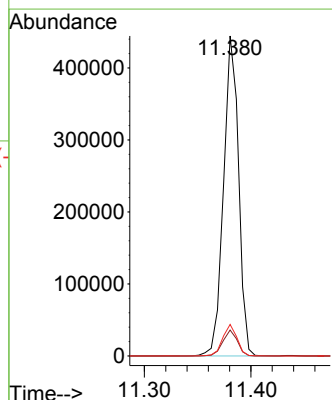
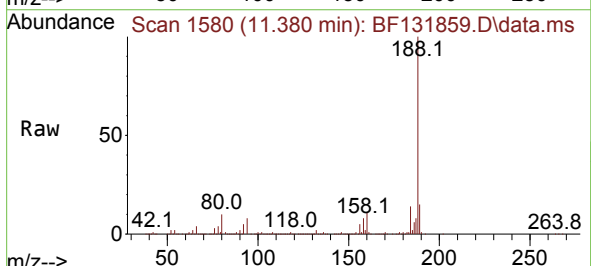
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149939BS

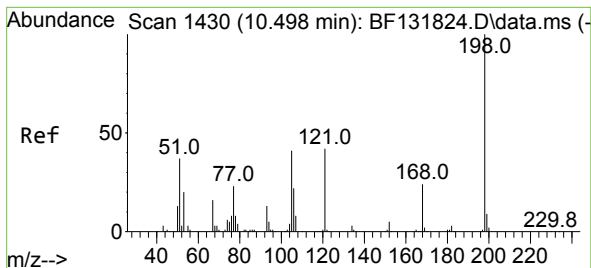
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 633861 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.9    | 5.0 45.0     |
| 105 19.5    | 0.0 39.4     |
| 51 29.7     | 8.4 48.4     |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.380 min Scan# 1580  
 Delta R.T. -0.006 min  
 Lab File: BF131859.D  
 Acq: 28 Dec 2022 14:13

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 434354 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.1      | 5.8 8.6      |
| 80 9.8      | 6.7 10.1     |

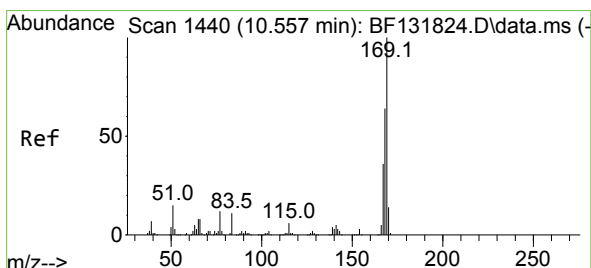
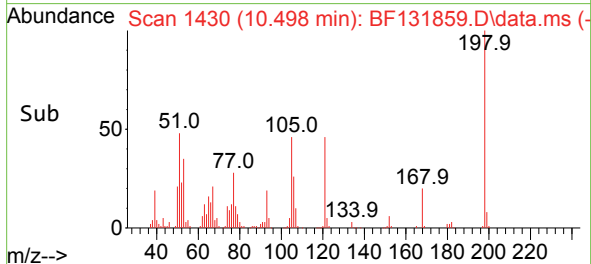
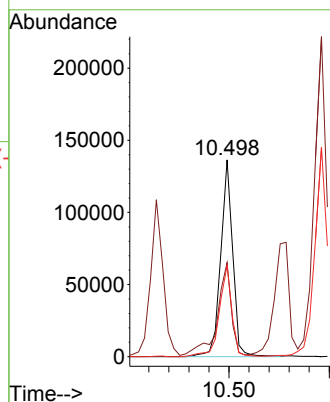
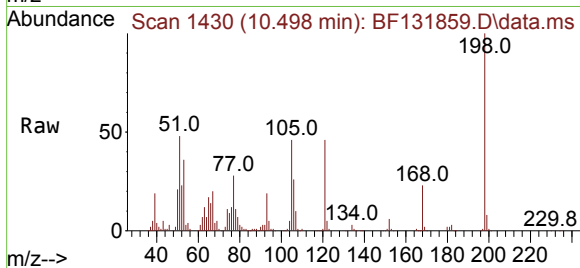




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.447 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

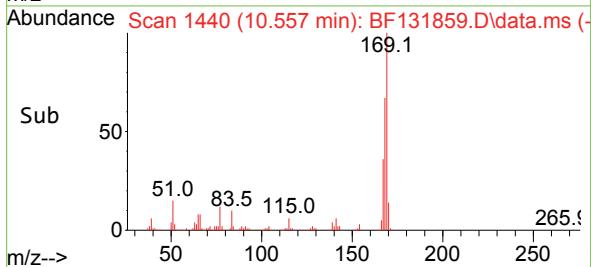
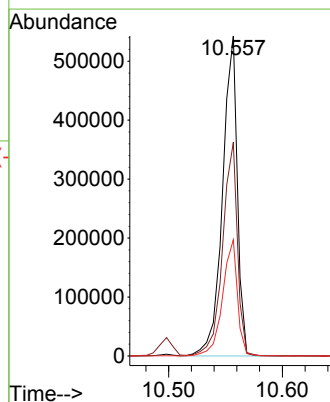
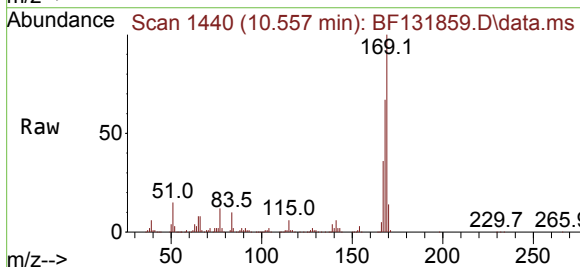
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

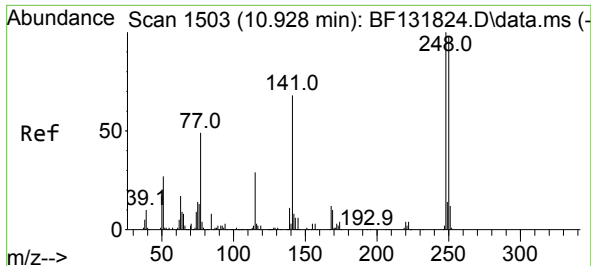
Tgt Ion:198 Resp: 113702  
Ion Ratio Lower Upper  
198 100  
51 47.8 21.6 61.6  
105 46.4 22.0 62.0



#66  
n-Nitrosodiphenylamine  
Concen: 37.215 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:169 Resp: 493085  
Ion Ratio Lower Upper  
169 100  
168 66.7 51.5 77.3  
167 36.3 28.4 42.6

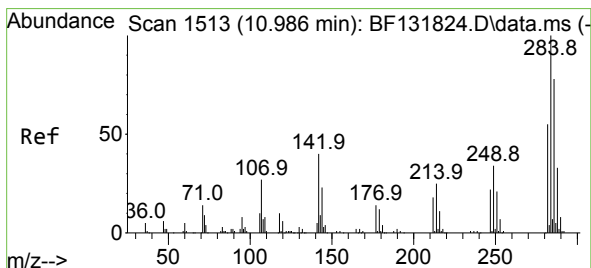
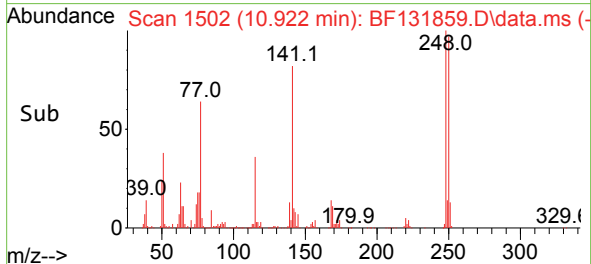
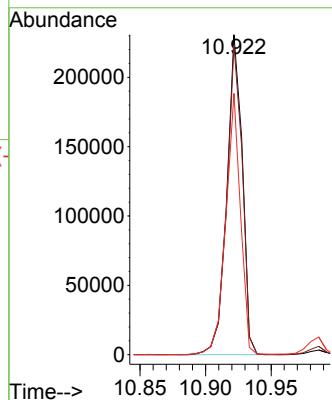
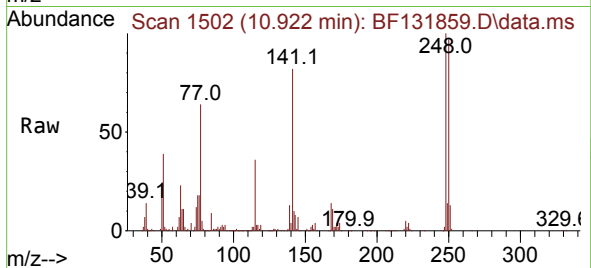




#67  
4-Bromophenyl-phenylether  
Concen: 37.688 ng  
RT: 10.922 min Scan# 1502  
Delta R.T. -0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

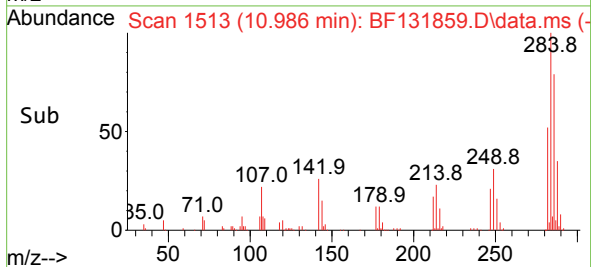
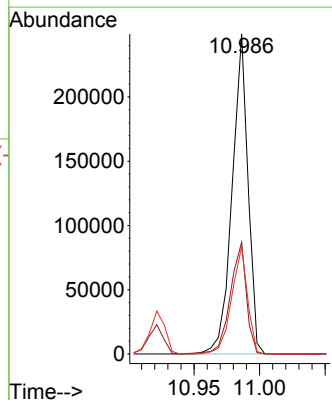
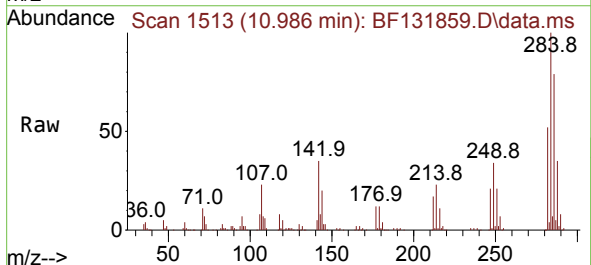
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

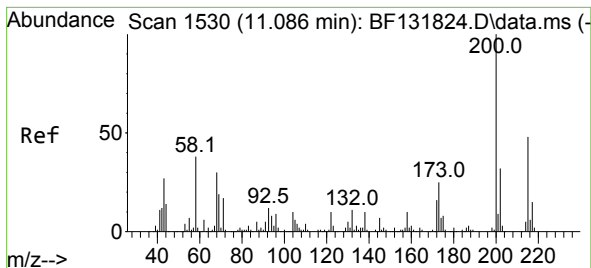
Tgt Ion:248 Resp: 189730  
Ion Ratio Lower Upper  
248 100  
250 96.7 78.0 117.0  
141 81.6 54.8 82.2



#68  
Hexachlorobenzene  
Concen: 37.908 ng  
RT: 10.986 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:284 Resp: 209634  
Ion Ratio Lower Upper  
284 100  
142 35.0 31.6 47.4  
249 33.5 26.9 40.3





#69

Atrazine

Concen: 48.471 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF131859.D

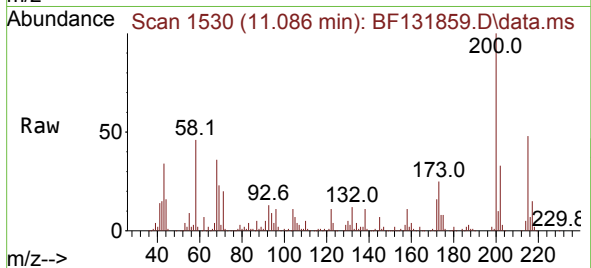
Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS



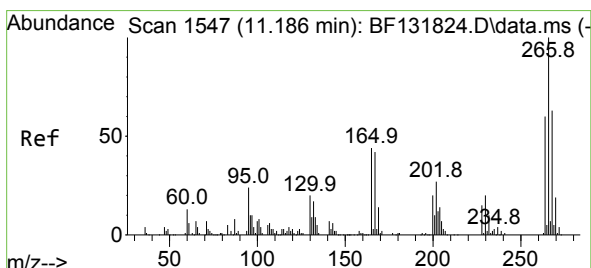
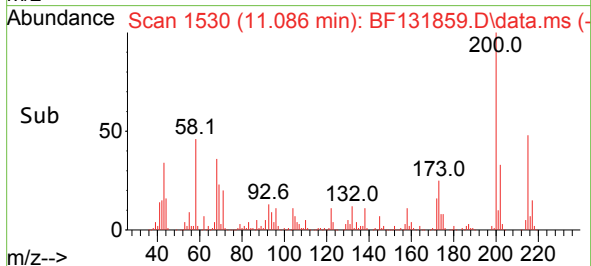
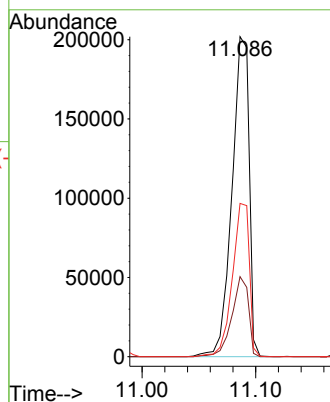
Tgt Ion:200 Resp: 211431

Ion Ratio Lower Upper

200 100

173 25.0 4.5 44.5

215 47.9 28.5 68.5



#70

Pentachlorophenol

Concen: 84.408 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

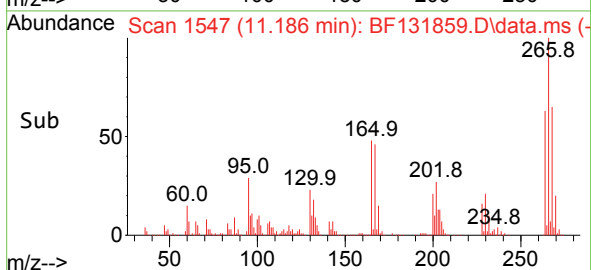
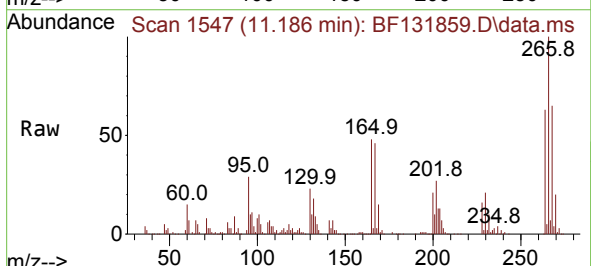
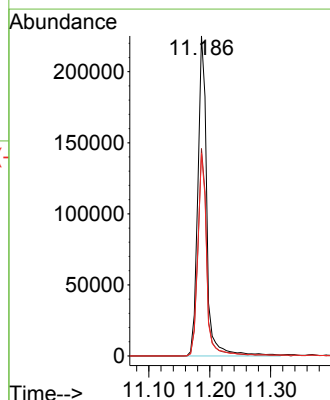
Tgt Ion:266 Resp: 230979

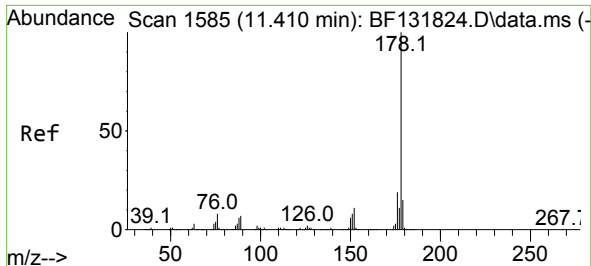
Ion Ratio Lower Upper

266 100

268 64.8 50.5 75.7

264 63.5 48.3 72.5

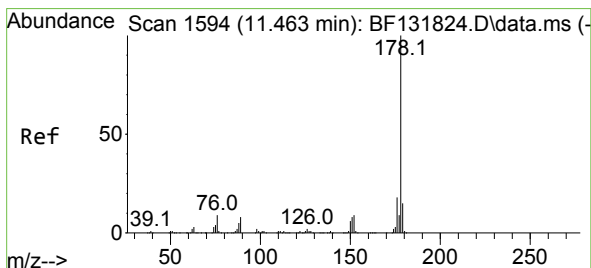
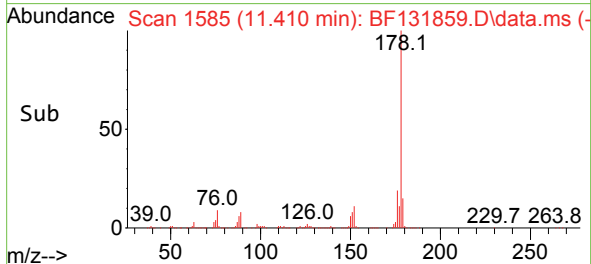
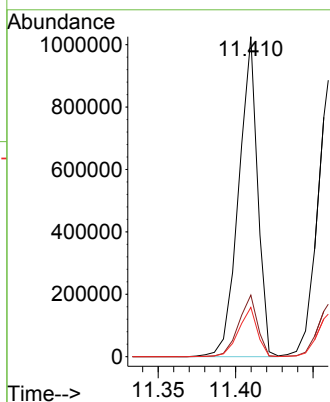
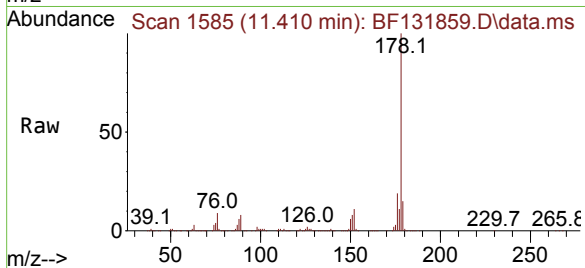




#71  
Phenanthrene  
Concen: 36.427 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

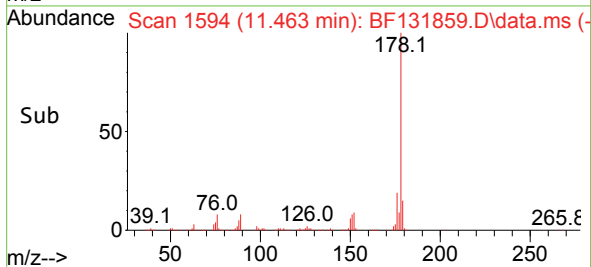
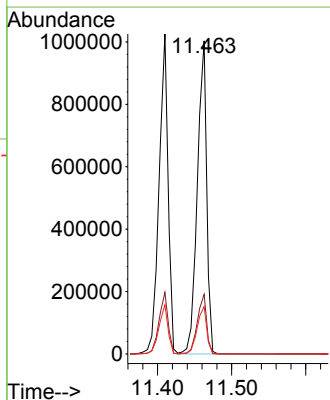
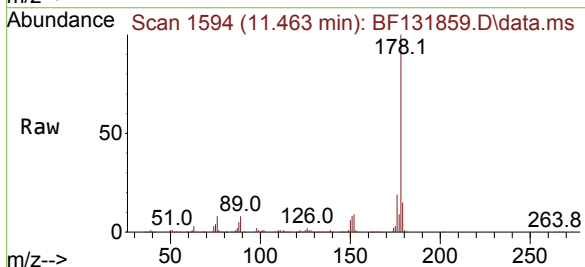
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

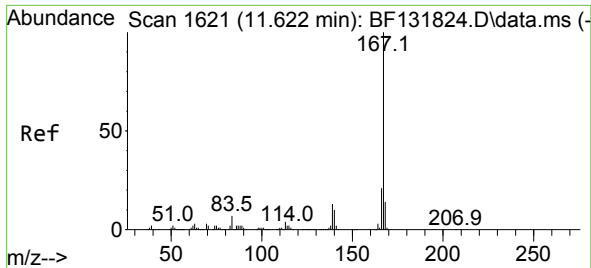
Tgt Ion:178 Resp: 870083  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.5 23.3  
179 15.4 12.2 18.4



#72  
Anthracene  
Concen: 37.583 ng  
RT: 11.463 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:178 Resp: 878161  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.8 22.2  
179 15.1 12.2 18.2

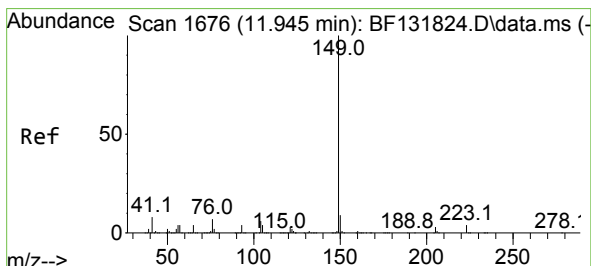
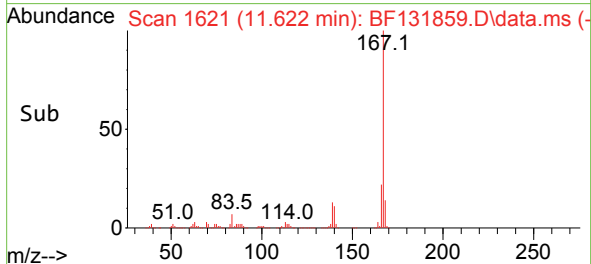
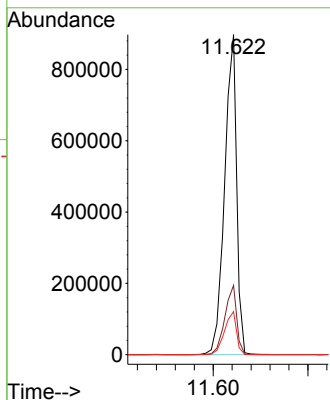
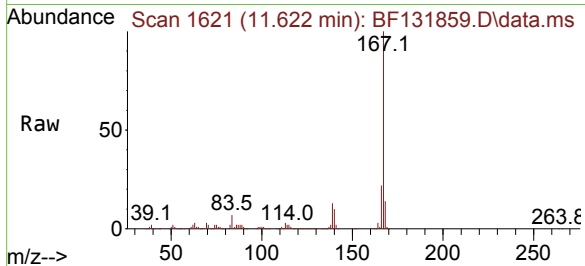




#73  
 Carbazole  
 Concen: 38.470 ng  
 RT: 11.622 min Scan# 1621  
 Delta R.T. -0.000 min  
 Lab File: BF131859.D  
 Acq: 28 Dec 2022 14:13

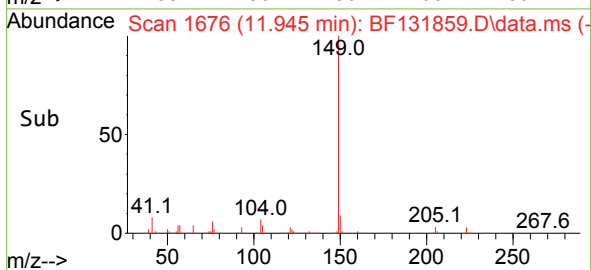
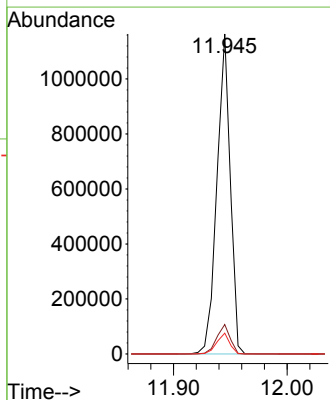
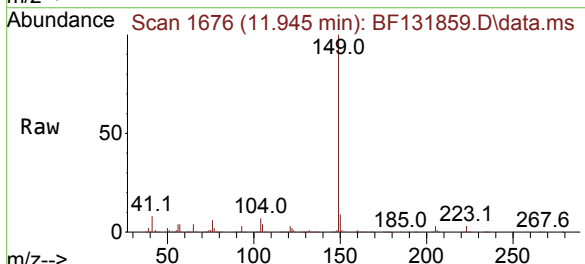
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149939BS

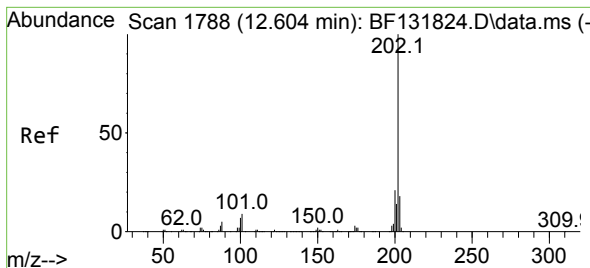
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 793547 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 21.7  | 16.6  | 24.8   |
| 139      | 13.5  | 10.6  | 15.8   |



#74  
 Di-n-butylphthalate  
 Concen: 38.140 ng  
 RT: 11.945 min Scan# 1676  
 Delta R.T. -0.000 min  
 Lab File: BF131859.D  
 Acq: 28 Dec 2022 14:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 950945 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 9.2   | 7.5   | 11.3   |
| 104      | 6.5   | 5.1   | 7.7    |





#75

Fluoranthene

Concen: 37.079 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

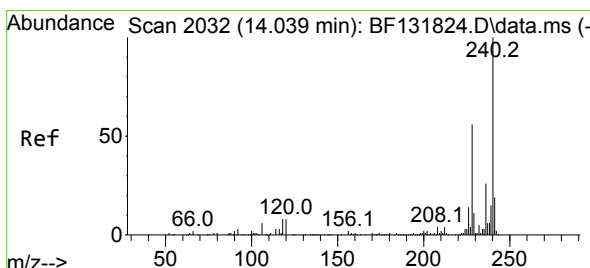
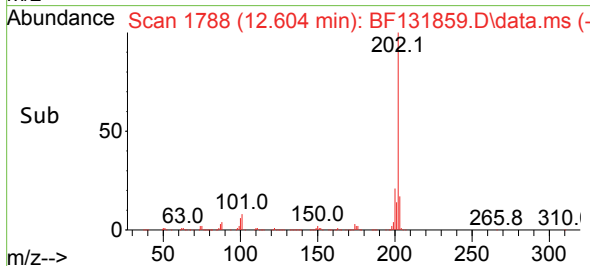
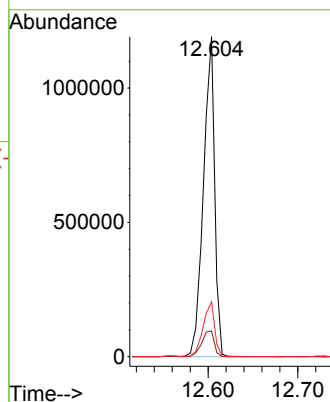
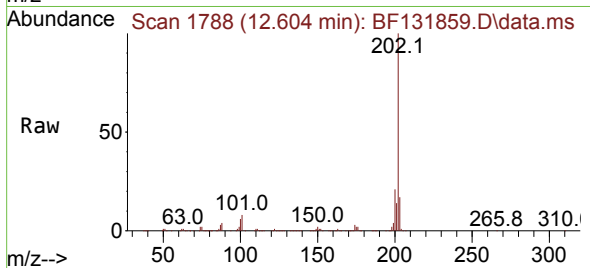
Tgt Ion:202 Resp: 1031606

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.6

203 17.1 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

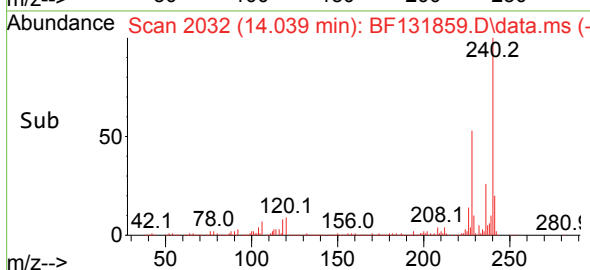
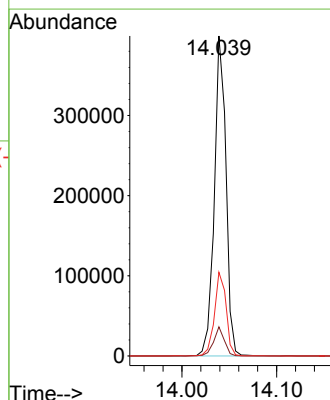
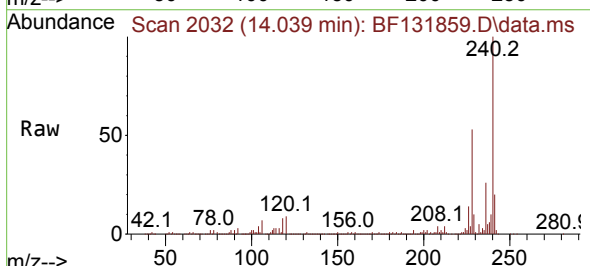
Tgt Ion:240 Resp: 339788

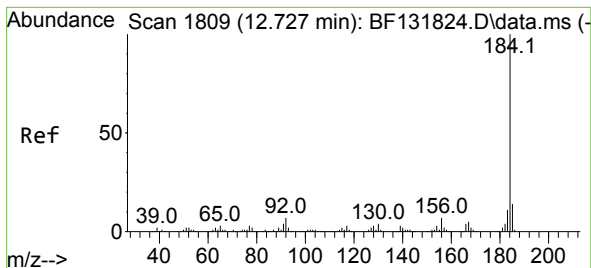
Ion Ratio Lower Upper

240 100

120 9.1 6.7 10.1

236 26.2 20.6 31.0





#77

Benzidine

Concen: 50.381 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

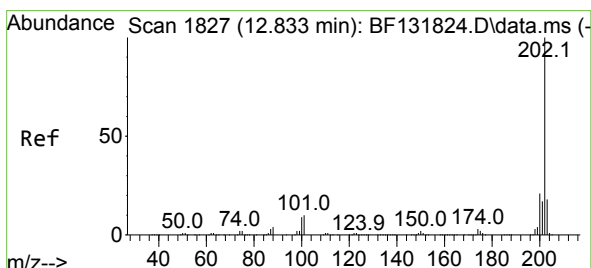
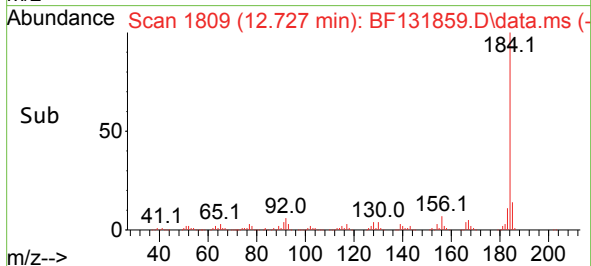
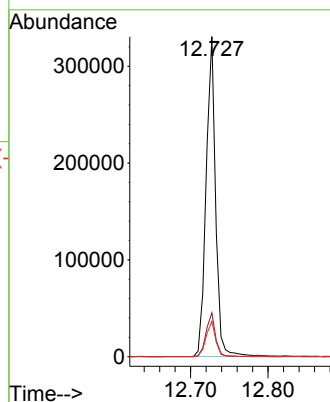
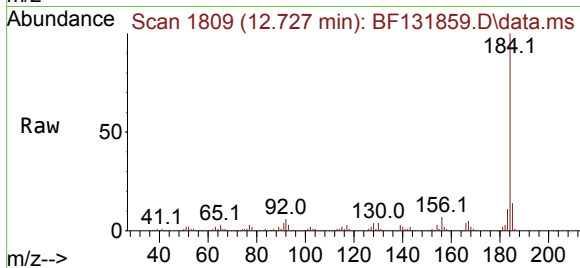
Tgt Ion:184 Resp: 281325

Ion Ratio Lower Upper

184 100

185 13.7 11.6 17.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 36.548 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

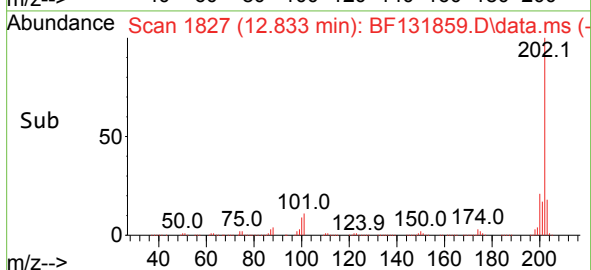
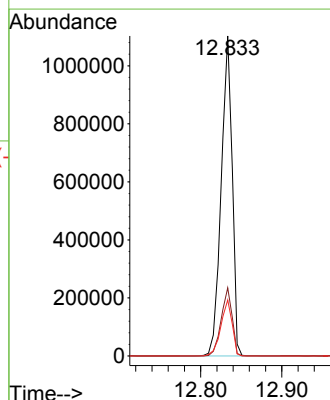
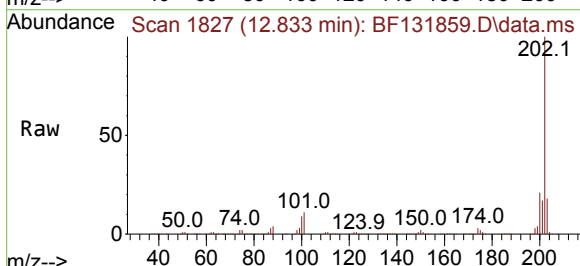
Tgt Ion:202 Resp: 1040893

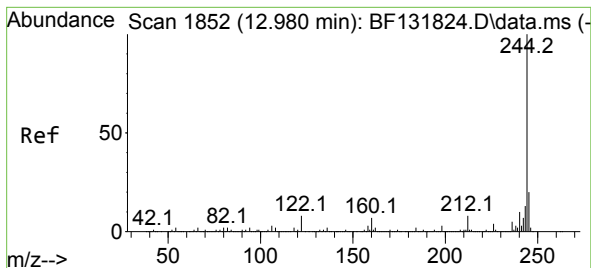
Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 76.435 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF131859.D

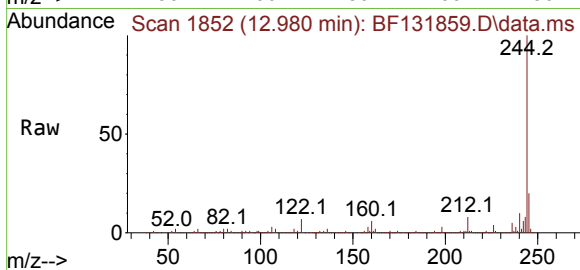
Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS



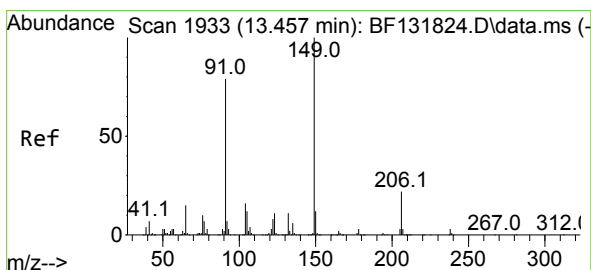
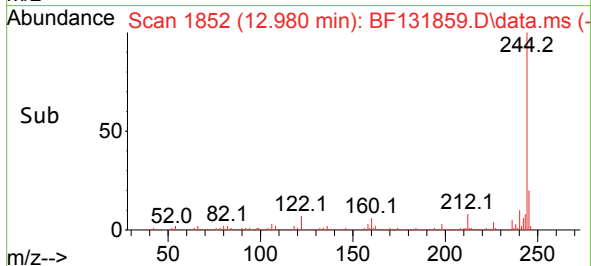
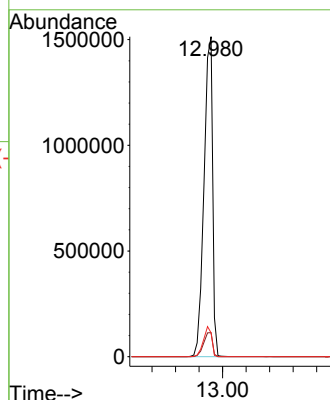
Tgt Ion:244 Resp: 1535411

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 7.4 6.4 9.6



#80

Butylbenzylphthalate

Concen: 38.930 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

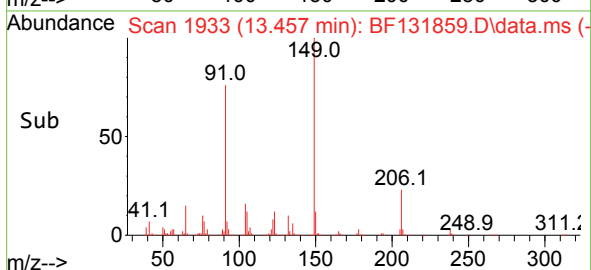
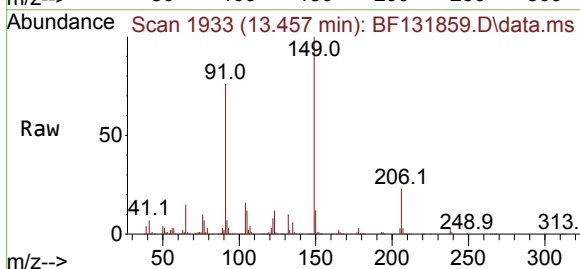
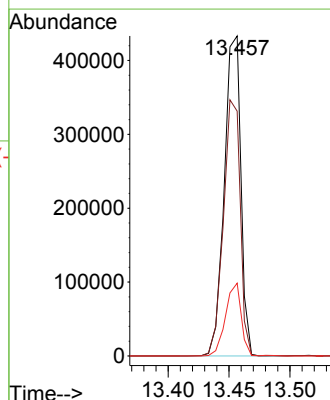
Tgt Ion:149 Resp: 411238

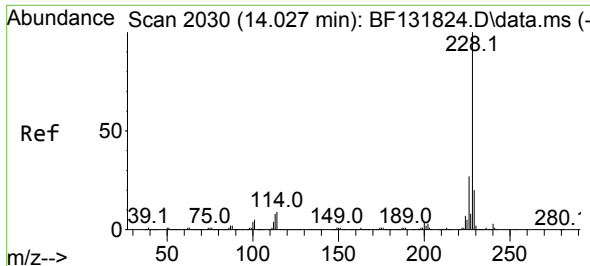
Ion Ratio Lower Upper

149 100

91 76.5 63.2 94.8

206 22.8 17.9 26.9

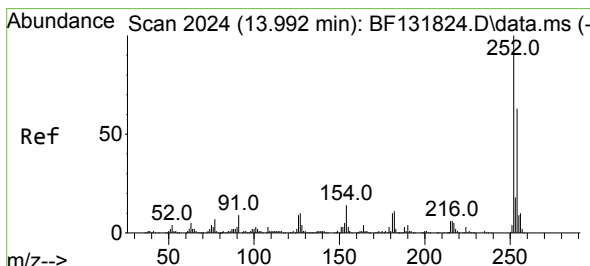
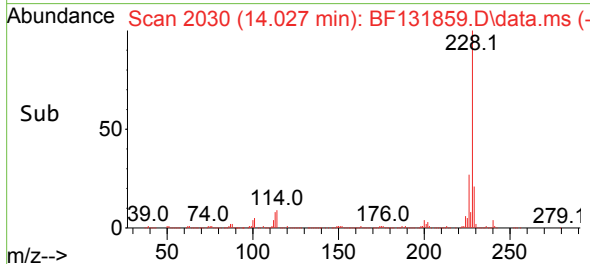
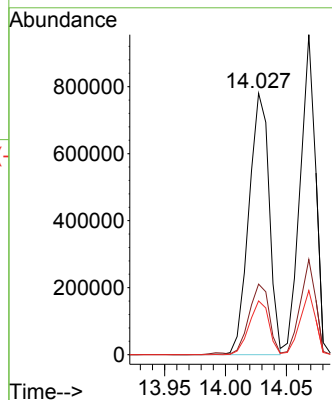
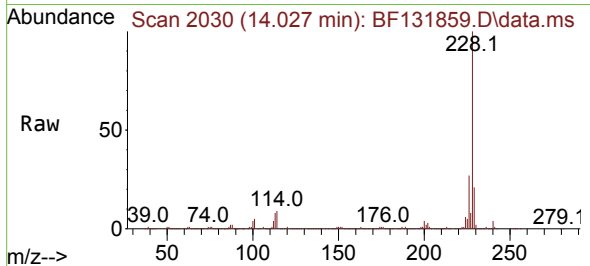




#81  
Benzo(a)anthracene  
Concen: 36.745 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

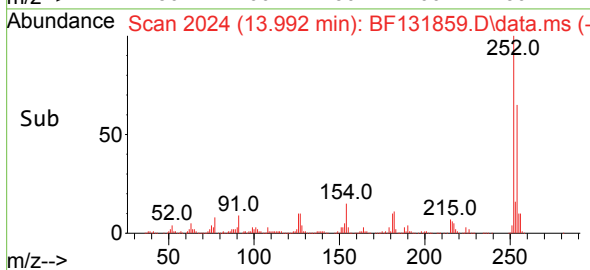
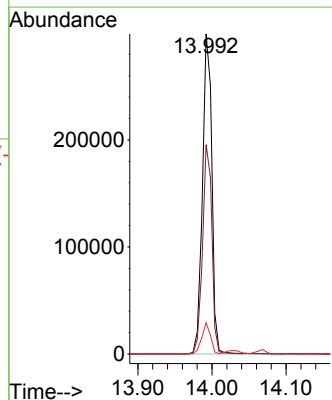
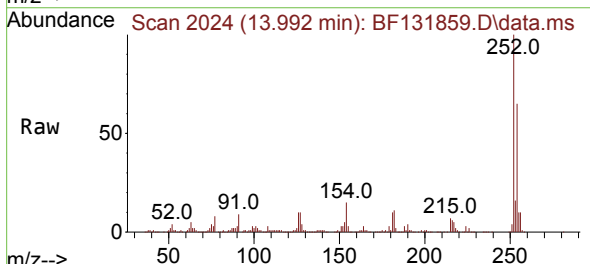
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

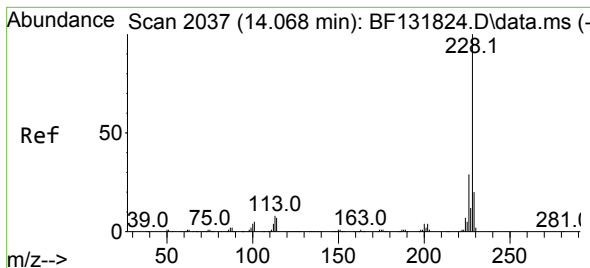
Tgt Ion:228 Resp: 903986  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.0 33.0  
229 20.6 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 36.913 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:252 Resp: 262476  
Ion Ratio Lower Upper  
252 100  
254 65.4 50.4 75.6  
126 9.7 7.5 11.3





#83

Chrysene

Concen: 36.511 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

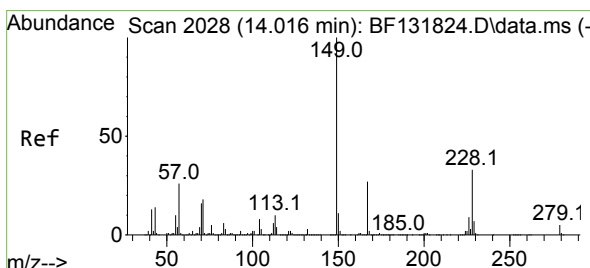
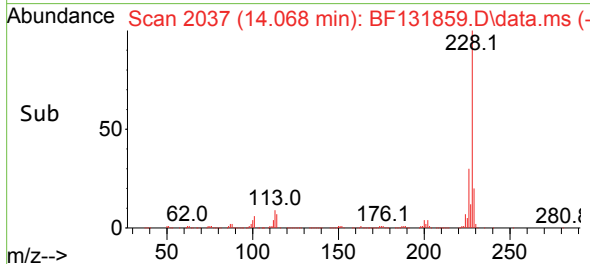
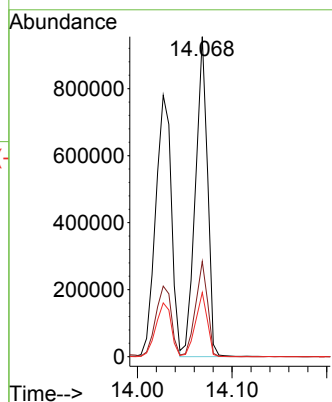
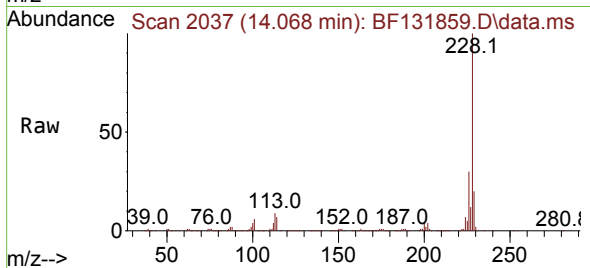
Tgt Ion:228 Resp: 844066

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.659 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

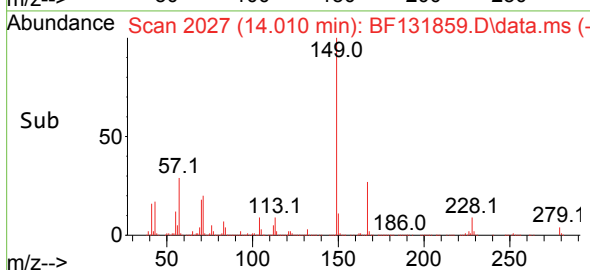
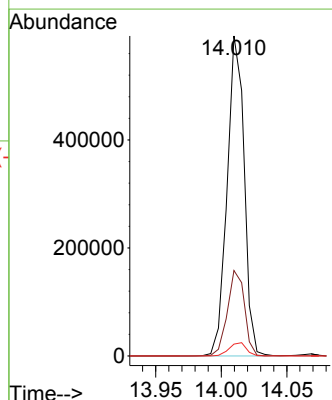
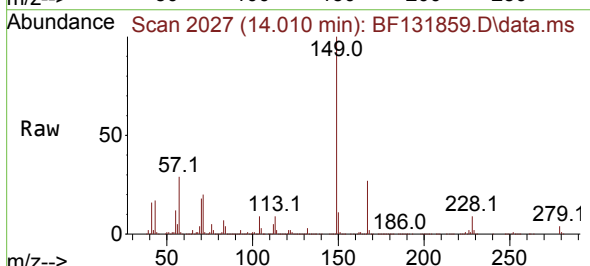
Tgt Ion:149 Resp: 535815

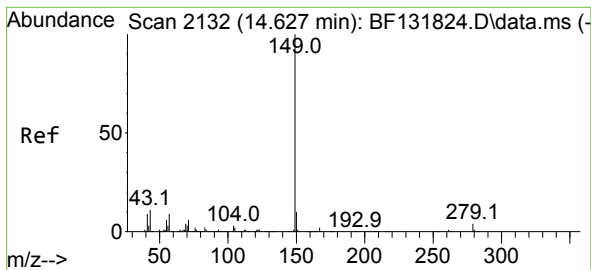
Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

279 3.7 3.9 5.9#

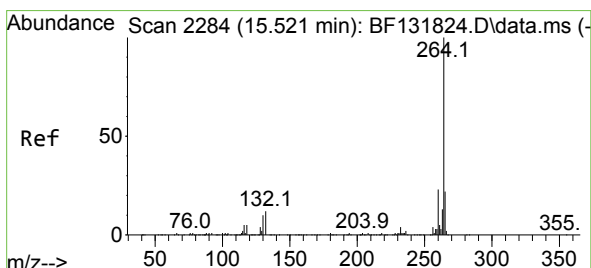
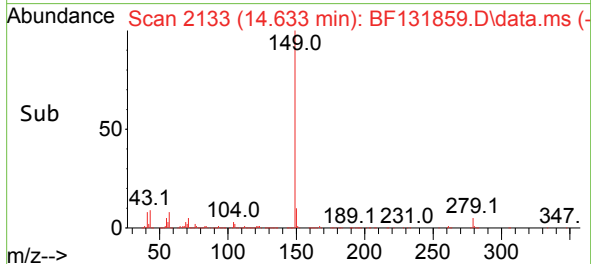
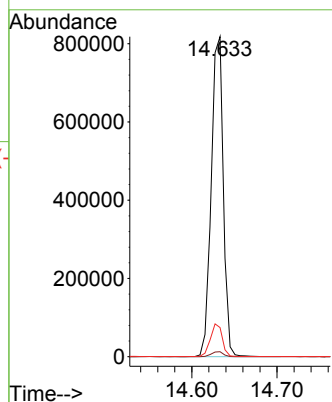
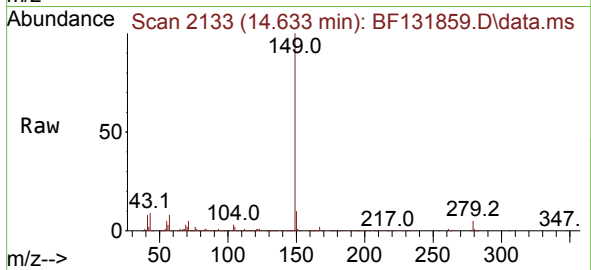




#85  
Di-n-octyl phthalate  
Concen: 46.455 ng  
RT: 14.633 min Scan# 2133  
Delta R.T. 0.006 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

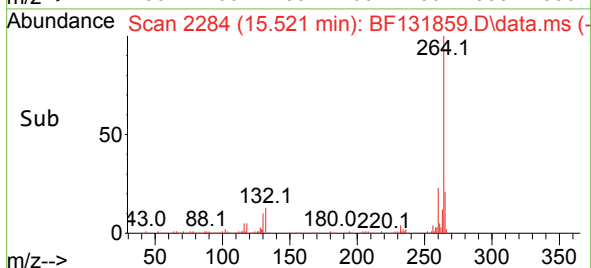
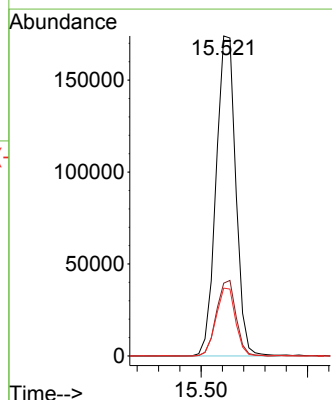
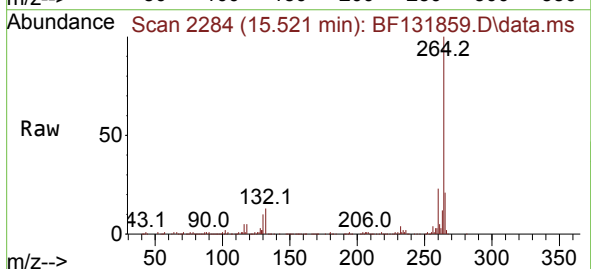
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

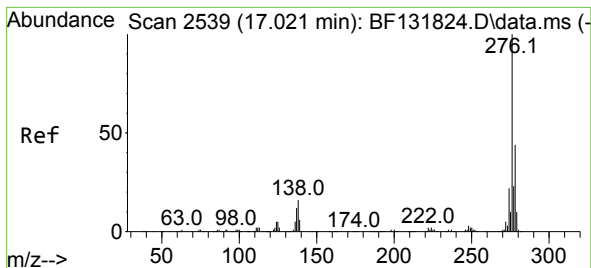
Tgt Ion:149 Resp: 804333  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 10.2 8.1 12.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:264 Resp: 222929  
Ion Ratio Lower Upper  
264 100  
260 22.7 18.6 28.0  
265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.914 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

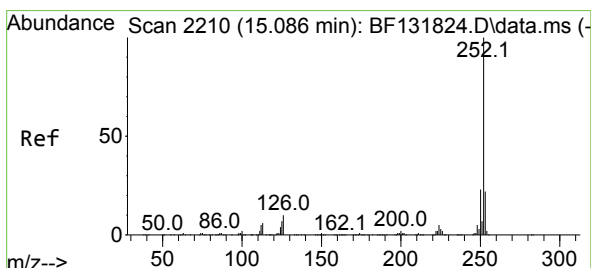
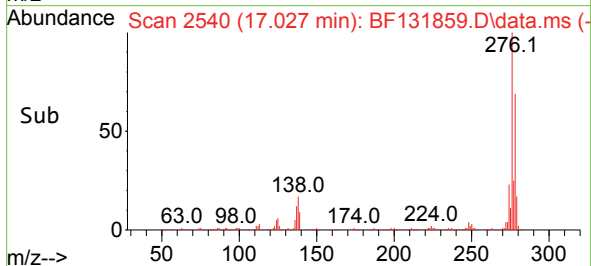
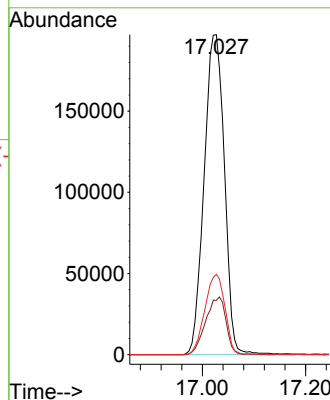
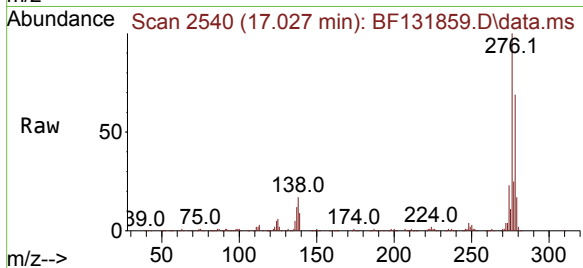
Tgt Ion:276 Resp: 536975

Ion Ratio Lower Upper

276 100

138 18.1 14.5 21.7

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 43.547 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

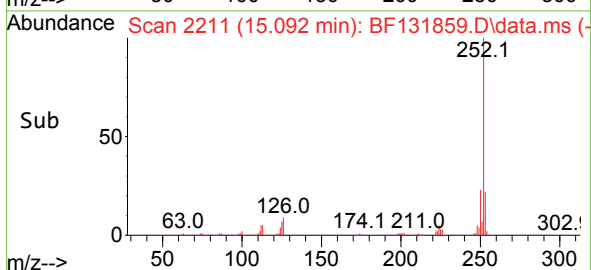
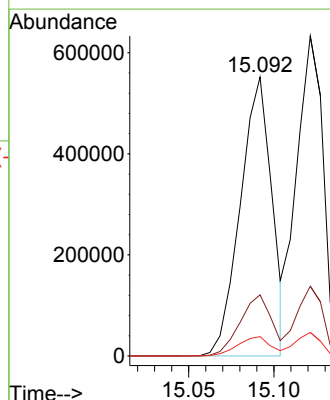
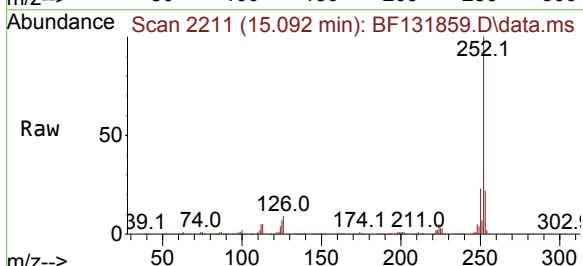
Tgt Ion:252 Resp: 711820

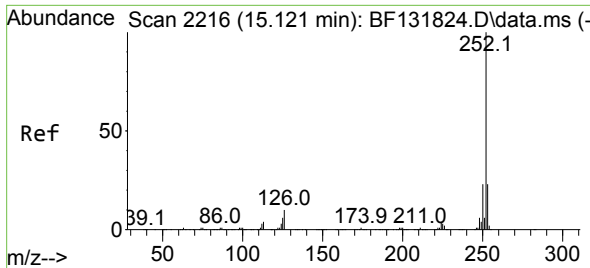
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 6.9 5.8 8.8

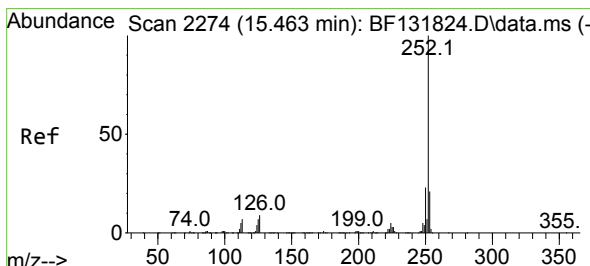
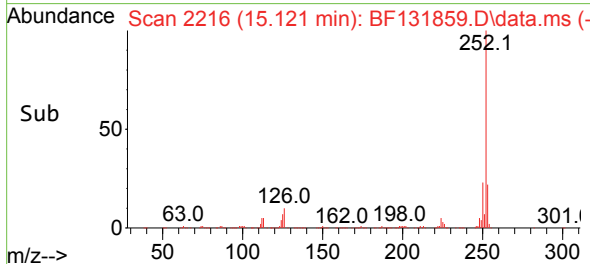
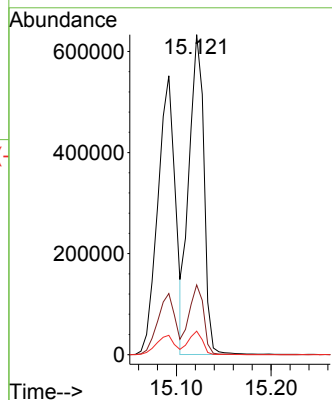
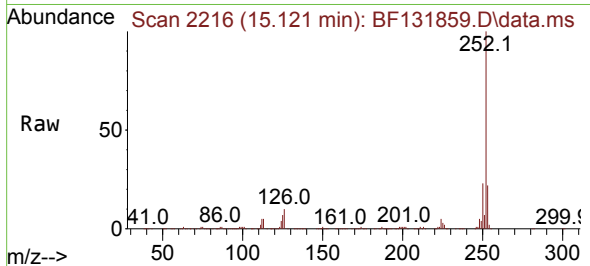




#89  
Benzo(k)fluoranthene  
Concen: 43.844 ng  
RT: 15.121 min Scan# 2216  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

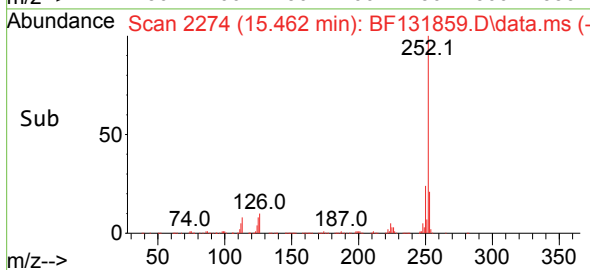
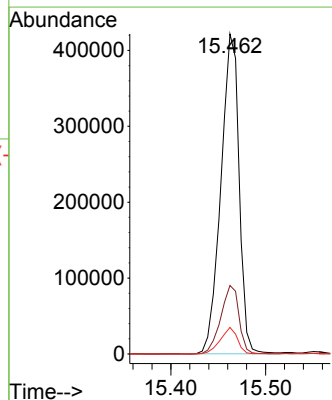
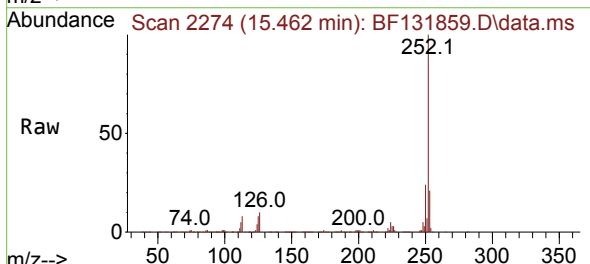
Instrument :  
BNA\_F  
ClientSampleId :  
PB149939BS

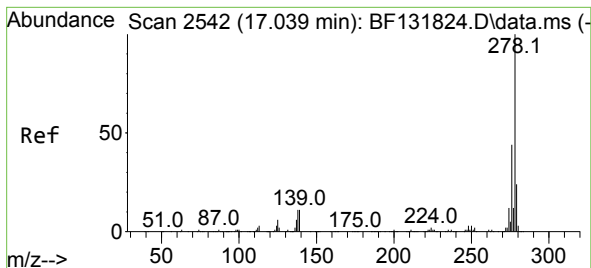
Tgt Ion:252 Resp: 692461  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.7 26.5  
125 7.3 5.4 8.0



#90  
Benzo(a)pyrene  
Concen: 44.564 ng  
RT: 15.462 min Scan# 2274  
Delta R.T. -0.000 min  
Lab File: BF131859.D  
Acq: 28 Dec 2022 14:13

Tgt Ion:252 Resp: 563971  
Ion Ratio Lower Upper  
252 100  
253 21.4 16.6 24.8  
125 8.3 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 39.972 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA\_F

ClientSampleId :

PB149939BS

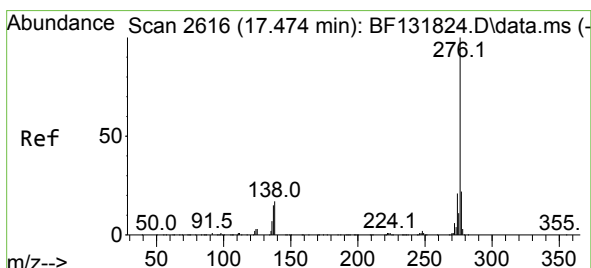
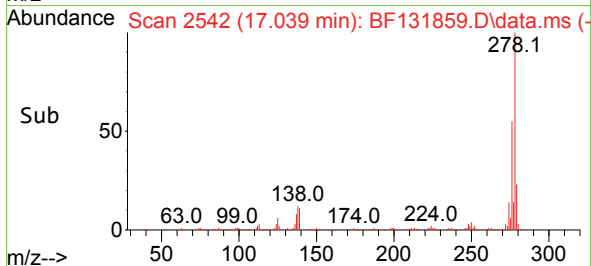
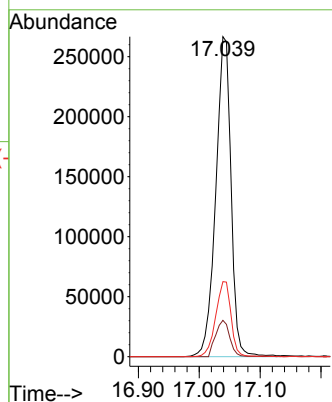
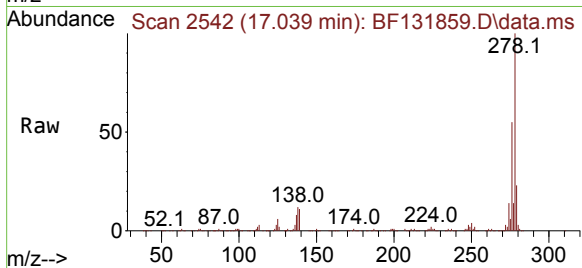
Tgt Ion:278 Resp: 463714

Ion Ratio Lower Upper

278 100

139 11.4 8.6 12.8

279 23.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 35.069 ng

RT: 17.480 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Tgt Ion:276 Resp: 459427

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 15.0 13.7 20.5

