

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011223\  
 Data File : BF132041.D  
 Acq On : 12 Jan 2023 14:56  
 Operator : CG\JU  
 Sample : PB150088BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150088BS

Quant Time: Jan 13 01:32:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF010923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 23:59:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.769  | 152  | 72351    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 275152   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.827  | 164  | 167537   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 322508   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.962 | 240  | 198838   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.415 | 264  | 145493   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 609079   | 138.717 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.428  | 99   | 797358   | 136.963 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 551545   | 83.194  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 241491   | 125.365 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 976862   | 78.712  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.904 | 244  | 1216132  | 87.662  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.534  | 88   | 72428    | 37.769  | ng    | 99       |
| 3) Pyridine                   | 3.257  | 79   | 185781   | 34.518  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.228  | 42   | 112170   | 44.346  | ng    | 94       |
| 6) Aniline                    | 6.439  | 93   | 178485   | 23.302  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.563  | 128  | 208568   | 47.344  | ng    | 96       |
| 9) Benzaldehyde               | 6.322  | 77   | 67558    | 17.440  | ng    | 98       |
| 10) Phenol                    | 6.439  | 94   | 292660   | 45.064  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.516  | 93   | 219652   | 44.867  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.710  | 146  | 222142   | 45.272  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.792  | 146  | 222693   | 44.855  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.939  | 146  | 214513   | 45.494  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.928  | 79   | 229263   | 45.223  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.051  | 45   | 264681   | 42.841  | ng    | # 28     |
| 17) 2-Methylphenol            | 7.045  | 107  | 187813   | 43.080  | ng    | 94       |
| 18) Hexachloroethane          | 7.281  | 117  | 90423    | 44.041  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 174833   | 41.515  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 244872   | 43.751  | ng    | # 90     |
| 22) Acetophenone              | 7.192  | 105  | 339410   | 42.367  | ng    | # 95     |
| 24) Nitrobenzene              | 7.369  | 77   | 282172   | 41.808  | ng    | 99       |
| 25) Isophorone                | 7.610  | 82   | 494594   | 39.935  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 111811   | 42.103  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 194689   | 43.921  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 274750   | 40.083  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.933  | 162  | 195915   | 43.150  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 215280   | 41.401  | ng    | 98       |
| 31) Naphthalene               | 8.086  | 128  | 596063   | 40.992  | ng    | 99       |
| 32) Benzoic acid              | 7.886  | 122  | 116383   | 45.288  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.145  | 127  | 129077   | 21.511  | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 142310   | 39.473  | ng    | 99       |
| 35) Caprolactam               | 8.533  | 113  | 33192    | 24.891  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.645  | 107  | 235292   | 44.154  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.780  | 142  | 413973   | 39.639  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.880  | 142  | 389836   | 40.290  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 233034   | 39.473  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.928  | 237  | 174899   | 61.639  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 145615   | 40.978  | ng    | 96       |

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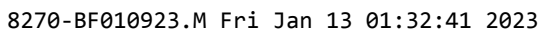
Instrument :  
 BNA\_F  
 ClientSampleId :  
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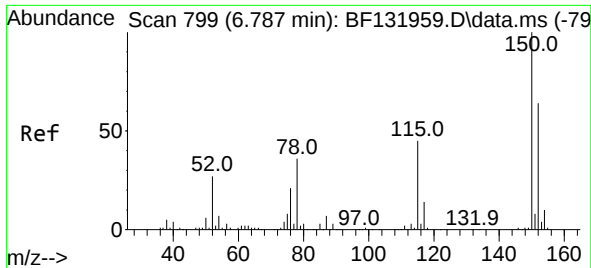
Quant Time: Jan 13 01:32:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF010923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 23:59:08 2023  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.116  | 196  | 156606   | 37.855 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.245  | 154  | 523415   | 40.477 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.275  | 162  | 418024   | 41.651 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.380  | 65   | 157509   | 43.208 | ng    | 97       |
| 49) Acenaphthylene             | 9.686  | 152  | 631914   | 40.574 | ng    | 100      |
| 50) Dimethylphthalate          | 9.557  | 163  | 518344   | 39.691 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.622  | 165  | 114475   | 41.678 | ng    | 88       |
| 52) Acenaphthene               | 9.863  | 154  | 380891   | 40.742 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.792  | 138  | 70888    | 26.602 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.910  | 184  | 128414   | 93.115 | ng    | 98       |
| 55) Dibenzofuran               | 10.033 | 168  | 587819   | 39.889 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.980  | 139  | 127080   | 84.665 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.033 | 165  | 155650   | 42.385 | ng    | 100      |
| 58) Fluorene                   | 10.374 | 166  | 483197   | 41.046 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.157 | 232  | 129230   | 41.923 | ng    | 93       |
| 60) Diethylphthalate           | 10.257 | 149  | 504166   | 39.261 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.369 | 204  | 258854   | 38.411 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.416 | 138  | 103781   | 43.312 | ng    | 97       |
| 63) Azobenzene                 | 10.527 | 77   | 537460   | 39.455 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 10.445 | 198  | 89098    | 42.840 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 10.492 | 169  | 421270   | 41.635 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.857 | 248  | 157383   | 39.009 | ng    | 99       |
| 68) Hexachlorobenzene          | 10.922 | 284  | 171940   | 42.129 | ng    | 93       |
| 69) Atrazine                   | 11.021 | 200  | 111186   | 30.218 | ng    | 99       |
| 70) Pentachlorophenol          | 11.127 | 266  | 138274   | 64.430 | ng    | 96       |
| 71) Phenanthrene               | 11.345 | 178  | 707786   | 42.099 | ng    | 99       |
| 72) Anthracene                 | 11.392 | 178  | 726142   | 41.955 | ng    | 99       |
| 73) Carbazole                  | 11.557 | 167  | 631405   | 44.065 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.874 | 149  | 767406   | 38.463 | ng    | 99       |
| 75) Fluoranthene               | 12.533 | 202  | 791425   | 41.857 | ng    | 98       |
| 77) Benzidine                  | 12.657 | 184  | 105864   | 16.026 | ng    | 96       |
| 78) Pyrene                     | 12.763 | 202  | 790759   | 43.603 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.380 | 149  | 287811   | 39.318 | ng    | 96       |
| 81) Benzo(a)anthracene         | 13.951 | 228  | 579531   | 40.061 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.915 | 252  | 143956   | 31.885 | ng    | 98       |
| 83) Chrysene                   | 13.992 | 228  | 539532   | 39.908 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 13.933 | 149  | 358542   | 36.154 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.551 | 149  | 494776   | 36.459 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.880 | 276  | 451328   | 50.580 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.998 | 252  | 454965   | 45.592 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.027 | 252  | 448691   | 45.053 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.362 | 252  | 387584   | 43.108 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.892 | 278  | 387360   | 51.786 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.315 | 276  | 382856   | 47.816 | ng    | 100      |

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

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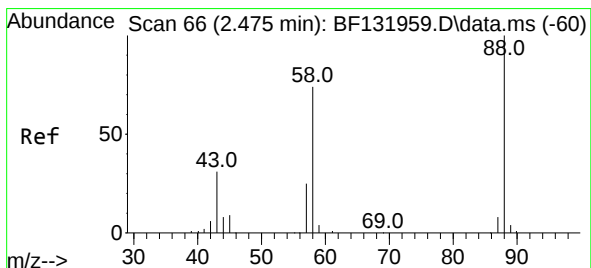
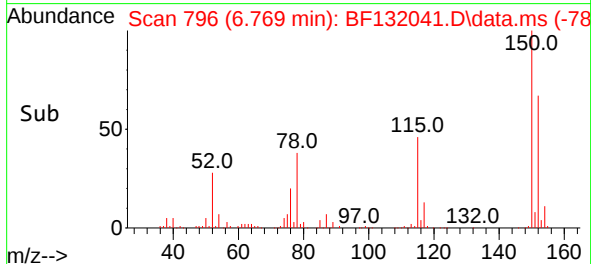
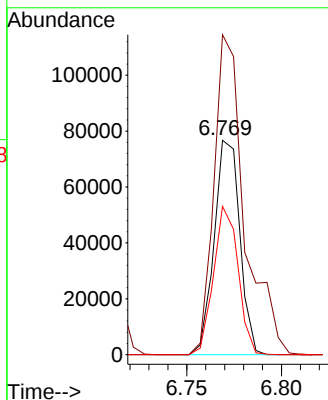
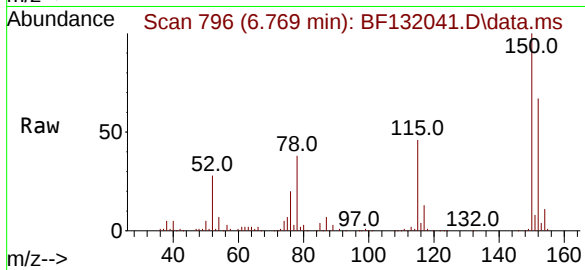




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.769 min Scan# 79  
 Delta R.T. -0.006 min  
 Lab File: BF132041.D  
 Acq: 12 Jan 2023 14:56

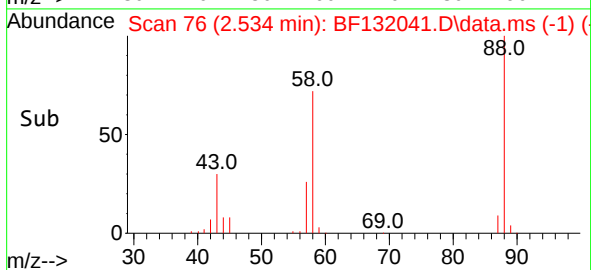
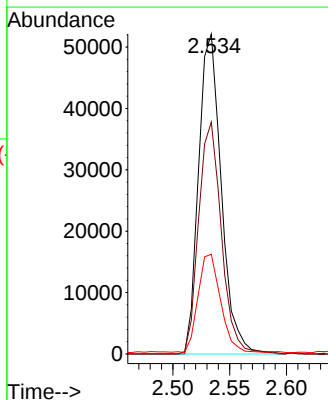
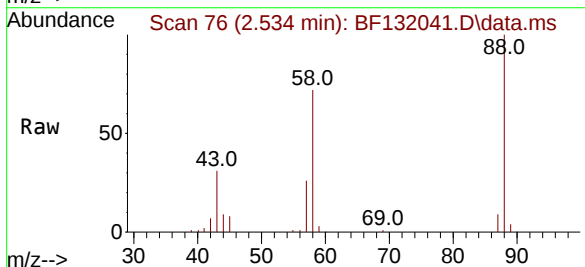
Instrument :  
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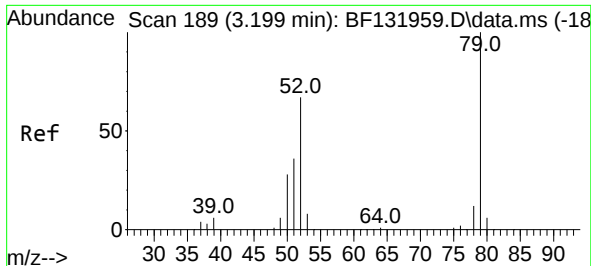
Tgt Ion:152 Resp: 72351  
 Ion Ratio Lower Upper  
 152 100  
 150 149.3 124.6 186.8  
 115 69.2 55.6 83.4



#2  
 1,4-Dioxane  
 Concen: 37.769 ng  
 RT: 2.534 min Scan# 76  
 Delta R.T. 0.100 min  
 Lab File: BF132041.D  
 Acq: 12 Jan 2023 14:56

Tgt Ion: 88 Resp: 72428  
 Ion Ratio Lower Upper  
 88 100  
 58 72.8 59.0 88.4  
 43 30.3 24.6 37.0

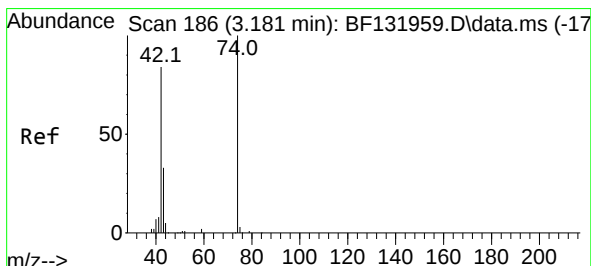
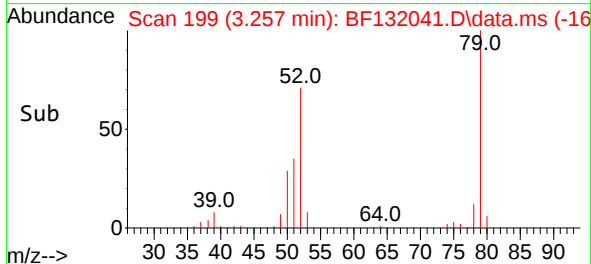
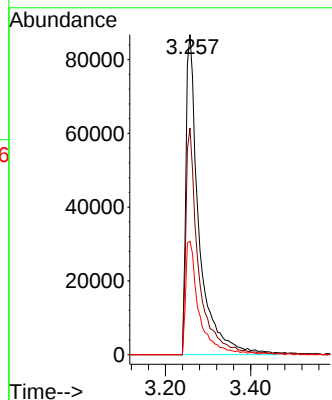
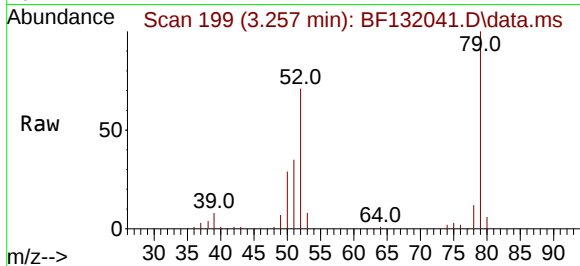




#3  
Pyridine  
Concen: 34.518 ng  
RT: 3.257 min Scan# 194  
Delta R.T. 0.100 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

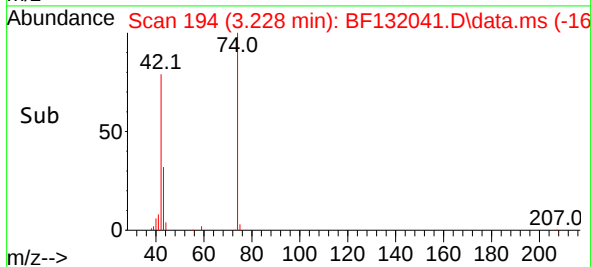
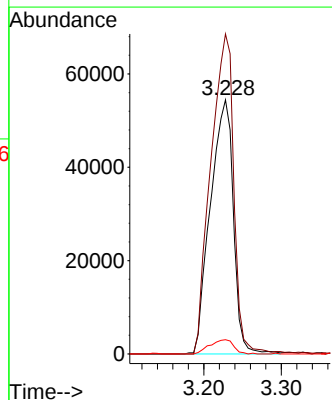
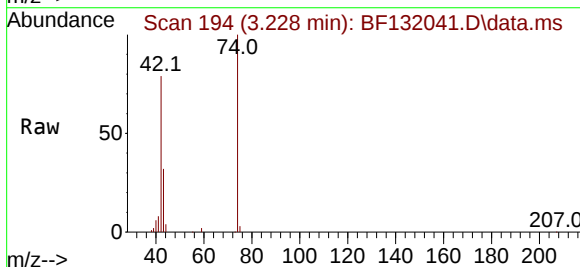
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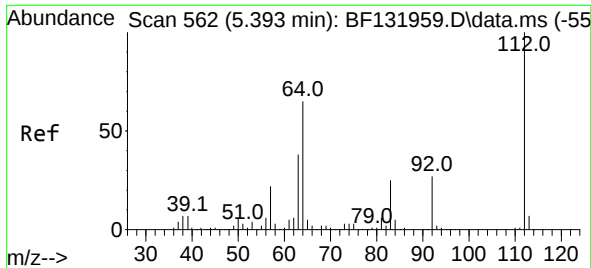
Tgt Ion: 79 Resp: 185781  
Ion Ratio Lower Upper  
79 100  
52 70.8 53.7 80.5  
51 35.4 28.6 43.0



#4  
n-Nitrosodimethylamine  
Concen: 44.346 ng  
RT: 3.228 min Scan# 194  
Delta R.T. 0.094 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion: 42 Resp: 112170  
Ion Ratio Lower Upper  
42 100  
74 125.9 94.8 142.2  
44 5.6 4.5 6.7

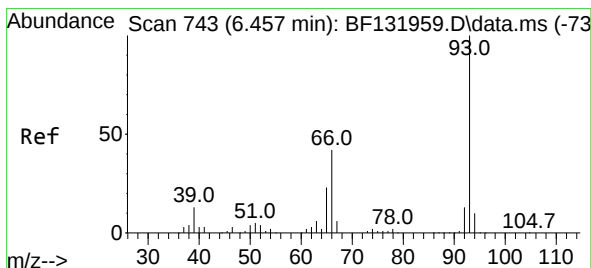
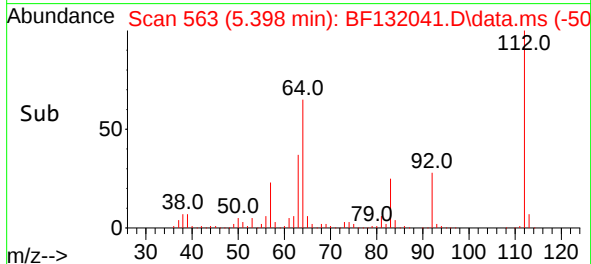
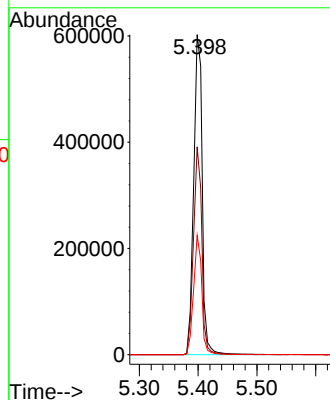
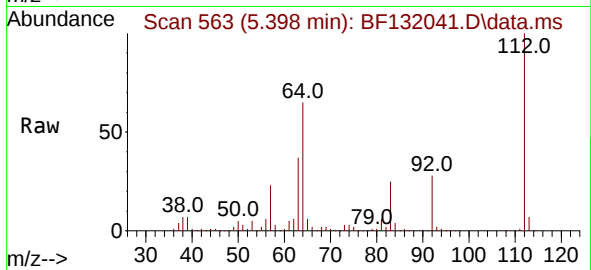




#5  
2-Fluorophenol  
Concen: 138.717 ng  
RT: 5.398 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

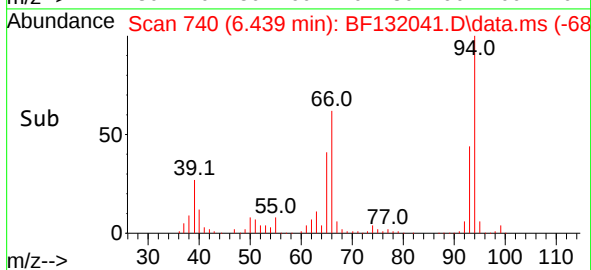
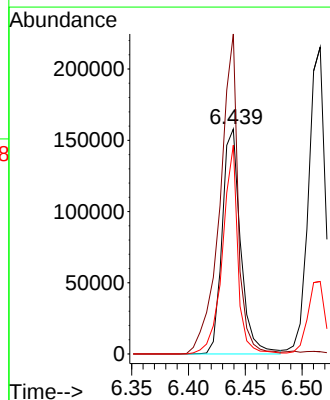
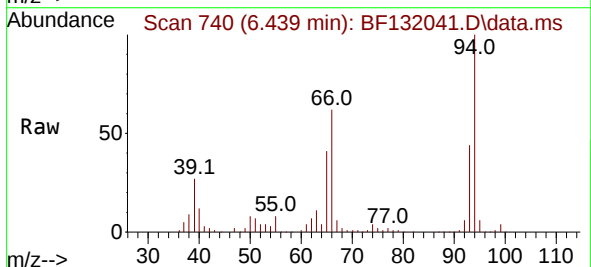
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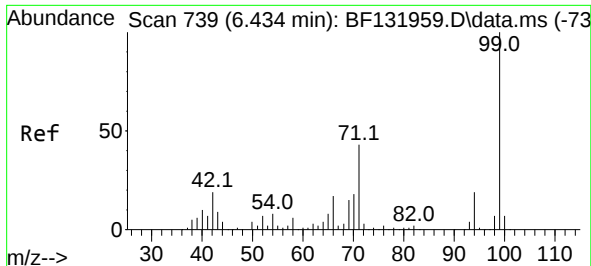
Tgt Ion:112 Resp: 609079  
Ion Ratio Lower Upper  
112 100  
64 65.0 51.9 77.9  
63 37.2 30.2 45.2



#6  
Aniline  
Concen: 23.302 ng  
RT: 6.439 min Scan# 740  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion: 93 Resp: 178485  
Ion Ratio Lower Upper  
93 100  
66 142.3 34.6 51.8#  
65 92.9 18.2 27.2#

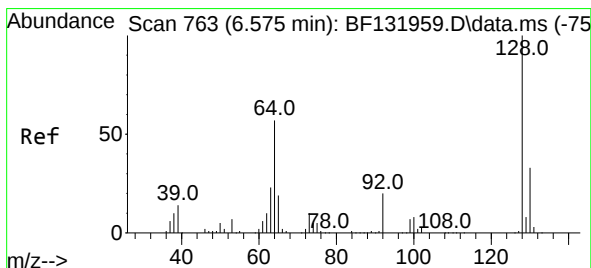
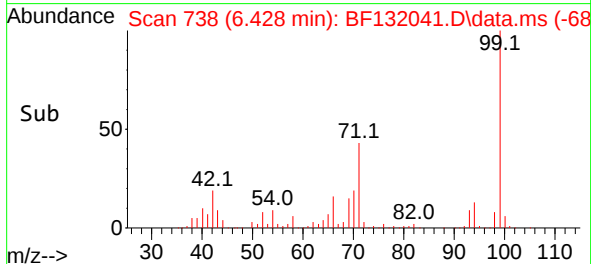
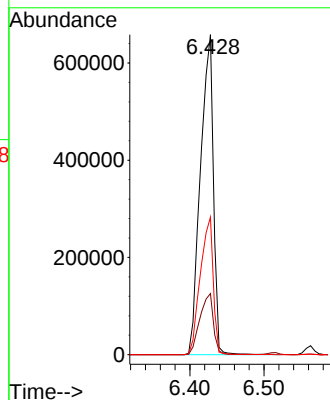
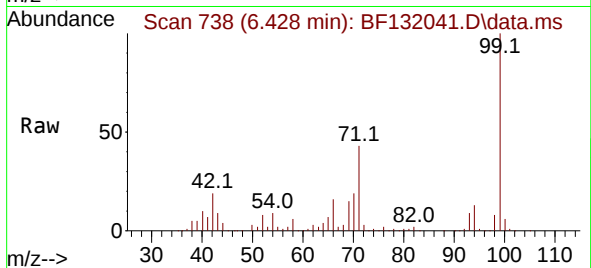




#7  
Phenol-d6  
Concen: 136.963 ng  
RT: 6.428 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

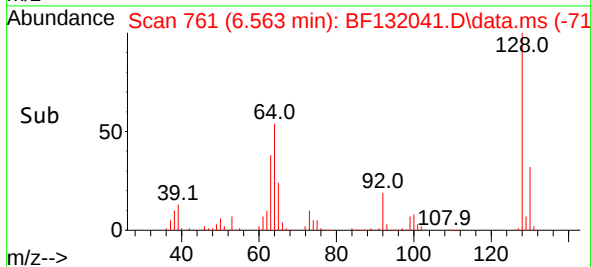
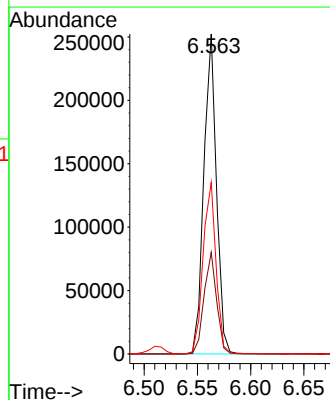
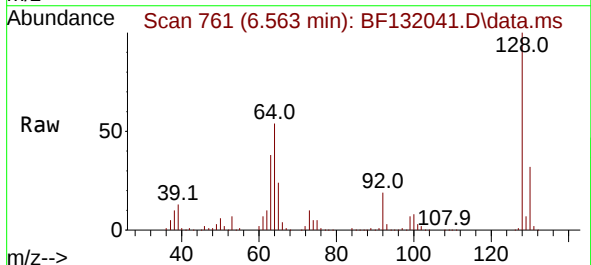
Instrument :  
BNA\_F  
ClientSampleId :  
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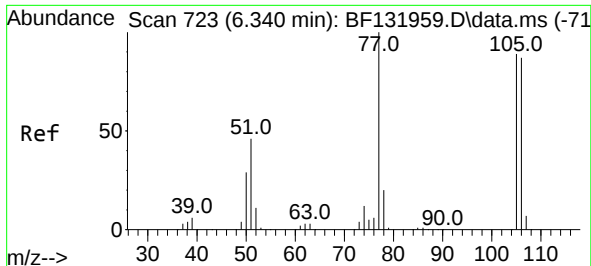
Tgt Ion: 99 Resp: 797358  
Ion Ratio Lower Upper  
99 100  
42 19.1 15.4 23.2  
71 43.0 34.6 51.8



#8  
2-Chlorophenol  
Concen: 47.344 ng  
RT: 6.563 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:128 Resp: 208568  
Ion Ratio Lower Upper  
128 100  
130 31.7 12.5 52.5  
64 53.6 37.6 77.6

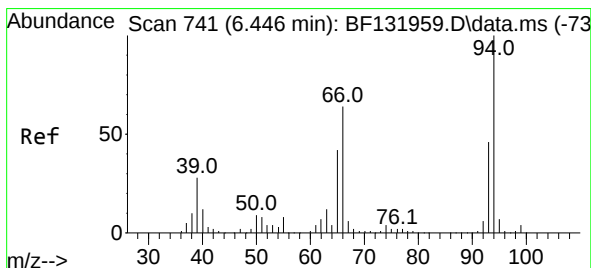
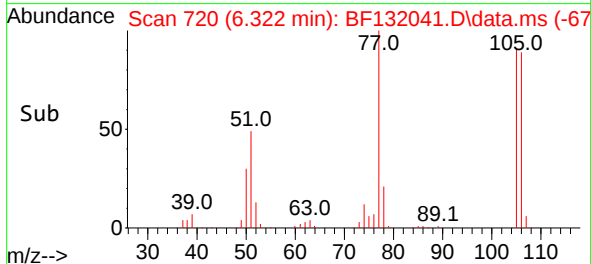
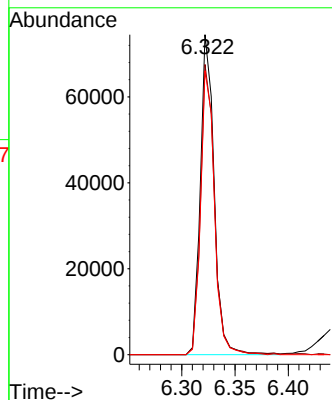
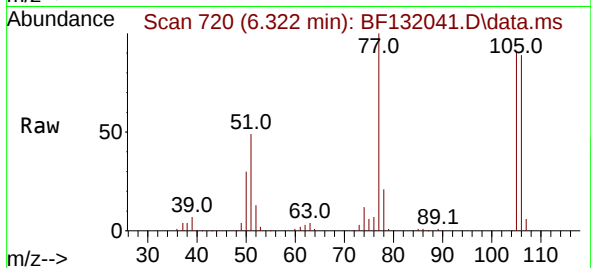




#9  
Benzaldehyde  
Concen: 17.440 ng  
RT: 6.322 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

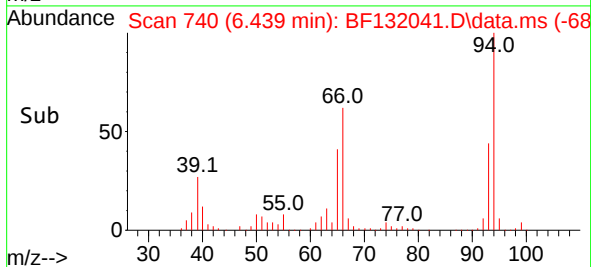
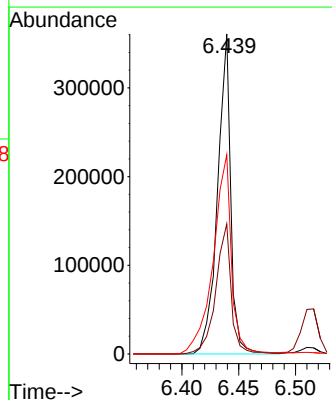
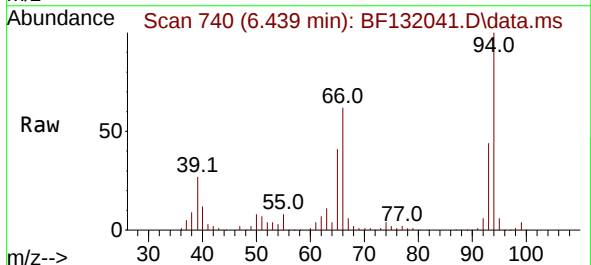
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

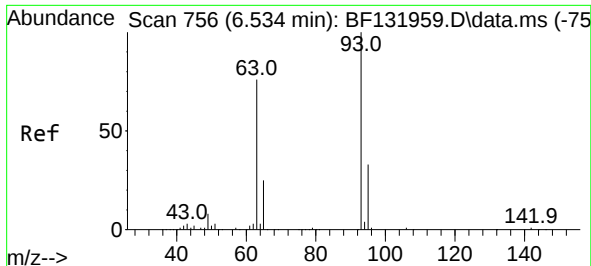
Tgt Ion: 77 Resp: 67558  
Ion Ratio Lower Upper  
77 100  
105 90.7 69.0 109.0  
106 88.7 67.0 107.0



#10  
Phenol  
Concen: 45.064 ng  
RT: 6.439 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion: 94 Resp: 292660  
Ion Ratio Lower Upper  
94 100  
65 40.6 22.2 62.2  
66 62.3 44.4 84.4

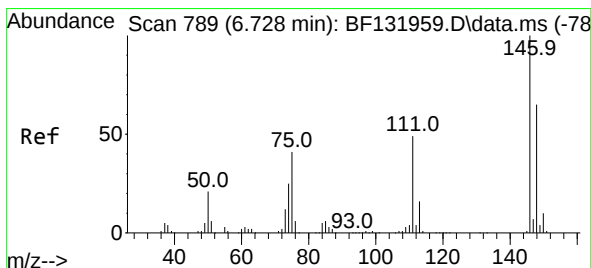
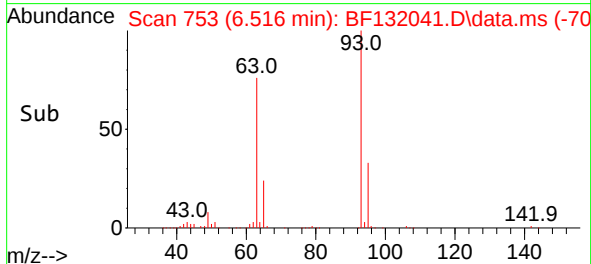
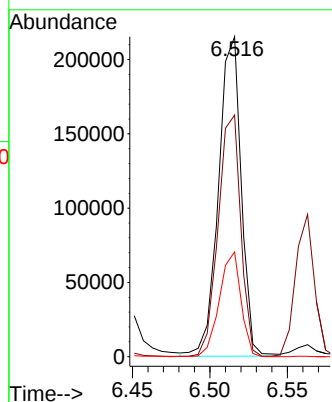
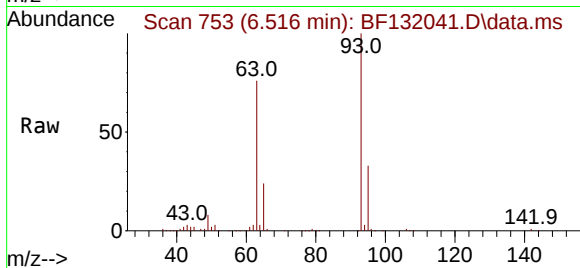




#11  
bis(2-Chloroethyl)ether  
Concen: 44.867 ng  
RT: 6.516 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

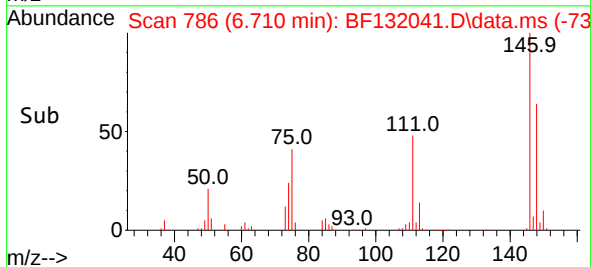
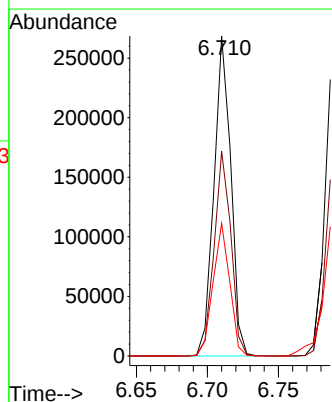
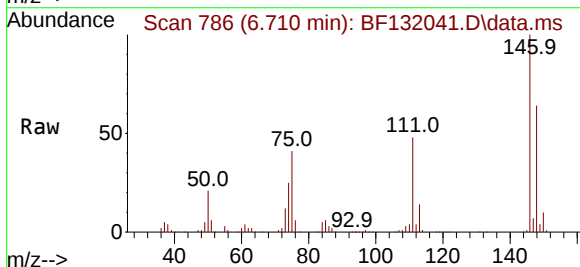
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

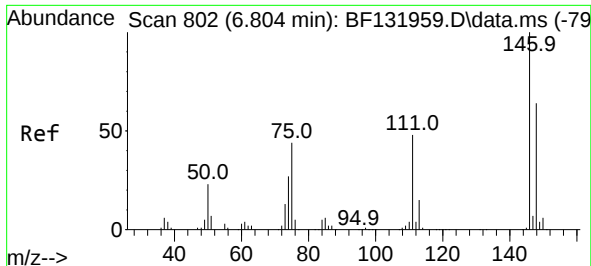
Tgt Ion: 93 Resp: 219652  
Ion Ratio Lower Upper  
93 100  
63 75.5 55.5 95.5  
95 32.7 13.1 53.1



#12  
1,3-Dichlorobenzene  
Concen: 45.272 ng  
RT: 6.710 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion: 146 Resp: 222142  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.7 77.5  
75 41.4 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 44.855 ng

RT: 6.792 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

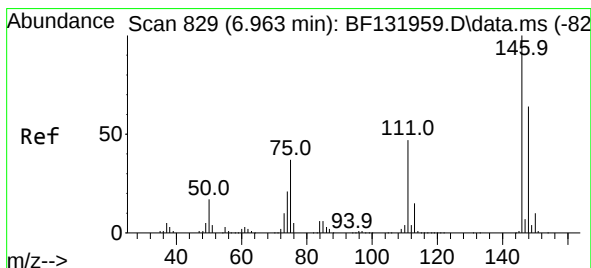
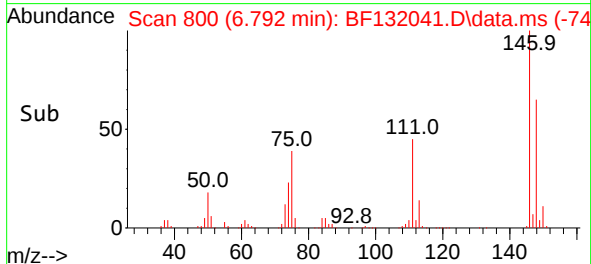
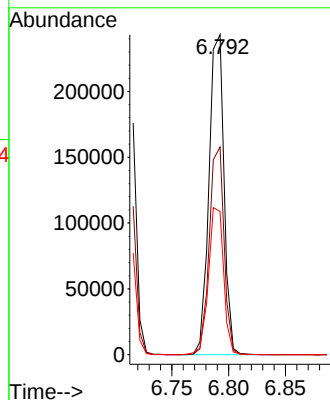
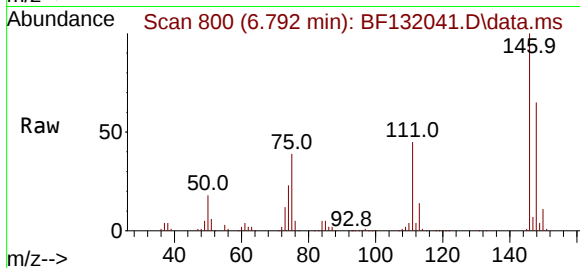
Tgt Ion:146 Resp: 222693

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

111 44.7 38.5 57.7



#14

1,2-Dichlorobenzene

Concen: 45.494 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

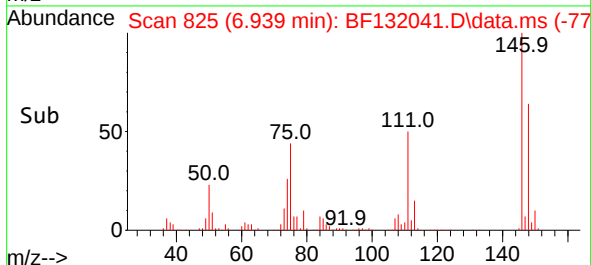
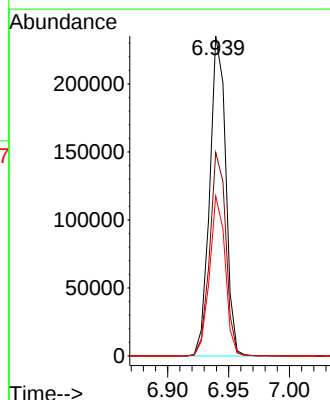
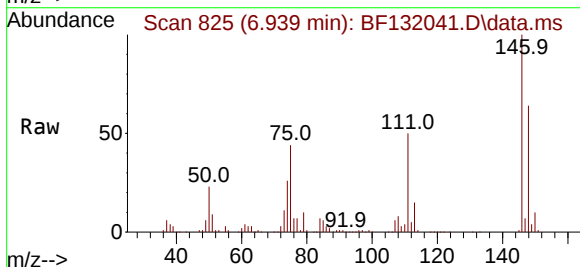
Tgt Ion:146 Resp: 214513

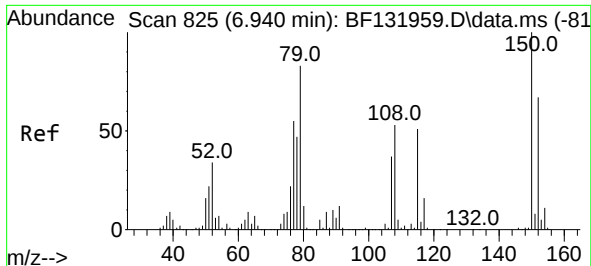
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 50.0 37.7 56.5

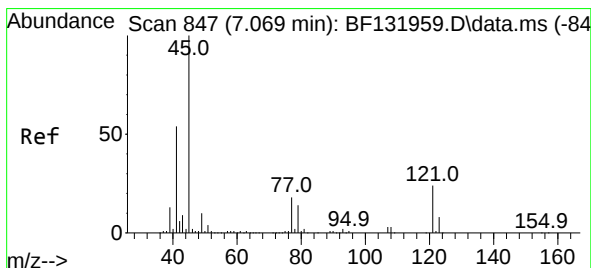
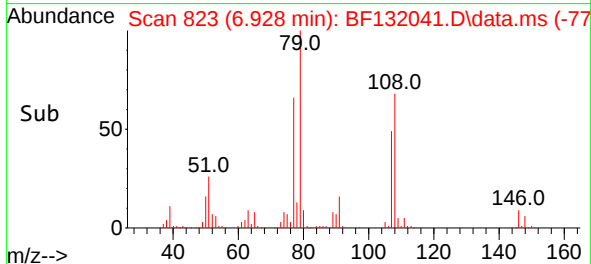
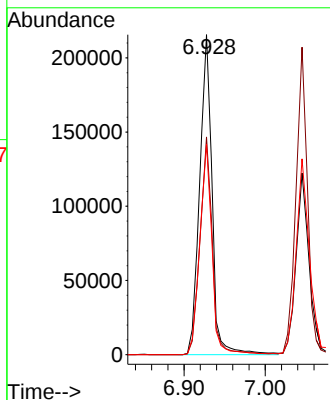
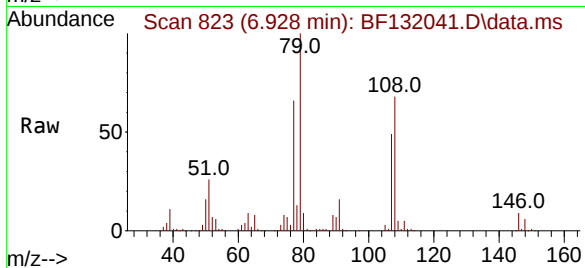




#15  
Benzyl Alcohol  
Concen: 45.223 ng  
RT: 6.928 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

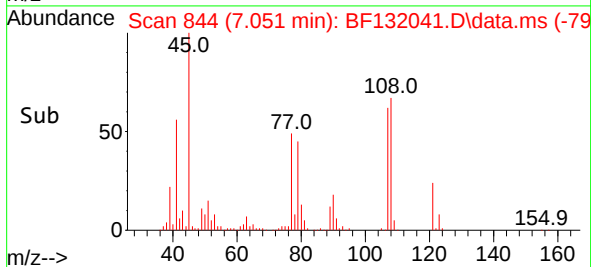
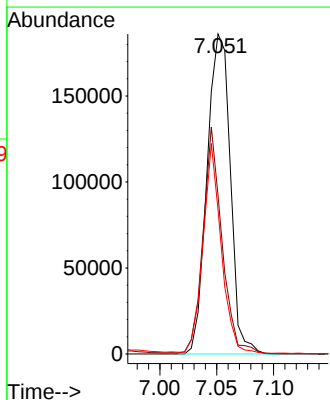
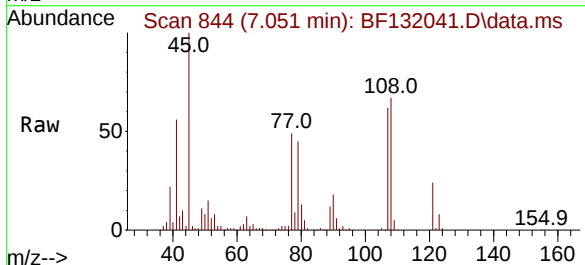
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

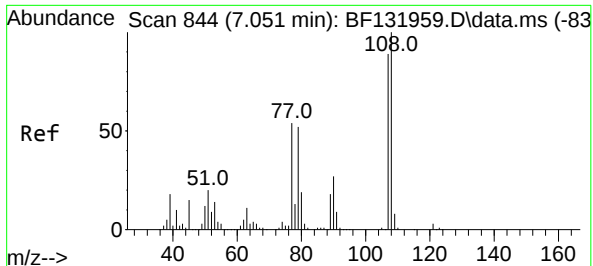
Tgt Ion: 79 Resp: 229263  
Ion Ratio Lower Upper  
79 100  
108 68.1 51.7 77.5  
77 65.9 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.841 ng  
RT: 7.051 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion: 45 Resp: 264681  
Ion Ratio Lower Upper  
45 100  
77 49.4 0.0 38.1#  
79 45.0 0.0 34.6#

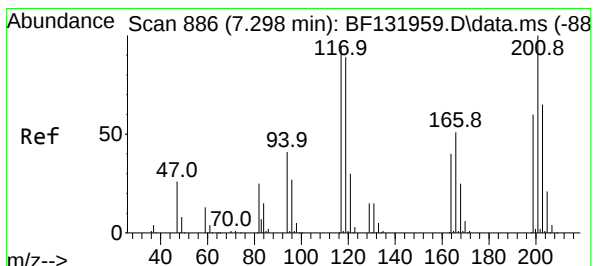
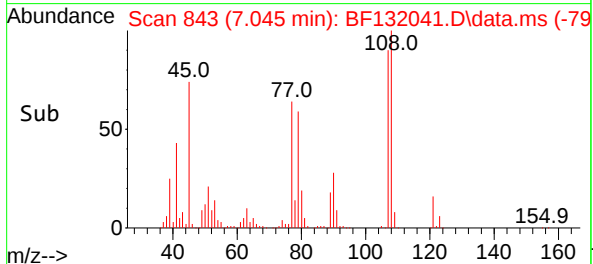
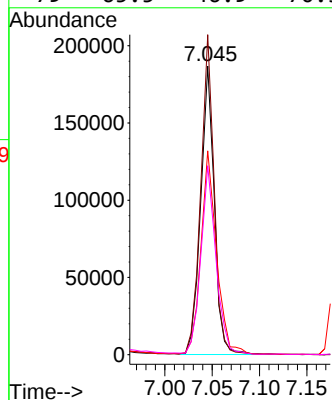
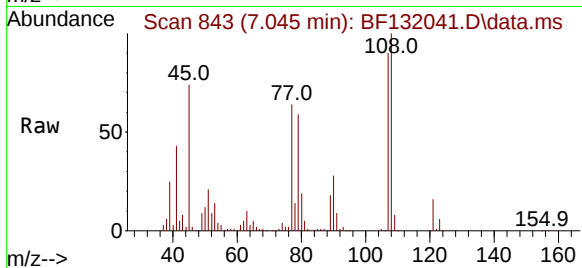




#17  
2-Methylphenol  
Concen: 43.080 ng  
RT: 7.045 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

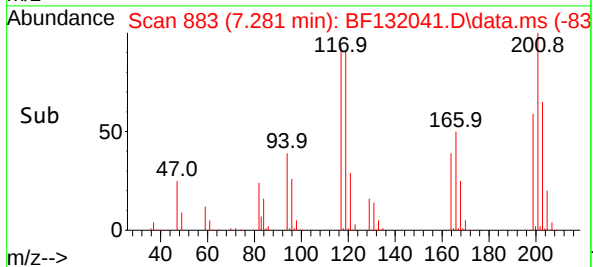
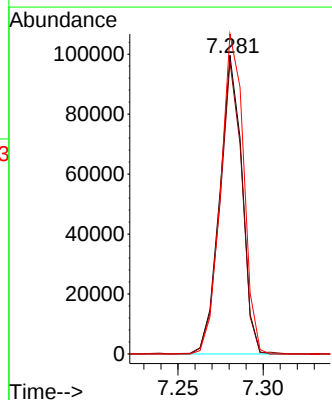
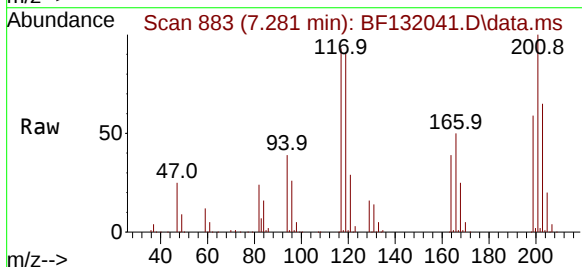
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

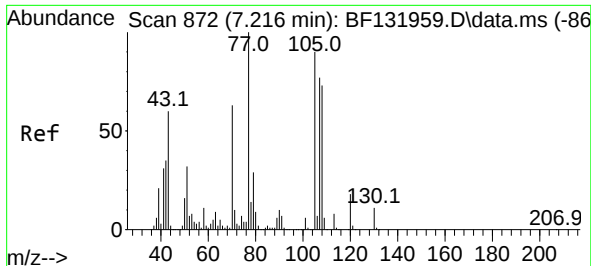
Tgt Ion:107 Resp: 187813  
Ion Ratio Lower Upper  
107 100  
108 110.9 90.0 135.0  
77 70.6 48.8 73.2  
79 65.5 46.9 70.3



#18  
Hexachloroethane  
Concen: 44.041 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:117 Resp: 90423  
Ion Ratio Lower Upper  
117 100  
119 97.9 75.4 113.0  
201 107.1 84.2 126.4

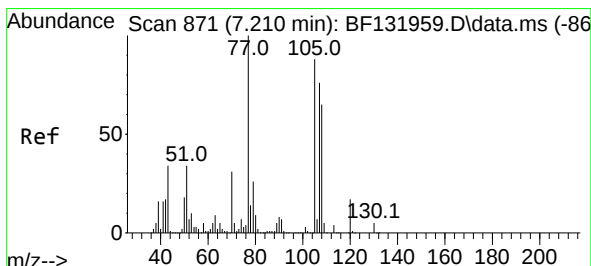
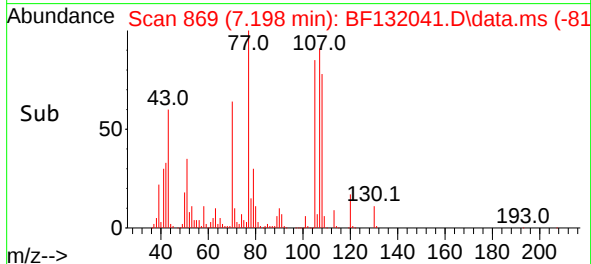
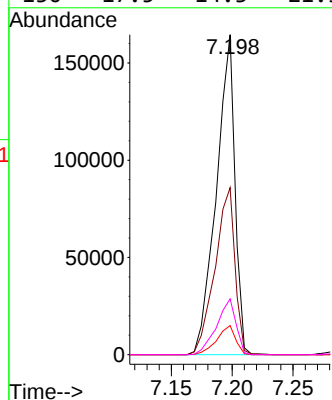
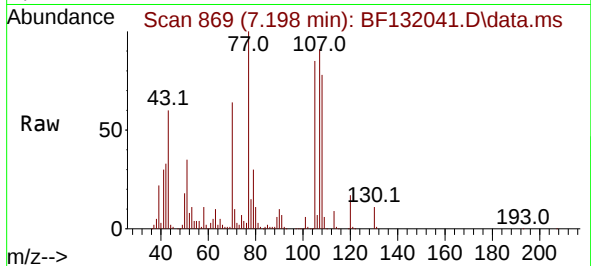




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.515 ng  
RT: 7.198 min Scan# 809  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

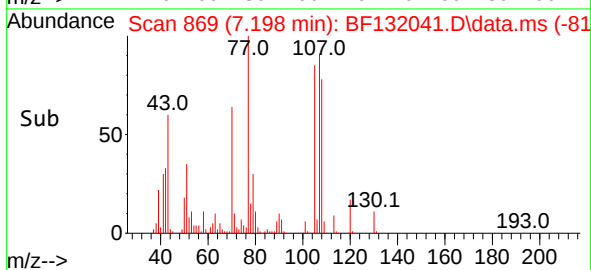
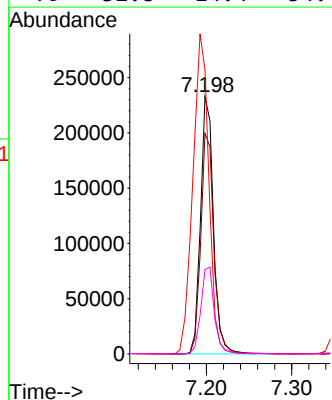
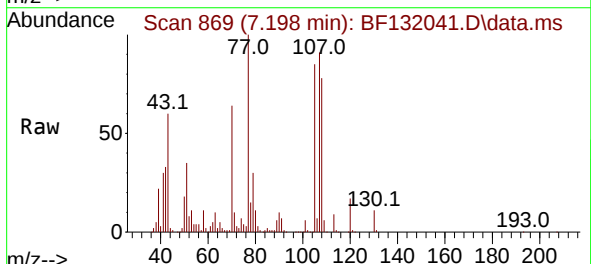
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

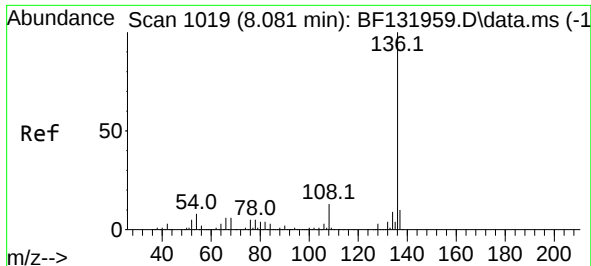
Tgt Ion: 70 Resp: 174833  
Ion Ratio Lower Upper  
70 100  
42 52.2 44.3 66.5  
101 9.1 7.5 11.3  
130 17.5 14.3 21.5



#20  
3+4-Methylphenols  
Concen: 43.751 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion: 107 Resp: 244872  
Ion Ratio Lower Upper  
107 100  
108 85.7 65.1 105.1  
77 110.4 111.2 151.2#  
79 32.8 14.4 54.4

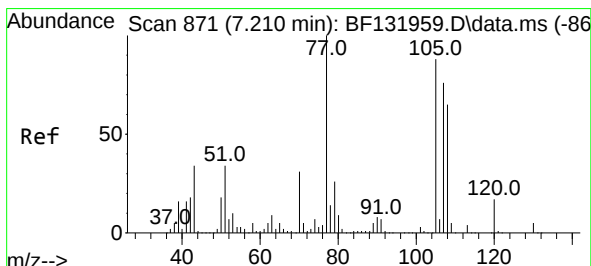
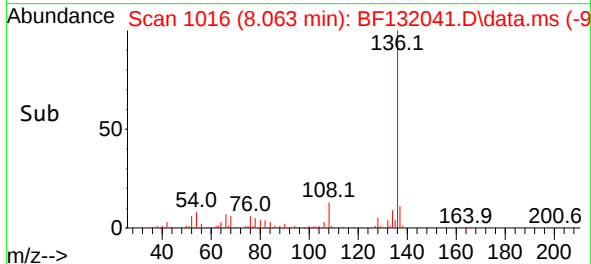
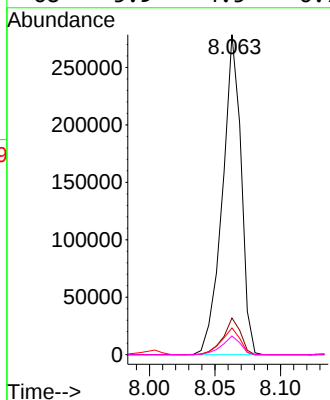
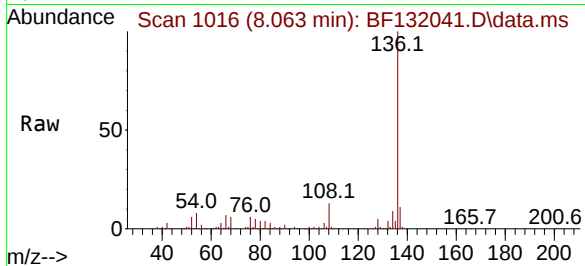




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

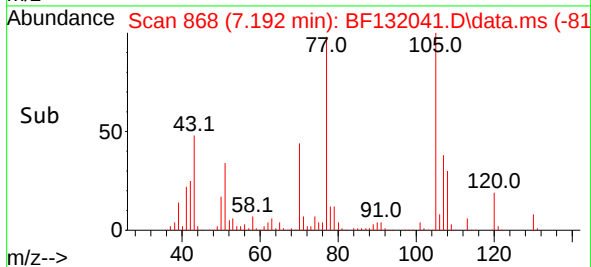
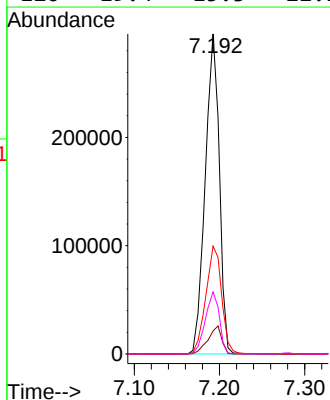
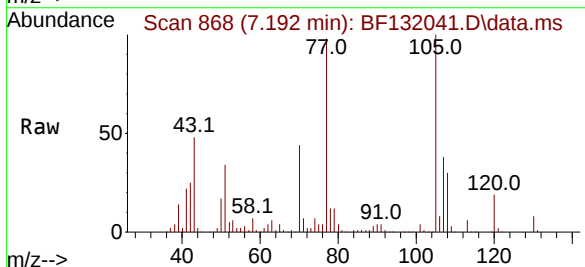
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

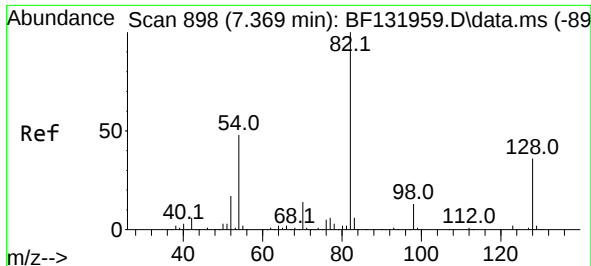
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 275152 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 8.2   | 12.2   |
| 54       | 8.4   | 6.6   | 9.8    |
| 68       | 5.9   | 4.5   | 6.7    |



#22  
Acetophenone  
Concen: 42.367 ng  
RT: 7.192 min Scan# 868  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 339410 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 7.2   | 4.6   | 7.0#   |
| 51       | 33.7  | 30.6  | 46.0   |
| 120      | 19.4  | 15.3  | 22.9   |





#23

Nitrobenzene-d5

Concen: 83.194 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

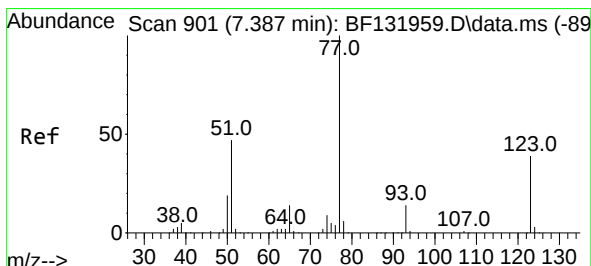
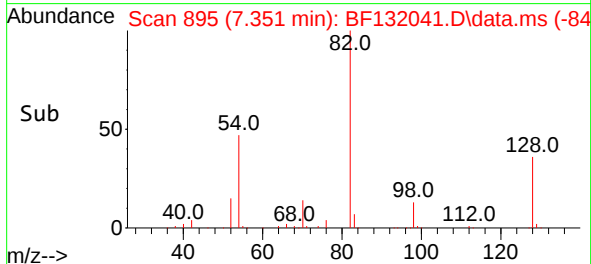
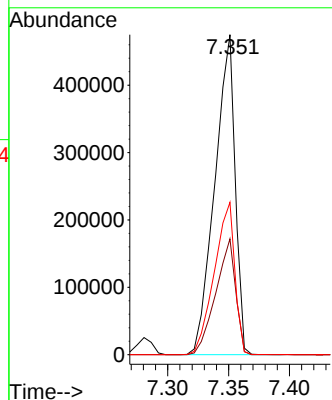
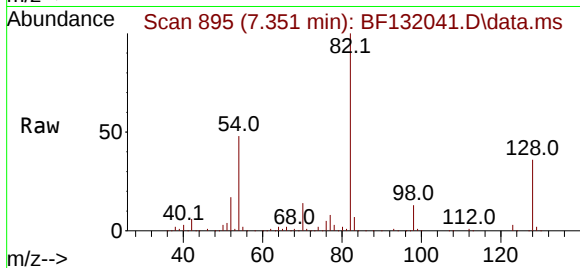
Tgt Ion: 82 Resp: 551545

Ion Ratio Lower Upper

82 100

128 36.2 28.7 43.1

54 47.6 38.1 57.1



#24

Nitrobenzene

Concen: 41.808 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

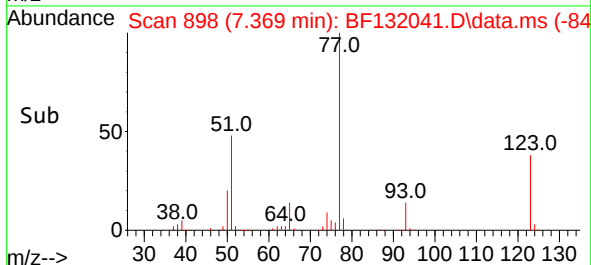
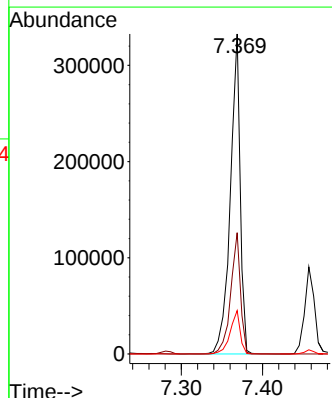
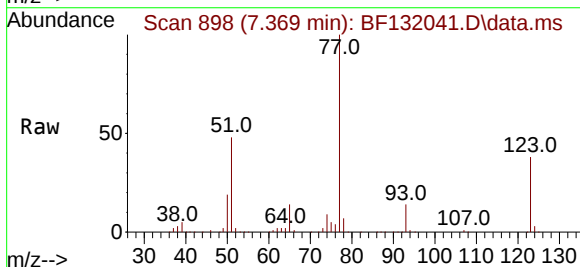
Tgt Ion: 77 Resp: 282172

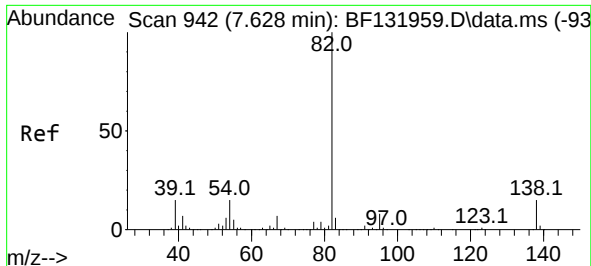
Ion Ratio Lower Upper

77 100

123 37.9 30.9 46.3

65 13.6 10.8 16.2

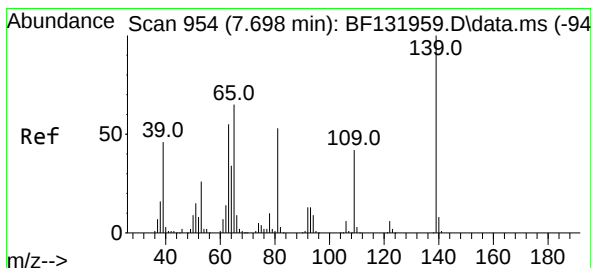
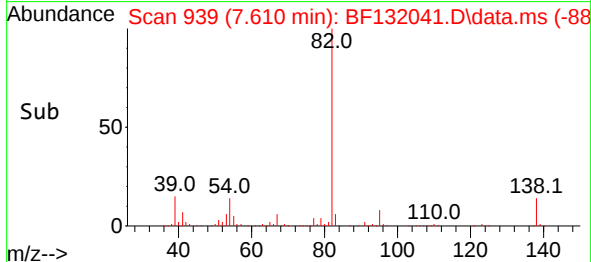
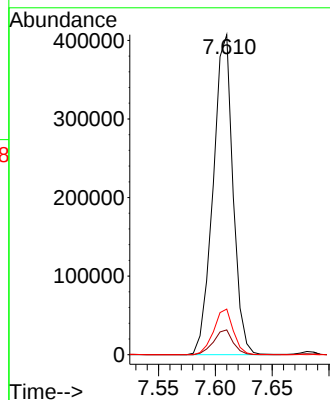
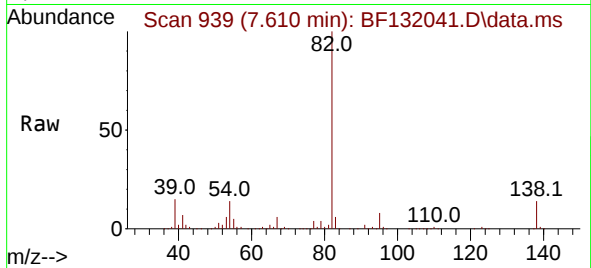




#25  
Isophorone  
Concen: 39.935 ng  
RT: 7.610 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

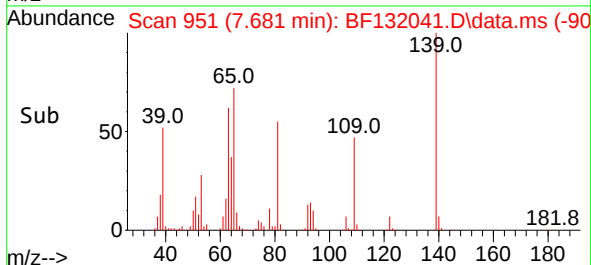
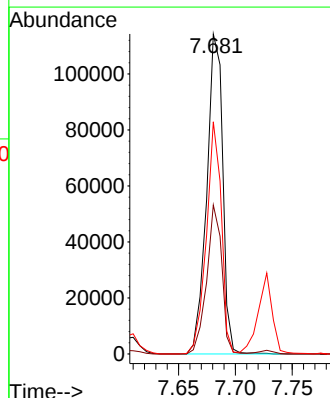
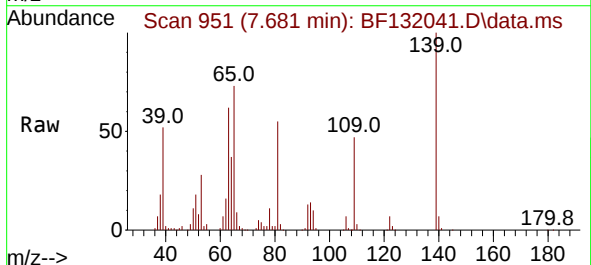
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

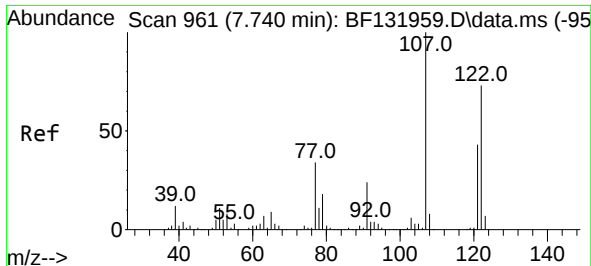
Tgt Ion: 82 Resp: 494594  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.5 9.7  
138 14.3 11.9 17.9



#26  
2-Nitrophenol  
Concen: 42.103 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion: 139 Resp: 111811  
Ion Ratio Lower Upper  
139 100  
109 46.5 33.9 50.9  
65 72.5 51.6 77.4

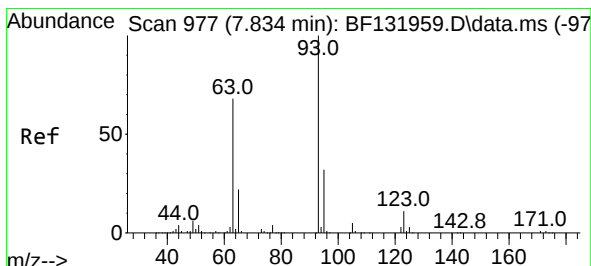
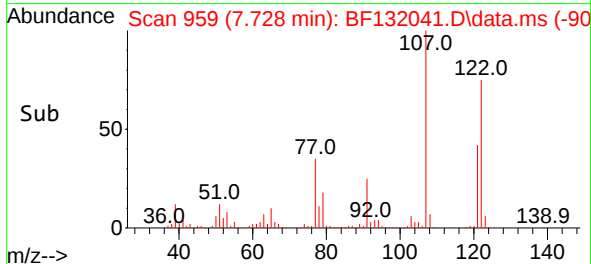
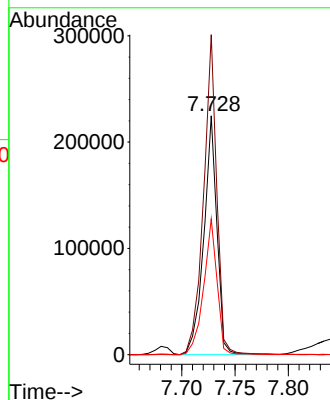
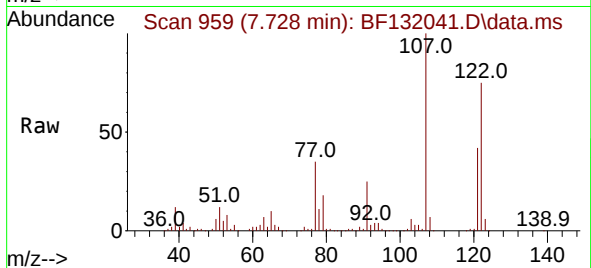




#27  
2,4-Dimethylphenol  
Concen: 43.921 ng  
RT: 7.728 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

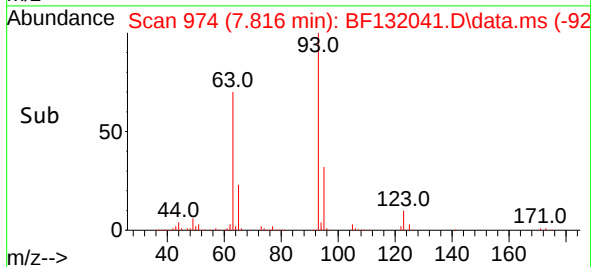
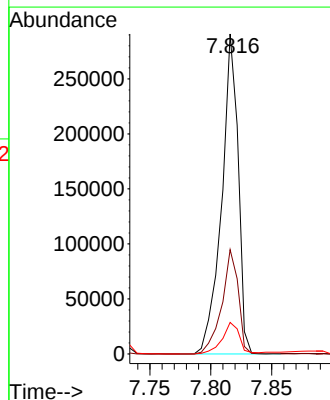
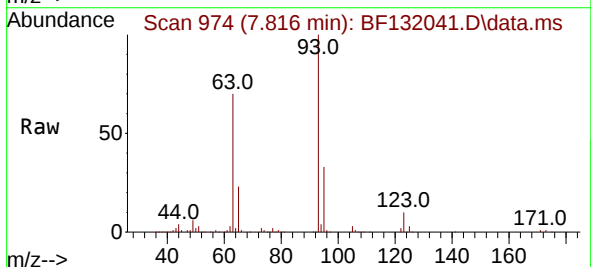
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

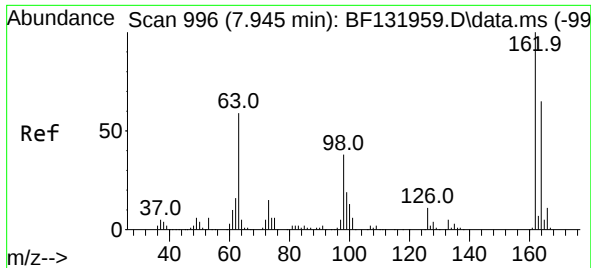
Tgt Ion:122 Resp: 194689  
Ion Ratio Lower Upper  
122 100  
107 133.9 109.4 164.0  
121 56.9 47.2 70.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.083 ng  
RT: 7.816 min Scan# 974  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion: 93 Resp: 274750  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.8 38.6  
123 9.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 43.150 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

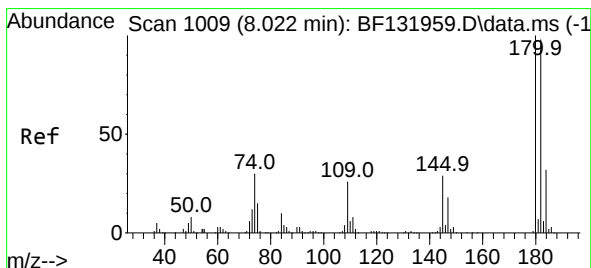
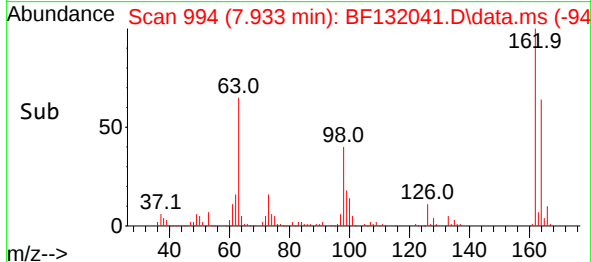
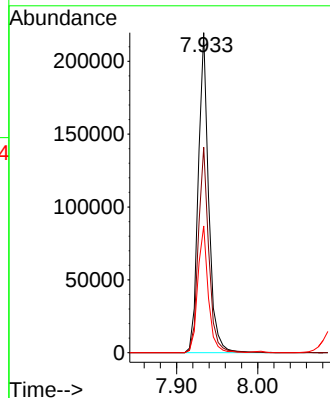
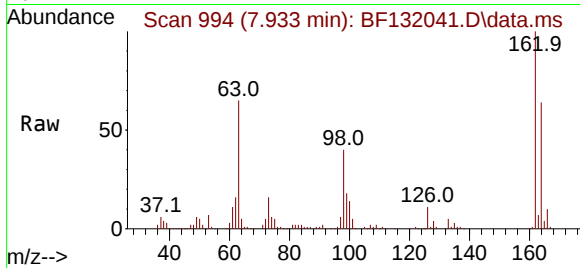
Tgt Ion:162 Resp: 195915

Ion Ratio Lower Upper

162 100

164 64.2 45.2 85.2

98 39.6 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 41.401 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

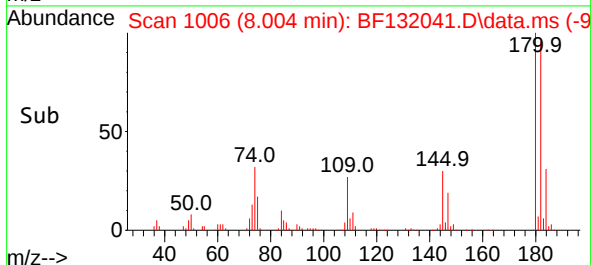
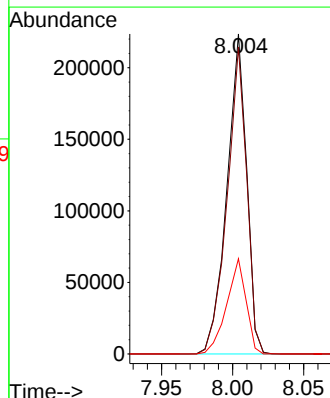
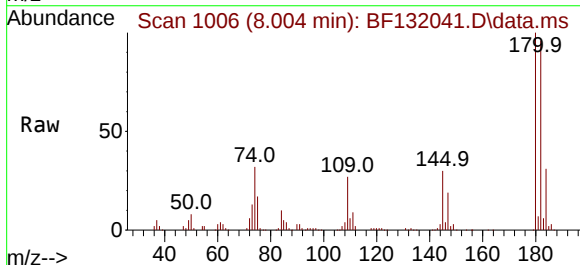
Tgt Ion:180 Resp: 215280

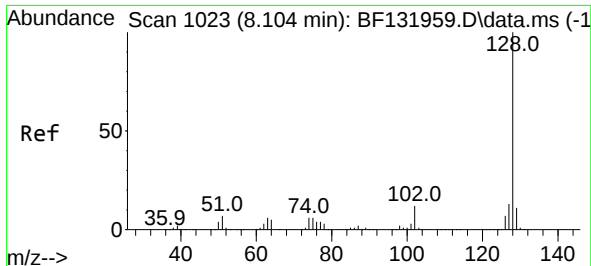
Ion Ratio Lower Upper

180 100

182 96.0 78.4 117.6

145 29.8 23.2 34.8

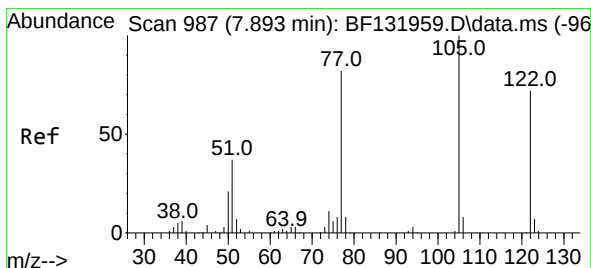
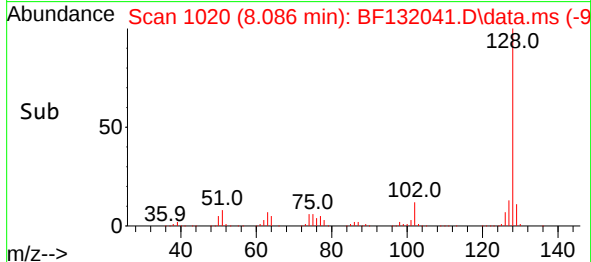
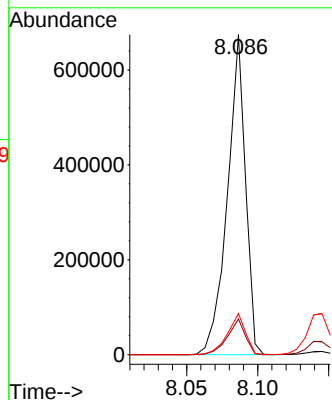
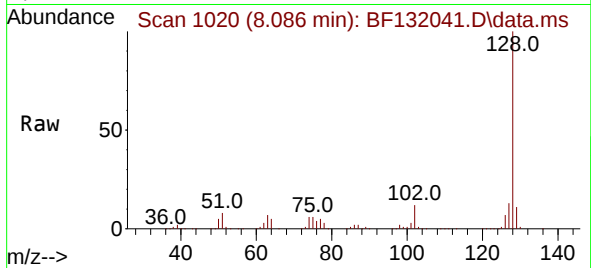




#31  
Naphthalene  
Concen: 40.992 ng  
RT: 8.086 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

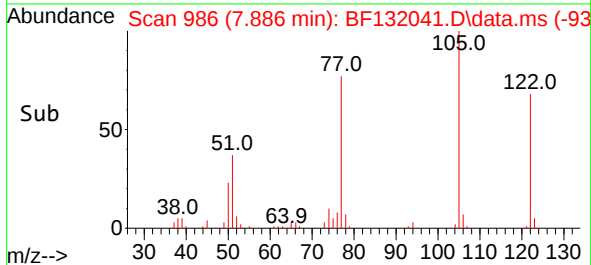
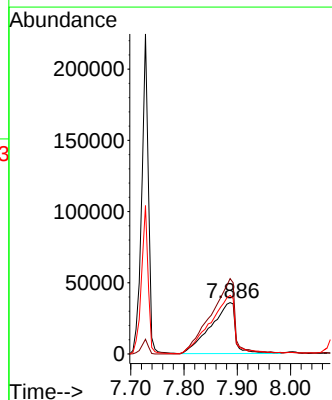
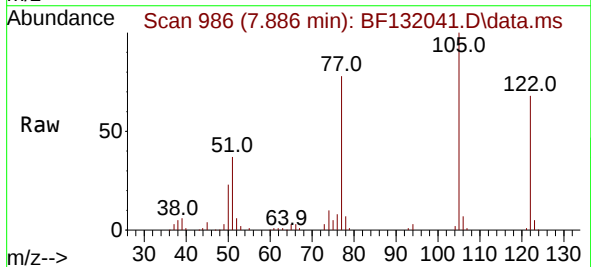
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

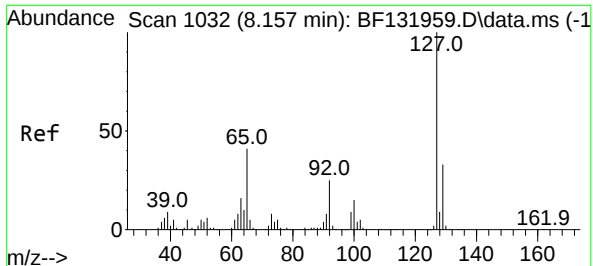
Tgt Ion:128 Resp: 596063  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 12.9 10.5 15.7



#32  
Benzoic acid  
Concen: 45.288 ng  
RT: 7.886 min Scan# 986  
Delta R.T. 0.012 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:122 Resp: 116383  
Ion Ratio Lower Upper  
122 100  
105 146.7 116.3 156.3  
77 113.9 92.7 132.7

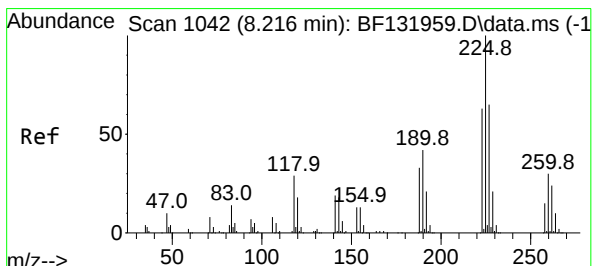
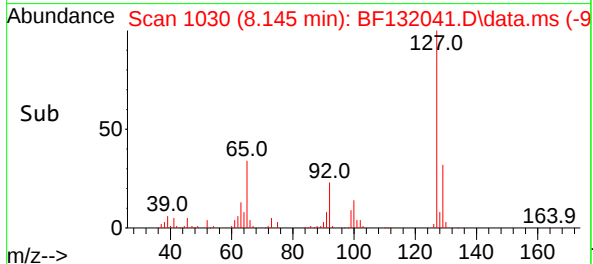
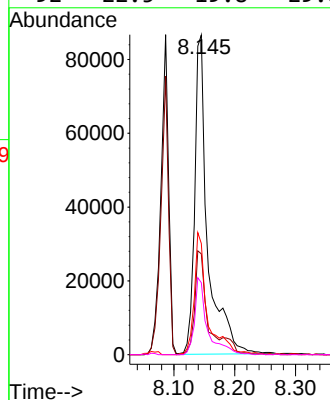
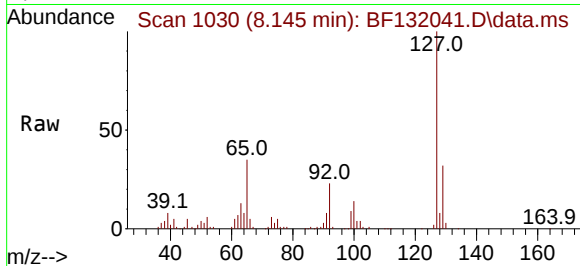




#33  
4-Chloroaniline  
Concen: 21.511 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

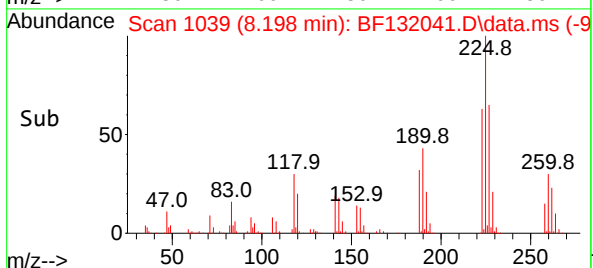
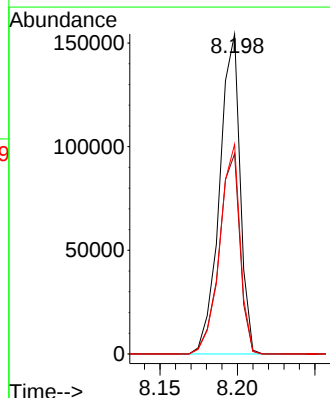
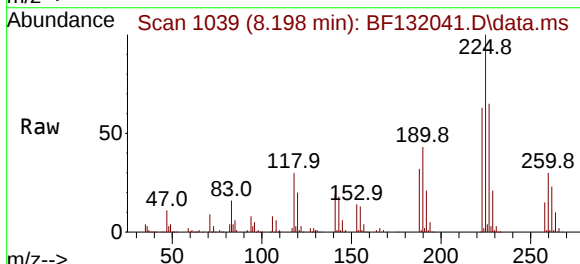
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

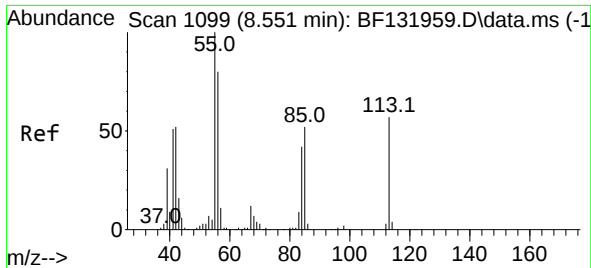
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 129077    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.5  | 26.5 39.7 |
| 65          | 34.8  | 33.1 49.7 |
| 92          | 22.5  | 19.8 29.8 |



#34  
Hexachlorobutadiene  
Concen: 39.473 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 142310    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.6  | 50.6 75.8 |
| 227         | 65.5  | 51.6 77.4 |

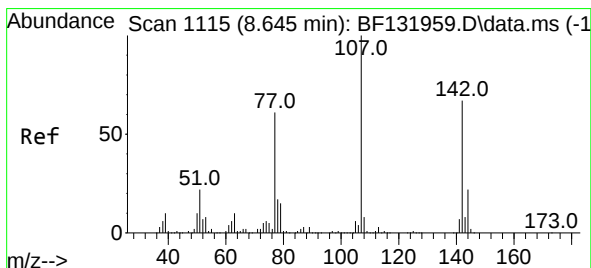
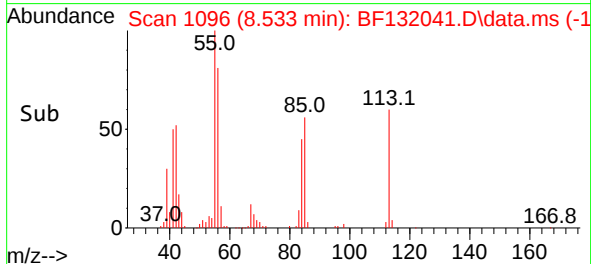
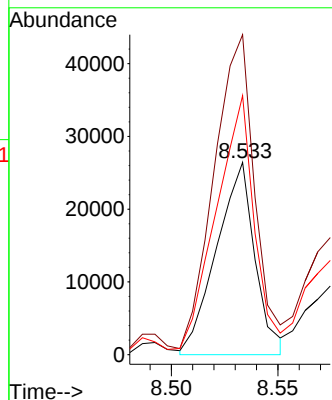
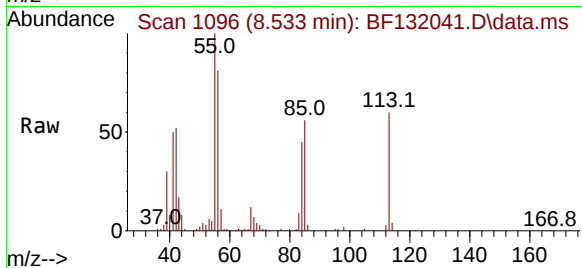




#35  
 Caprolactam  
 Concen: 24.891 ng  
 RT: 8.533 min Scan# 1096  
 Delta R.T. 0.006 min  
 Lab File: BF132041.D  
 Acq: 12 Jan 2023 14:56

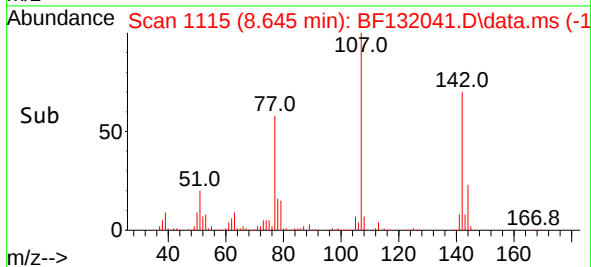
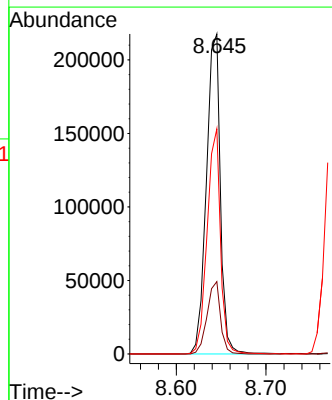
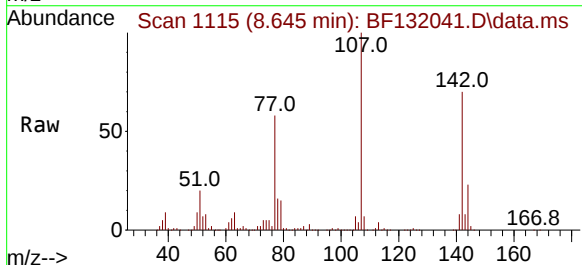
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150088BS

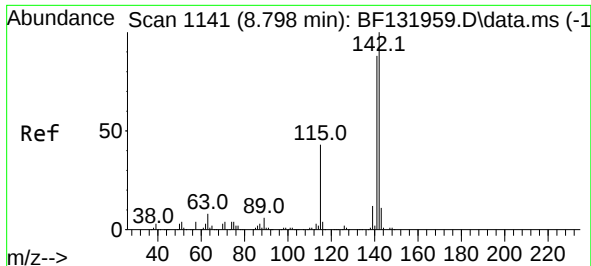
Tgt Ion:113 Resp: 33192  
 Ion Ratio Lower Upper  
 113 100  
 55 166.5 154.4 194.4  
 56 134.7 119.6 159.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.154 ng  
 RT: 8.645 min Scan# 1115  
 Delta R.T. 0.012 min  
 Lab File: BF132041.D  
 Acq: 12 Jan 2023 14:56

Tgt Ion:107 Resp: 235292  
 Ion Ratio Lower Upper  
 107 100  
 144 22.6 17.4 26.2  
 142 70.4 53.7 80.5





#37

2-Methylnaphthalene

Concen: 39.639 ng

RT: 8.780 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

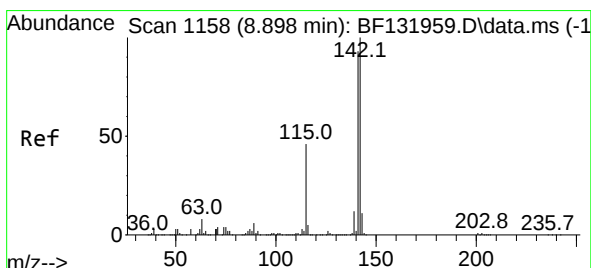
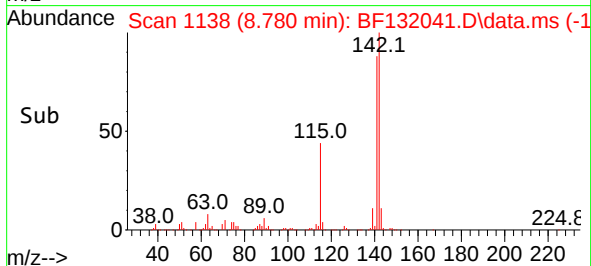
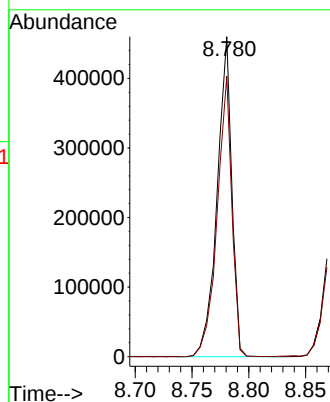
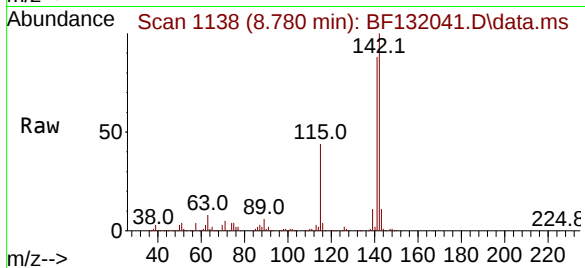
PB150088BS

Tgt Ion:142 Resp: 413973

Ion Ratio Lower Upper

142 100

141 87.6 70.6 106.0



#38

1-Methylnaphthalene

Concen: 40.290 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF132041.D

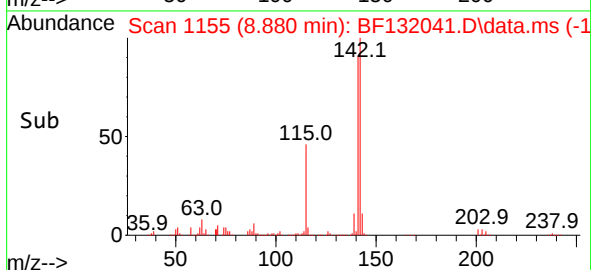
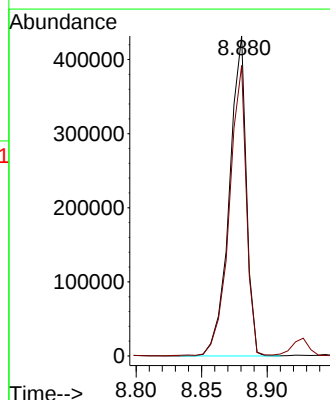
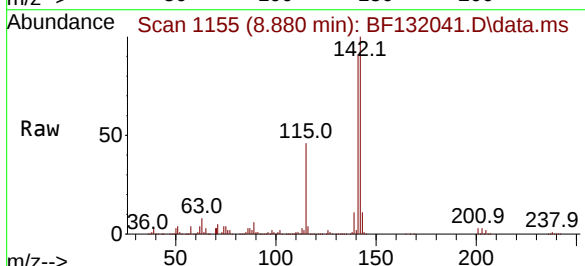
Acq: 12 Jan 2023 14:56

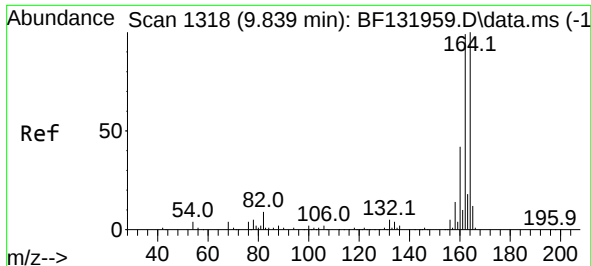
Tgt Ion:142 Resp: 389836

Ion Ratio Lower Upper

142 100

141 90.7 74.3 111.5

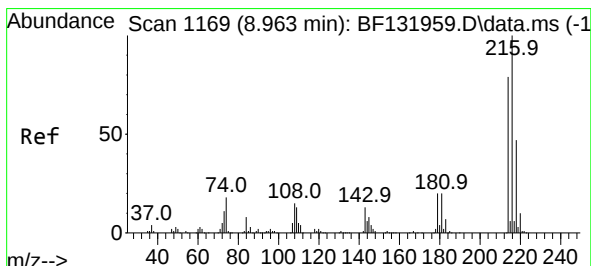
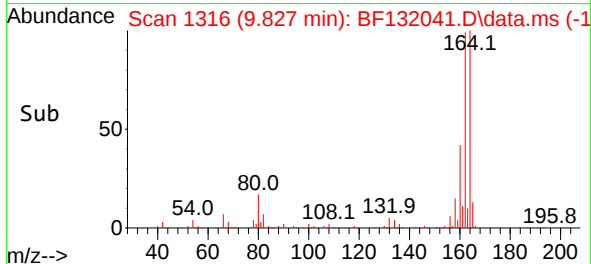
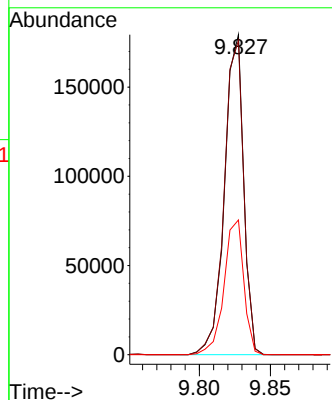
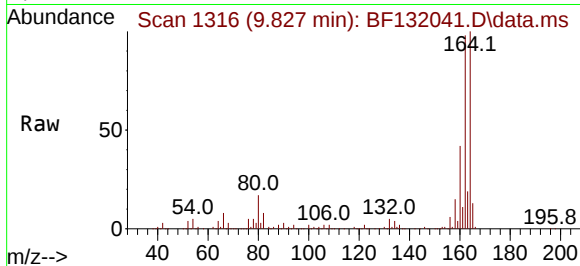




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.827 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

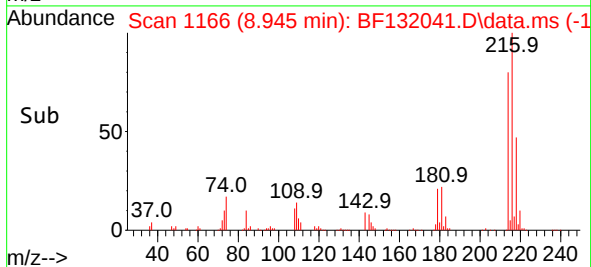
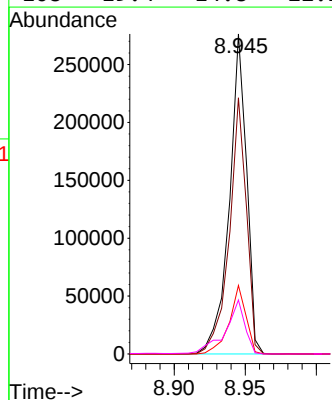
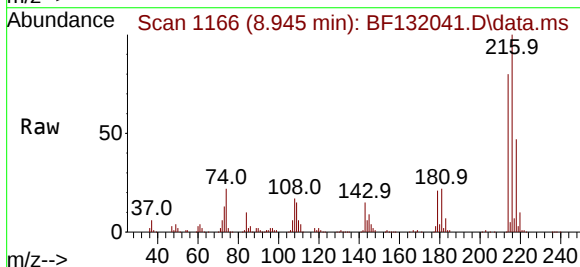
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

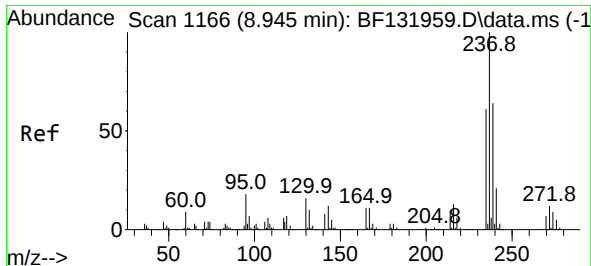
Tgt Ion:164 Resp: 167537  
Ion Ratio Lower Upper  
164 100  
162 98.2 79.4 119.0  
160 42.1 33.9 50.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.473 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:216 Resp: 233034  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.9 95.9  
179 20.8 16.4 24.6  
108 19.4 14.8 22.2

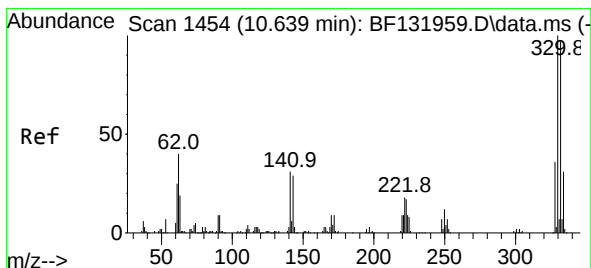
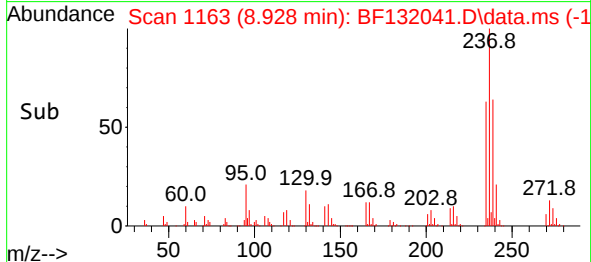
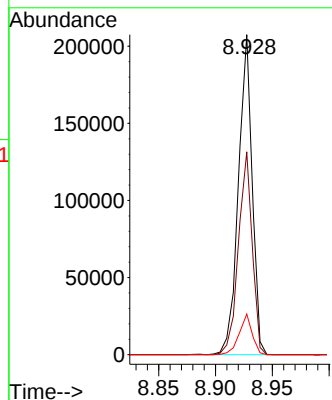
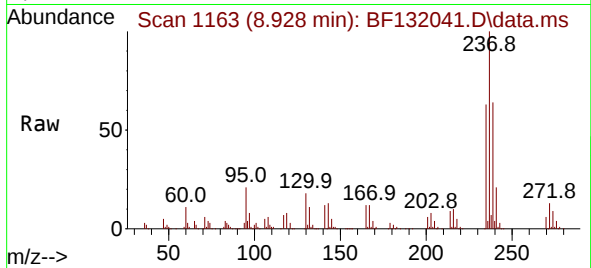




#41  
Hexachlorocyclopentadiene  
Concen: 61.639 ng  
RT: 8.928 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

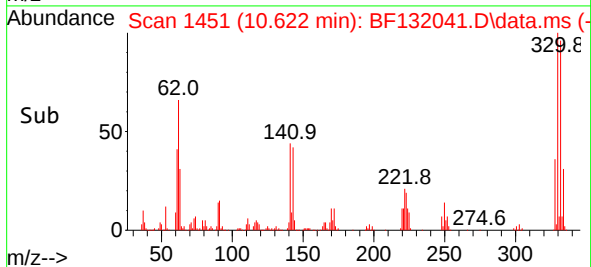
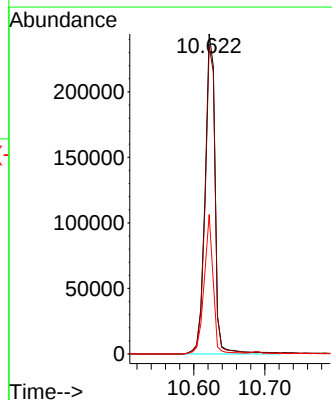
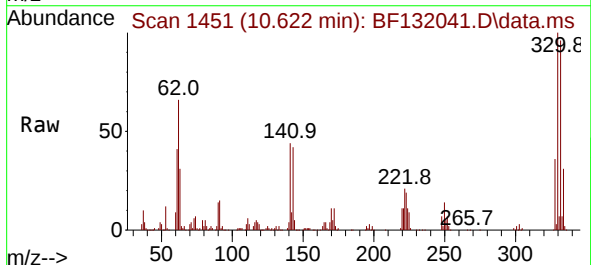
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

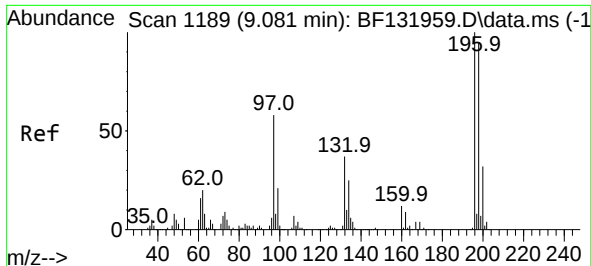
Tgt Ion:237 Resp: 174899  
Ion Ratio Lower Upper  
237 100  
235 63.4 41.2 81.2  
272 12.7 0.0 31.7



#42  
2,4,6-Tribromophenol  
Concen: 125.365 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:330 Resp: 241491  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.9 115.3  
141 39.0 31.3 46.9

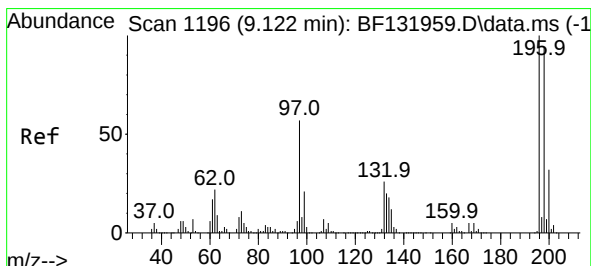
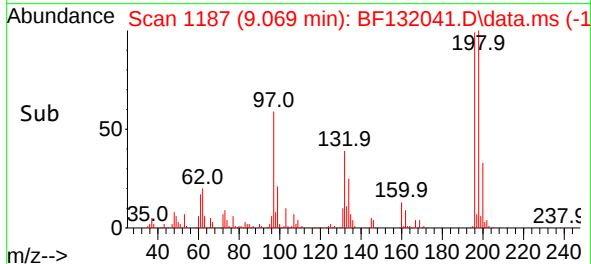
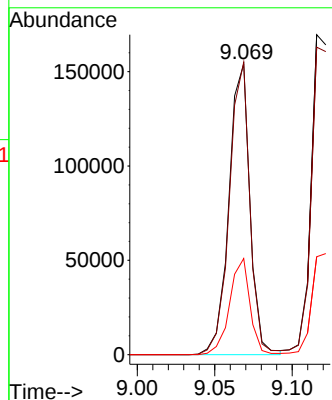
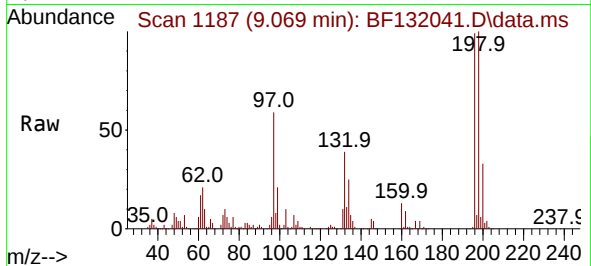




#43  
2,4,6-Trichlorophenol  
Concen: 40.978 ng  
RT: 9.069 min Scan# 1189  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

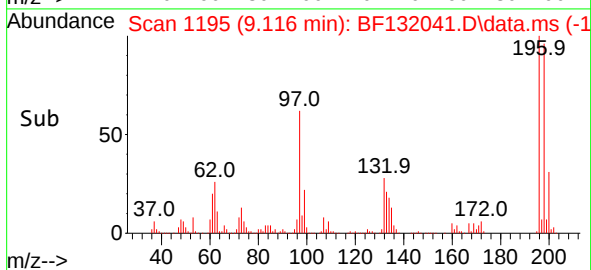
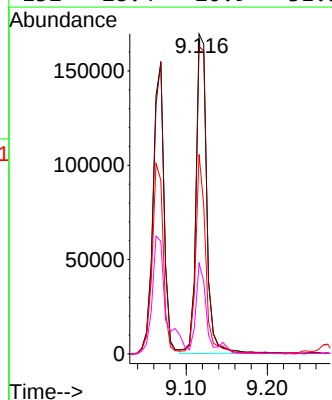
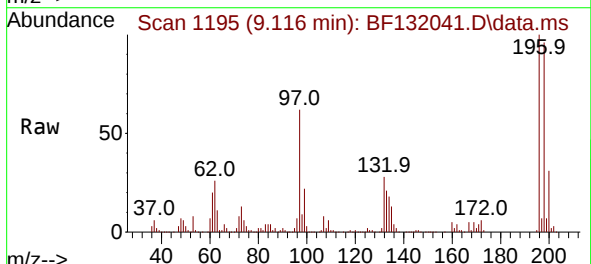
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

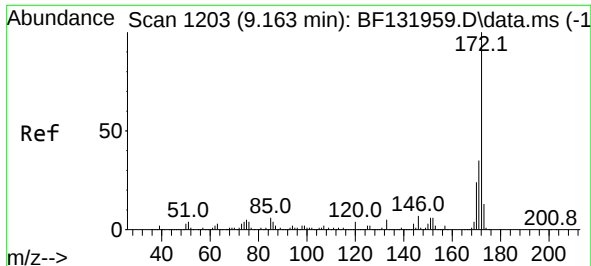
Tgt Ion:196 Resp: 145615  
Ion Ratio Lower Upper  
196 100  
198 100.6 76.3 114.5  
200 33.1 25.8 38.6



#44  
2,4,5-Trichlorophenol  
Concen: 37.855 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:196 Resp: 156606  
Ion Ratio Lower Upper  
196 100  
198 96.1 75.3 112.9  
97 62.4 45.6 68.4  
132 28.4 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 78.712 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

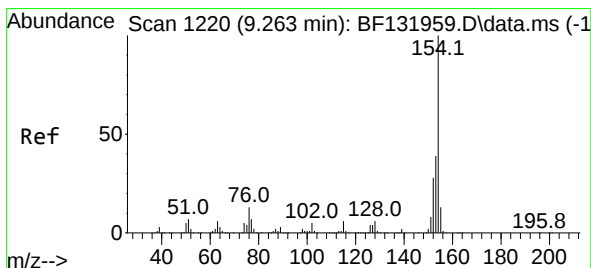
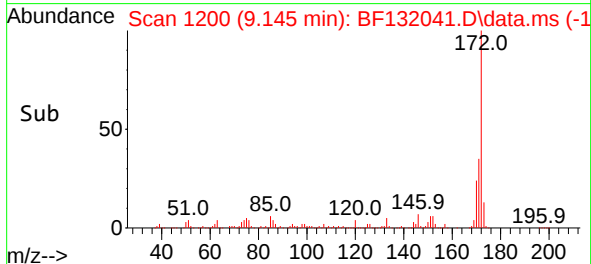
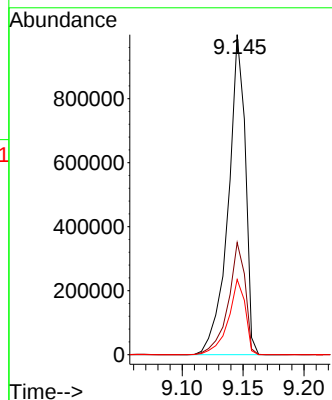
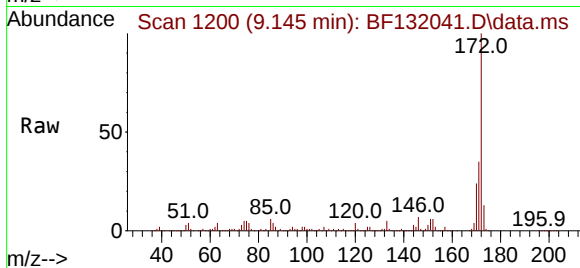
Tgt Ion:172 Resp: 976862

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.477 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

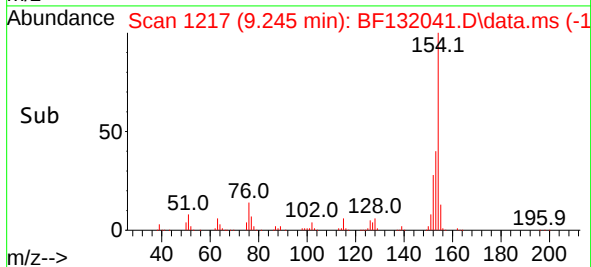
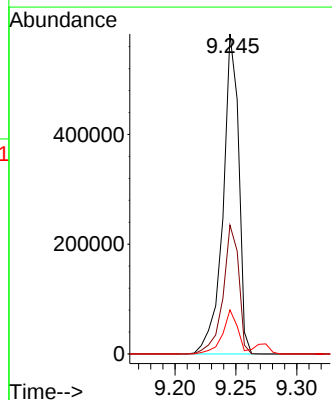
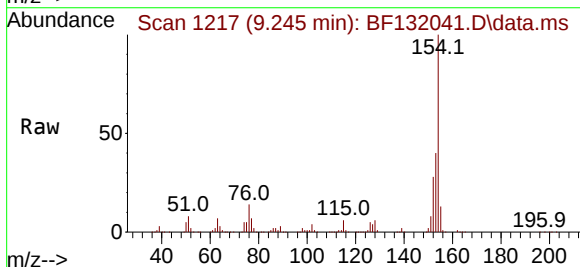
Tgt Ion:154 Resp: 523415

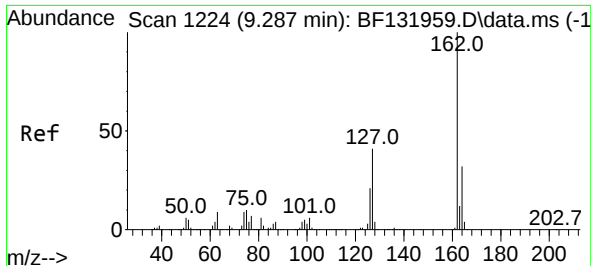
Ion Ratio Lower Upper

154 100

153 40.2 18.9 58.9

76 13.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 41.651 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

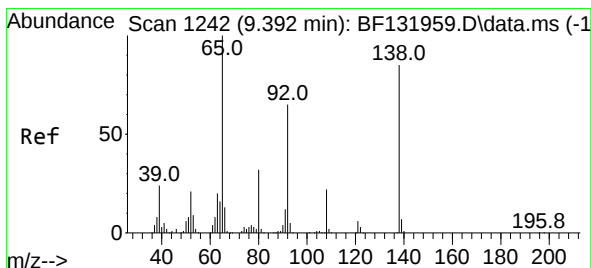
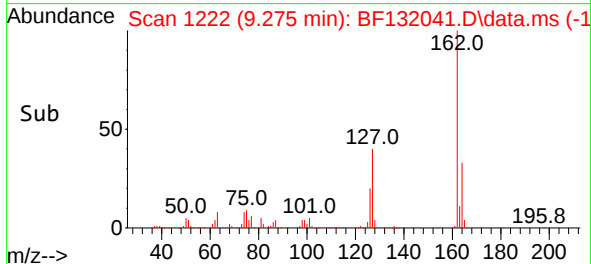
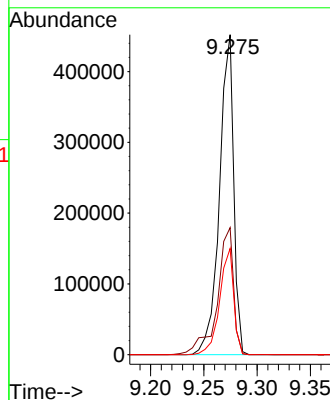
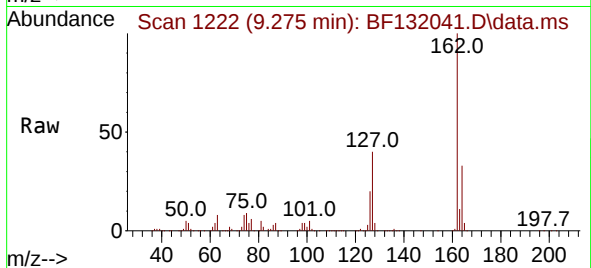
Tgt Ion:162 Resp: 418024

Ion Ratio Lower Upper

162 100

127 39.7 33.0 49.4

164 33.2 25.8 38.8



#48

2-Nitroaniline

Concen: 43.208 ng

RT: 9.380 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

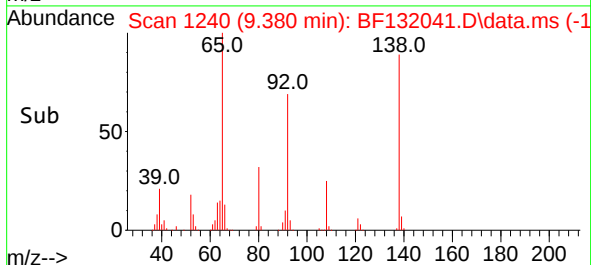
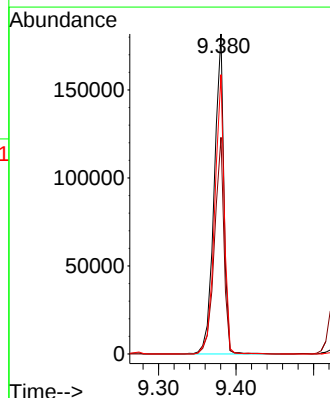
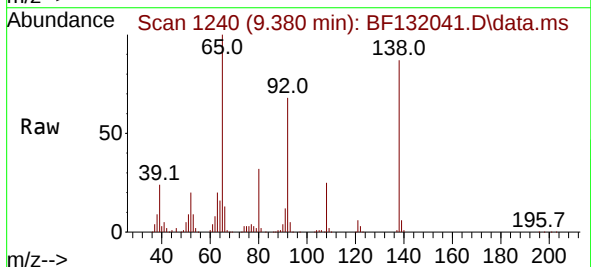
Tgt Ion: 65 Resp: 157509

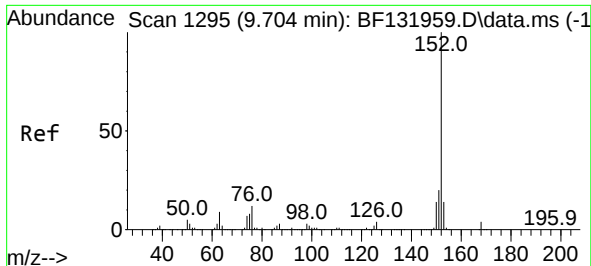
Ion Ratio Lower Upper

65 100

92 67.7 52.2 78.2

138 87.3 67.8 101.8

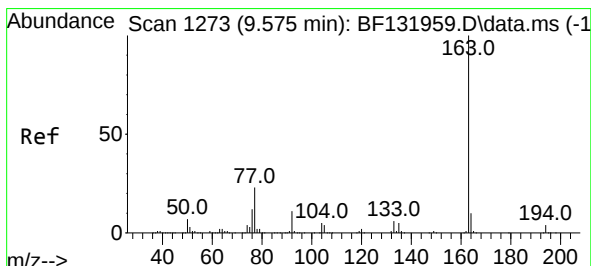
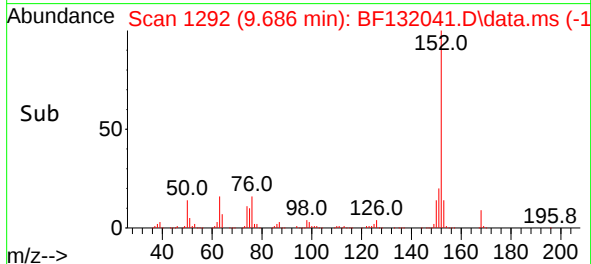
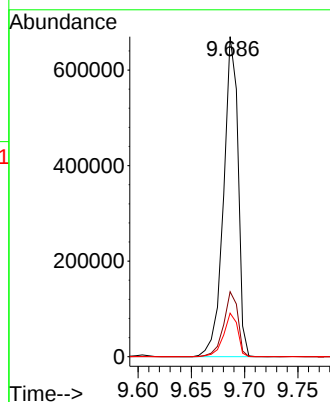
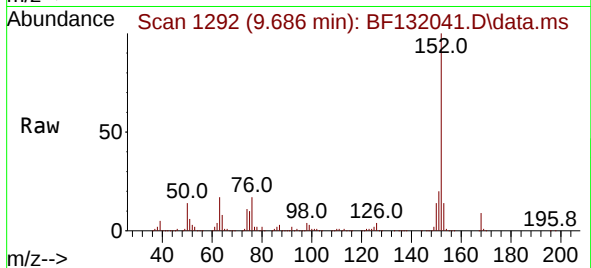




#49  
Acenaphthylene  
Concen: 40.574 ng  
RT: 9.686 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

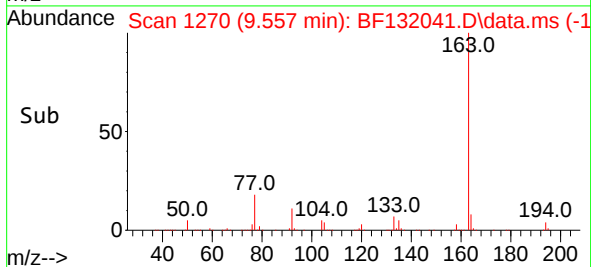
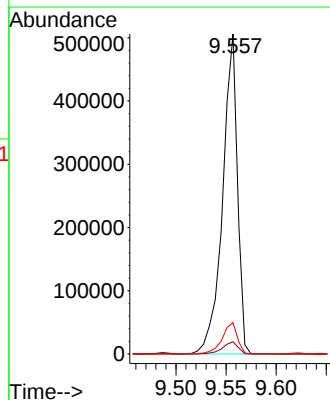
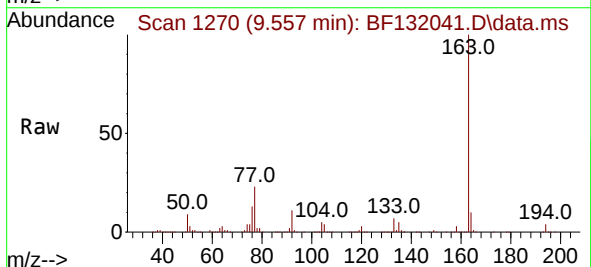
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

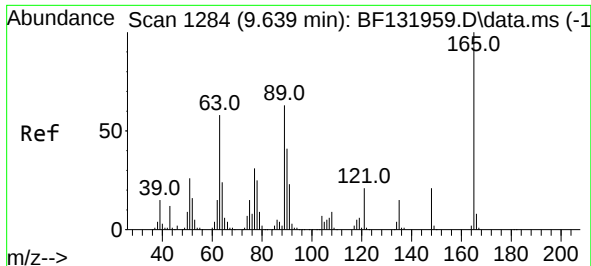
Tgt Ion:152 Resp: 631914  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.2  
153 13.6 10.8 16.2



#50  
Dimethylphthalate  
Concen: 39.691 ng  
RT: 9.557 min Scan# 1270  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:163 Resp: 518344  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 9.8 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 41.678 ng

RT: 9.622 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

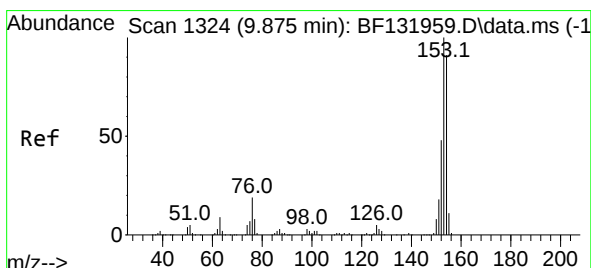
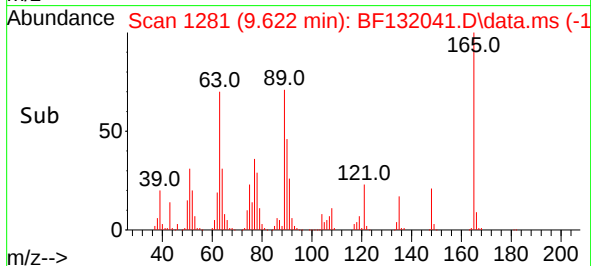
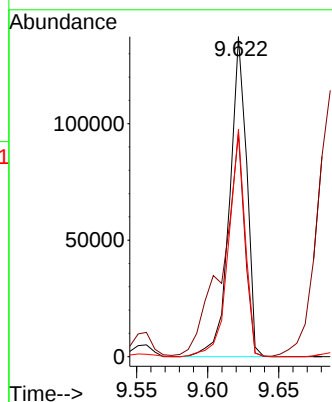
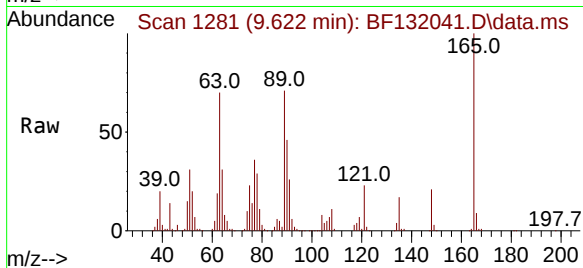
Tgt Ion:165 Resp: 114475

Ion Ratio Lower Upper

165 100

63 69.7 47.4 71.0

89 71.1 50.2 75.2



#52

Acenaphthene

Concen: 40.742 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

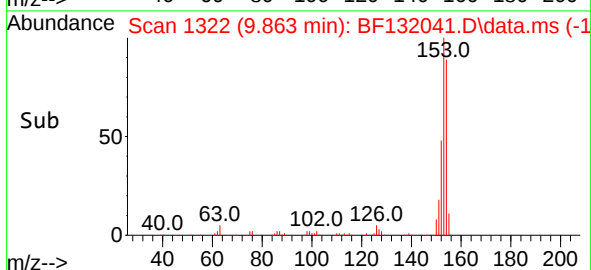
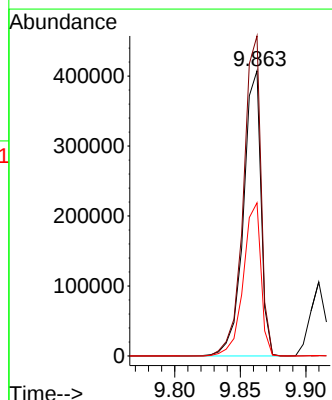
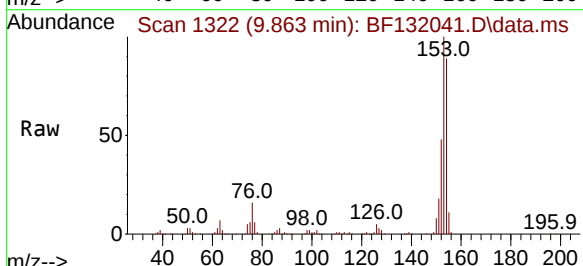
Tgt Ion:154 Resp: 380891

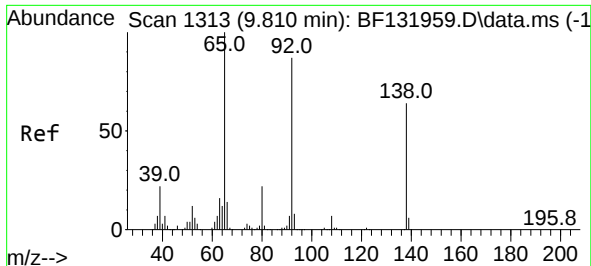
Ion Ratio Lower Upper

154 100

153 112.2 87.7 131.5

152 53.7 42.2 63.2

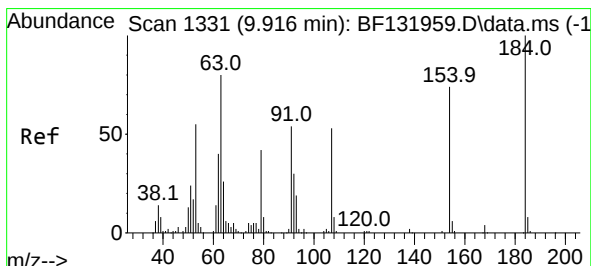
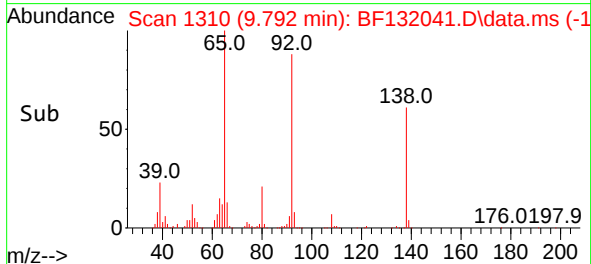
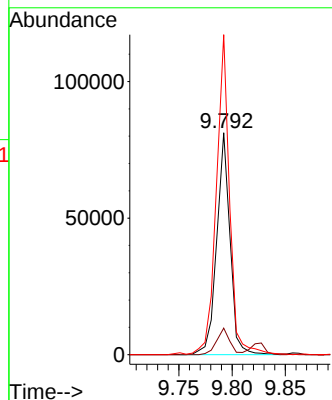
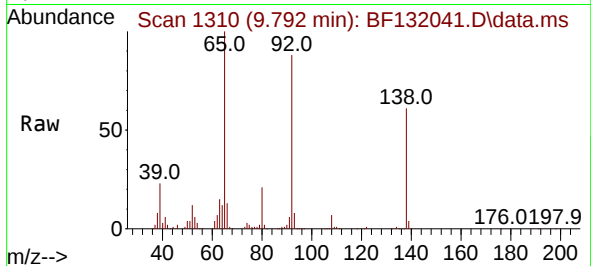




#53  
3-Nitroaniline  
Concen: 26.602 ng  
RT: 9.792 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

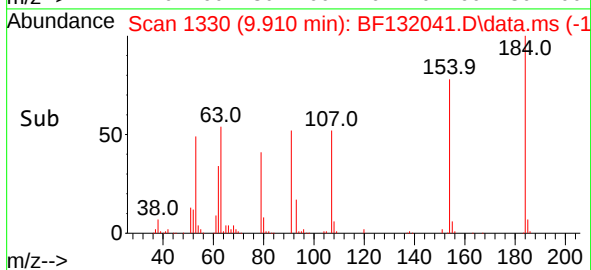
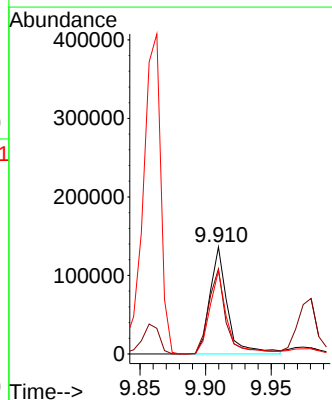
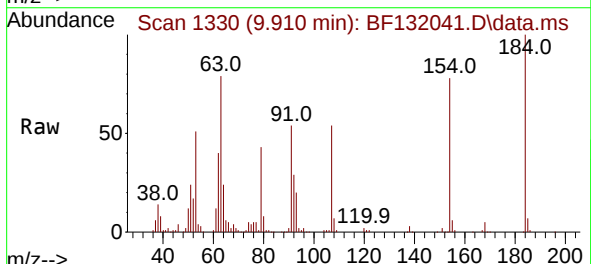
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

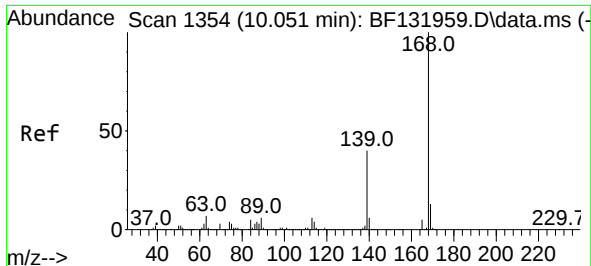
Tgt Ion:138 Resp: 70888  
Ion Ratio Lower Upper  
138 100  
108 12.0 8.8 13.2  
92 144.2 108.1 162.1



#54  
2,4-Dinitrophenol  
Concen: 93.115 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:184 Resp: 128414  
Ion Ratio Lower Upper  
184 100  
63 79.4 63.7 95.5  
154 77.6 60.1 90.1

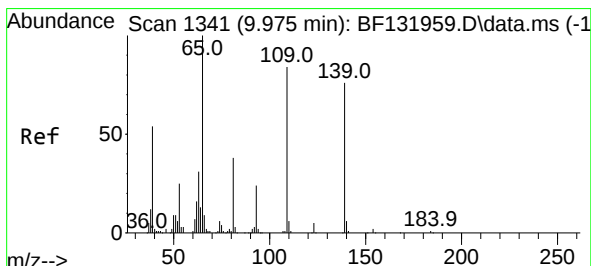
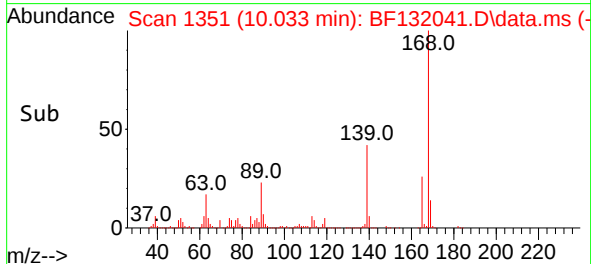
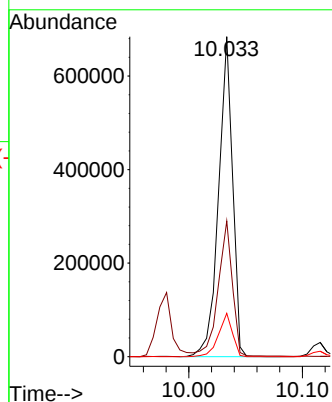
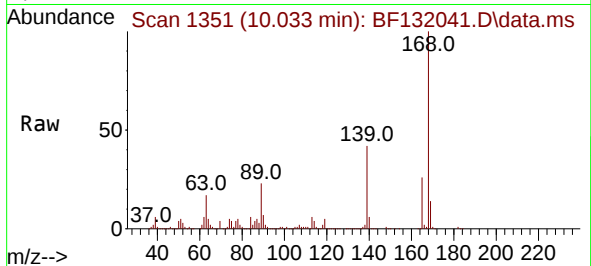




#55  
Dibenzenofuran  
Concen: 39.889 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

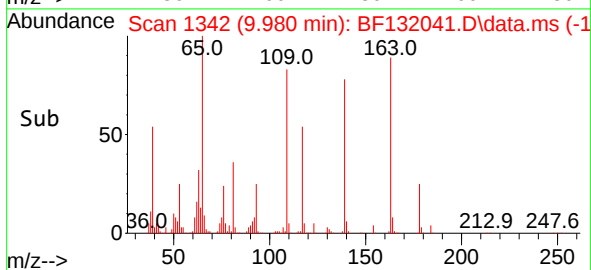
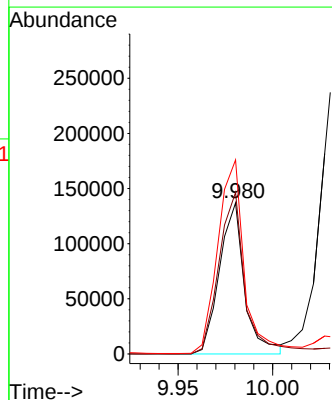
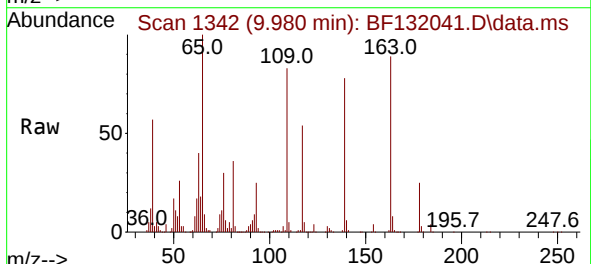
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

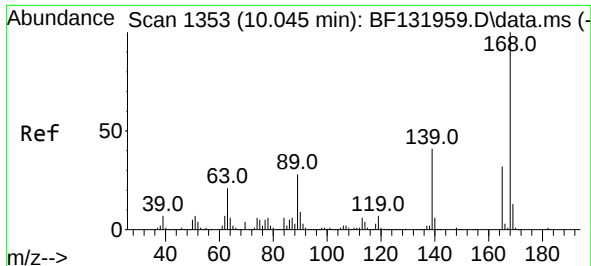
Tgt Ion:168 Resp: 587819  
Ion Ratio Lower Upper  
168 100  
139 42.4 32.4 48.6  
169 13.6 10.7 16.1



#56  
4-Nitrophenol  
Concen: 84.665 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.012 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:139 Resp: 127080  
Ion Ratio Lower Upper  
139 100  
109 107.0 90.5 130.5  
65 128.4 112.6 152.6

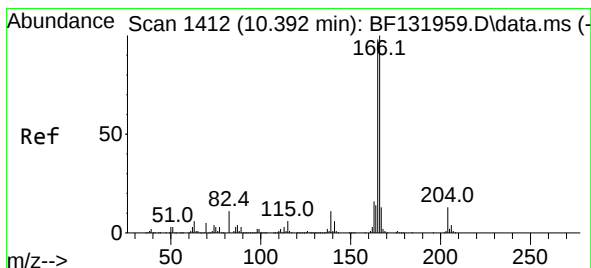
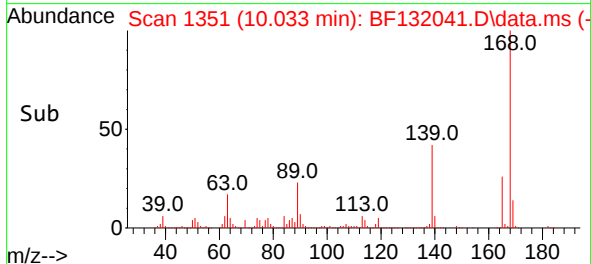
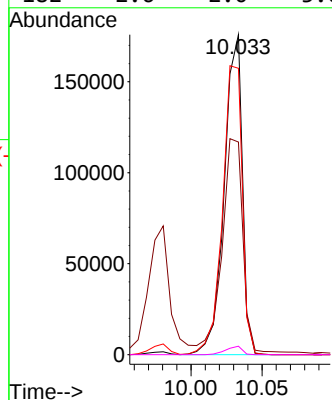
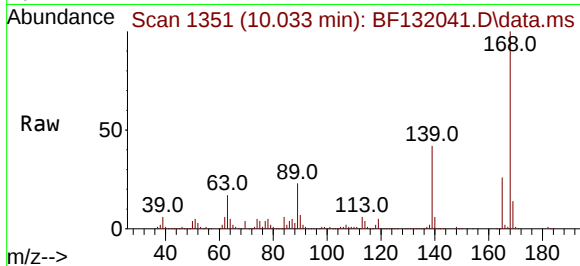




#57  
2,4-Dinitrotoluene  
Concen: 42.385 ng  
RT: 10.033 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

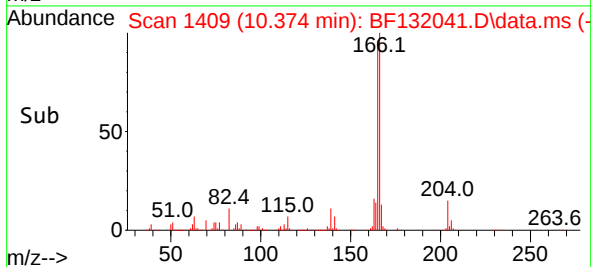
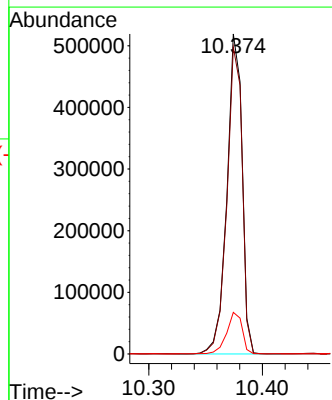
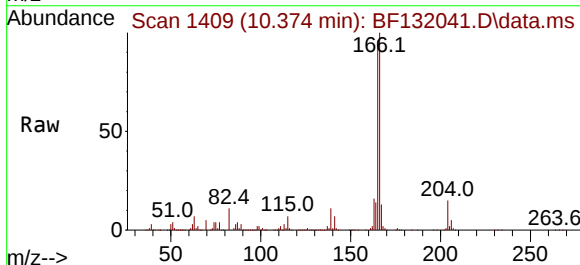
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

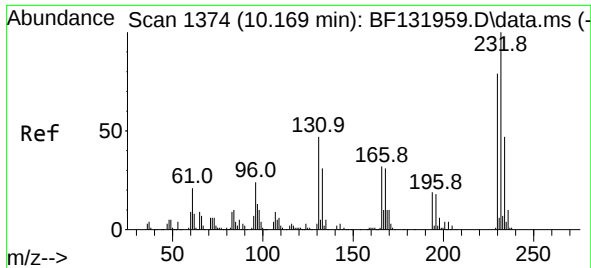
Tgt Ion:165 Resp: 155650  
Ion Ratio Lower Upper  
165 100  
63 66.4 53.2 79.8  
89 89.5 71.2 106.8  
182 2.6 2.0 3.0



#58  
Fluorene  
Concen: 41.046 ng  
RT: 10.374 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:166 Resp: 483197  
Ion Ratio Lower Upper  
166 100  
165 95.9 78.3 117.5  
167 13.0 10.7 16.1

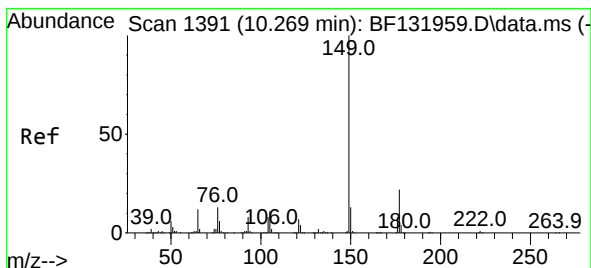
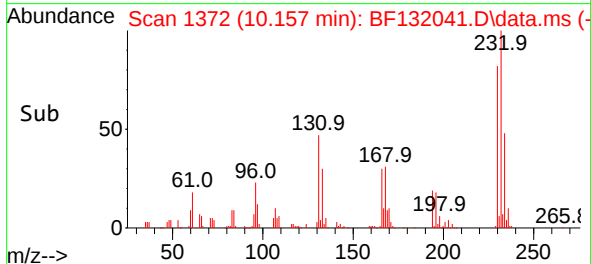
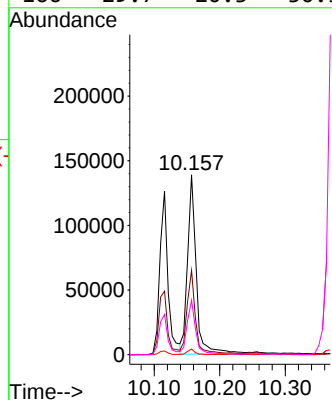
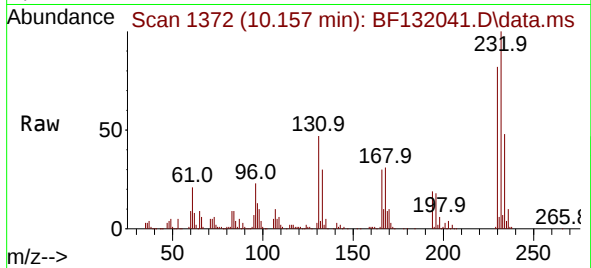




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.923 ng  
RT: 10.157 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

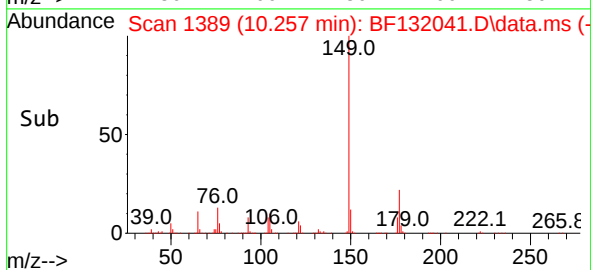
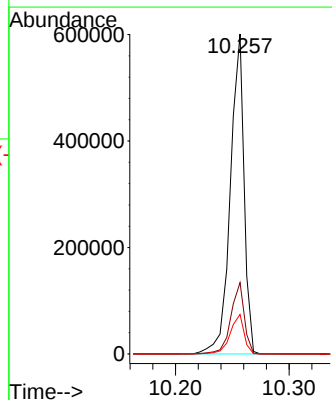
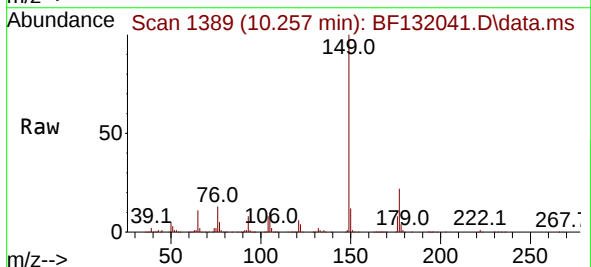
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

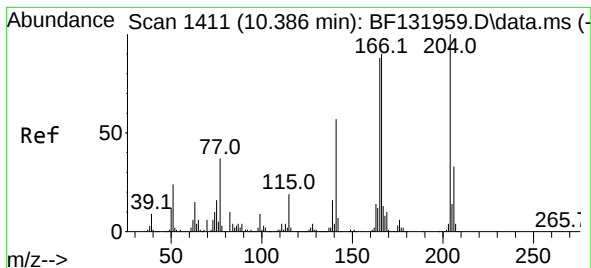
Tgt Ion:232 Resp: 129230  
Ion Ratio Lower Upper  
232 100  
131 45.4 33.0 49.4  
130 2.7 1.8 2.8  
166 29.7 20.3 30.5



#60  
Diethylphthalate  
Concen: 39.261 ng  
RT: 10.257 min Scan# 1389  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:149 Resp: 504166  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.7 26.5  
150 12.4 10.2 15.2

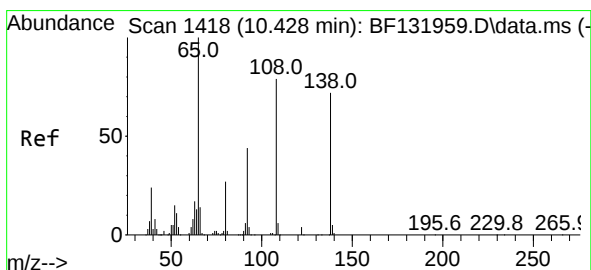
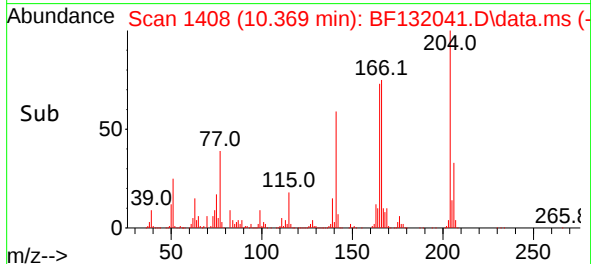
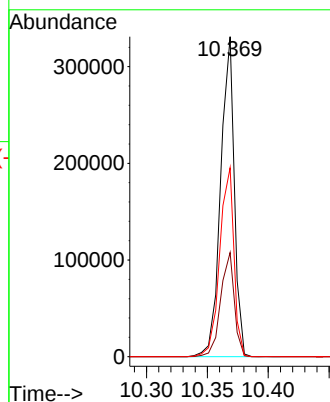
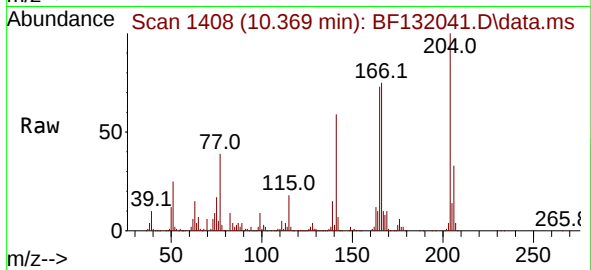




#61  
4-Chlorophenyl-phenylether  
Concen: 38.411 ng  
RT: 10.369 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

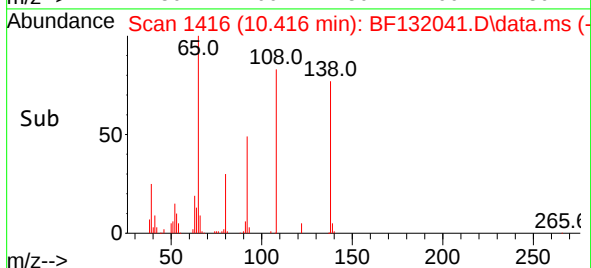
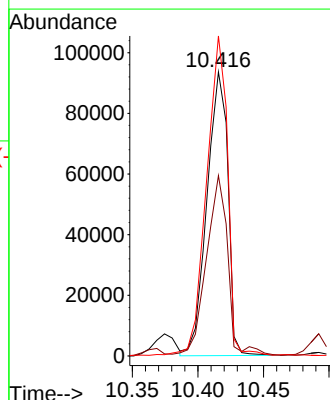
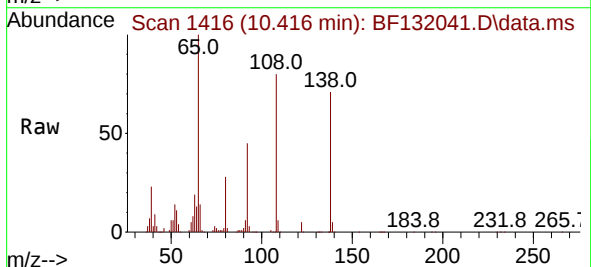
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

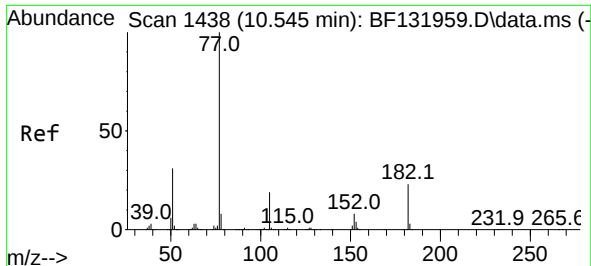
Tgt Ion:204 Resp: 258854  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.3 39.5  
141 59.1 45.6 68.4



#62  
4-Nitroaniline  
Concen: 43.312 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:138 Resp: 103781  
Ion Ratio Lower Upper  
138 100  
92 63.5 41.3 81.3  
108 112.7 89.8 129.8

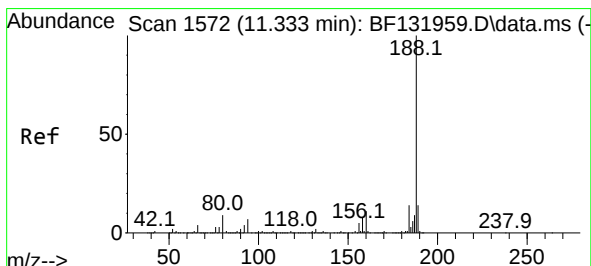
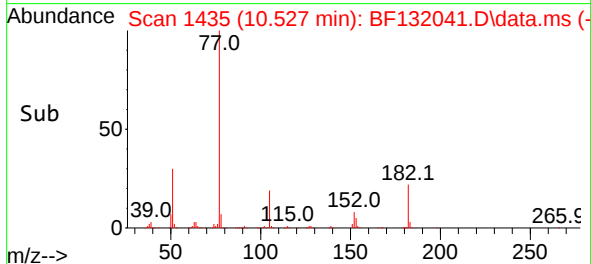
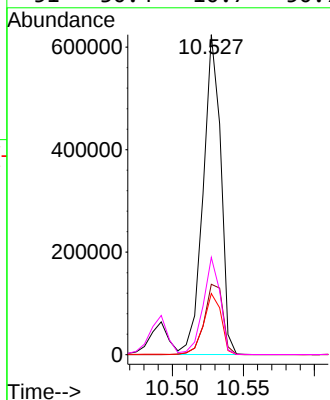
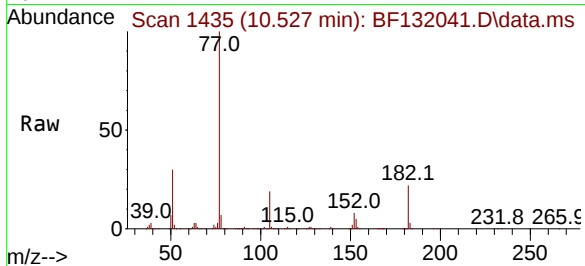




#63  
Azobenzene  
Concen: 39.455 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

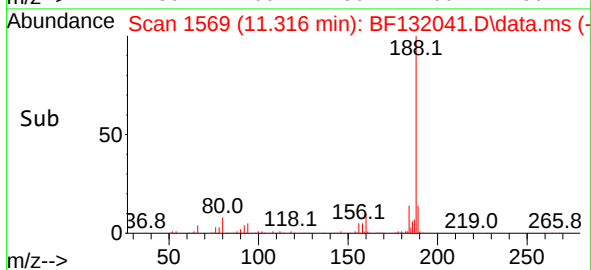
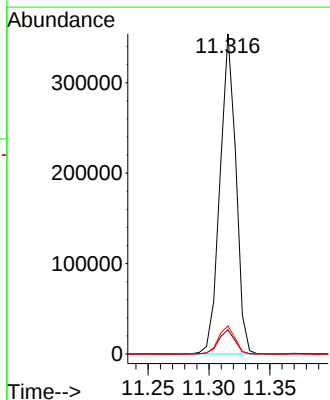
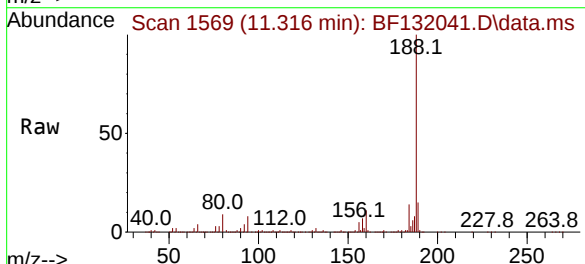
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

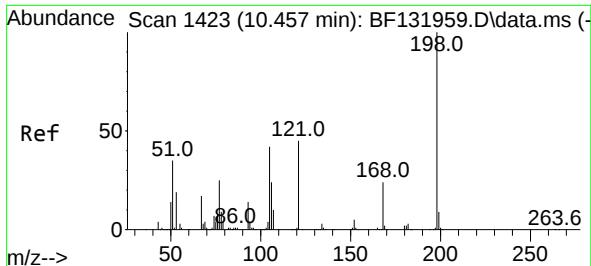
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 537460 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.0    | 2.9 42.9     |
| 105 19.1    | 0.0 39.3     |
| 51 30.4     | 10.7 50.7    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 322508 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 7.5      | 5.8 8.6      |
| 80 8.7      | 7.4 11.0     |

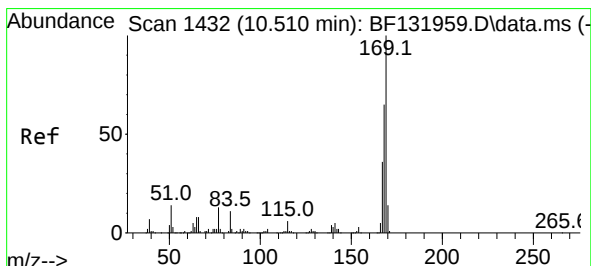
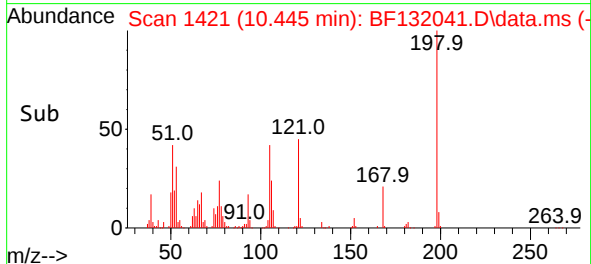
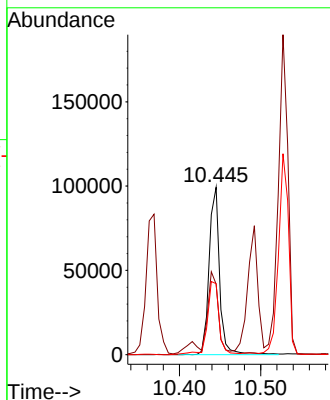
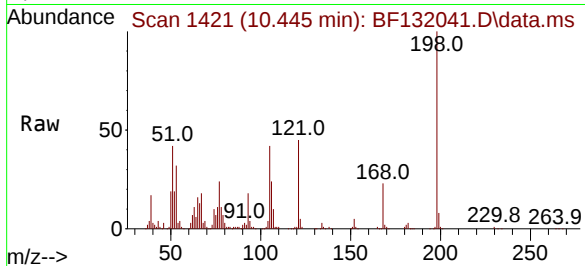




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.840 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

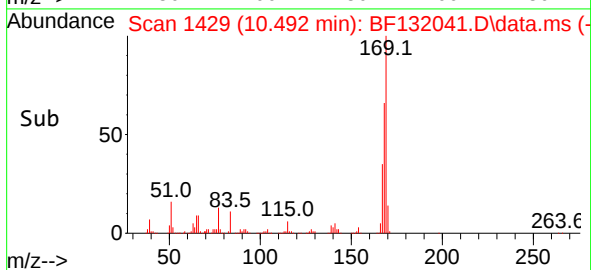
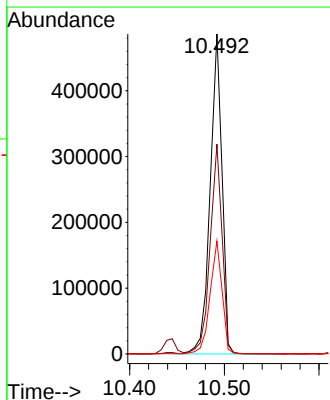
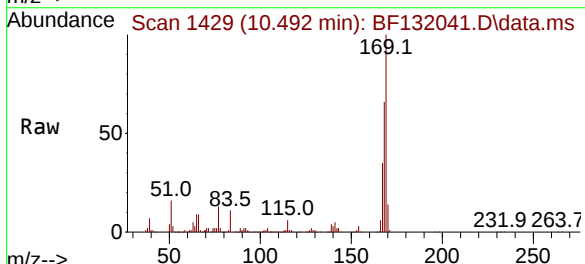
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

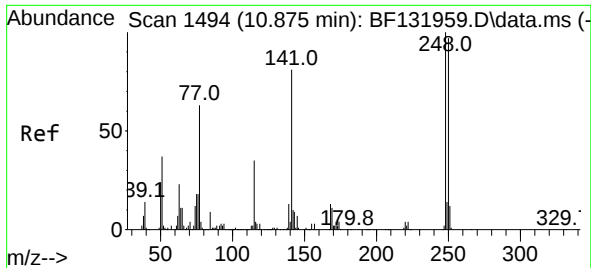
Tgt Ion:198 Resp: 89098  
Ion Ratio Lower Upper  
198 100  
51 42.2 21.4 61.4  
105 42.5 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 41.635 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:169 Resp: 421270  
Ion Ratio Lower Upper  
169 100  
168 65.6 52.5 78.7  
167 35.3 28.6 43.0

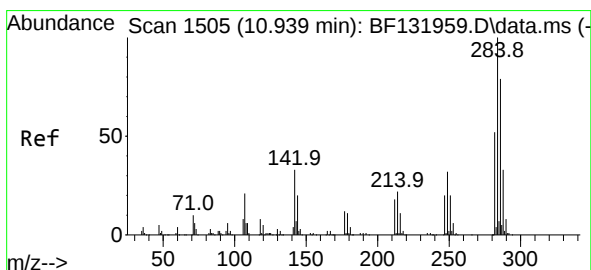
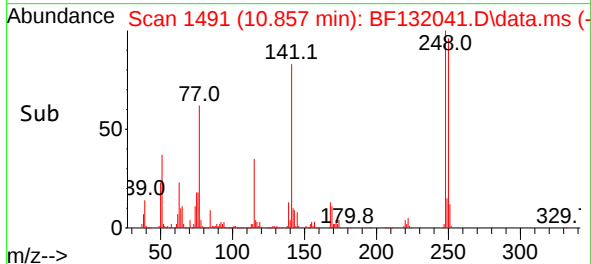
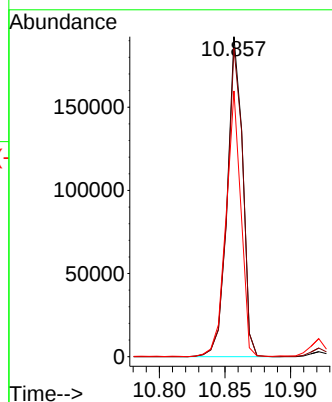
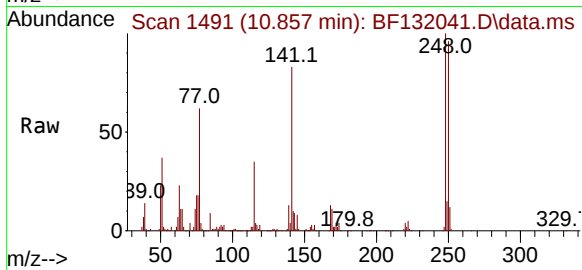




#67  
4-Bromophenyl-phenylether  
Concen: 39.009 ng  
RT: 10.857 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

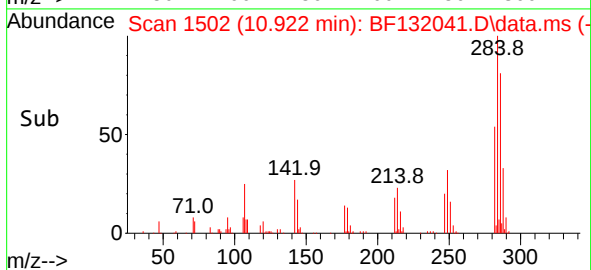
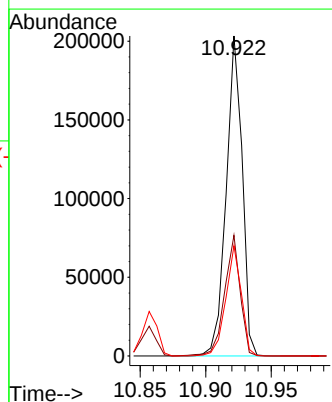
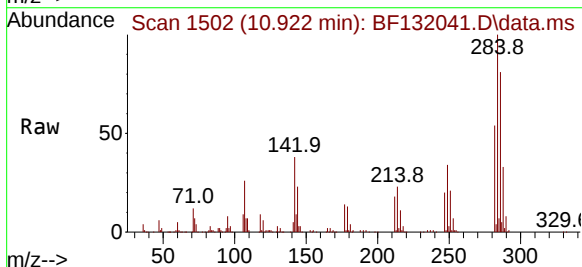
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

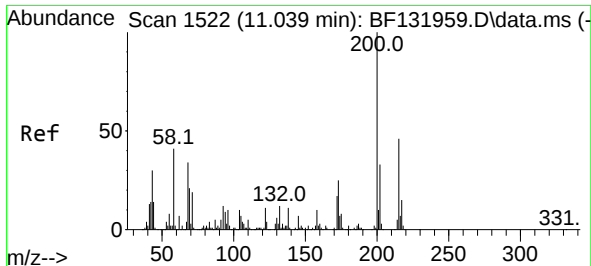
Tgt Ion:248 Resp: 157383  
Ion Ratio Lower Upper  
248 100  
250 96.5 77.4 116.2  
141 83.1 65.0 97.6



#68  
Hexachlorobenzene  
Concen: 42.129 ng  
RT: 10.922 min Scan# 1502  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:284 Resp: 171940  
Ion Ratio Lower Upper  
284 100  
142 37.7 26.4 39.6  
249 34.4 25.4 38.2

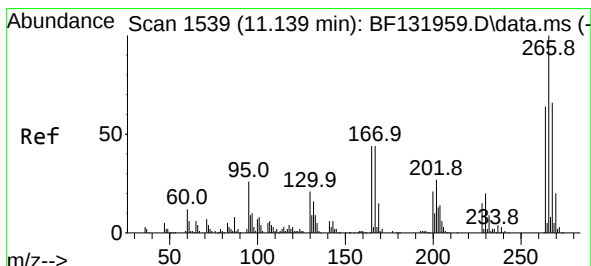
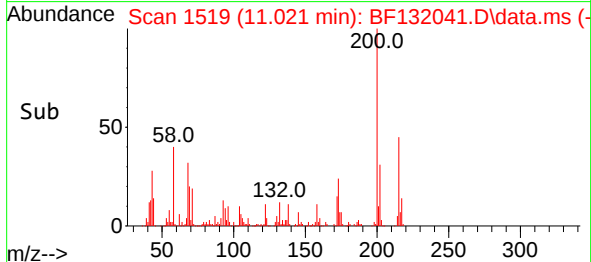
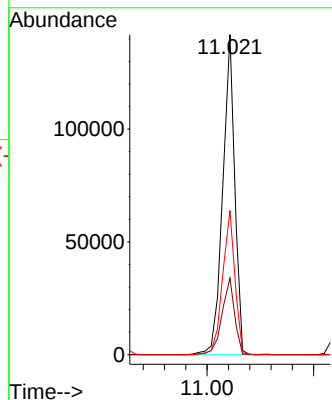
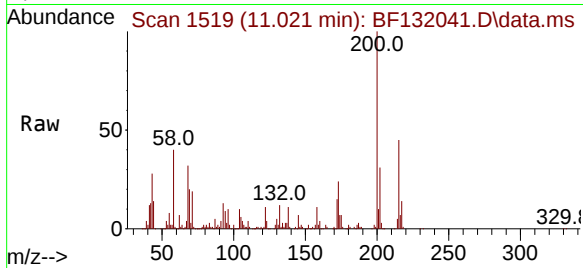




#69  
 Atrazine  
 Concen: 30.218 ng  
 RT: 11.021 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF132041.D  
 Acq: 12 Jan 2023 14:56

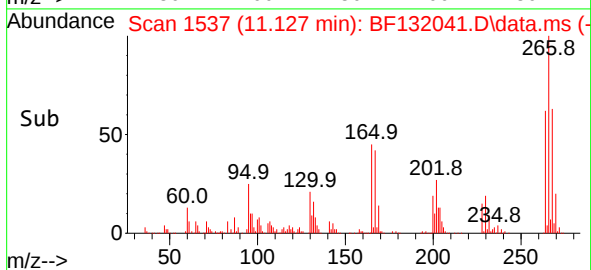
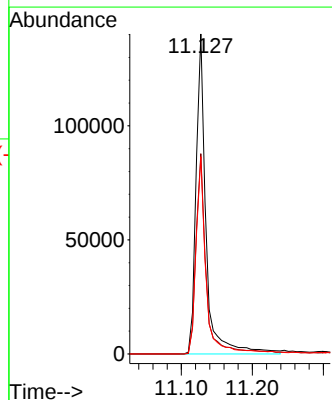
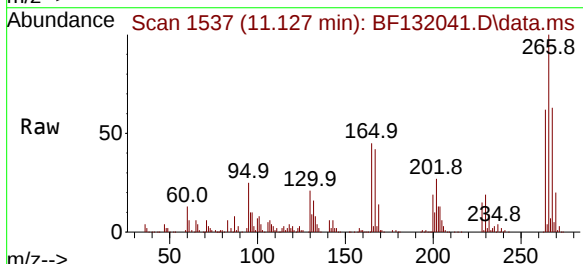
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150088BS

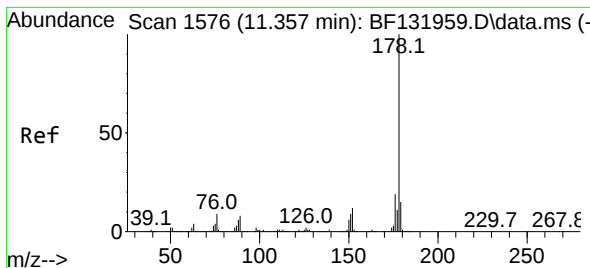
Tgt Ion:200 Resp: 111186  
 Ion Ratio Lower Upper  
 200 100  
 173 23.9 5.1 45.1  
 215 45.0 25.6 65.6



#70  
 Pentachlorophenol  
 Concen: 64.430 ng  
 RT: 11.127 min Scan# 1537  
 Delta R.T. 0.006 min  
 Lab File: BF132041.D  
 Acq: 12 Jan 2023 14:56

Tgt Ion:266 Resp: 138274  
 Ion Ratio Lower Upper  
 266 100  
 268 62.6 52.7 79.1  
 264 61.7 51.6 77.4





#71

Phenanthrene

Concen: 42.099 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.006 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

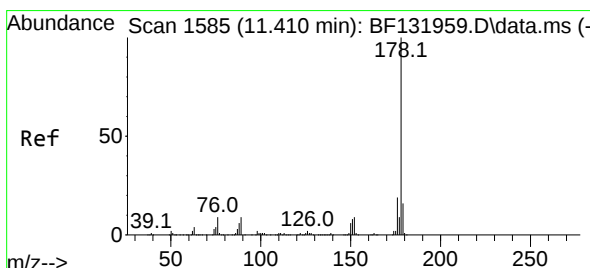
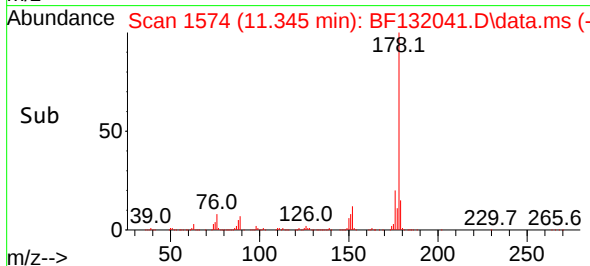
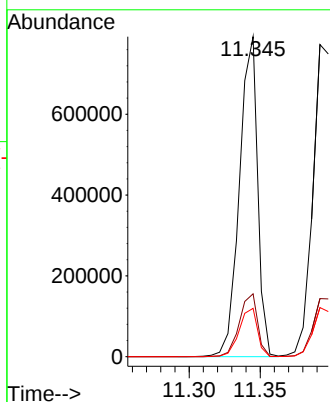
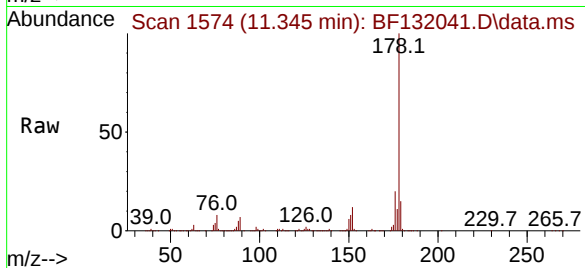
Tgt Ion:178 Resp: 707786

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.1 12.4 18.6



#72

Anthracene

Concen: 41.955 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

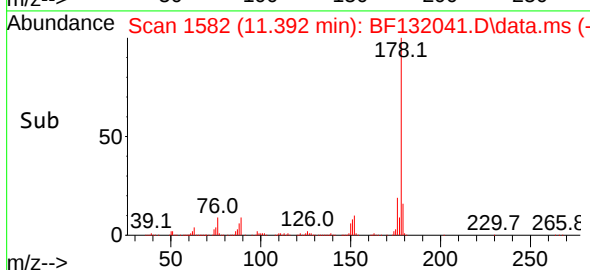
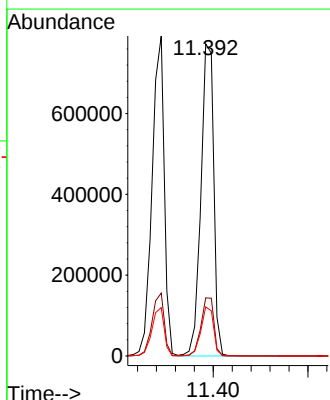
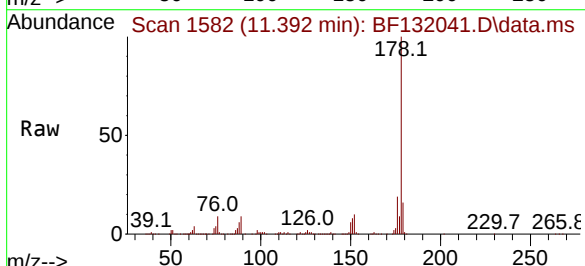
Tgt Ion:178 Resp: 726142

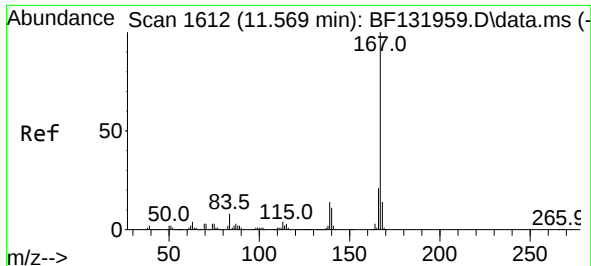
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.8 12.6 19.0

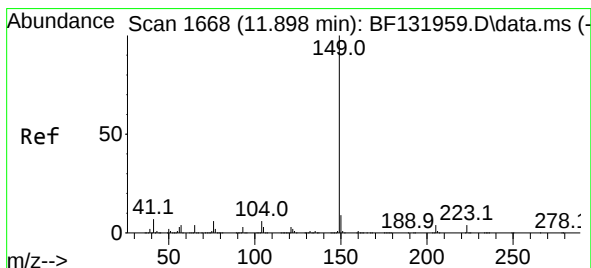
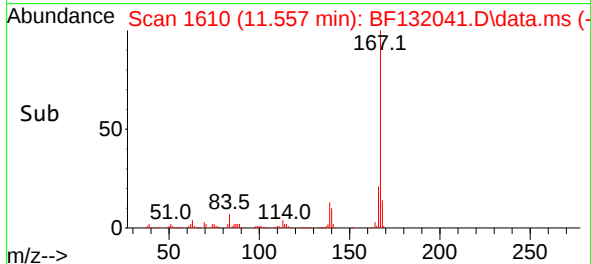
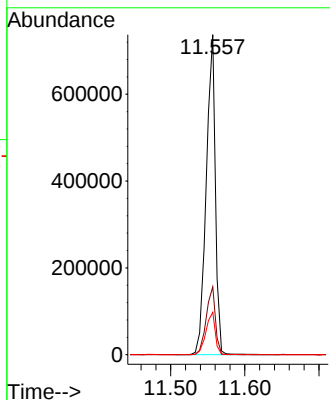
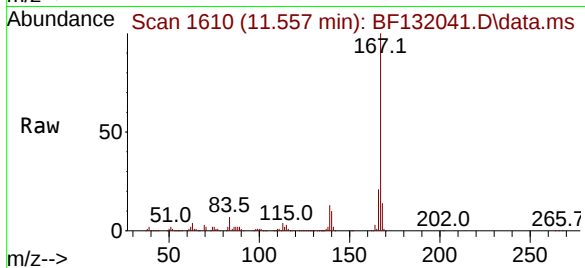




#73  
Carbazole  
Concen: 44.065 ng  
RT: 11.557 min Scan# 1610  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

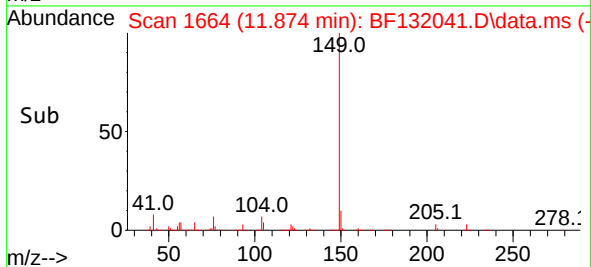
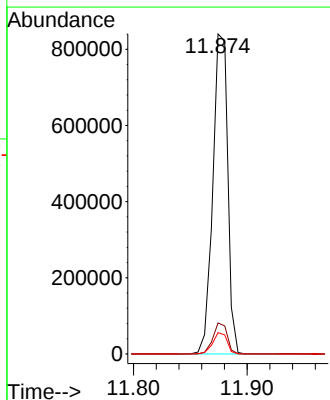
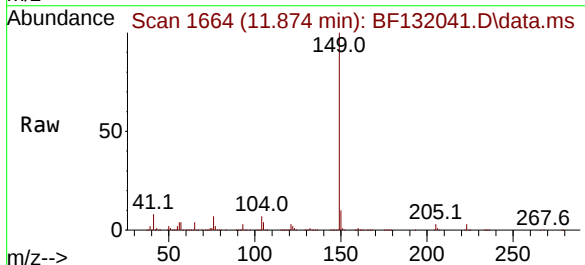
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

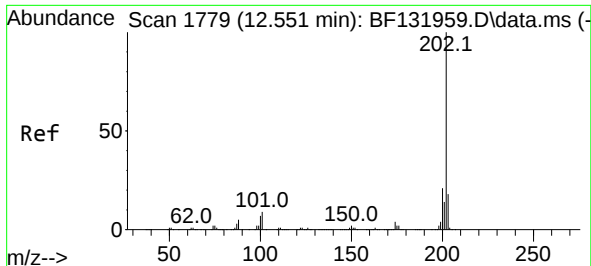
Tgt Ion:167 Resp: 631405  
Ion Ratio Lower Upper  
167 100  
166 21.2 16.8 25.2  
139 13.2 11.1 16.7



#74  
Di-n-butylphthalate  
Concen: 38.463 ng  
RT: 11.874 min Scan# 1664  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:149 Resp: 767406  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.3 10.9  
104 6.7 5.0 7.6

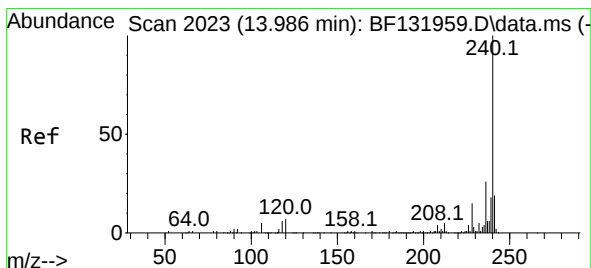
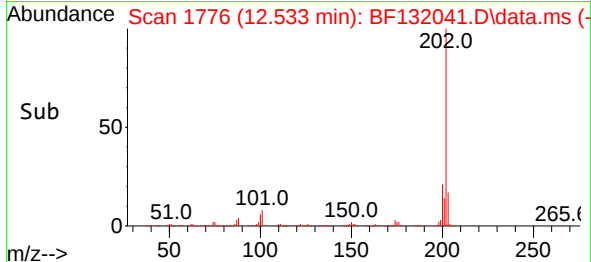
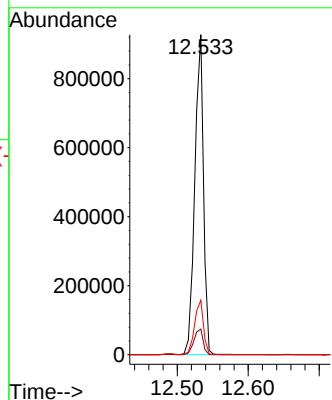
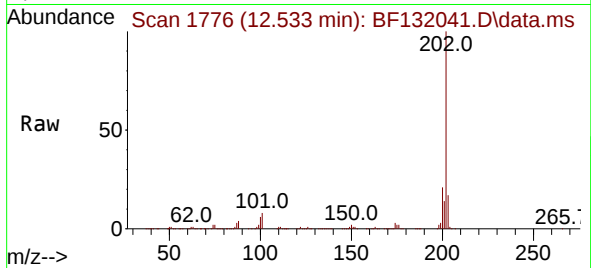




#75  
Fluoranthene  
Concen: 41.857 ng  
RT: 12.533 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

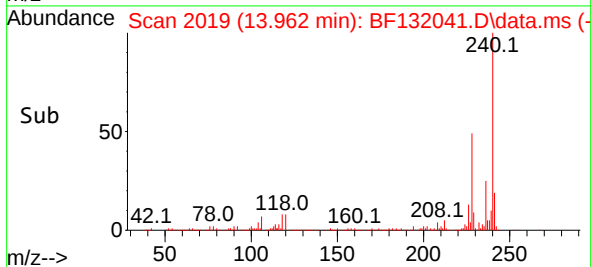
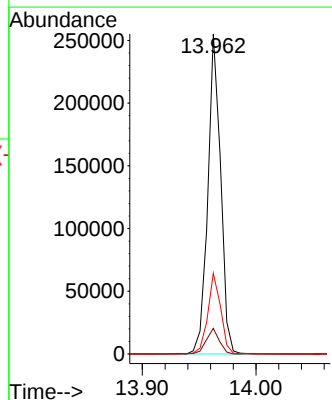
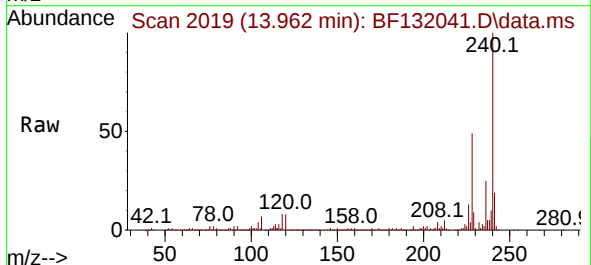
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

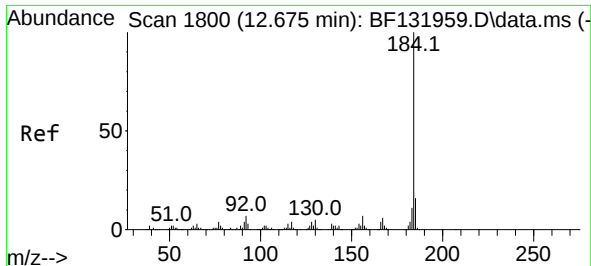
Tgt Ion:202 Resp: 791425  
Ion Ratio Lower Upper  
202 100  
101 8.0 0.0 28.8  
203 17.0 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:240 Resp: 198838  
Ion Ratio Lower Upper  
240 100  
120 8.0 5.4 8.0  
236 25.2 21.1 31.7

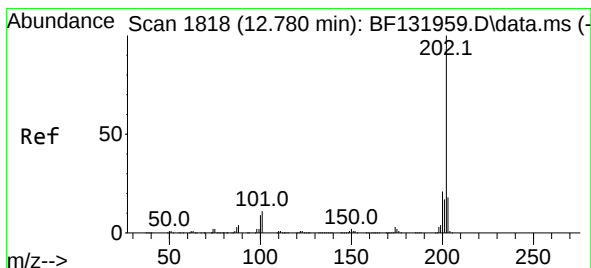
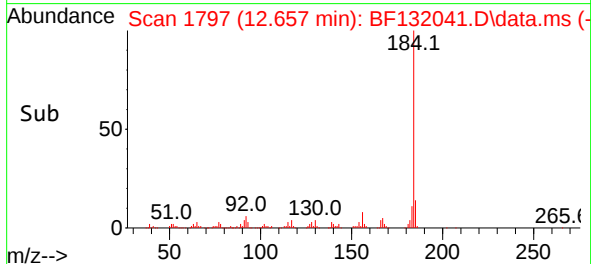
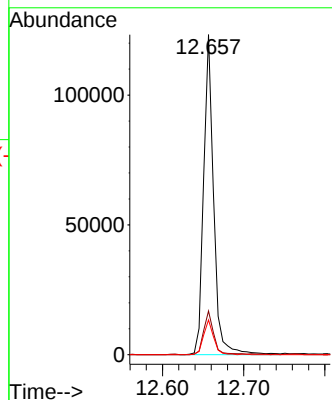
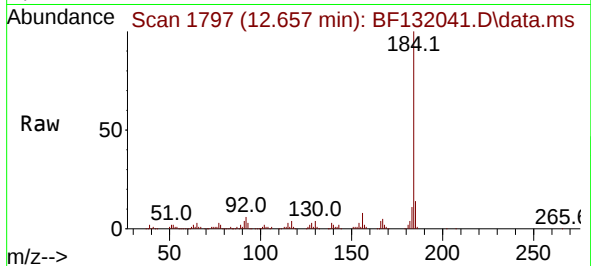




#77  
Benzidine  
Concen: 16.026 ng  
RT: 12.657 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

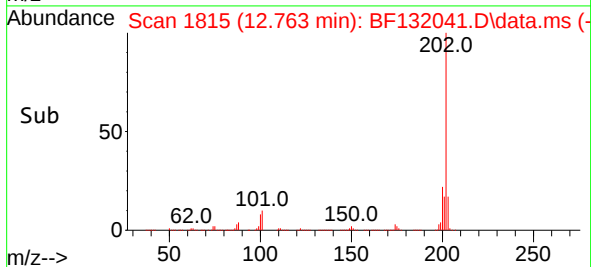
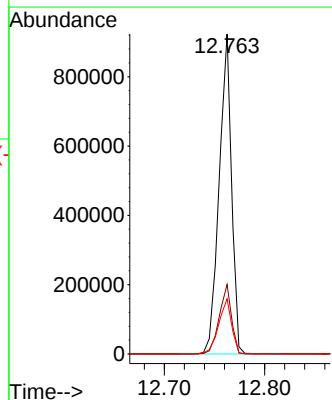
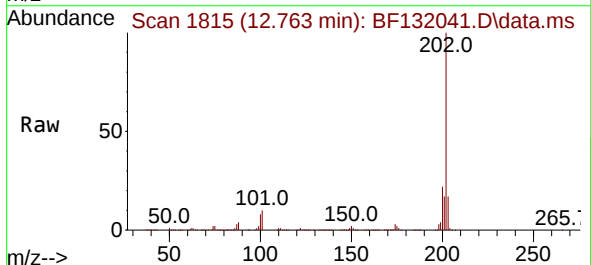
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

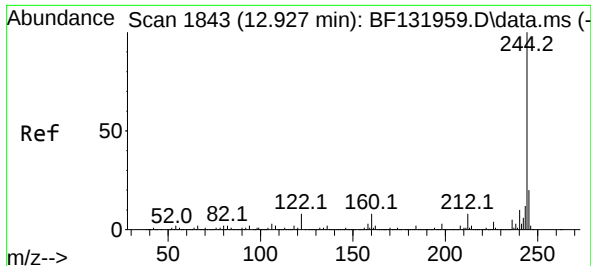
Tgt Ion:184 Resp: 105864  
Ion Ratio Lower Upper  
184 100  
185 13.7 12.8 19.2  
183 10.9 9.0 13.4



#78  
Pyrene  
Concen: 43.603 ng  
RT: 12.763 min Scan# 1815  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:202 Resp: 790759  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.0 25.6  
203 17.2 14.1 21.1

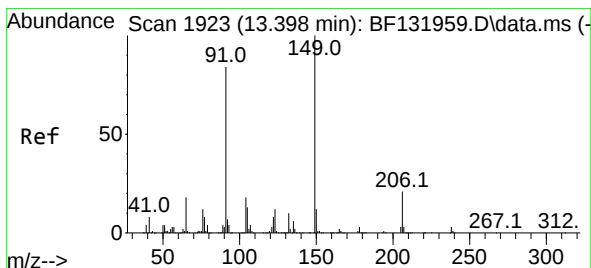
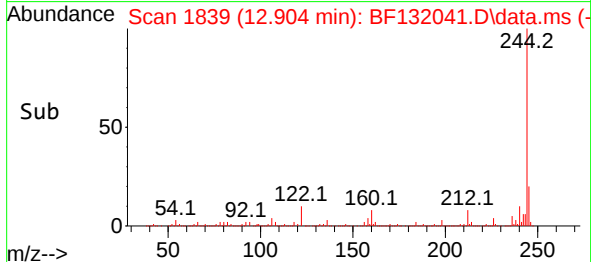
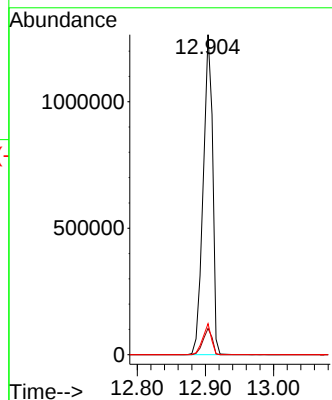
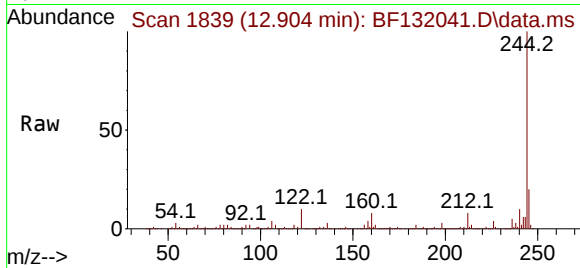




#79  
 Terphenyl-d14  
 Concen: 87.662 ng  
 RT: 12.904 min Scan# 1839  
 Delta R.T. -0.000 min  
 Lab File: BF132041.D  
 Acq: 12 Jan 2023 14:56

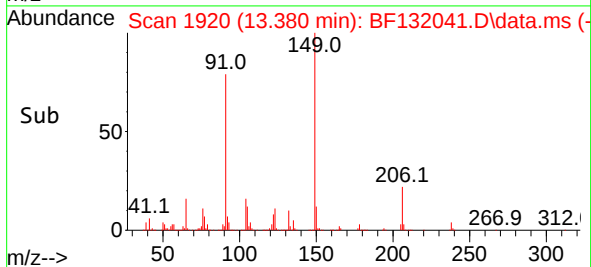
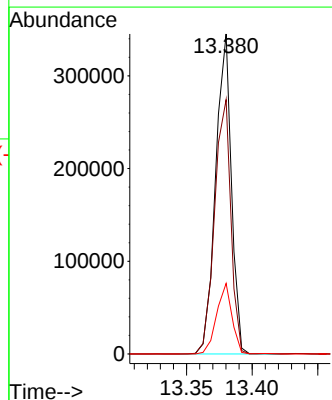
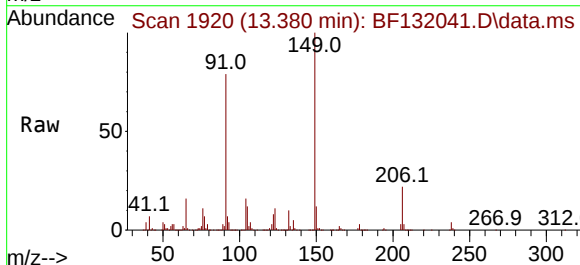
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150088BS

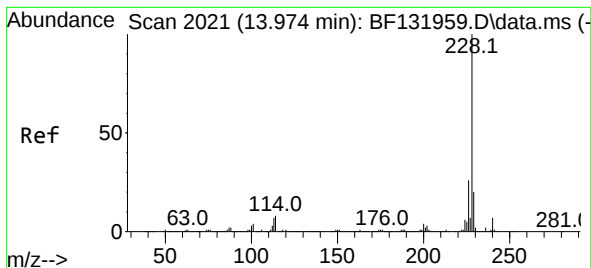
Tgt Ion:244 Resp: 1216132  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.3 9.5  
 122 9.7 6.8 10.2



#80  
 Butylbenzylphthalate  
 Concen: 39.318 ng  
 RT: 13.380 min Scan# 1920  
 Delta R.T. -0.000 min  
 Lab File: BF132041.D  
 Acq: 12 Jan 2023 14:56

Tgt Ion:149 Resp: 287811  
 Ion Ratio Lower Upper  
 149 100  
 91 79.5 67.0 100.4  
 206 22.1 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.061 ng

RT: 13.951 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

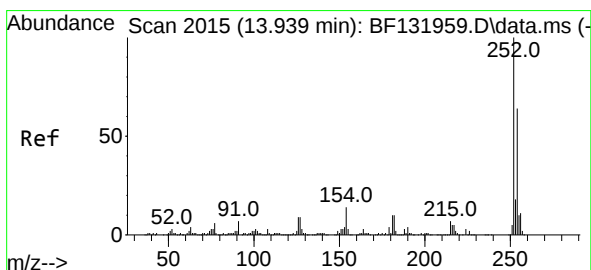
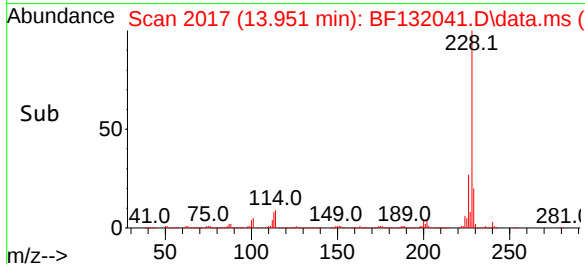
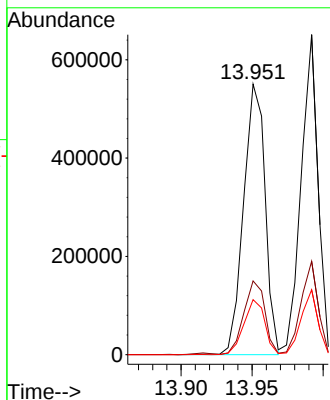
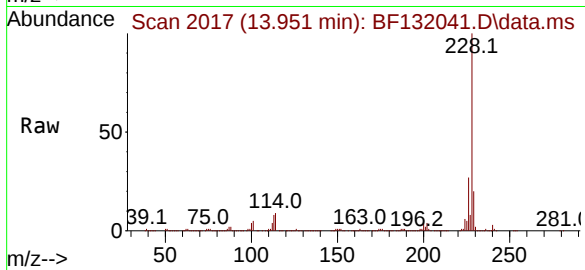
Tgt Ion:228 Resp: 579531

Ion Ratio Lower Upper

228 100

226 27.2 21.0 31.4

229 20.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.885 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

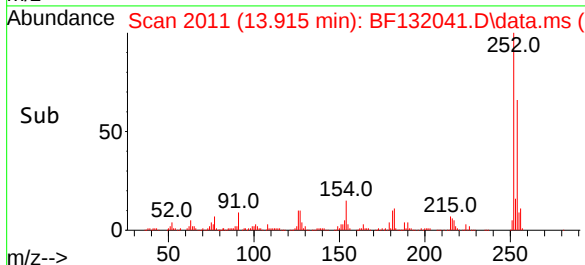
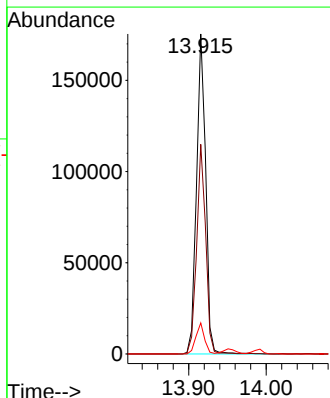
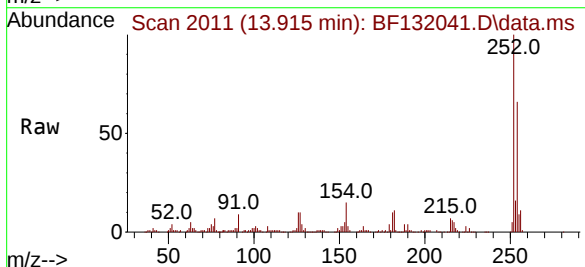
Tgt Ion:252 Resp: 143956

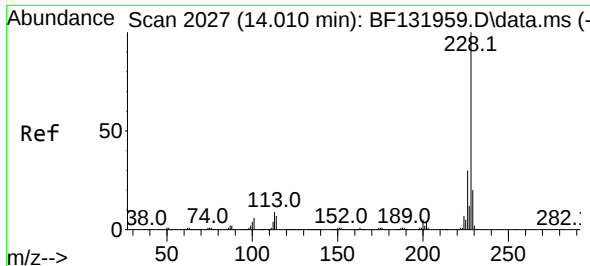
Ion Ratio Lower Upper

252 100

254 65.5 51.5 77.3

126 9.7 6.9 10.3

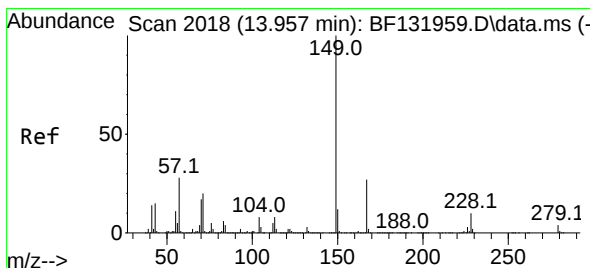
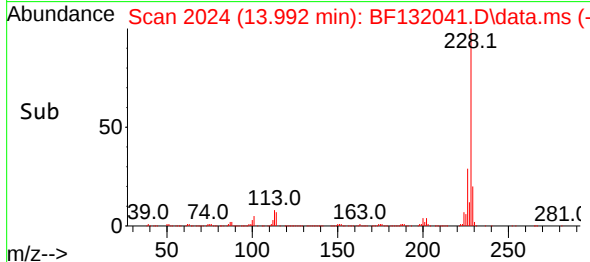
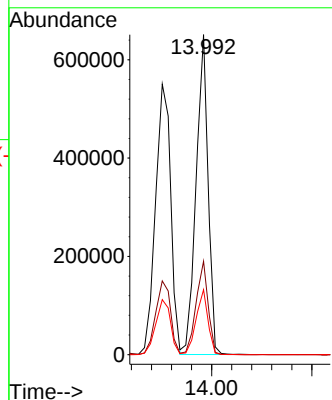
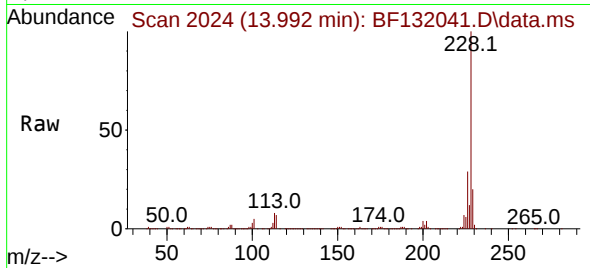




#83  
Chrysene  
Concen: 39.908 ng  
RT: 13.992 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

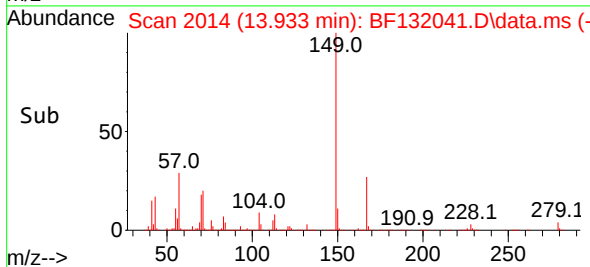
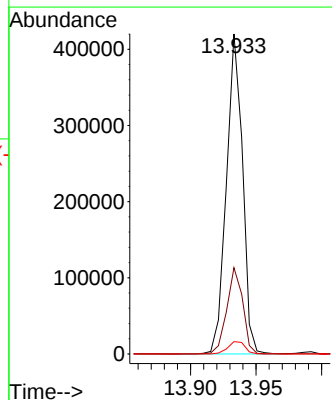
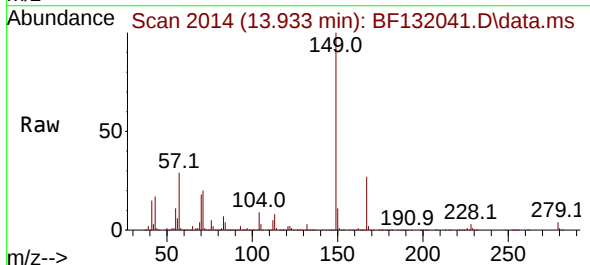
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

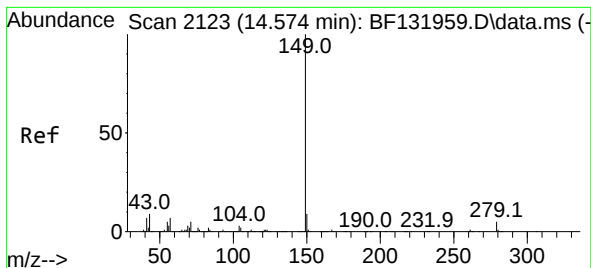
Tgt Ion:228 Resp: 539532  
Ion Ratio Lower Upper  
228 100  
226 29.2 24.0 36.0  
229 20.3 16.2 24.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 36.154 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:149 Resp: 358542  
Ion Ratio Lower Upper  
149 100  
167 26.9 21.3 31.9  
279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 36.459 ng

RT: 14.551 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

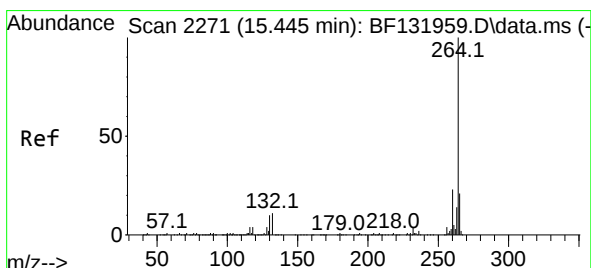
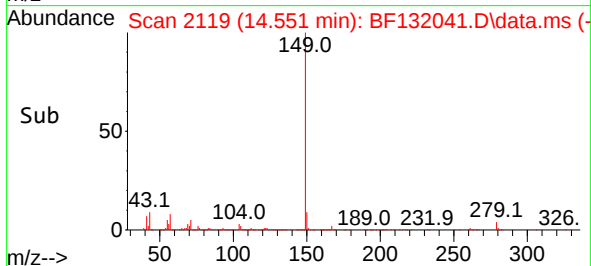
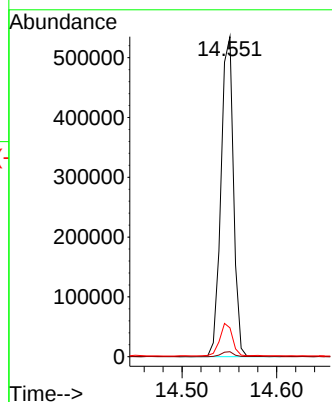
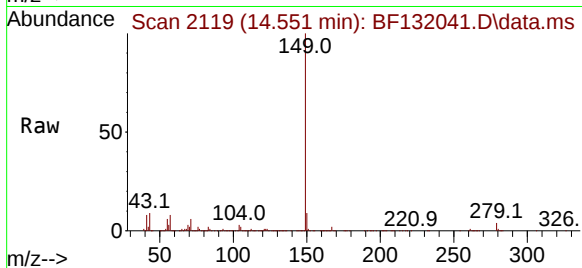
Tgt Ion:149 Resp: 494776

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.2 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

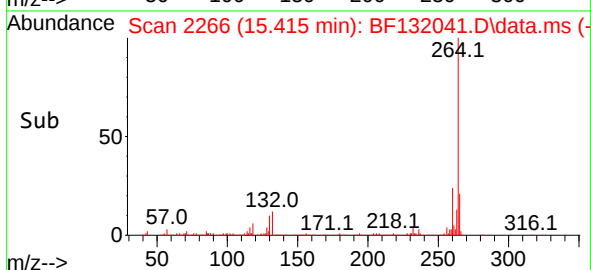
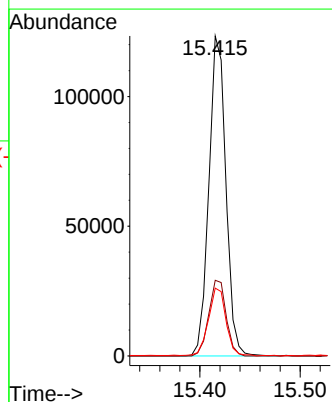
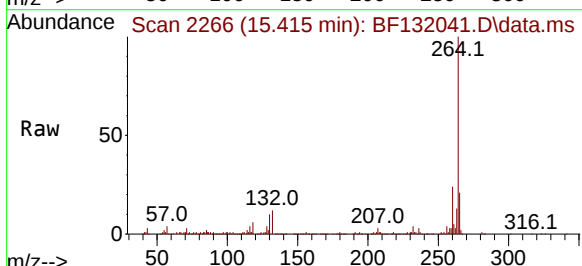
Tgt Ion:264 Resp: 145493

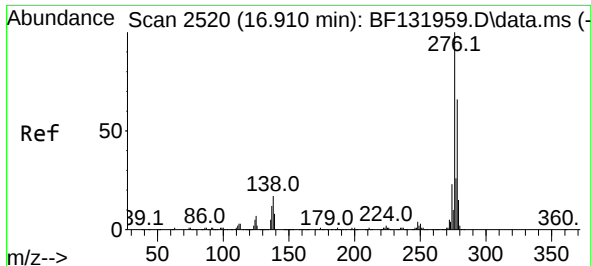
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.2 16.9 25.3

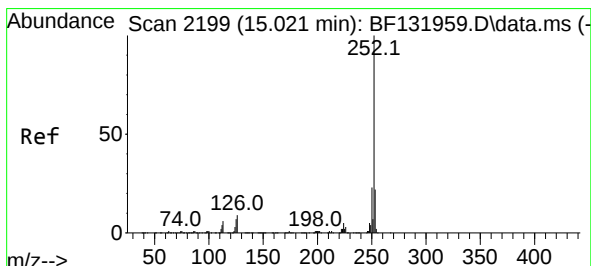
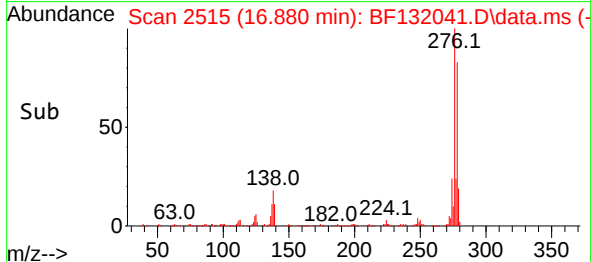
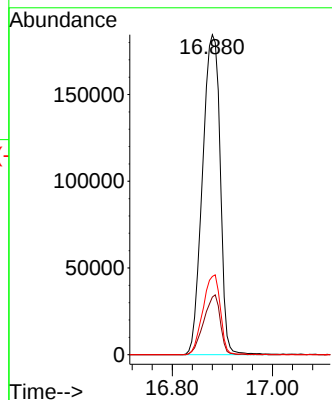
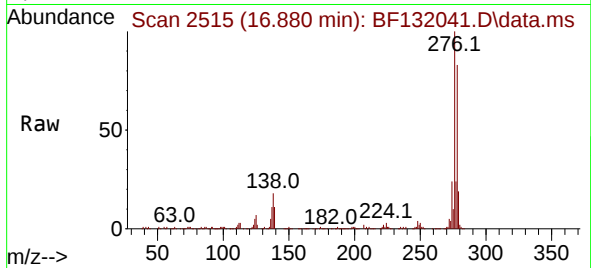




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.580 ng  
RT: 16.880 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

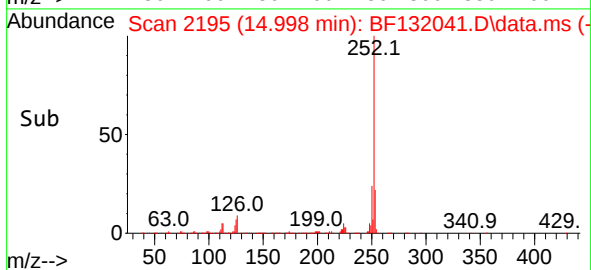
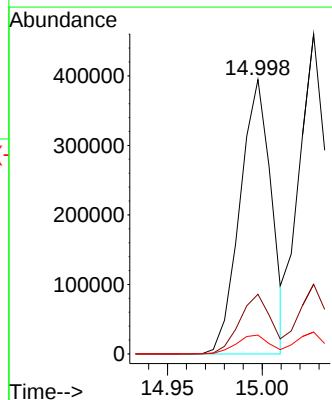
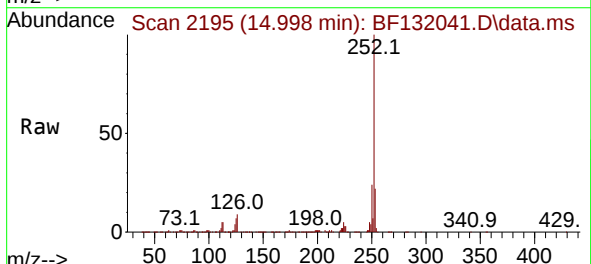
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

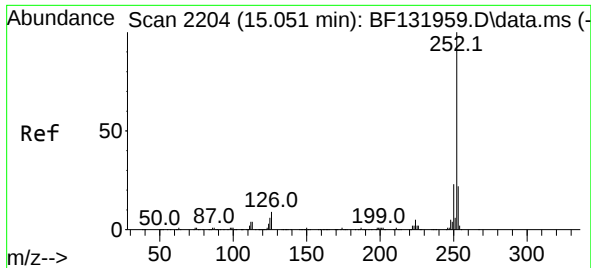
Tgt Ion:276 Resp: 451328  
Ion Ratio Lower Upper  
276 100  
138 17.5 14.2 21.2  
277 24.4 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 45.592 ng  
RT: 14.998 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:252 Resp: 454965  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.0 27.0  
125 6.9 5.8 8.6

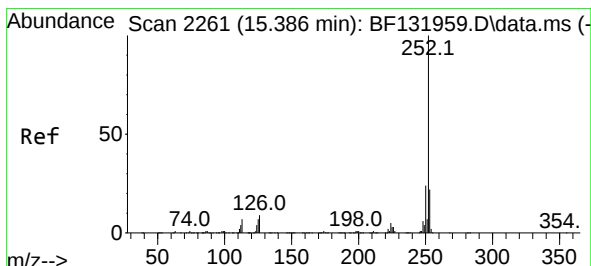
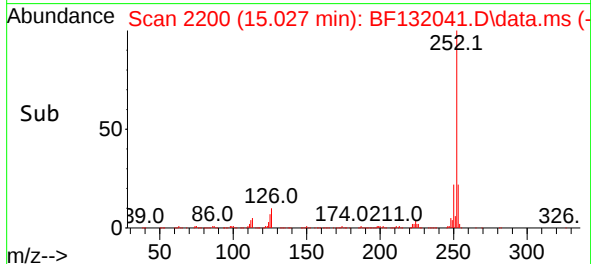
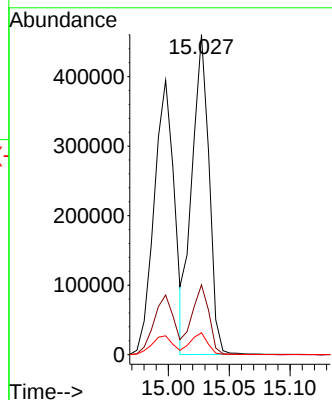
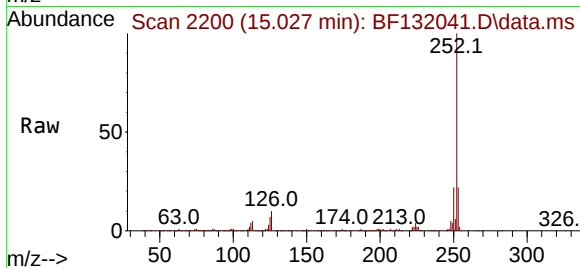




#89  
Benzo(k)fluoranthene  
Concen: 45.053 ng  
RT: 15.027 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

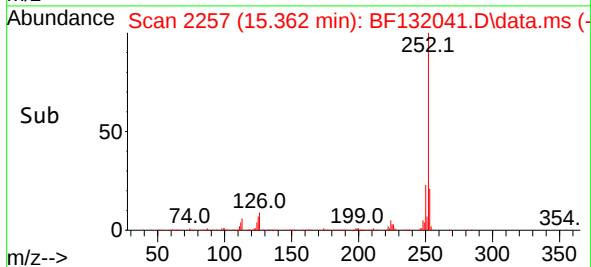
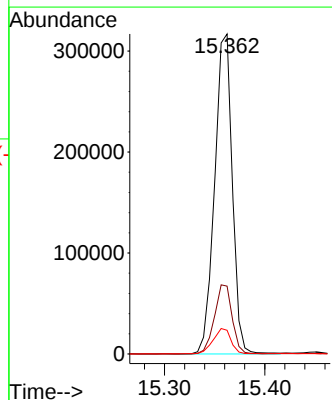
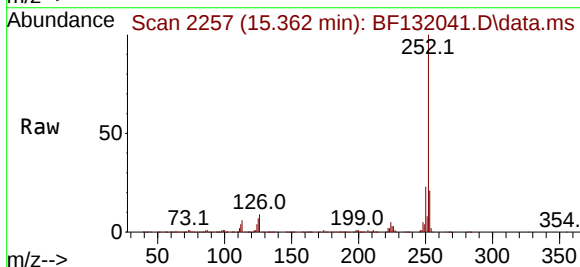
Instrument :  
BNA\_F  
ClientSampleId :  
PB150088BS

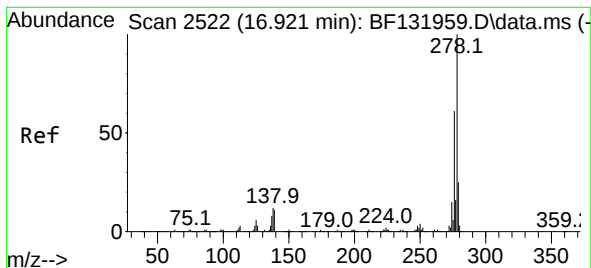
Tgt Ion:252 Resp: 448691  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 6.9 5.2 7.8



#90  
Benzo(a)pyrene  
Concen: 43.108 ng  
RT: 15.362 min Scan# 2257  
Delta R.T. 0.006 min  
Lab File: BF132041.D  
Acq: 12 Jan 2023 14:56

Tgt Ion:252 Resp: 387584  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.4 26.0  
125 7.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 51.786 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Instrument :

BNA\_F

ClientSampleId :

PB150088BS

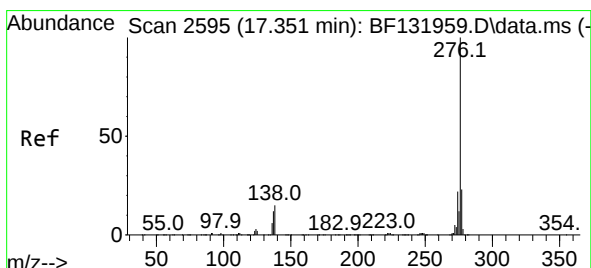
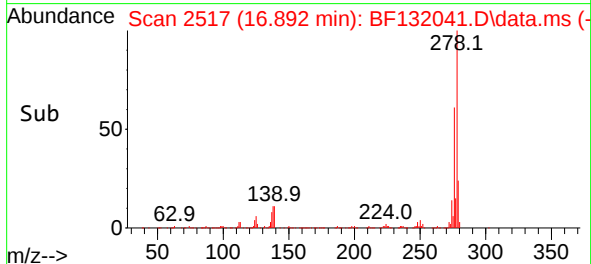
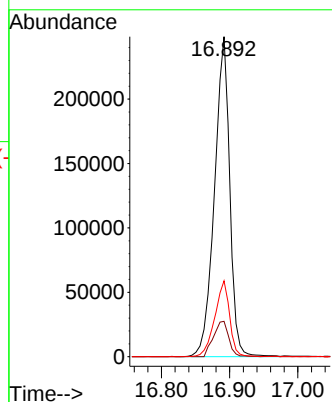
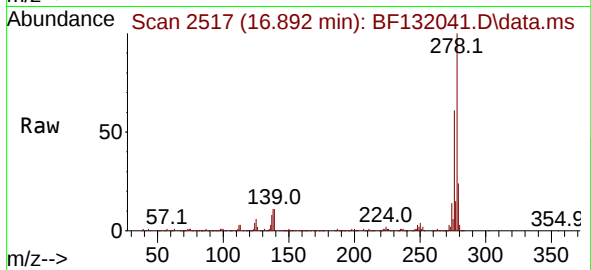
Tgt Ion:278 Resp: 387360

Ion Ratio Lower Upper

278 100

139 11.1 8.8 13.2

279 23.7 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 47.816 ng

RT: 17.315 min Scan# 2589

Delta R.T. -0.000 min

Lab File: BF132041.D

Acq: 12 Jan 2023 14:56

Tgt Ion:276 Resp: 382856

Ion Ratio Lower Upper

276 100

277 22.8 18.2 27.2

138 14.7 11.7 17.5

