

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022824\  
 Data File : BF137426.D  
 Acq On : 28 Feb 2024 16:51  
 Operator : CG\JU  
 Sample : PB159325BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 28 17:30:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 24 04:23:49 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 246773   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.063  | 136  | 981633   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.822  | 164  | 528535   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.316 | 188  | 918778   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.974 | 240  | 515433   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.456 | 264  | 449264   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 2044394  | 127.832 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 2809382  | 119.418 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 1791020  | 91.089  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.621 | 330  | 606376   | 131.749 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 2744850  | 80.852  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.915 | 244  | 3088714  | 83.816  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.663  | 88   | 330805   | 37.759  | ng    | 99       |
| 3) Pyridine                   | 3.404  | 79   | 744858   | 33.904  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 387444   | 46.193  | ng    | 96       |
| 6) Aniline                    | 6.451  | 93   | 662085   | 23.732  | ng    | # 69     |
| 8) 2-Chlorophenol             | 6.569  | 128  | 801487   | 46.725  | ng    | 99       |
| 10) Phenol                    | 6.445  | 94   | 1091131  | 42.378  | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 811448   | 43.372  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 807406   | 43.832  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 801999   | 42.288  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 781312   | 44.538  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.934  | 79   | 730958   | 52.124  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 1363737  | 43.854  | ng    | 99       |
| 17) 2-Methylphenol            | 7.045  | 107  | 687182   | 42.341  | ng    | 97       |
| 18) Hexachloroethane          | 7.292  | 117  | 277650   | 42.485  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 601805   | 41.512  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 765355   | 41.374  | ng    | 93       |
| 22) Acetophenone              | 7.192  | 105  | 1093875  | 45.954  | ng    | # 97     |
| 24) Nitrobenzene              | 7.369  | 77   | 921970   | 46.147  | ng    | 98       |
| 25) Isophorone                | 7.610  | 82   | 1739761  | 42.786  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 400494   | 52.190  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 629793   | 42.115  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 1036270  | 44.215  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 653278   | 46.610  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 676325   | 44.956  | ng    | 99       |
| 31) Naphthalene               | 8.086  | 128  | 2212867  | 42.006  | ng    | 99       |
| 32) Benzoic acid              | 7.875  | 122  | 444658   | 48.508  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.139  | 127  | 217840   | 10.872  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 385116   | 43.092  | ng    | 98       |
| 35) Caprolactam               | 8.522  | 113  | 119495   | 27.569  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.633  | 107  | 729862   | 45.933  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.780  | 142  | 1358048  | 40.007  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.880  | 142  | 1312511  | 40.896  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 662579   | 45.515  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.933  | 237  | 537522   | 81.441  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 447764   | 47.439  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 481801   | 44.493  | ng    | 98       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 24 04:23:49 2024  
 Response via : Initial Calibration

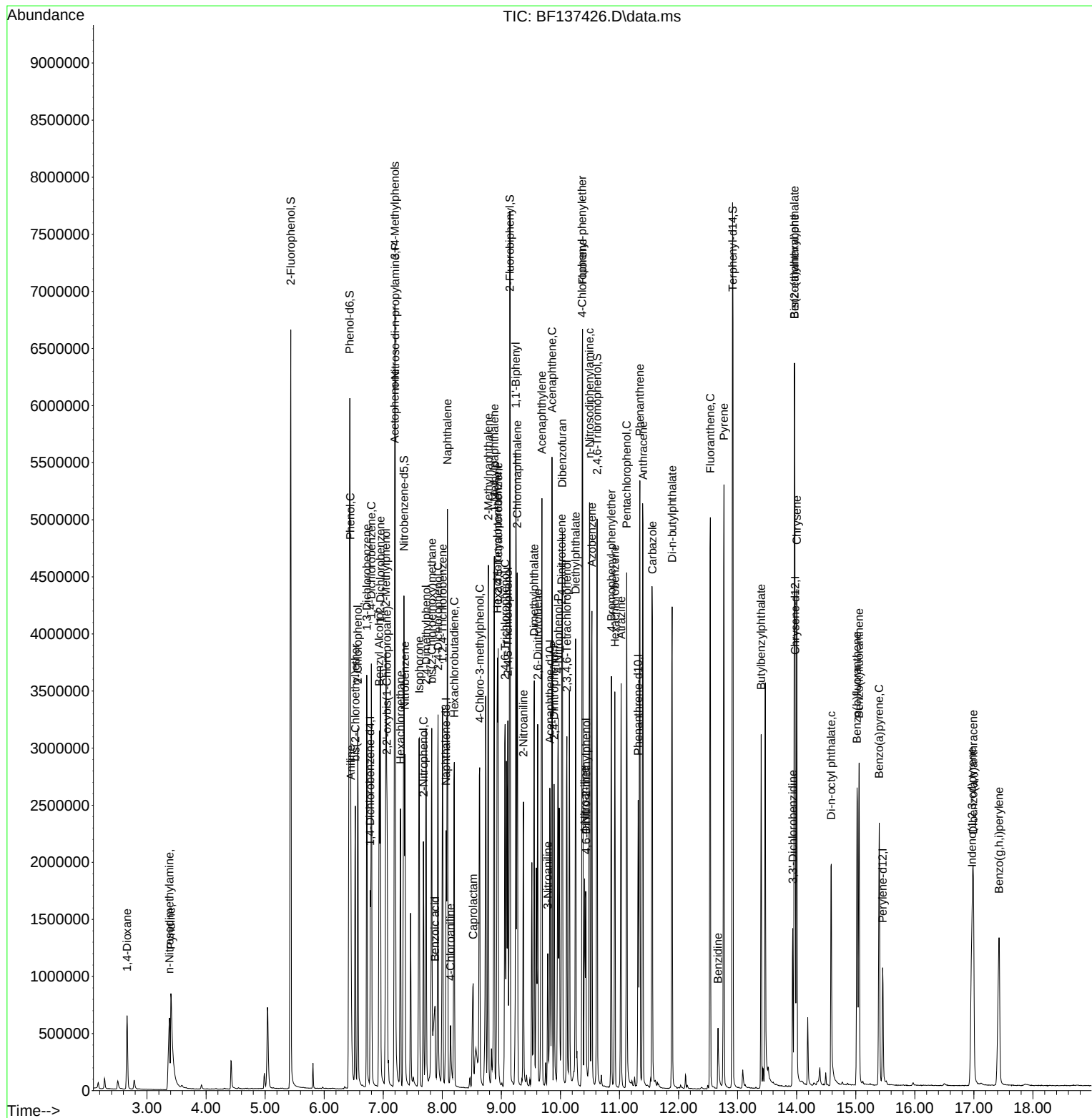
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 1719295  | 44.663  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 1331233  | 45.792  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.375  | 65   | 469821   | 52.750  | ng    | 92       |
| 49) Acenaphthylene            | 9.686  | 152  | 2095971  | 44.375  | ng    | 99       |
| 50) Dimethylphthalate         | 9.557  | 163  | 1579570  | 43.251  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 344754   | 50.741  | ng    | 91       |
| 52) Acenaphthene              | 9.857  | 154  | 1193372  | 42.326  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.786  | 138  | 185419   | 25.069  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 352034   | 102.387 | ng    | 94       |
| 55) Dibenzofuran              | 10.033 | 168  | 1796864  | 41.234  | ng    | 100      |
| 56) 4-Nitrophenol             | 9.963  | 139  | 534141   | 92.039  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 434656   | 50.542  | ng    | 97       |
| 58) Fluorene                  | 10.374 | 166  | 1377280  | 41.386  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.110 | 232  | 398158   | 44.402  | ng    | 99       |
| 60) Diethylphthalate          | 10.257 | 149  | 1482731  | 43.485  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204  | 654563   | 39.985  | ng    | 100      |
| 62) 4-Nitroaniline            | 10.410 | 138  | 309138   | 43.419  | ng    | 98       |
| 63) Azobenzene                | 10.533 | 77   | 1714553  | 42.027  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.433 | 198  | 232247   | 51.348  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.492 | 169  | 1263401  | 42.340  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.863 | 248  | 417789   | 42.298  | ng    | 97       |
| 68) Hexachlorobenzene         | 10.921 | 284  | 452837   | 44.319  | ng    | 95       |
| 69) Atrazine                  | 11.027 | 200  | 409984   | 50.912  | ng    | 99       |
| 70) Pentachlorophenol         | 11.121 | 266  | 533166   | 82.359  | ng    | 99       |
| 71) Phenanthrene              | 11.345 | 178  | 2123383  | 41.889  | ng    | 100      |
| 72) Anthracene                | 11.398 | 178  | 2156165  | 41.275  | ng    | 99       |
| 73) Carbazole                 | 11.557 | 167  | 1960761  | 43.931  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 2220091  | 49.711  | ng    | 100      |
| 75) Fluoranthene              | 12.539 | 202  | 2128942  | 43.026  | ng    | 99       |
| 77) Benzidine                 | 12.668 | 184  | 282776   | 34.423  | ng    | 100      |
| 78) Pyrene                    | 12.768 | 202  | 2176383  | 44.655  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.398 | 149  | 600929   | 71.007  | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.962 | 228  | 1562555  | 43.687  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.933 | 252  | 301408   | 37.382  | ng    | 99       |
| 83) Chrysene                  | 14.004 | 228  | 1563589  | 42.795  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.962 | 149  | 743200   | 70.050  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 1206140  | 63.545  | ng    | # 90     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 1331680  | 43.010  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 1296945  | 47.059  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 1220397  | 42.249  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 1133255  | 43.350  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.992 | 278  | 1084889  | 42.738  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 1096903  | 41.901  | ng    | 99       |

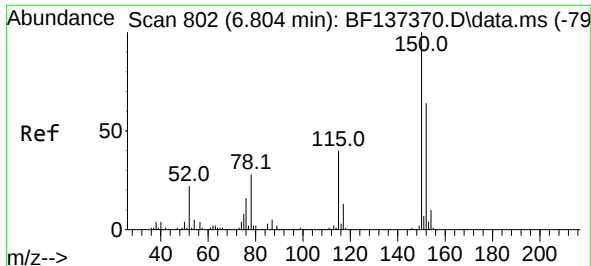
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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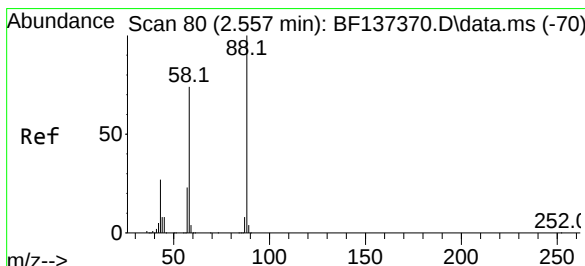
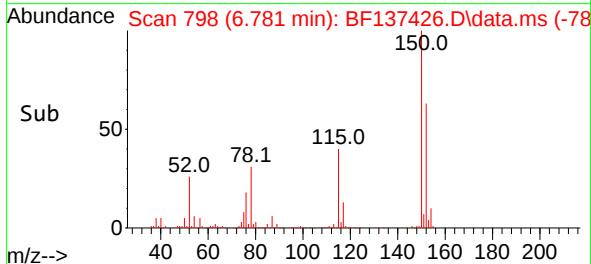
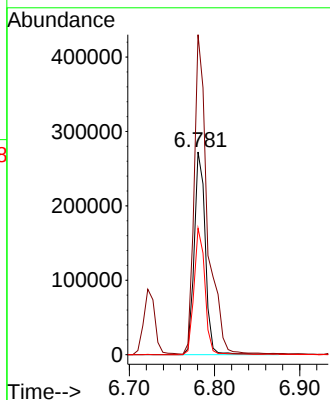
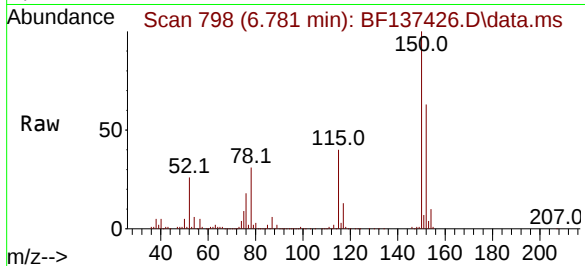




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.023 min  
 Lab File: BF137426.D  
 Acq: 28 Feb 2024 16:51

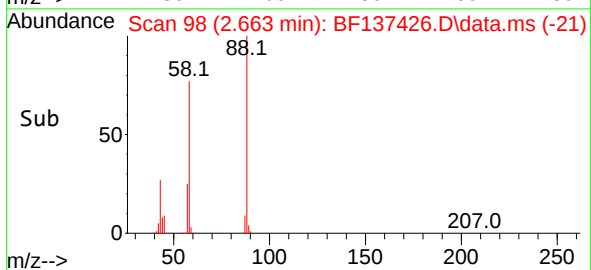
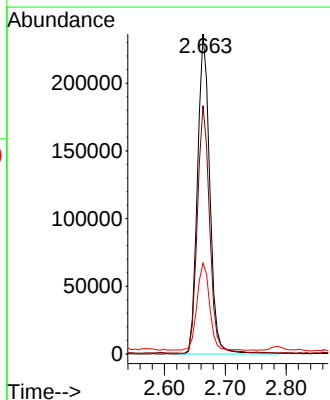
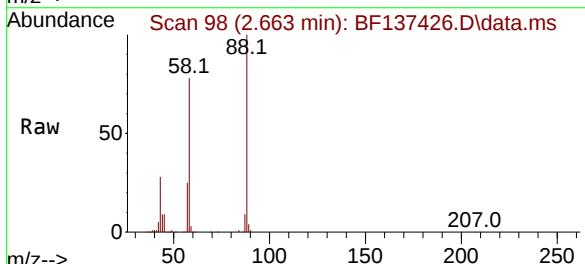
Instrument :  
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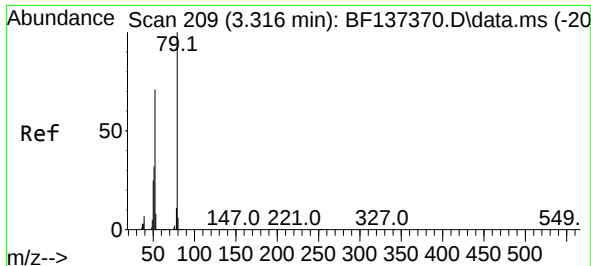
Tgt Ion:152 Resp: 246773  
 Ion Ratio Lower Upper  
 152 100  
 150 157.9 125.7 188.5  
 115 62.4 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 37.759 ng  
 RT: 2.663 min Scan# 98  
 Delta R.T. 0.106 min  
 Lab File: BF137426.D  
 Acq: 28 Feb 2024 16:51

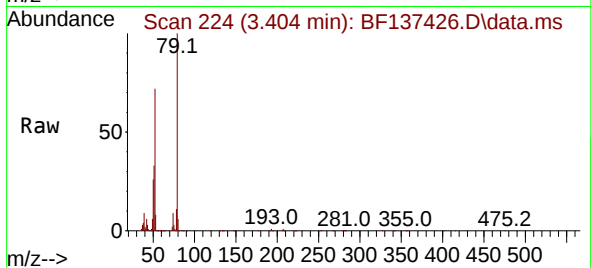
Tgt Ion: 88 Resp: 330805  
 Ion Ratio Lower Upper  
 88 100  
 58 77.1 60.6 91.0  
 43 27.7 22.0 33.0



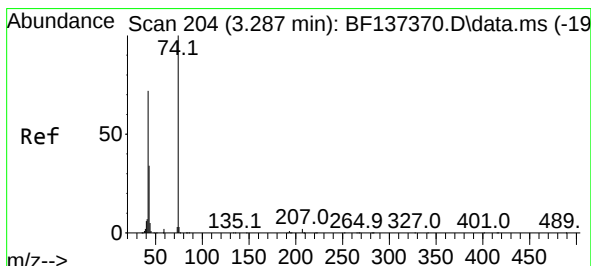
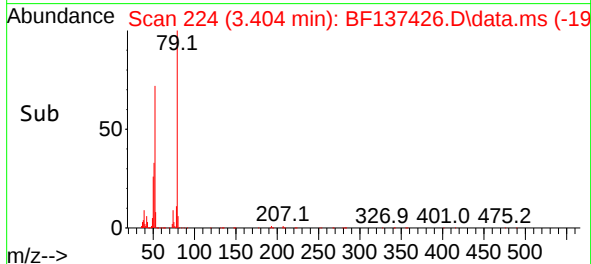
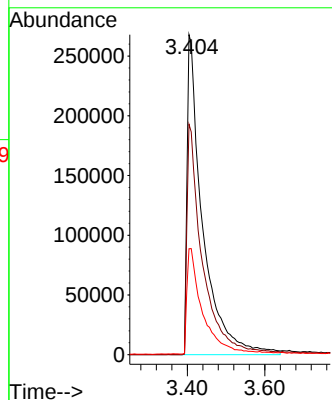


#3  
 Pyridine  
 Concen: 33.904 ng  
 RT: 3.404 min Scan# 21  
 Delta R.T. 0.088 min  
 Lab File: BF137426.D  
 Acq: 28 Feb 2024 16:51

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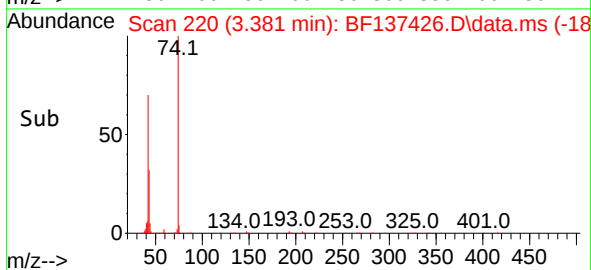
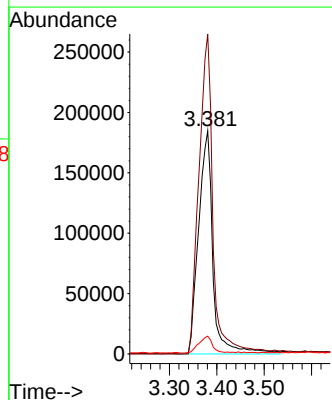
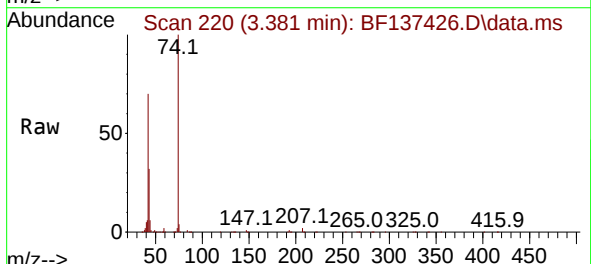


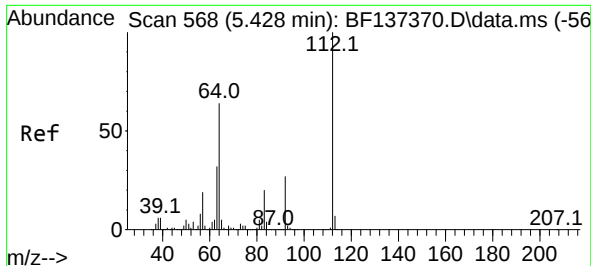
Tgt Ion: 79 Resp: 744858  
 Ion Ratio Lower Upper  
 79 100  
 52 72.0 56.5 84.7  
 51 33.1 26.2 39.2



#4  
 n-Nitrosodimethylamine  
 Concen: 46.193 ng  
 RT: 3.381 min Scan# 220  
 Delta R.T. 0.094 min  
 Lab File: BF137426.D  
 Acq: 28 Feb 2024 16:51

Tgt Ion: 42 Resp: 387444  
 Ion Ratio Lower Upper  
 42 100  
 74 143.5 110.8 166.2  
 44 7.9 6.0 9.0

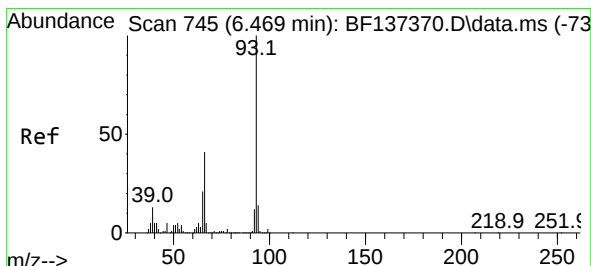
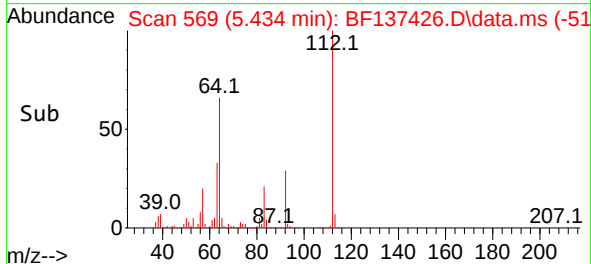
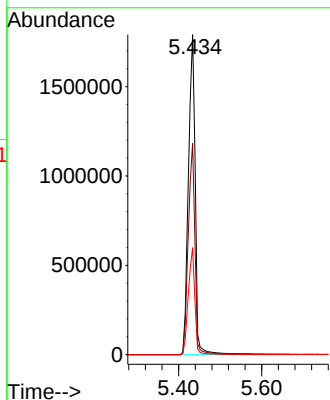
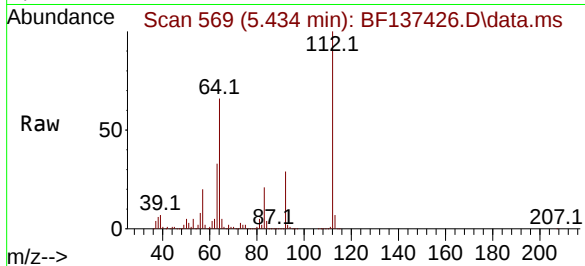




#5  
2-Fluorophenol  
Concen: 127.832 ng  
RT: 5.434 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF137426.D  
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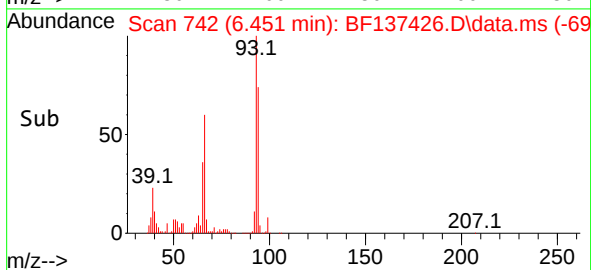
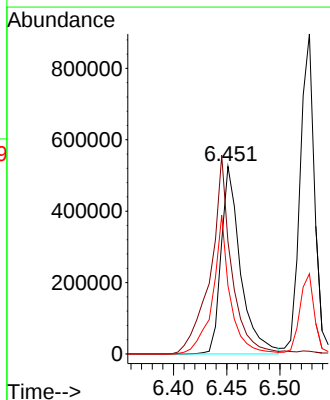
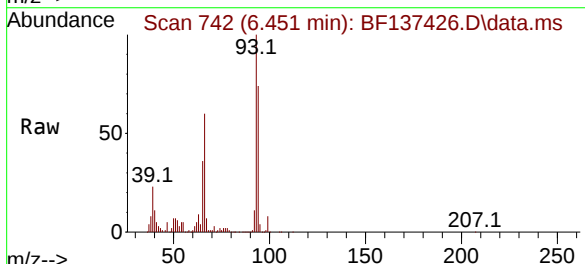
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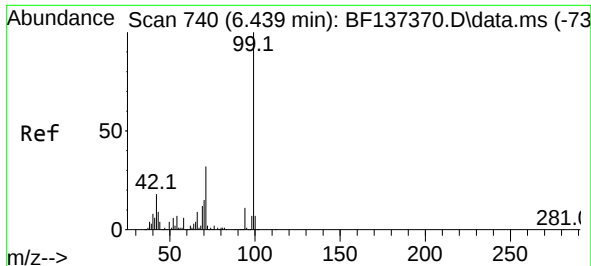
Tgt Ion:112 Resp: 2044394  
Ion Ratio Lower Upper  
112 100  
64 66.1 51.0 76.6  
63 33.5 25.7 38.5



#6  
Aniline  
Concen: 23.732 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion: 93 Resp: 662085  
Ion Ratio Lower Upper  
93 100  
66 59.9 33.0 49.4#  
65 36.4 17.0 25.6#

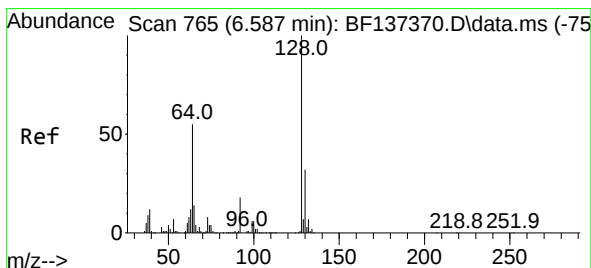
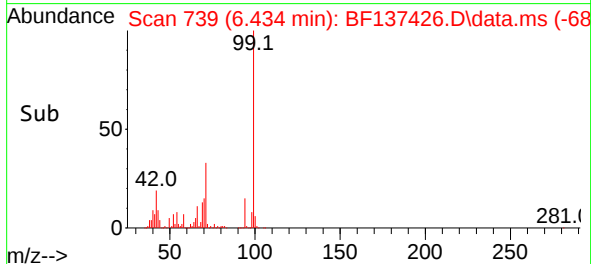
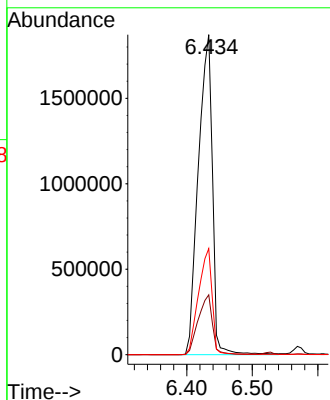
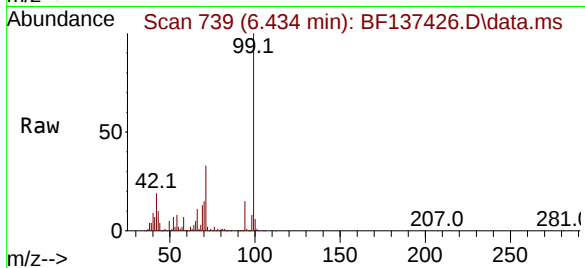




#7  
Phenol-d6  
Concen: 119.418 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
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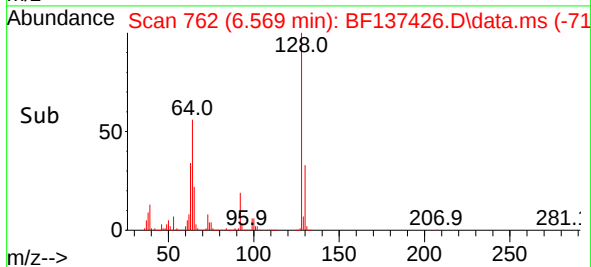
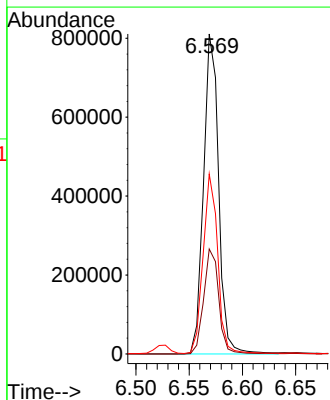
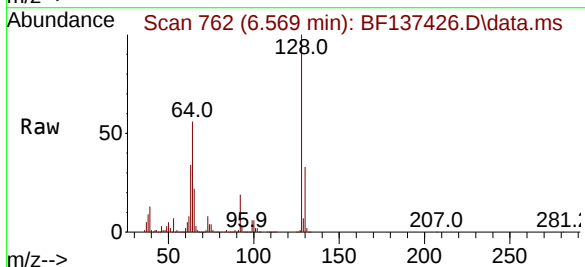
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ClientSampleId :

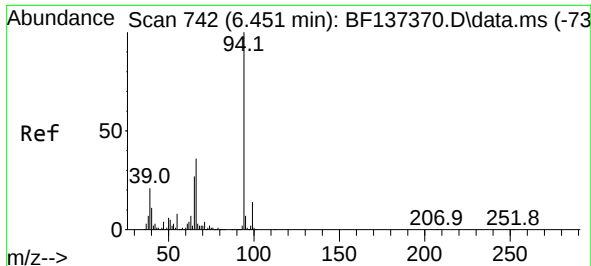
Tgt Ion: 99 Resp: 2809382  
Ion Ratio Lower Upper  
99 100  
42 18.7 14.2 21.4  
71 33.2 25.2 37.8



#8  
2-Chlorophenol  
Concen: 46.725 ng  
RT: 6.569 min Scan# 762  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion: 128 Resp: 801487  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.1 52.1  
64 56.3 35.3 75.3

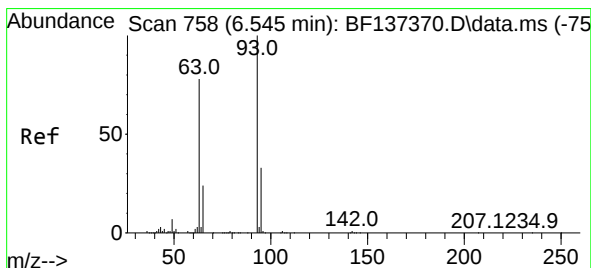
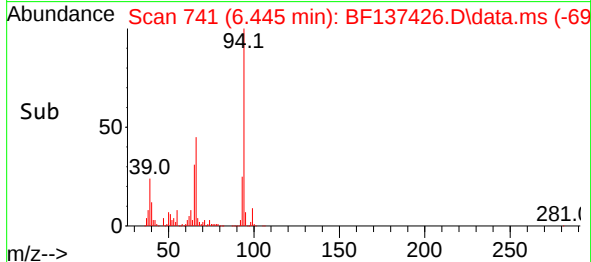
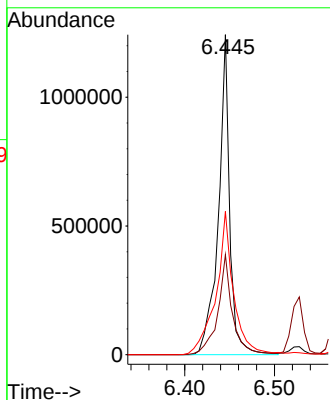
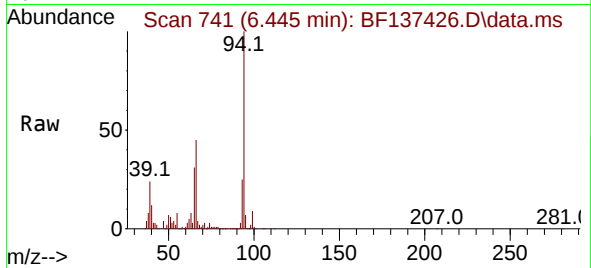




#10  
Phenol  
Concen: 42.378 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

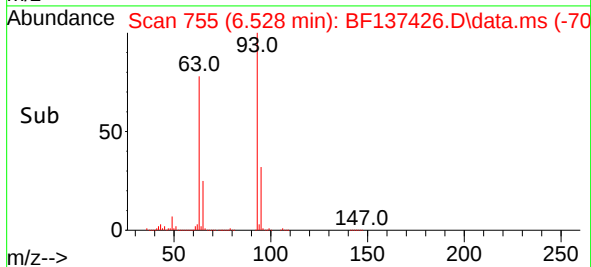
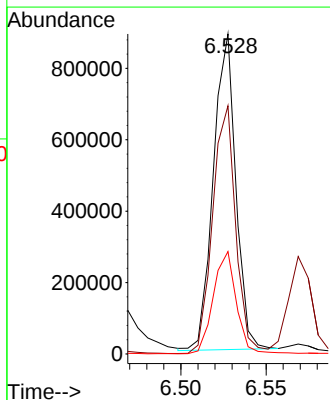
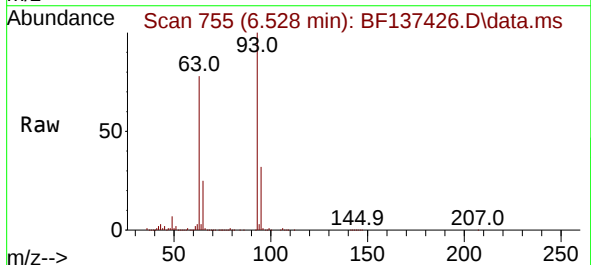
Instrument :  
BNA\_F  
ClientSampleId :

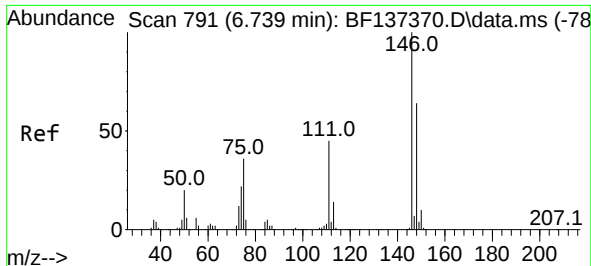
Tgt Ion: 94 Resp: 1091131  
Ion Ratio Lower Upper  
94 100  
65 31.2 7.4 47.4  
66 44.8 15.6 55.6



#11  
bis(2-Chloroethyl)ether  
Concen: 43.372 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion: 93 Resp: 811448  
Ion Ratio Lower Upper  
93 100  
63 77.6 56.1 96.1  
95 32.0 12.7 52.7





#12

1,3-Dichlorobenzene

Concen: 43.832 ng

RT: 6.722 min Scan# 791

Delta R.T. -0.018 min

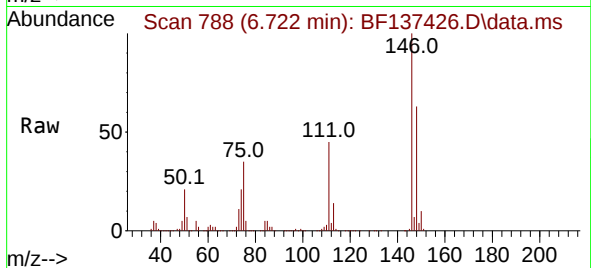
Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :



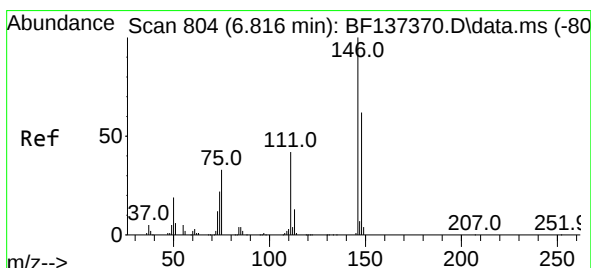
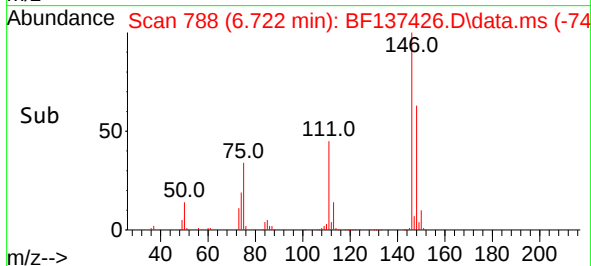
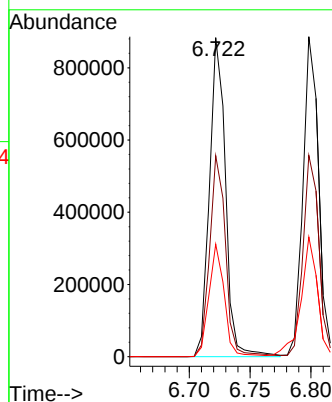
Tgt Ion:146 Resp: 807406

Ion Ratio Lower Upper

146 100

148 63.0 50.9 76.3

75 35.3 28.5 42.7



#13

1,4-Dichlorobenzene

Concen: 42.288 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.018 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

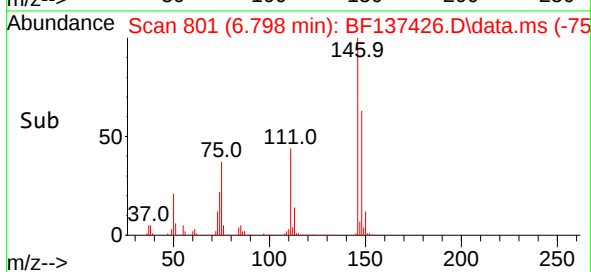
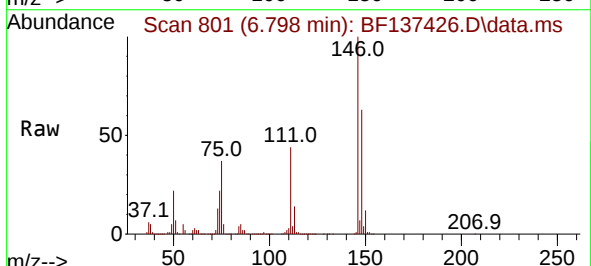
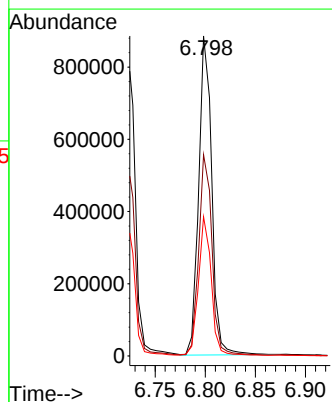
Tgt Ion:146 Resp: 801999

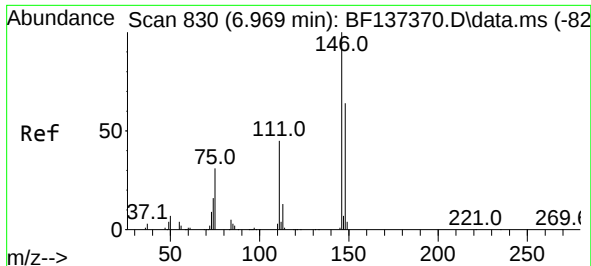
Ion Ratio Lower Upper

146 100

148 62.9 49.9 74.9

111 43.5 34.3 51.5

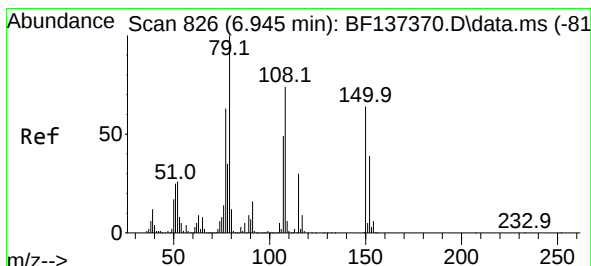
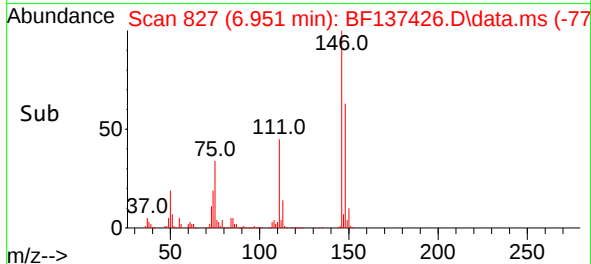
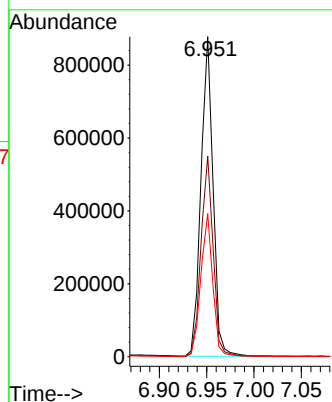
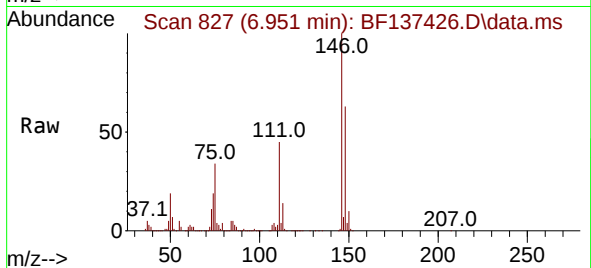




#14  
1,2-Dichlorobenzene  
Concen: 44.538 ng  
RT: 6.951 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

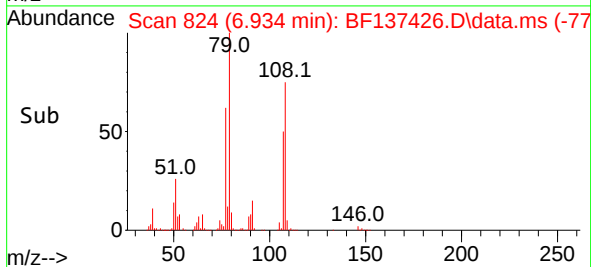
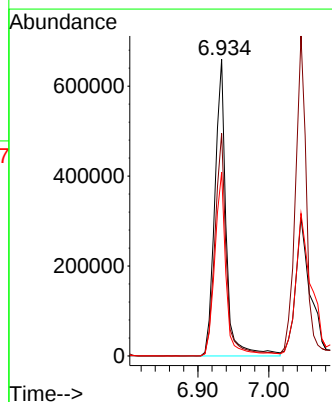
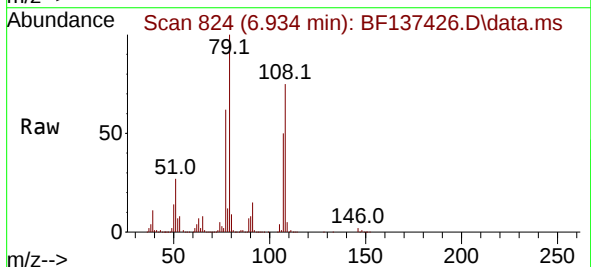
Instrument :  
BNA\_F  
ClientSampleId :

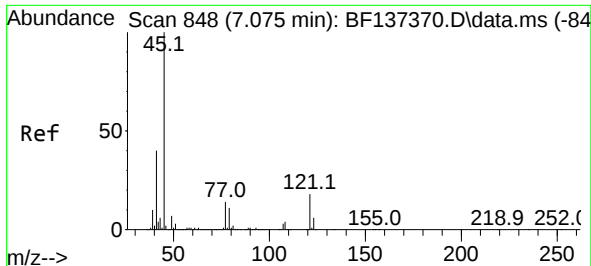
Tgt Ion:146 Resp: 781312  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.4 77.0  
111 44.7 36.6 54.8



#15  
Benzyl Alcohol  
Concen: 52.124 ng  
RT: 6.934 min Scan# 824  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion: 79 Resp: 730958  
Ion Ratio Lower Upper  
79 100  
108 75.0 59.5 89.3  
77 61.9 50.5 75.7

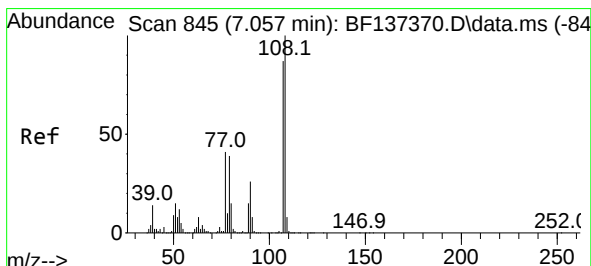
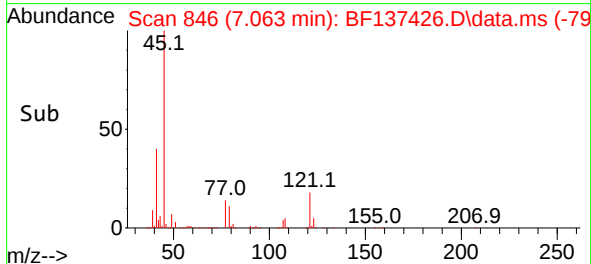
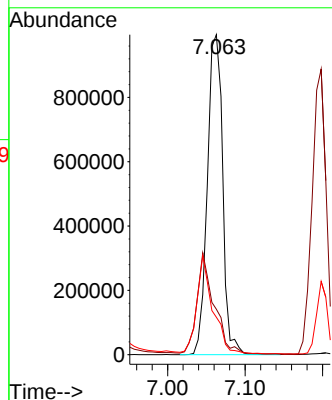
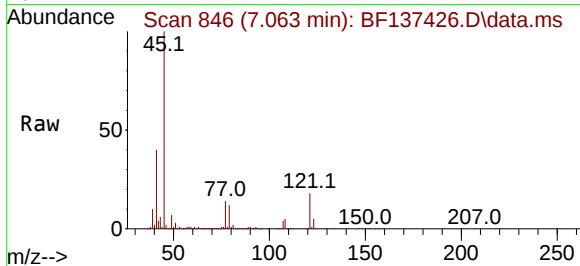




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.854 ng  
RT: 7.063 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

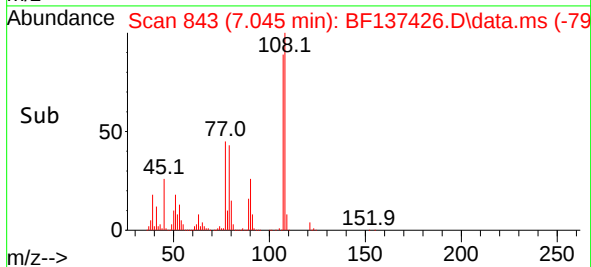
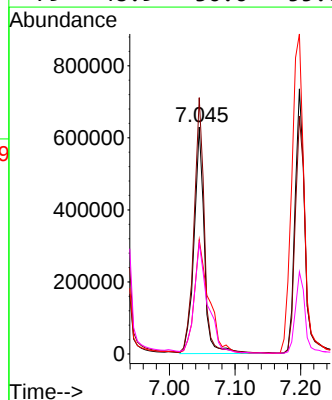
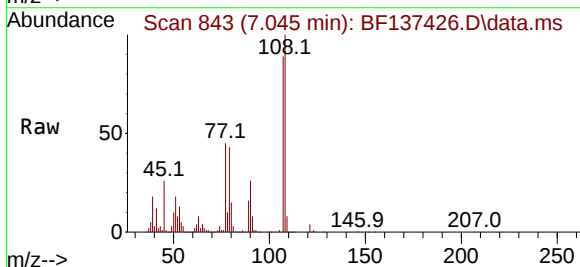
Instrument :  
BNA\_F  
ClientSampleId :

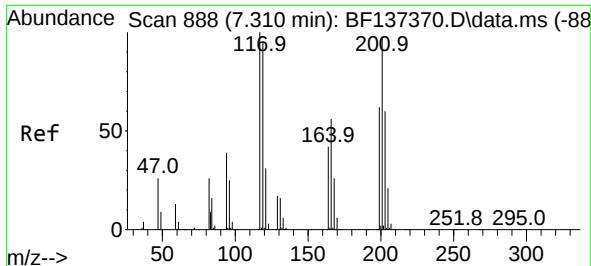
Tgt Ion: 45 Resp: 1363737  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 34.6  
79 11.7 0.0 31.6



#17  
2-Methylphenol  
Concen: 42.341 ng  
RT: 7.045 min Scan# 843  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

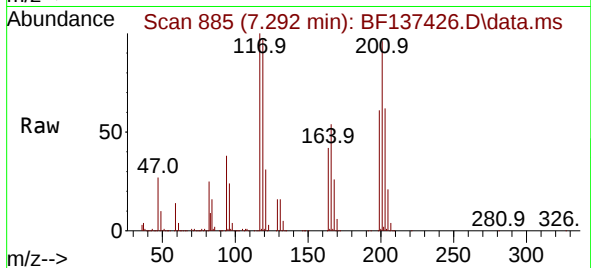
Tgt Ion:107 Resp: 687182  
Ion Ratio Lower Upper  
107 100  
108 113.0 92.2 138.4  
77 50.3 38.1 57.1  
79 48.9 36.6 55.0



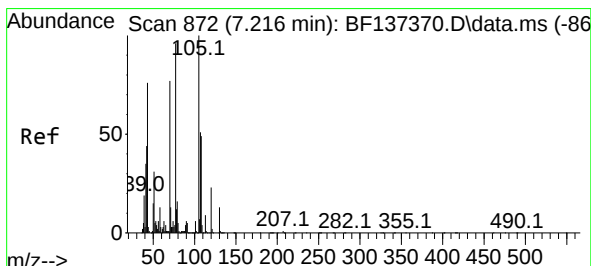
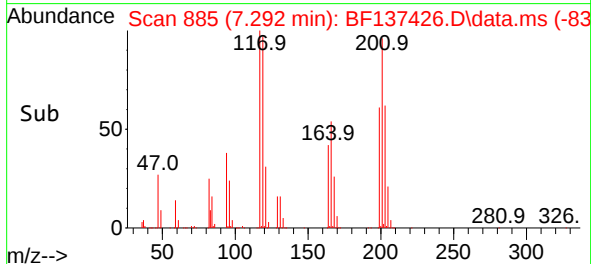
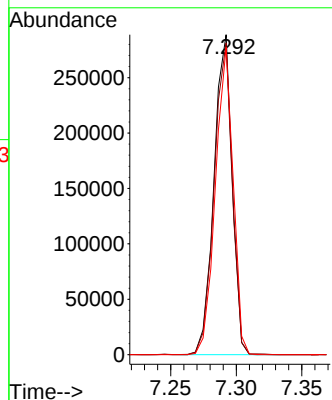


#18  
Hexachloroethane  
Concen: 42.485 ng  
RT: 7.292 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Instrument :  
BNA\_F  
ClientSampleId :

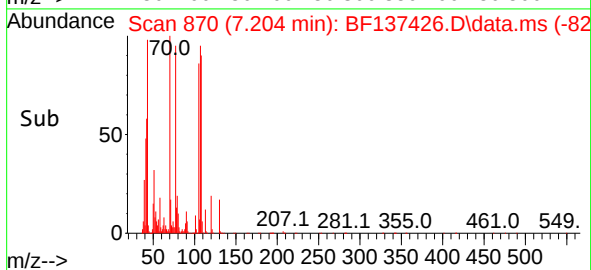
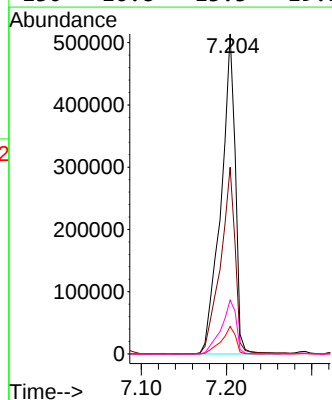
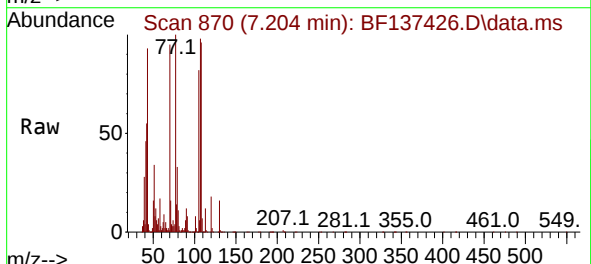


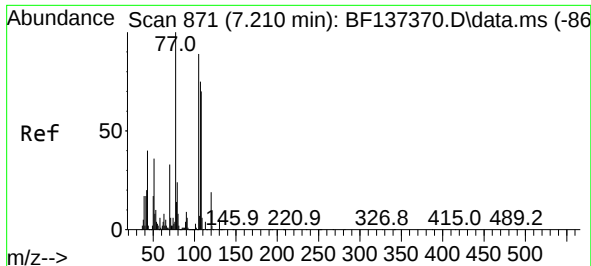
Tgt Ion:117 Resp: 277650  
Ion Ratio Lower Upper  
117 100  
119 97.5 76.2 114.4  
201 96.0 77.6 116.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 41.512 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

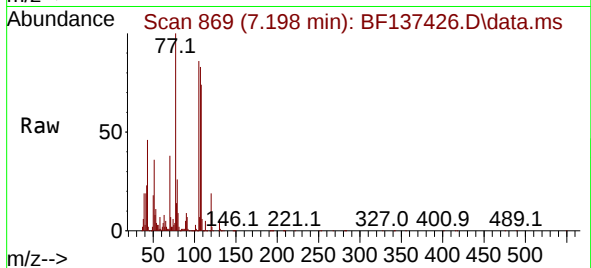
Tgt Ion: 70 Resp: 601805  
Ion Ratio Lower Upper  
70 100  
42 58.4 45.3 67.9  
101 8.6 6.5 9.7  
130 16.8 13.3 19.9



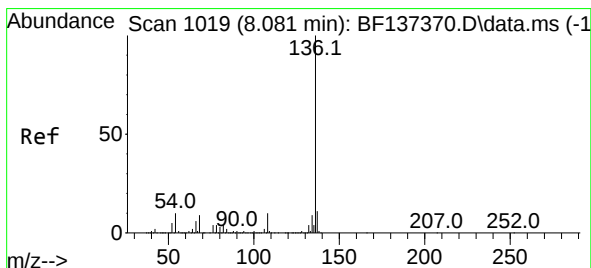
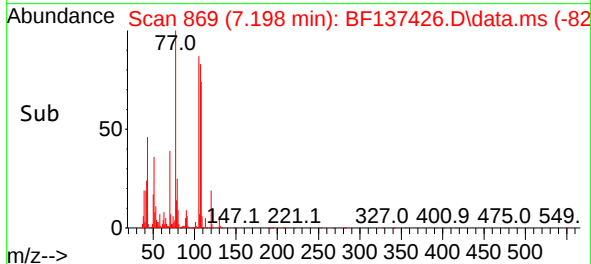
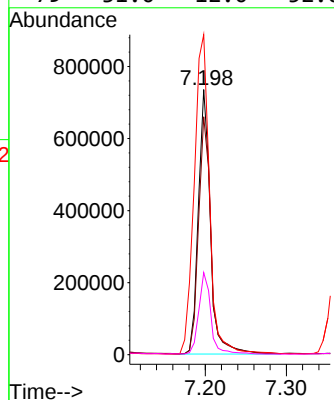


#20  
3+4-Methylphenols  
Concen: 41.374 ng  
RT: 7.198 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Instrument :  
BNA\_F  
ClientSampleId :

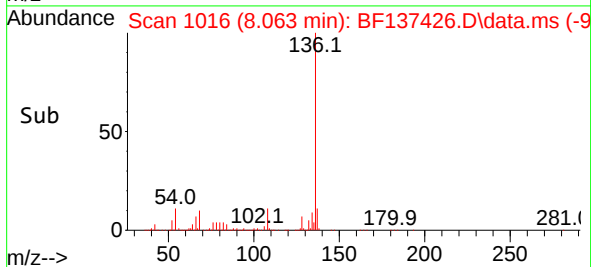
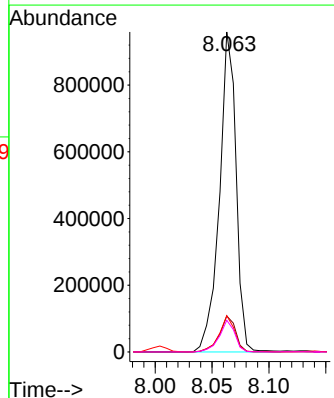
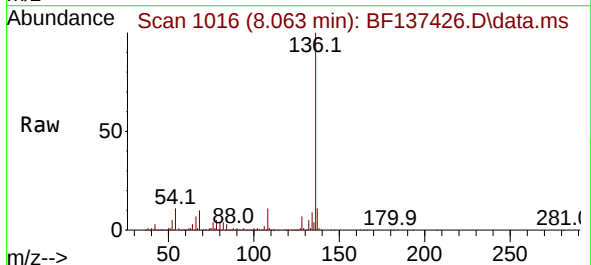


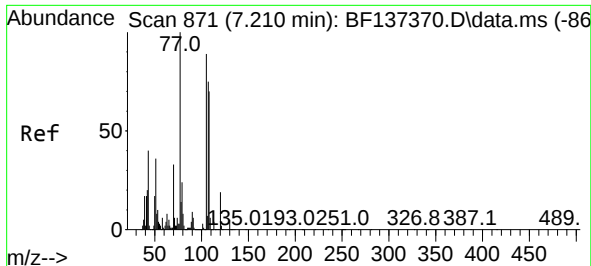
Tgt Ion:107 Resp: 765355  
Ion Ratio Lower Upper  
107 100  
108 89.7 73.1 113.1  
77 120.7 113.6 153.6  
79 31.0 12.0 52.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

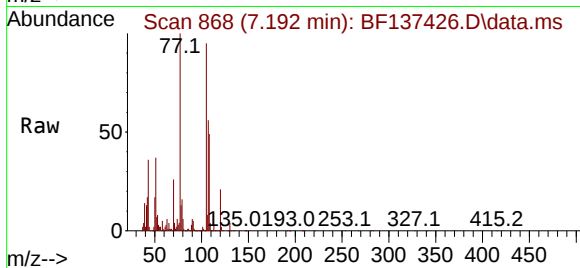
Tgt Ion:136 Resp: 981633  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.4  
54 11.4 7.8 11.6  
68 9.9 7.0 10.4



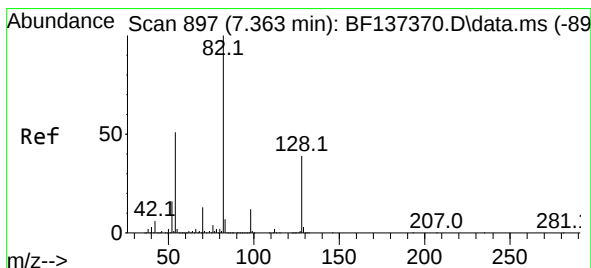
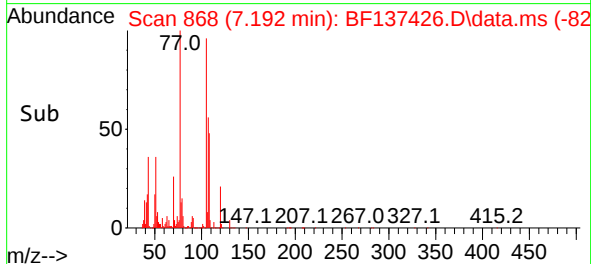
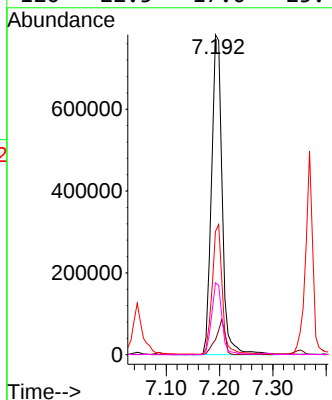


#22  
Acetophenone  
Concen: 45.954 ng  
RT: 7.192 min Scan# 80  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Instrument :  
BNA\_F  
ClientSampleId :

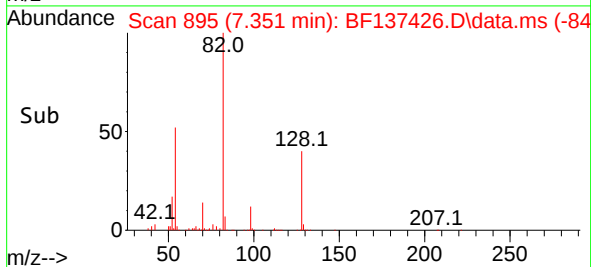
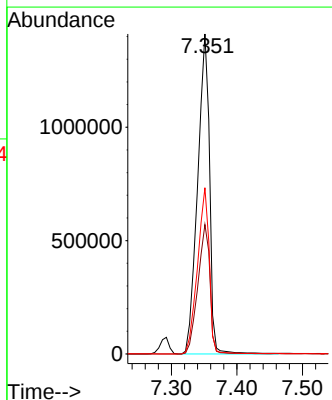
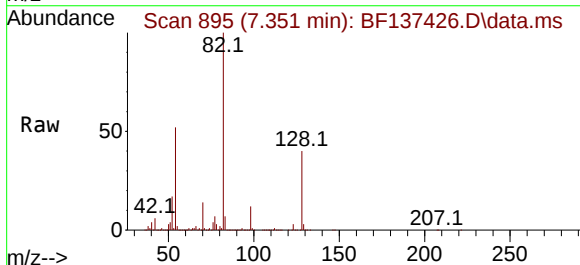


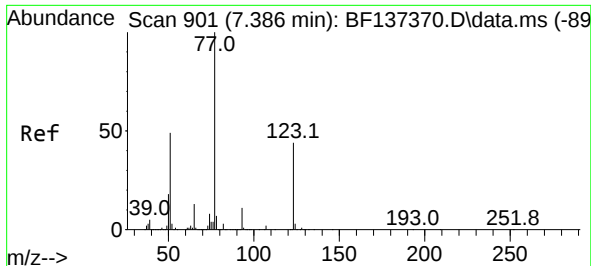
Tgt Ion:105 Resp: 1093875  
Ion Ratio Lower Upper  
105 100  
71 4.6 5.0 7.6#  
51 38.6 32.2 48.4  
120 22.5 17.0 25.4



#23  
Nitrobenzene-d5  
Concen: 91.089 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

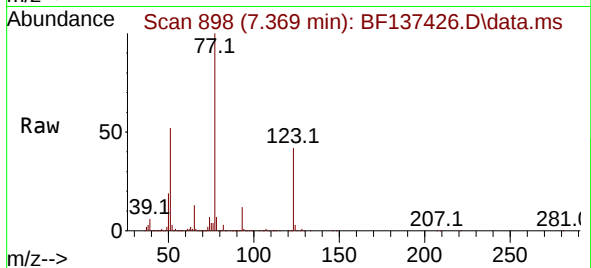
Tgt Ion: 82 Resp: 1791020  
Ion Ratio Lower Upper  
82 100  
128 40.5 30.8 46.2  
54 52.0 40.8 61.2



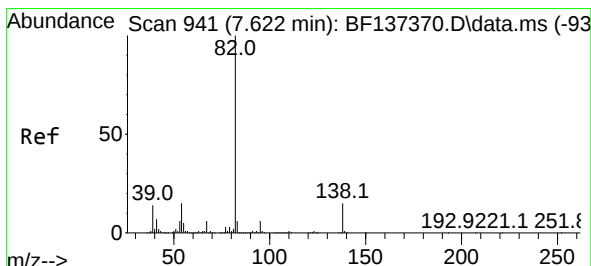
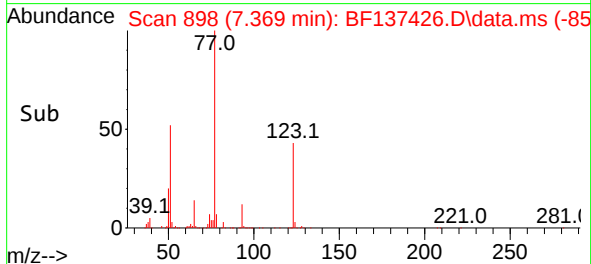
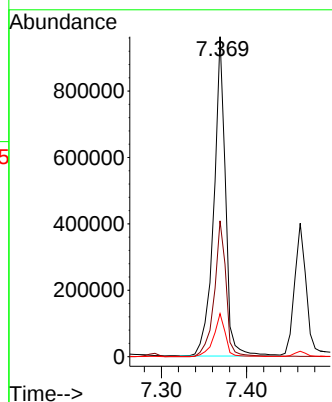


#24  
Nitrobenzene  
Concen: 46.147 ng  
RT: 7.369 min Scan# 89  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Instrument :  
BNA\_F  
ClientSampleId :

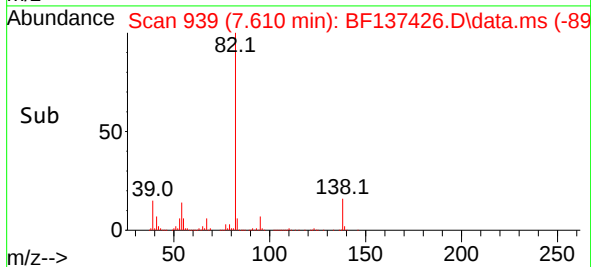
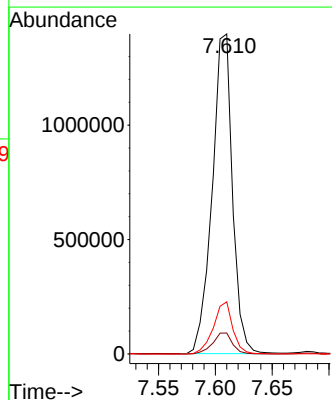
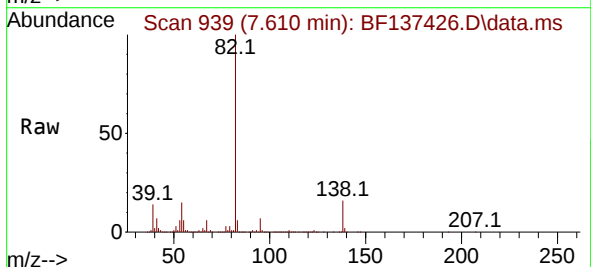


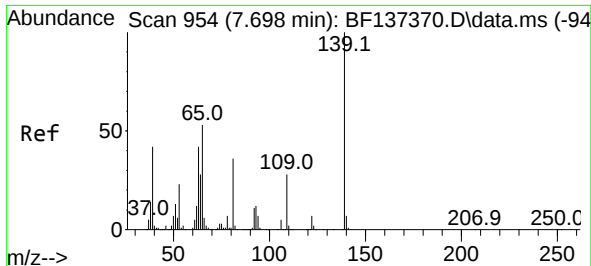
Tgt Ion: 77 Resp: 921970  
Ion Ratio Lower Upper  
77 100  
123 42.5 35.4 53.0  
65 13.5 10.3 15.5



#25  
Isophorone  
Concen: 42.786 ng  
RT: 7.610 min Scan# 939  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion: 82 Resp: 1739761  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 16.3 12.2 18.4

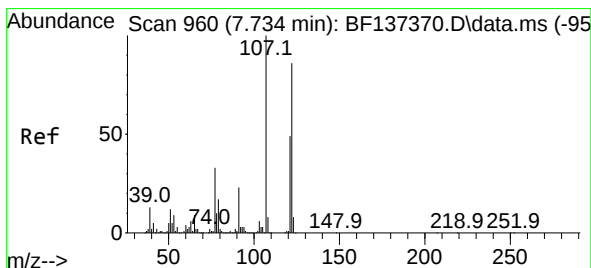
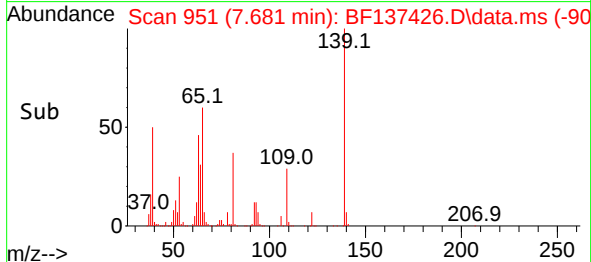
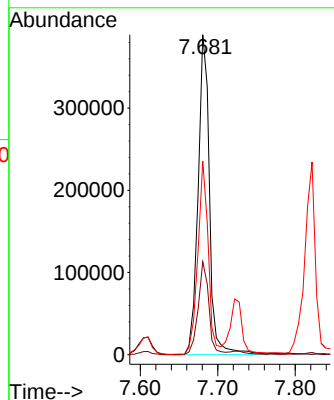
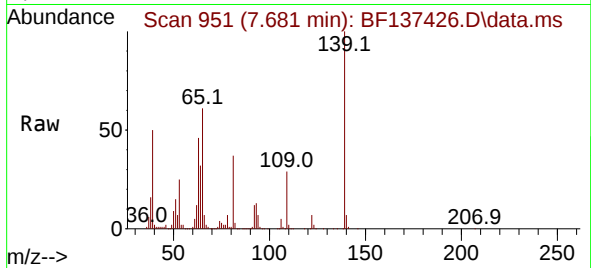




#26  
2-Nitrophenol  
Concen: 52.190 ng  
RT: 7.681 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

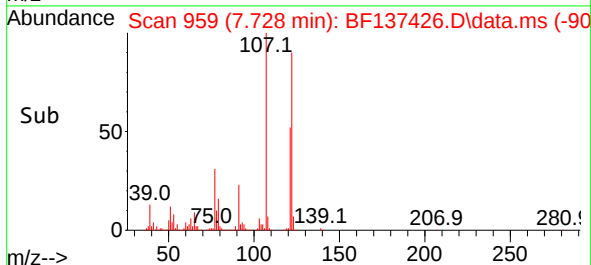
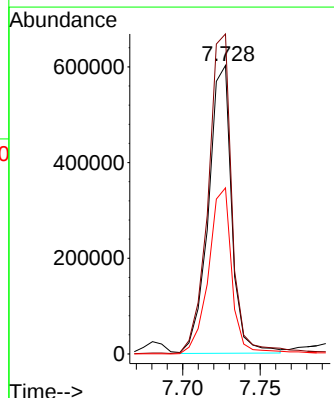
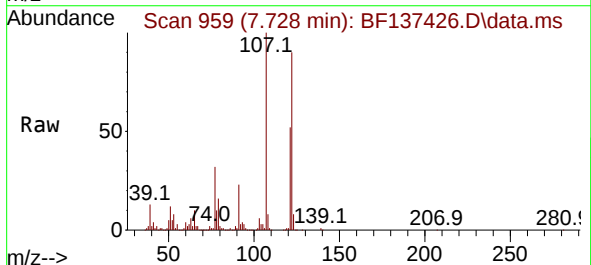
Instrument :  
BNA\_F  
ClientSampleId :

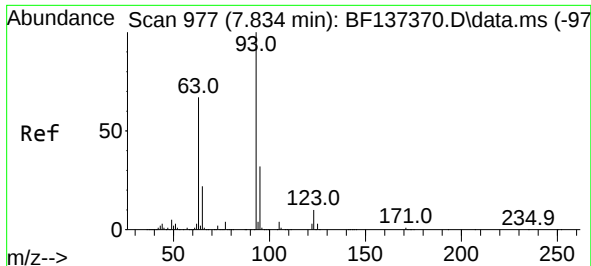
Tgt Ion:139 Resp: 400494  
Ion Ratio Lower Upper  
139 100  
109 29.0 22.5 33.7  
65 60.5 42.3 63.5



#27  
2,4-Dimethylphenol  
Concen: 42.115 ng  
RT: 7.728 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:122 Resp: 629793  
Ion Ratio Lower Upper  
122 100  
107 110.9 92.7 139.1  
121 57.6 45.2 67.8

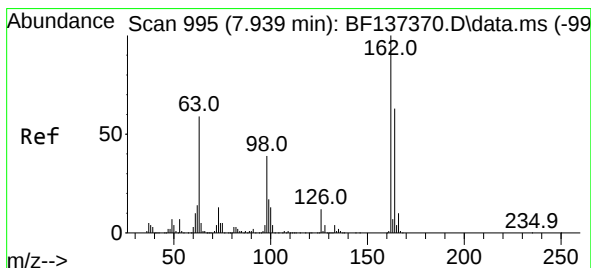
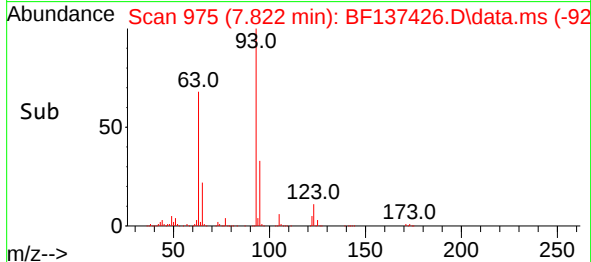
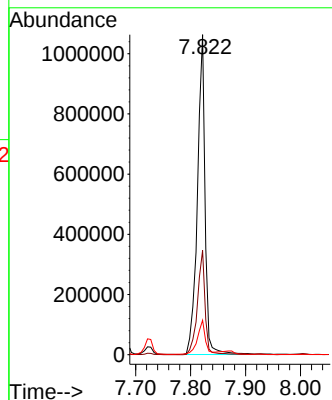
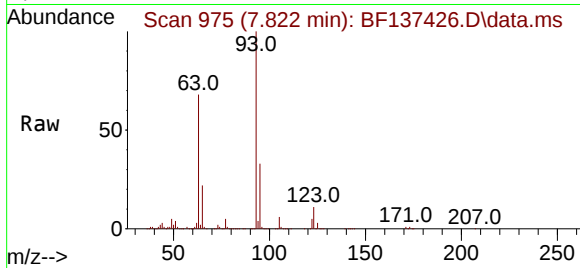




#28  
bis(2-Chloroethoxy)methane  
Concen: 44.215 ng  
RT: 7.822 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

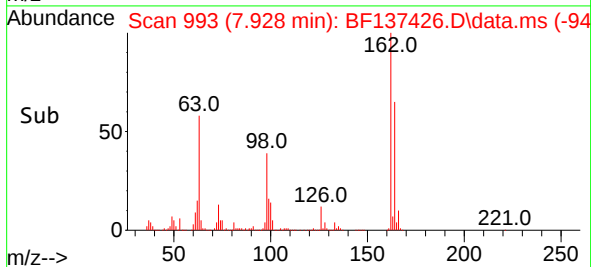
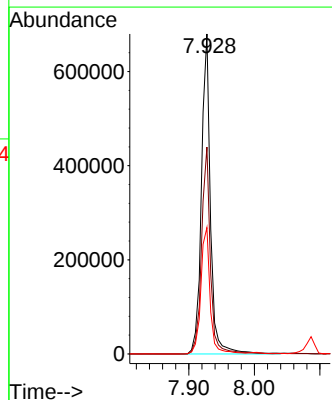
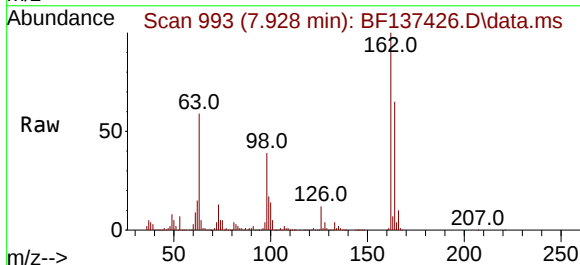
Instrument :  
BNA\_F  
ClientSampleId :

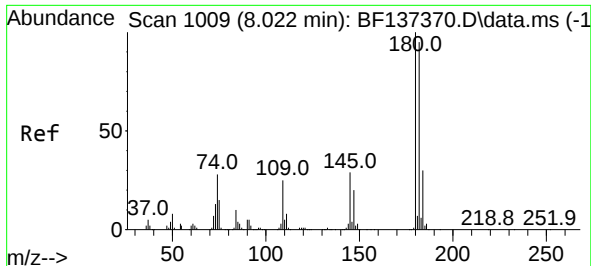
Tgt Ion: 93 Resp: 1036270  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.9 38.9  
123 10.8 8.2 12.4



#29  
2,4-Dichlorophenol  
Concen: 46.610 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:162 Resp: 653278  
Ion Ratio Lower Upper  
162 100  
164 64.7 43.1 83.1  
98 39.5 19.0 59.0





#30

1,2,4-Trichlorobenzene

Concen: 44.956 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.018 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

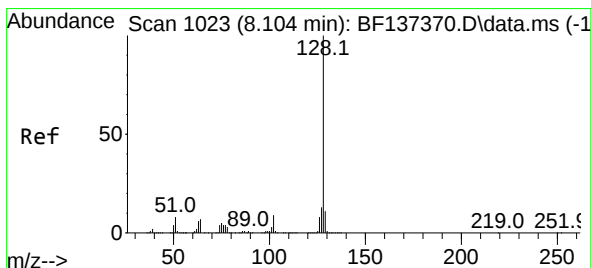
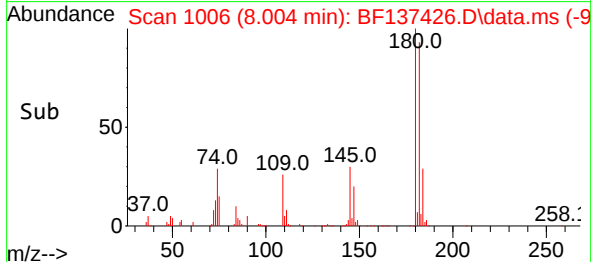
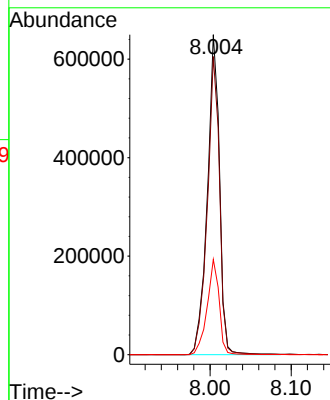
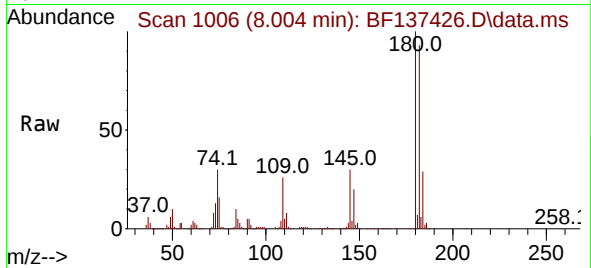
Tgt Ion:180 Resp: 676325

Ion Ratio Lower Upper

180 100

182 93.2 75.8 113.6

145 29.7 23.4 35.0



#31

Naphthalene

Concen: 42.006 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.018 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

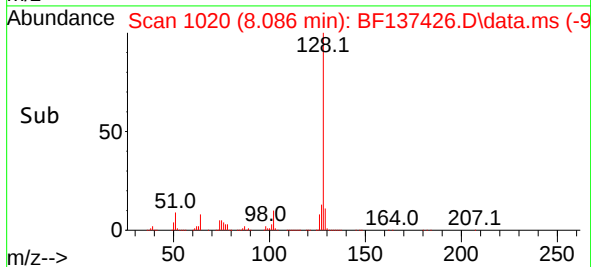
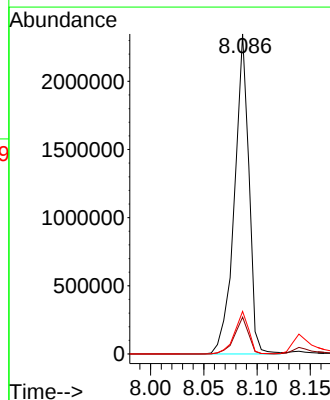
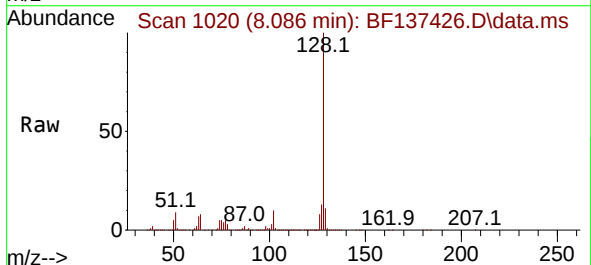
Tgt Ion:128 Resp: 2212867

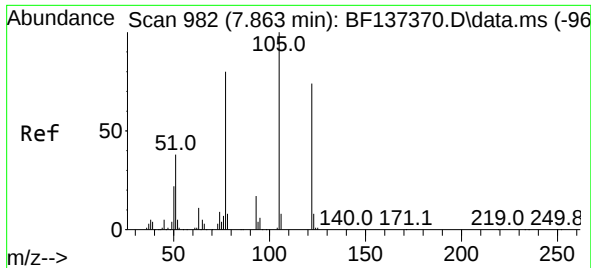
Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 13.3 10.6 16.0

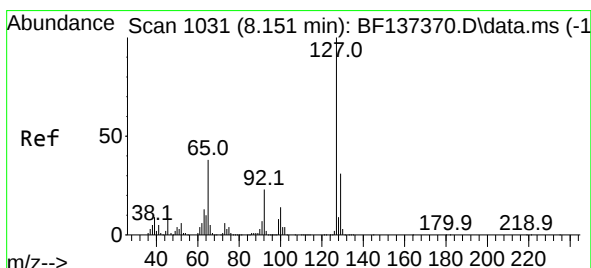
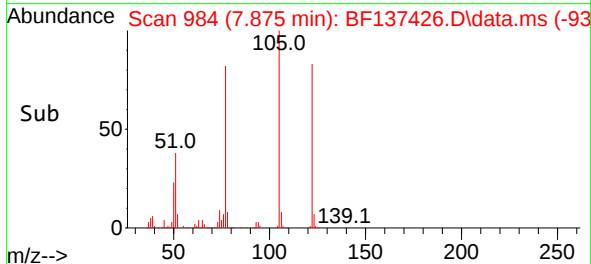
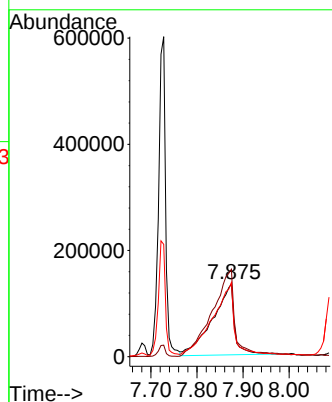
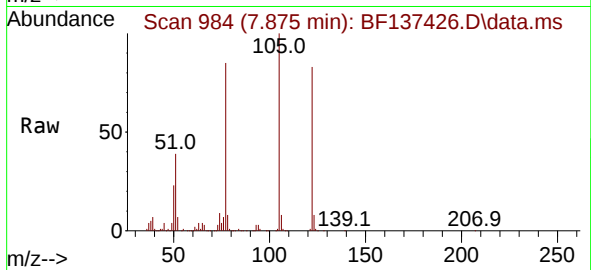




#32  
Benzoic acid  
Concen: 48.508 ng  
RT: 7.875 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

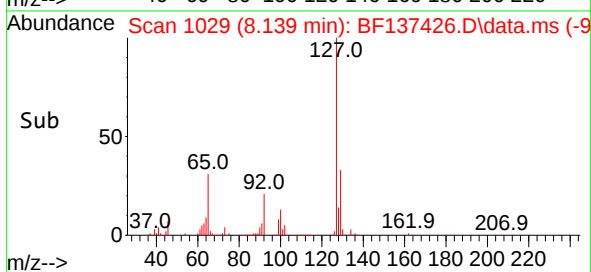
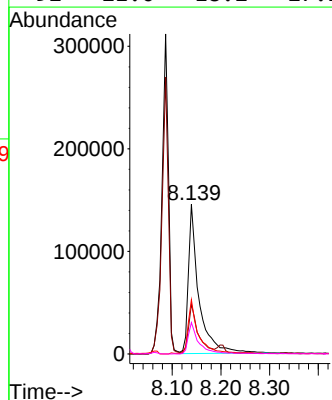
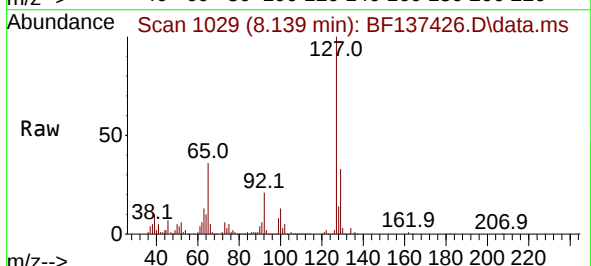
Instrument :  
BNA\_F  
ClientSampleId :

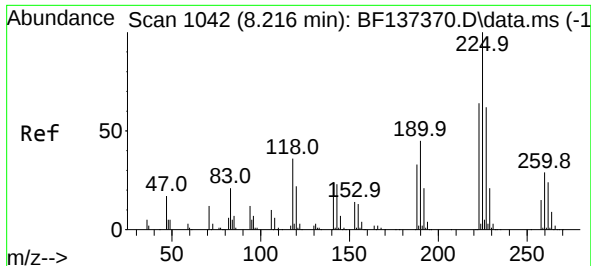
Tgt Ion:122 Resp: 444658  
Ion Ratio Lower Upper  
122 100  
105 120.4 101.1 141.1  
77 102.0 82.8 122.8



#33  
4-Chloroaniline  
Concen: 10.872 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:127 Resp: 217840  
Ion Ratio Lower Upper  
127 100  
129 33.2 25.0 37.6  
65 36.2 30.4 45.6  
92 21.0 18.2 27.2

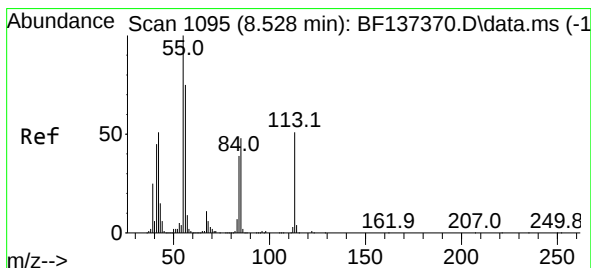
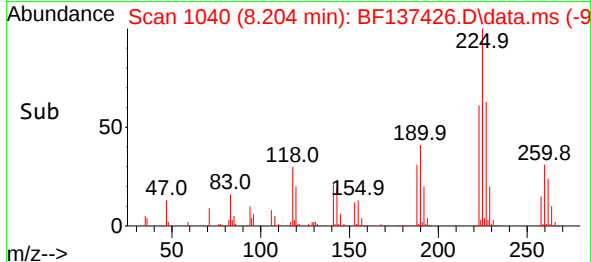
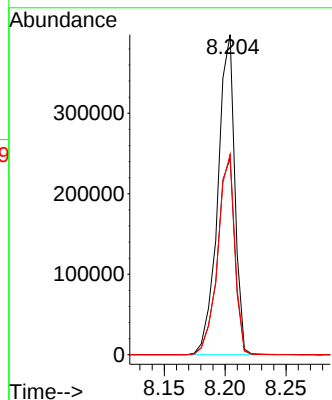
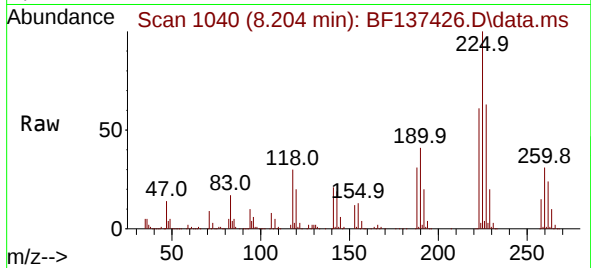




#34  
Hexachlorobutadiene  
Concen: 43.092 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

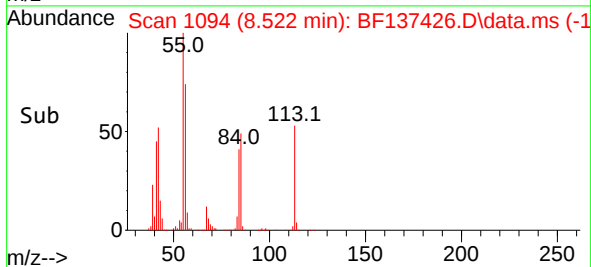
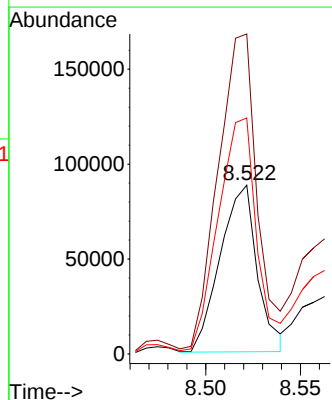
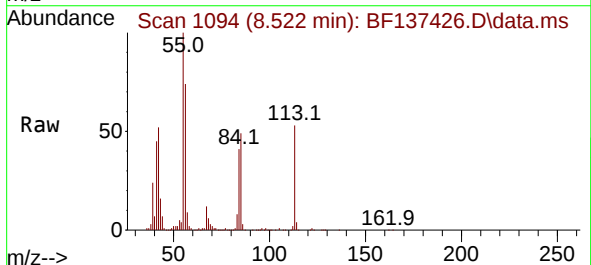
Instrument :  
BNA\_F  
ClientSampleId :

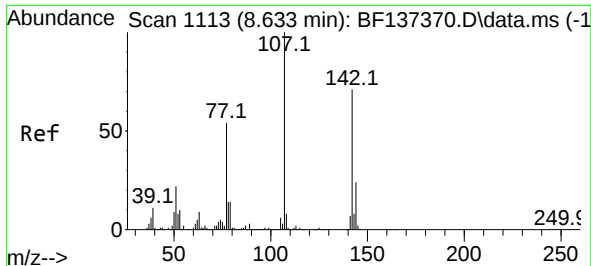
Tgt Ion:225 Resp: 385116  
Ion Ratio Lower Upper  
225 100  
223 61.3 51.4 77.0  
227 62.6 49.8 74.6



#35  
Caprolactam  
Concen: 27.569 ng  
RT: 8.522 min Scan# 1094  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:113 Resp: 119495  
Ion Ratio Lower Upper  
113 100  
55 189.6 176.3 216.3  
56 139.9 127.6 167.6

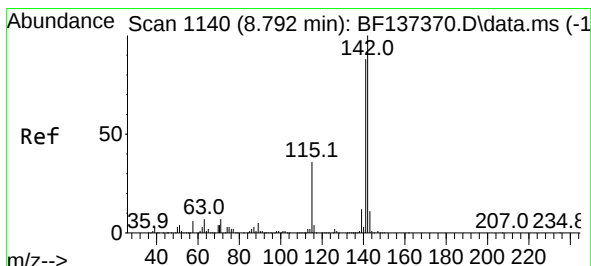
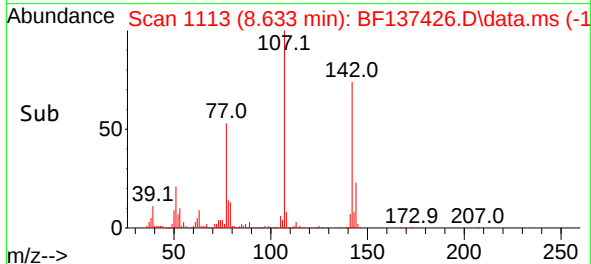
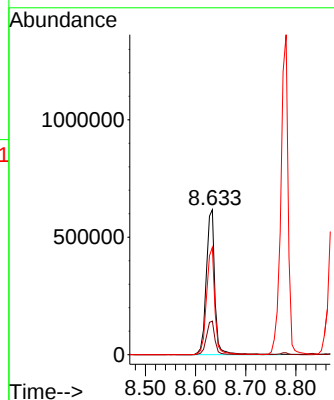
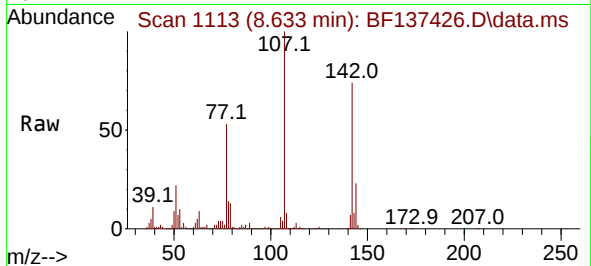




#36  
4-Chloro-3-methylphenol  
Concen: 45.933 ng  
RT: 8.633 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

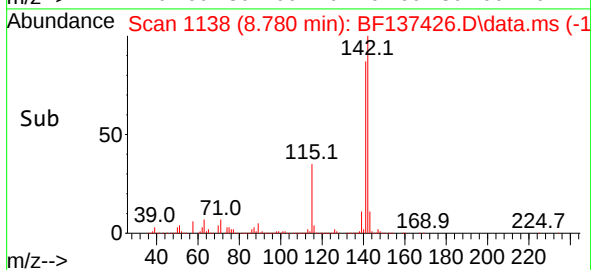
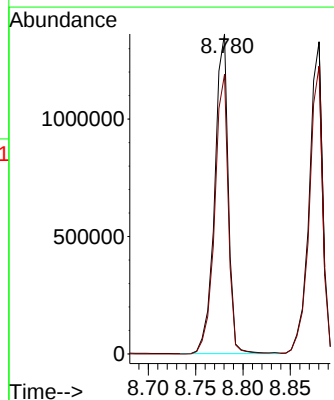
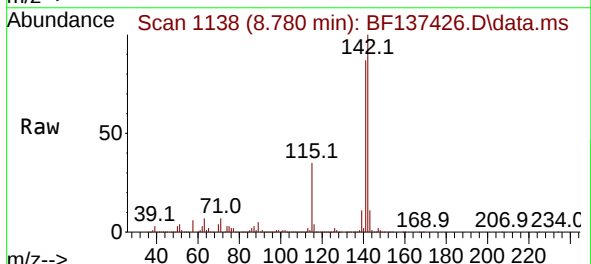
Instrument :  
BNA\_F  
ClientSampleId :

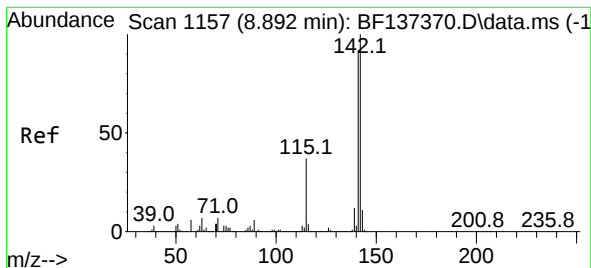
Tgt Ion:107 Resp: 729862  
Ion Ratio Lower Upper  
107 100  
144 23.2 18.9 28.3  
142 73.9 56.6 85.0



#37  
2-Methylnaphthalene  
Concen: 40.007 ng  
RT: 8.780 min Scan# 1138  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:142 Resp: 1358048  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.3 105.5





#38

1-Methylnaphthalene

Concen: 40.896 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

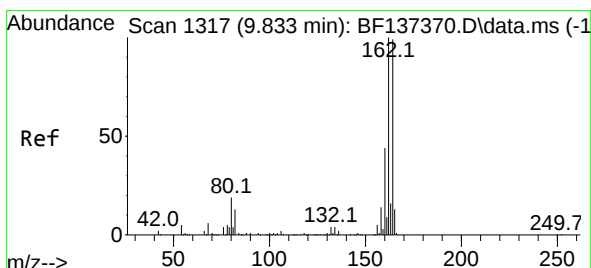
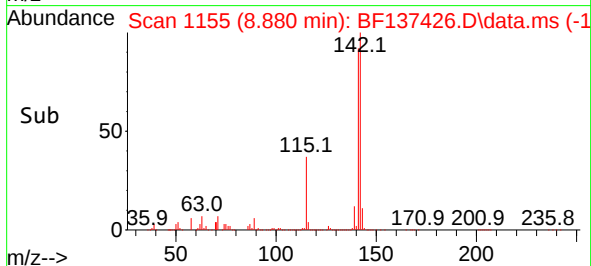
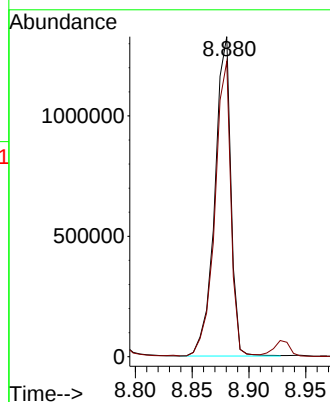
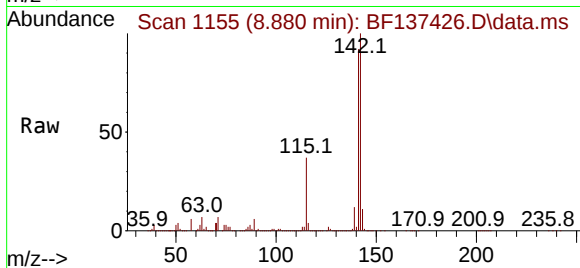
ClientSampleId :

Tgt Ion:142 Resp: 1312511

Ion Ratio Lower Upper

142 100

141 92.2 73.2 109.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

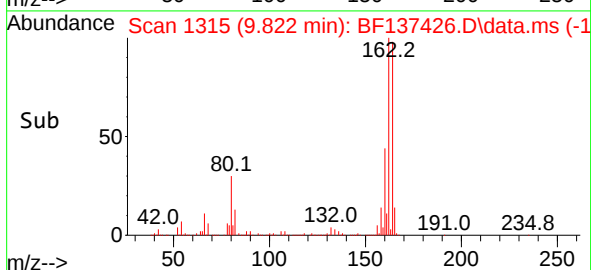
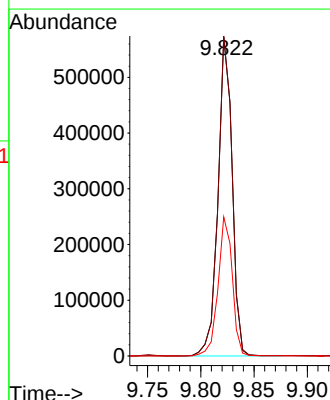
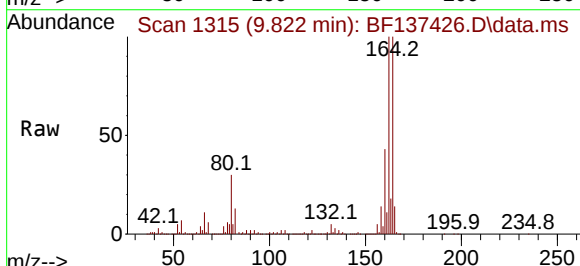
Tgt Ion:164 Resp: 528535

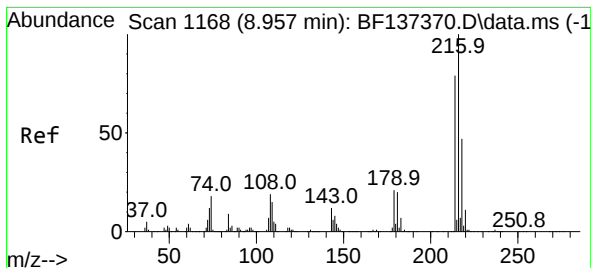
Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

160 43.6 35.7 53.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.515 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.012 min

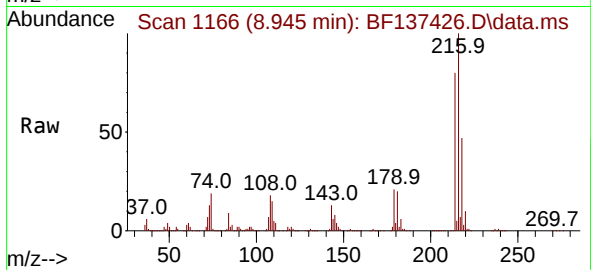
Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:216 Resp: 662579

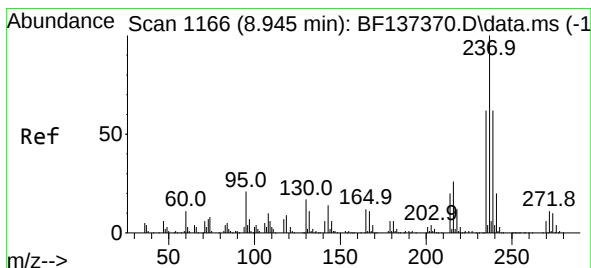
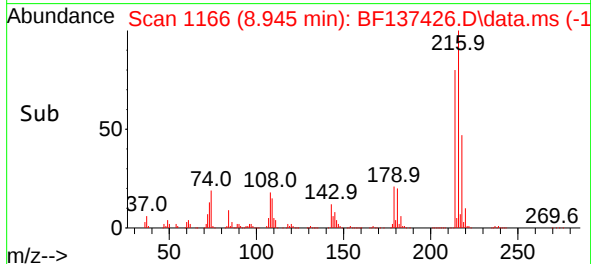
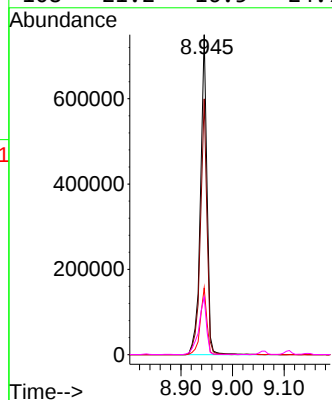
Ion Ratio Lower Upper

216 100

214 79.6 62.3 93.5

179 20.7 16.5 24.7

108 21.2 16.5 24.7



#41

Hexachlorocyclopentadiene

Concen: 81.441 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

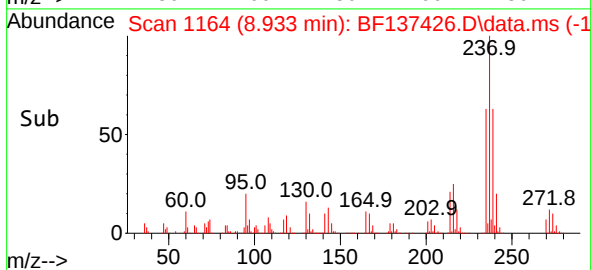
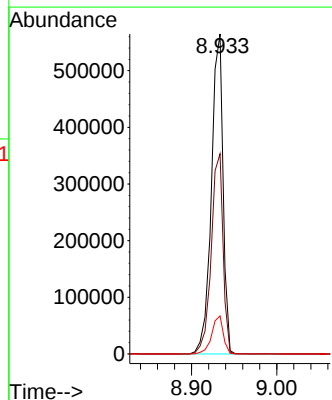
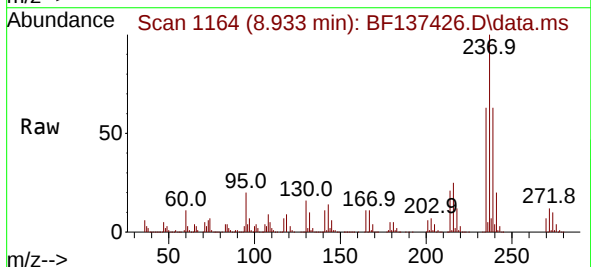
Tgt Ion:237 Resp: 537522

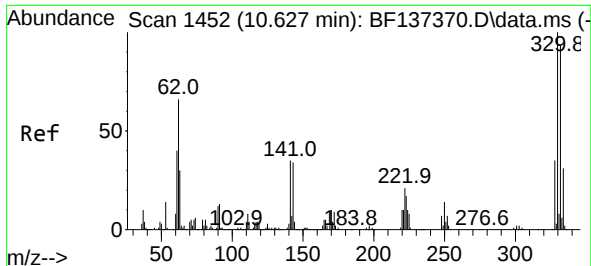
Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

272 11.9 0.0 31.3

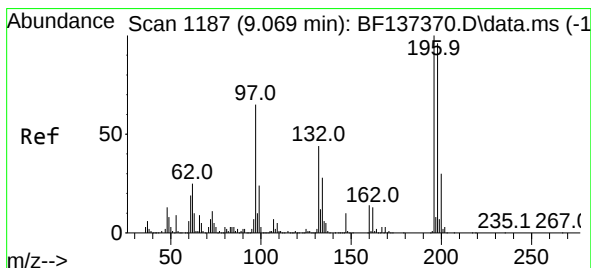
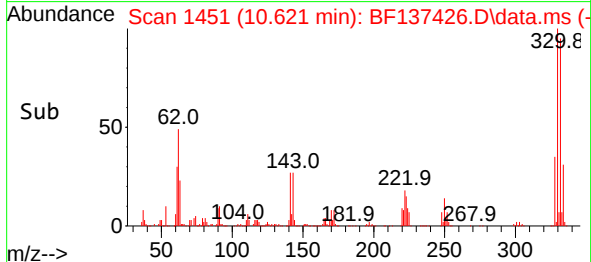
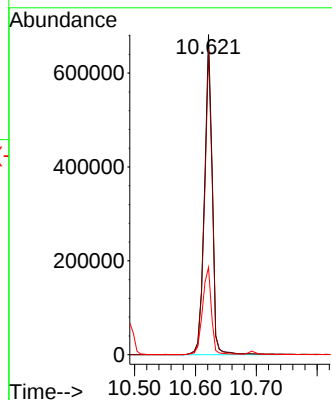
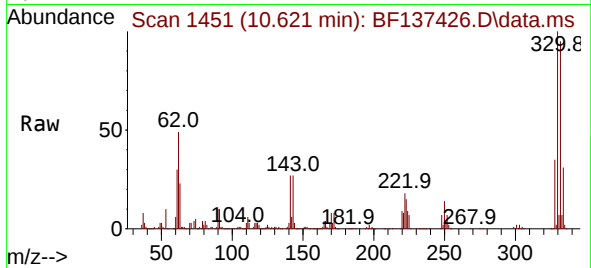




#42  
2,4,6-Tribromophenol  
Concen: 131.749 ng  
RT: 10.621 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

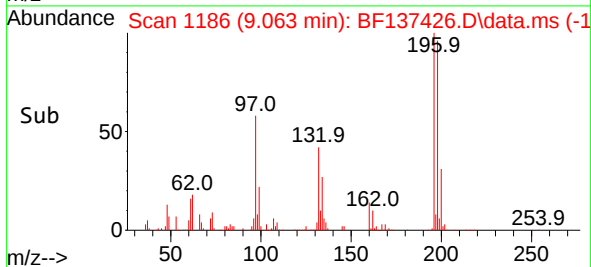
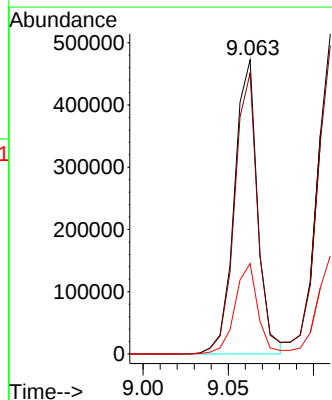
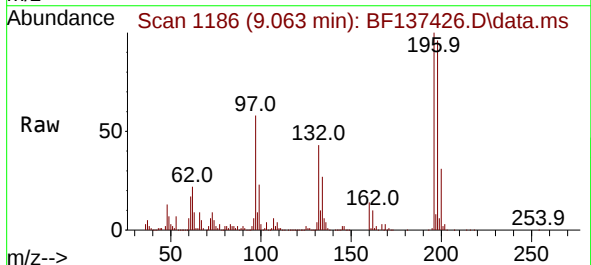
Instrument :  
BNA\_F  
ClientSampleId :

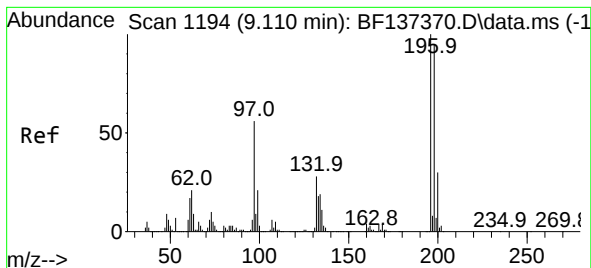
Tgt Ion:330 Resp: 606376  
Ion Ratio Lower Upper  
330 100  
332 95.5 75.6 113.4  
141 31.1 28.6 42.8



#43  
2,4,6-Trichlorophenol  
Concen: 47.439 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:196 Resp: 447764  
Ion Ratio Lower Upper  
196 100  
198 95.5 77.0 115.4  
200 30.7 24.3 36.5





#44

2,4,5-Trichlorophenol

Concen: 44.493 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

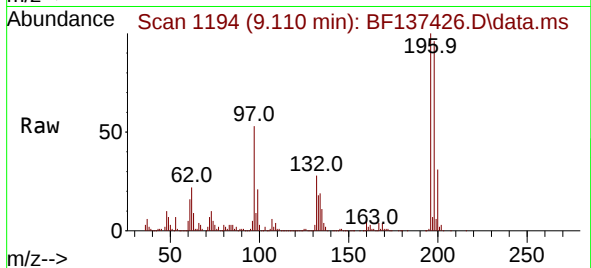
Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:196 Resp: 481801

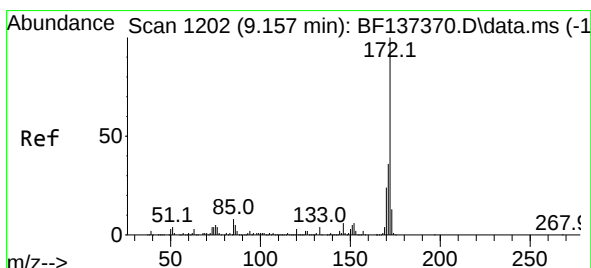
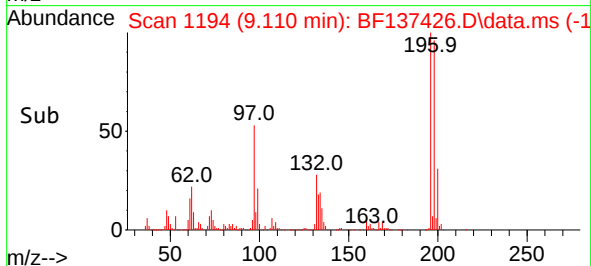
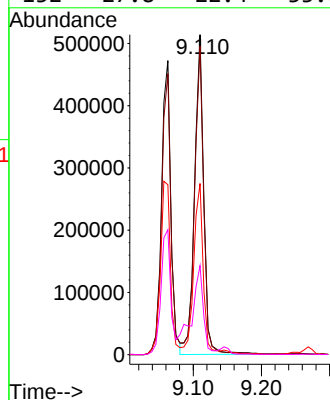
Ion Ratio Lower Upper

196 100

198 96.4 75.6 113.4

97 53.5 44.6 66.8

132 27.8 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 80.852 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

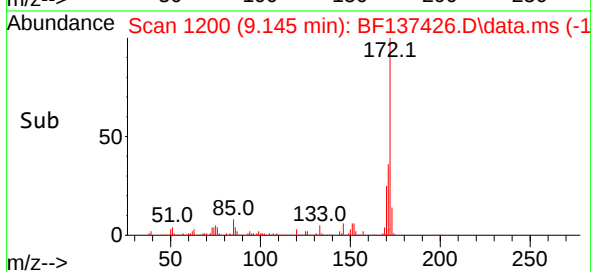
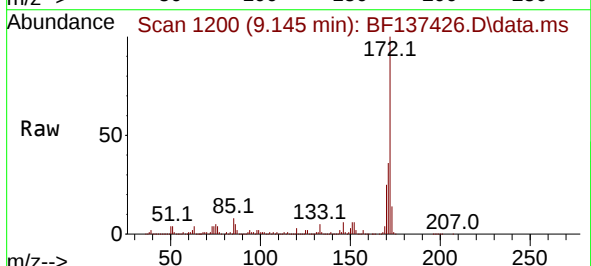
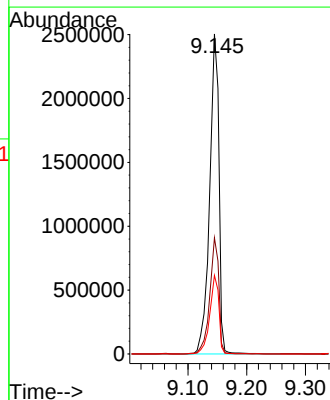
Tgt Ion:172 Resp: 2744850

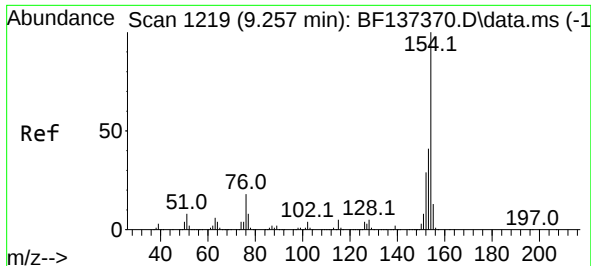
Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 24.6 19.5 29.3

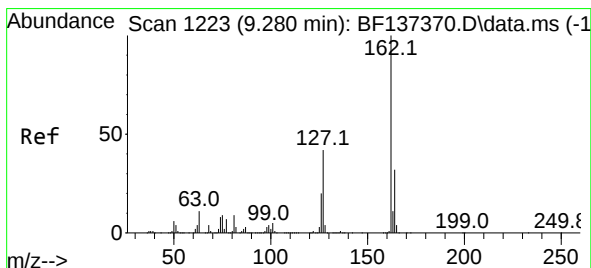
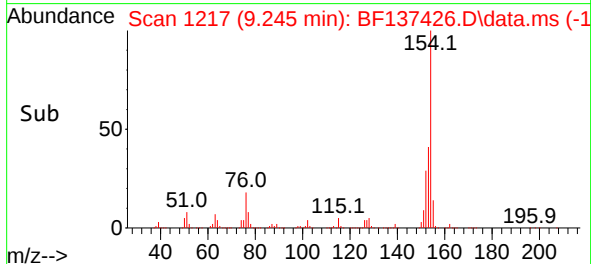
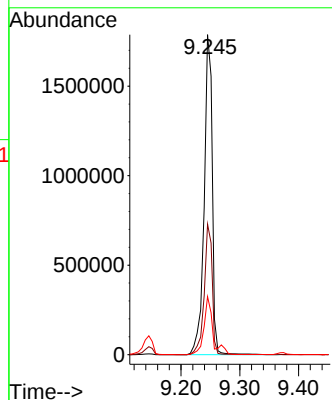
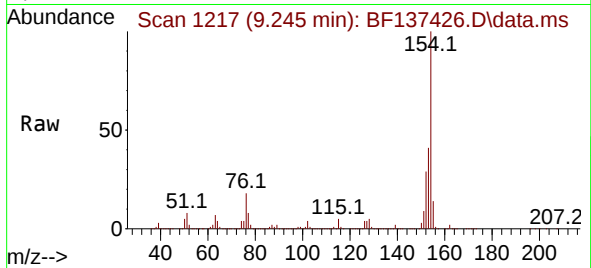




#46  
1,1'-Biphenyl  
Concen: 44.663 ng  
RT: 9.245 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

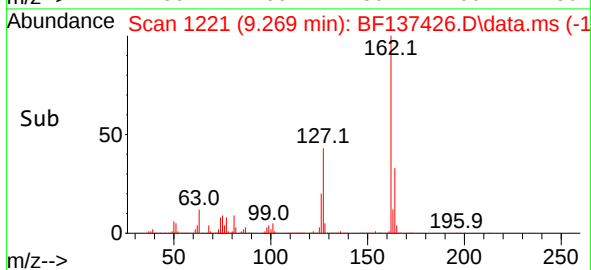
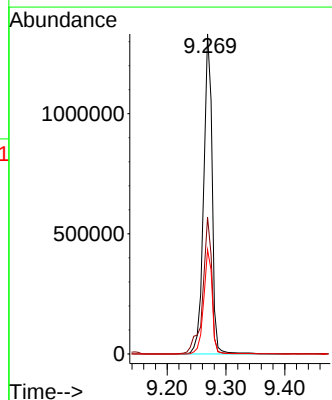
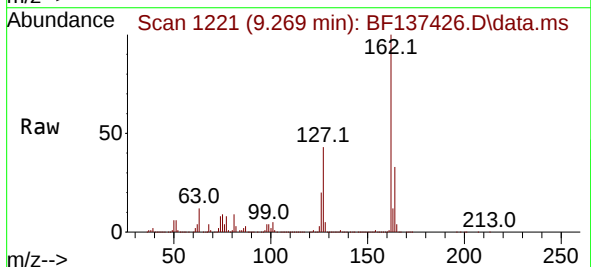
Instrument :  
BNA\_F  
ClientSampleId :

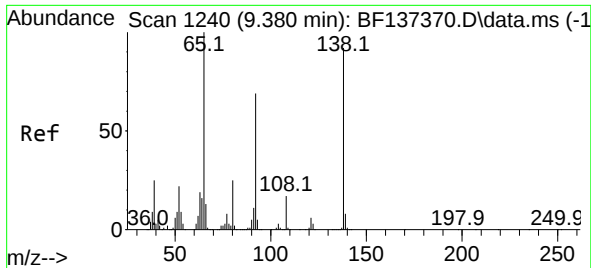
Tgt Ion:154 Resp: 1719295  
Ion Ratio Lower Upper  
154 100  
153 40.8 21.2 61.2  
76 18.2 0.0 37.9



#47  
2-Chloronaphthalene  
Concen: 45.792 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.011 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:162 Resp: 1331233  
Ion Ratio Lower Upper  
162 100  
127 42.7 33.6 50.4  
164 32.5 25.9 38.9

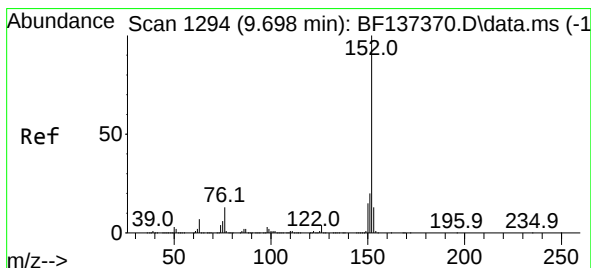
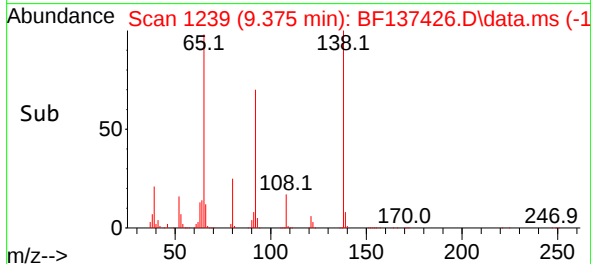
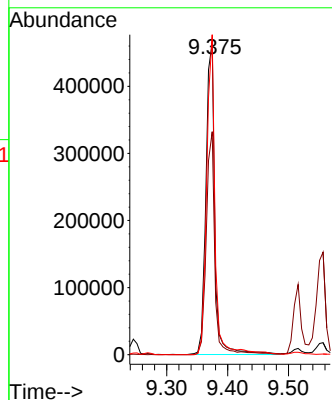
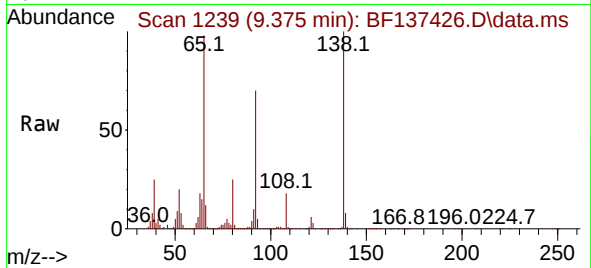




#48  
2-Nitroaniline  
Concen: 52.750 ng  
RT: 9.375 min Scan# 1239  
Delta R.T. -0.005 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

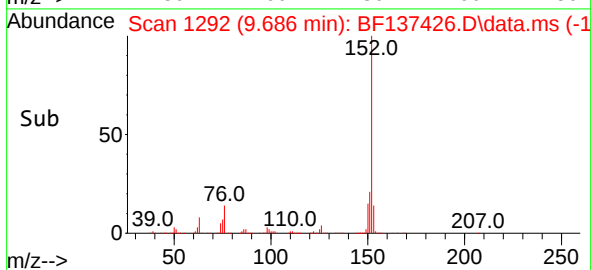
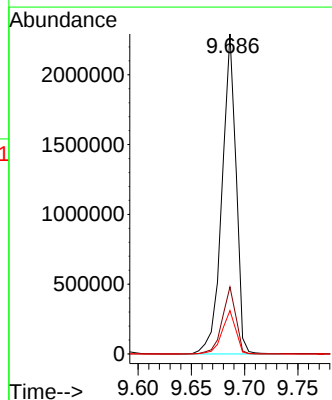
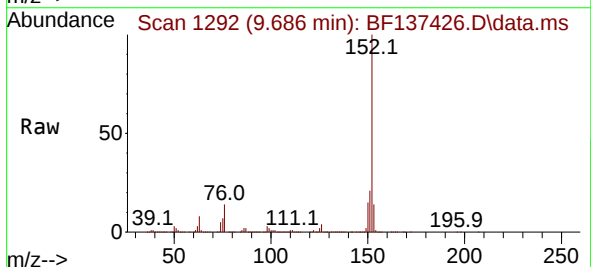
Instrument :  
BNA\_F  
ClientSampleId :

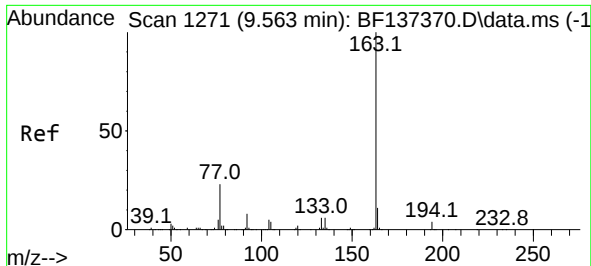
Tgt Ion: 65 Resp: 469821  
Ion Ratio Lower Upper  
65 100  
92 71.4 55.0 82.6  
138 102.4 73.7 110.5



#49  
Acenaphthylene  
Concen: 44.375 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion: 152 Resp: 2095971  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.2 24.4  
153 13.6 10.6 15.8

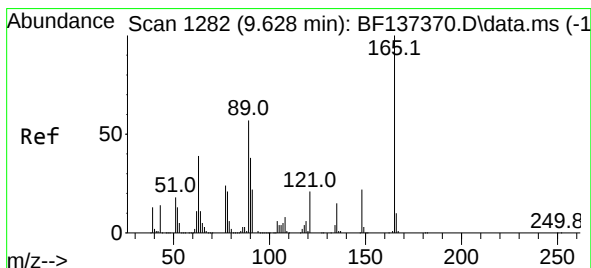
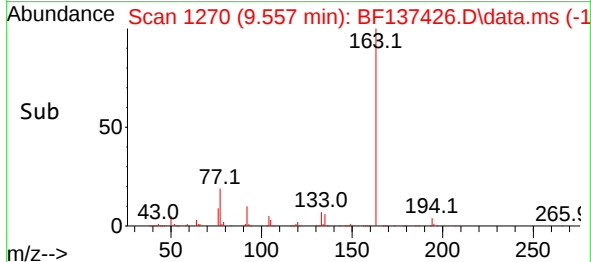
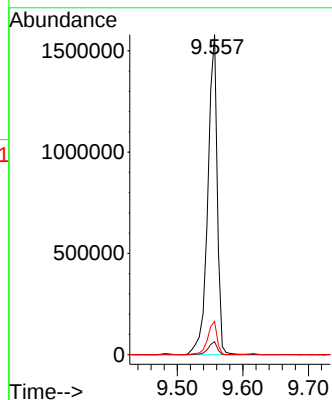
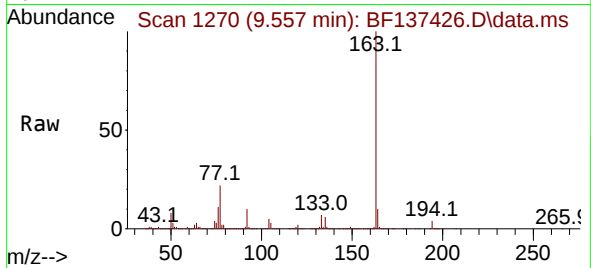




#50  
Dimethylphthalate  
Concen: 43.251 ng  
RT: 9.557 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

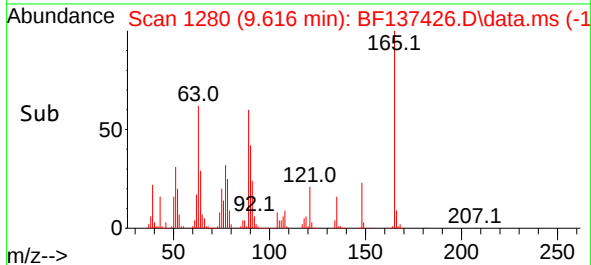
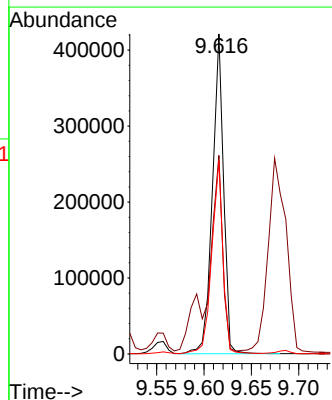
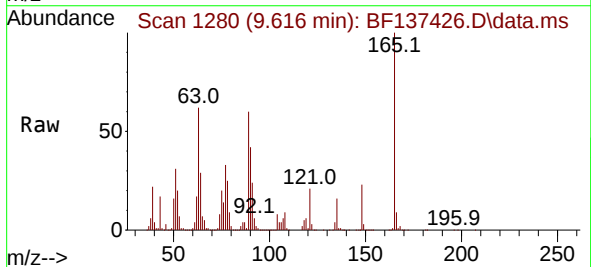
Instrument :  
BNA\_F  
ClientSampleId :

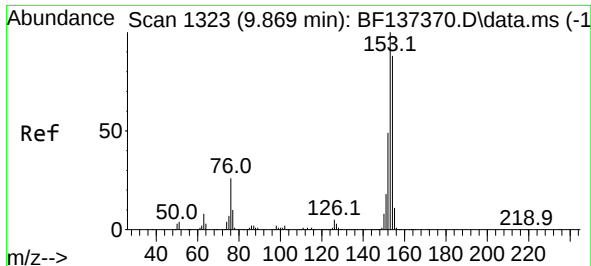
Tgt Ion:163 Resp: 1579570  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.4  
164 10.4 8.5 12.7



#51  
2,6-Dinitrotoluene  
Concen: 50.741 ng  
RT: 9.616 min Scan# 1280  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

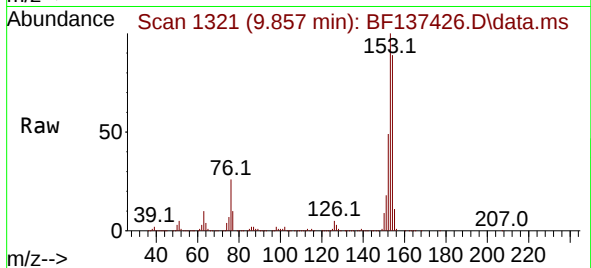
Tgt Ion:165 Resp: 344754  
Ion Ratio Lower Upper  
165 100  
63 62.1 41.6 62.4  
89 60.4 45.8 68.6





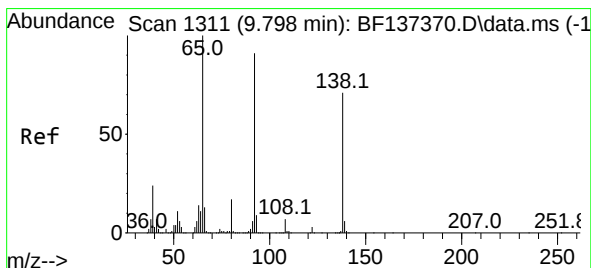
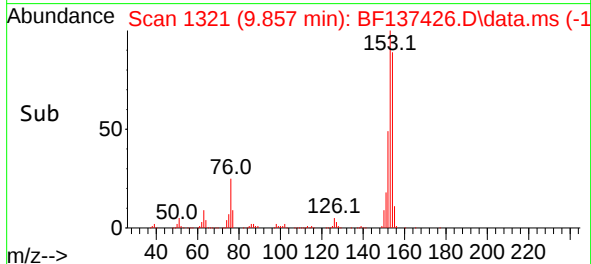
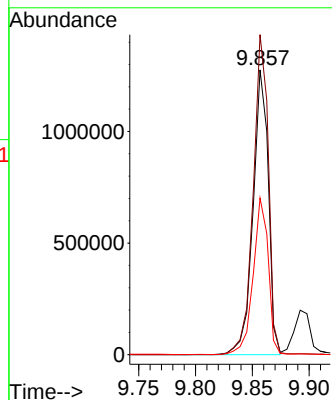
#52  
Acenaphthene  
Concen: 42.326 ng  
RT: 9.857 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:154 Resp: 1193372

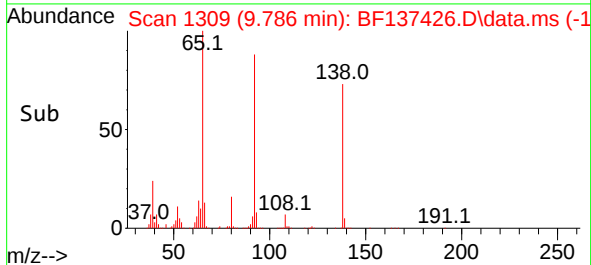
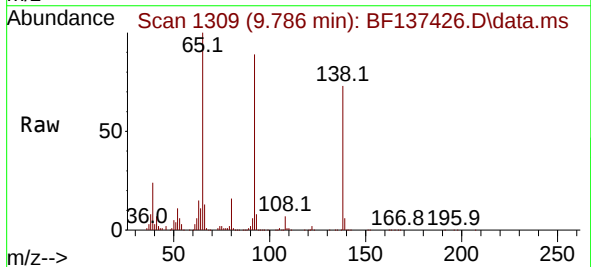
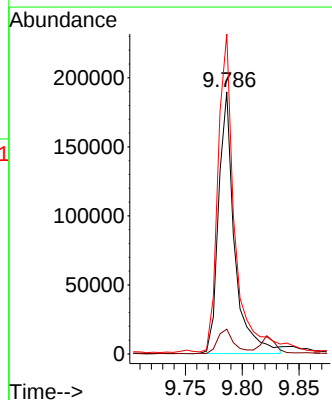
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 112.4 | 90.6  | 135.8 |
| 152 | 55.0  | 44.1  | 66.1  |

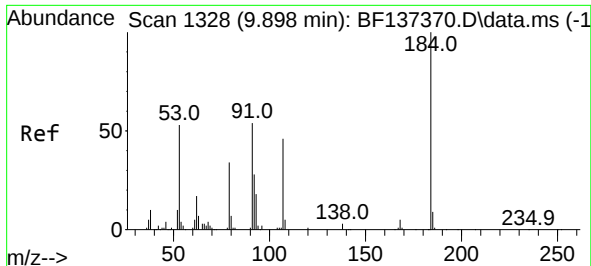


#53  
3-Nitroaniline  
Concen: 25.069 ng  
RT: 9.786 min Scan# 1309  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:138 Resp: 185419

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 9.5   | 8.2   | 12.2  |
| 92  | 122.1 | 102.2 | 153.2 |

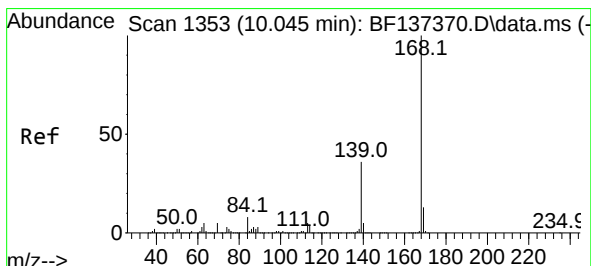
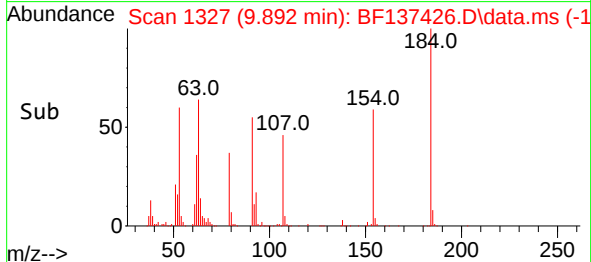
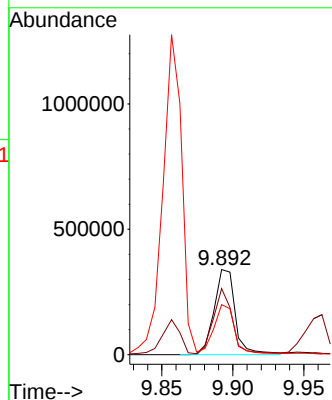
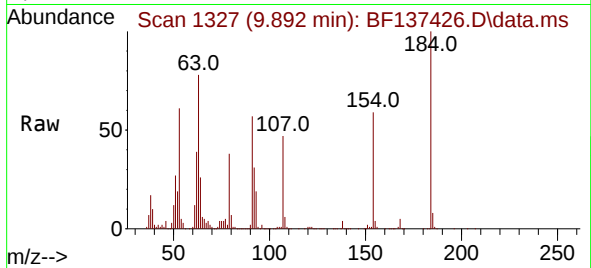




#54  
2,4-Dinitrophenol  
Concen: 102.387 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

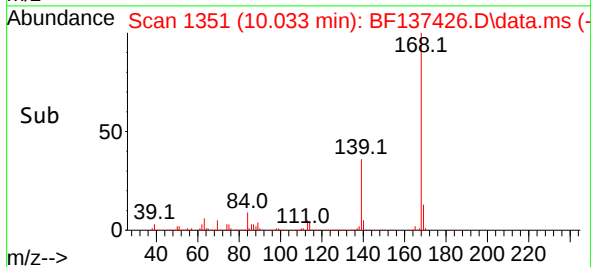
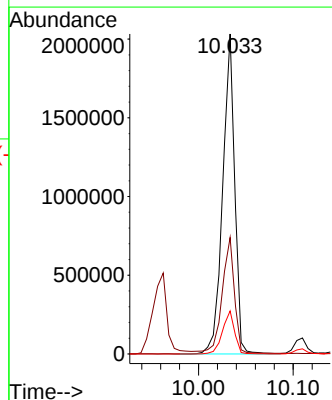
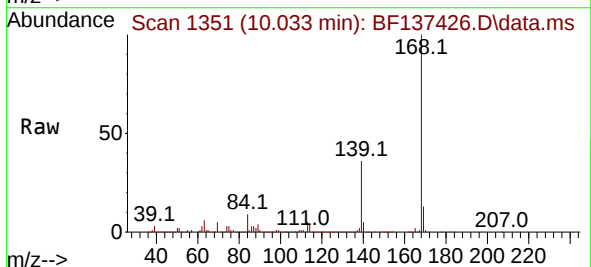
Instrument :  
BNA\_F  
ClientSampleId :

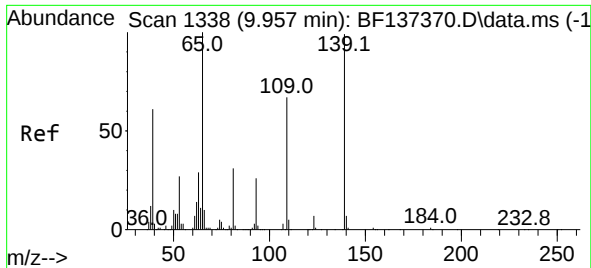
Tgt Ion:184 Resp: 352034  
Ion Ratio Lower Upper  
184 100  
63 77.7 55.9 83.9  
154 58.8 47.6 71.4



#55  
Dibenzofuran  
Concen: 41.234 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:168 Resp: 1796864  
Ion Ratio Lower Upper  
168 100  
139 36.4 28.9 43.3  
169 13.5 10.8 16.2

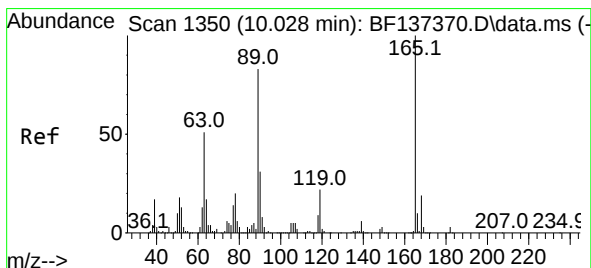
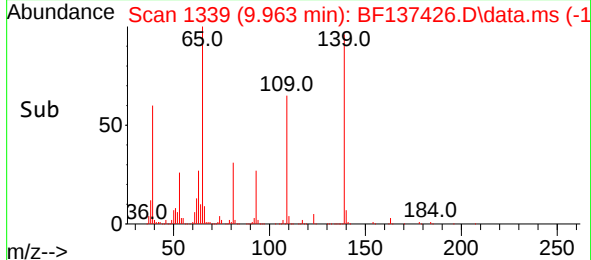
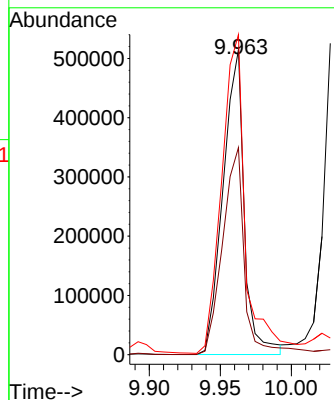
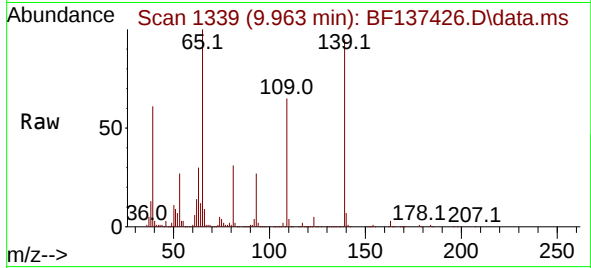




#56  
4-Nitrophenol  
Concen: 92.039 ng  
RT: 9.963 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

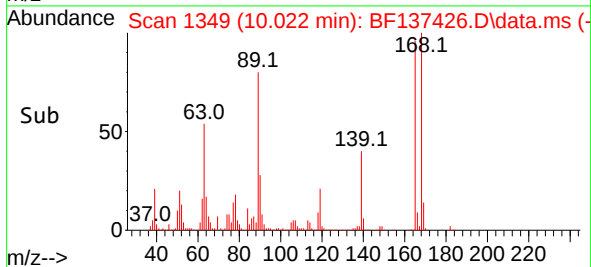
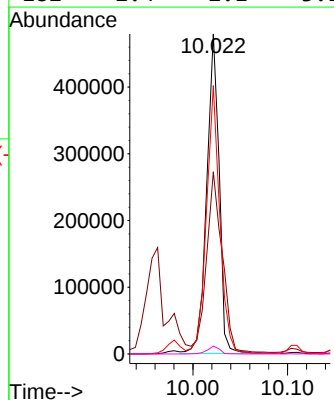
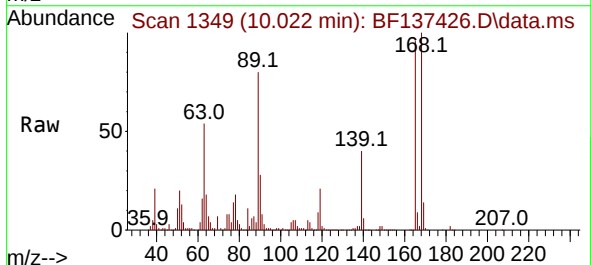
Instrument :  
BNA\_F  
ClientSampleId :

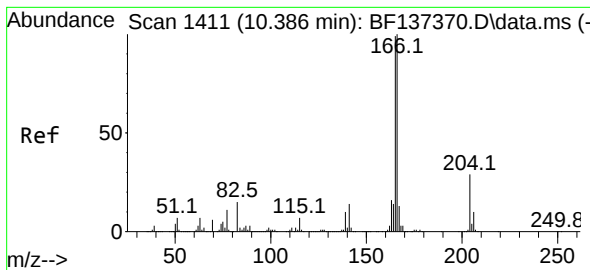
Tgt Ion:139 Resp: 534141  
Ion Ratio Lower Upper  
139 100  
109 67.9 48.0 88.0  
65 104.9 82.2 122.2



#57  
2,4-Dinitrotoluene  
Concen: 50.542 ng  
RT: 10.022 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:165 Resp: 434656  
Ion Ratio Lower Upper  
165 100  
63 57.0 41.1 61.7  
89 83.8 66.6 100.0  
182 2.4 2.1 3.1





#58

Fluorene

Concen: 41.386 ng

RT: 10.374 min Scan# 1411

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

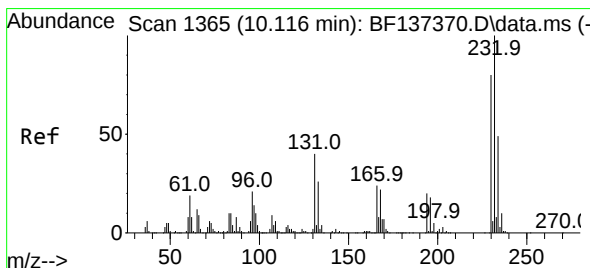
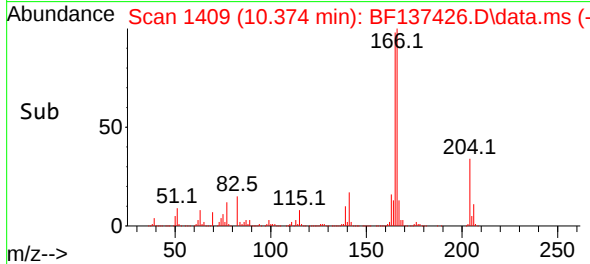
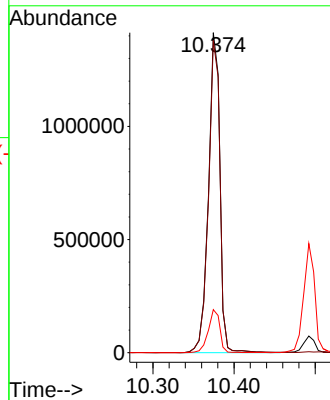
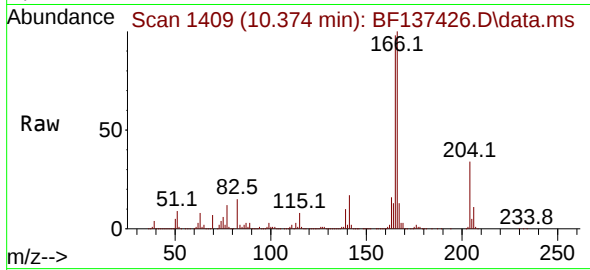
Tgt Ion:166 Resp: 1377280

Ion Ratio Lower Upper

166 100

165 97.6 78.8 118.2

167 13.5 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 44.402 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.047 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Tgt Ion:232 Resp: 398158

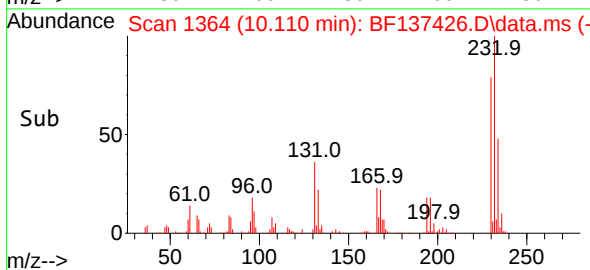
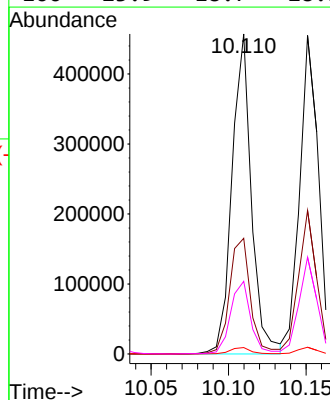
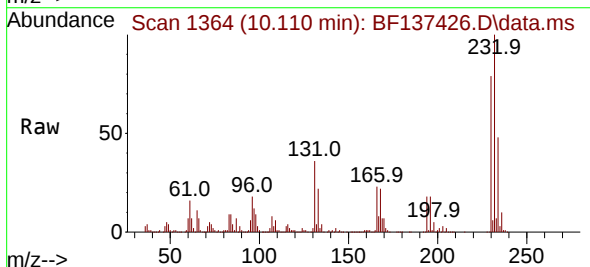
Ion Ratio Lower Upper

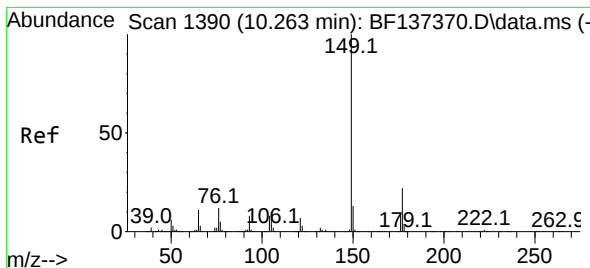
232 100

131 39.5 31.1 46.7

130 2.2 1.8 2.6

166 23.9 18.7 28.1





#60

Diethylphthalate

Concen: 43.485 ng

RT: 10.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

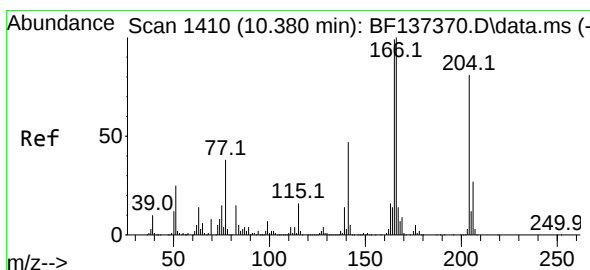
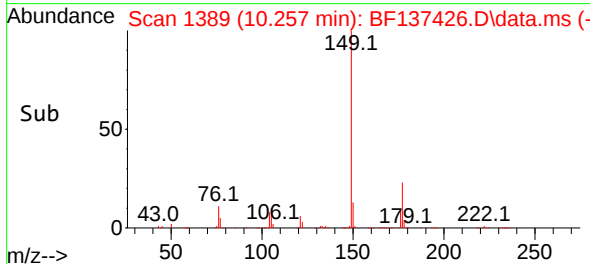
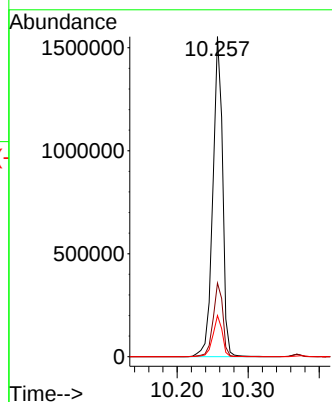
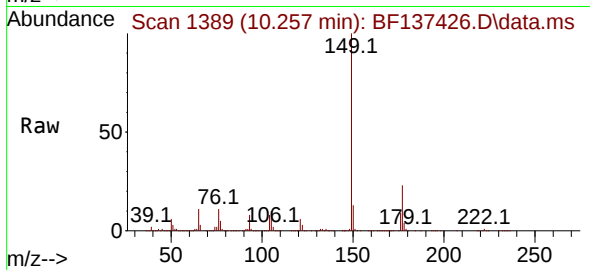
Tgt Ion:149 Resp: 1482731

Ion Ratio Lower Upper

149 100

177 23.0 18.0 27.0

150 12.9 10.2 15.2



#61

4-Chlorophenyl-phenylether

Concen: 39.985 ng

RT: 10.369 min Scan# 1408

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

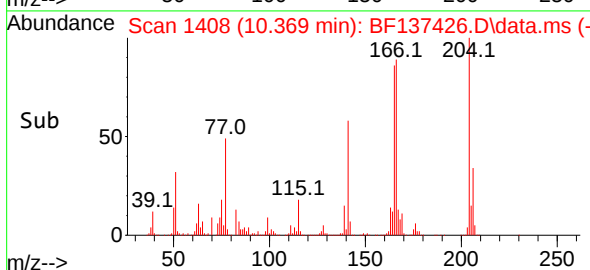
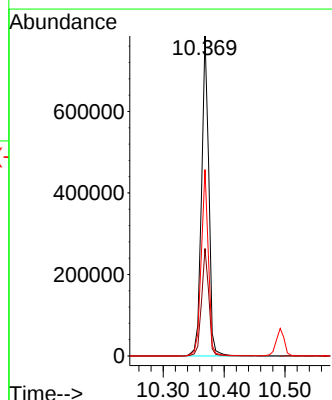
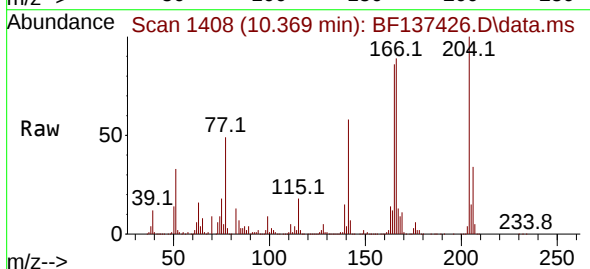
Tgt Ion:204 Resp: 654563

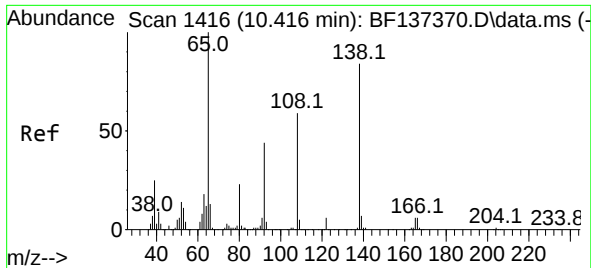
Ion Ratio Lower Upper

204 100

206 33.6 26.8 40.2

141 58.3 46.4 69.6

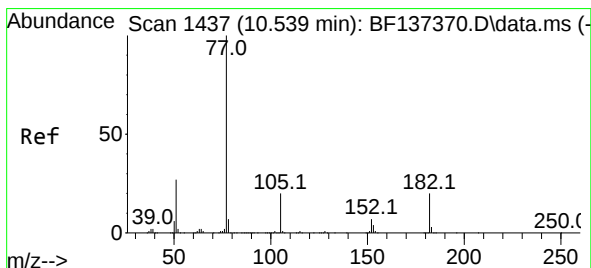
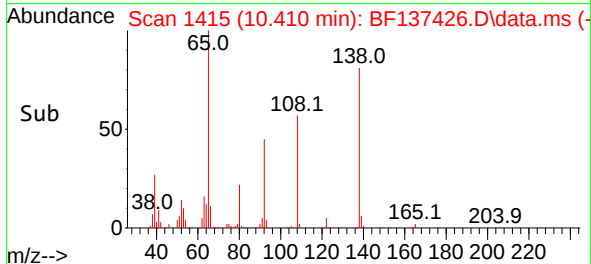
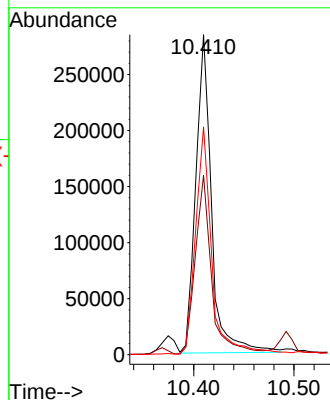
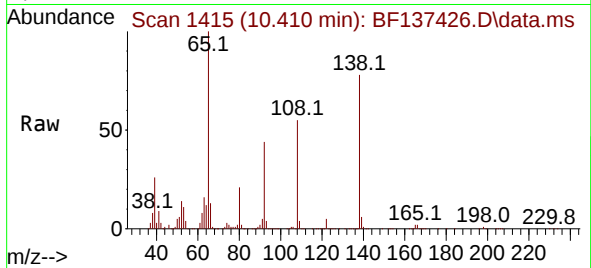




#62  
4-Nitroaniline  
Concen: 43.419 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

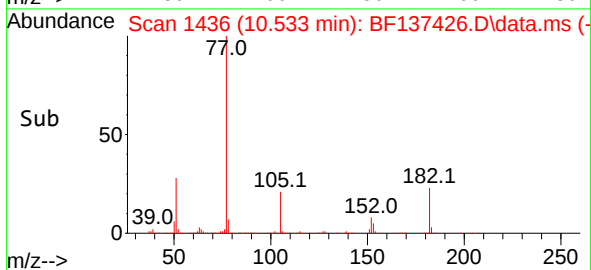
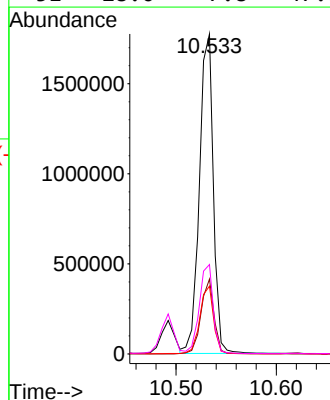
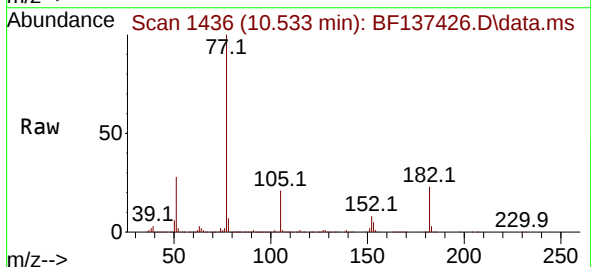
Instrument :  
BNA\_F  
ClientSampleId :

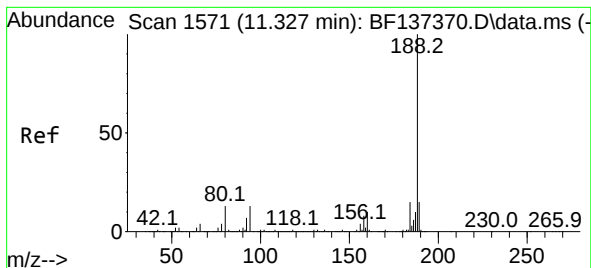
Tgt Ion:138 Resp: 309138  
Ion Ratio Lower Upper  
138 100  
92 56.1 33.4 73.4  
108 71.2 50.4 90.4



#63  
Azobenzene  
Concen: 42.027 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion: 77 Resp: 1714553  
Ion Ratio Lower Upper  
77 100  
182 23.4 0.0 39.6  
105 21.2 0.4 40.4  
51 28.0 7.8 47.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

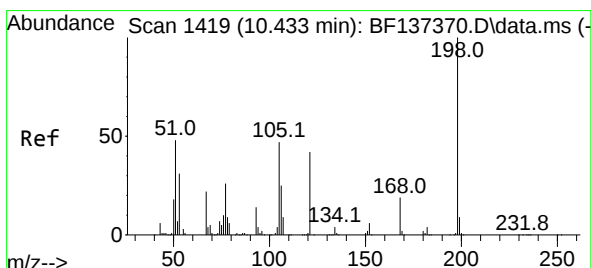
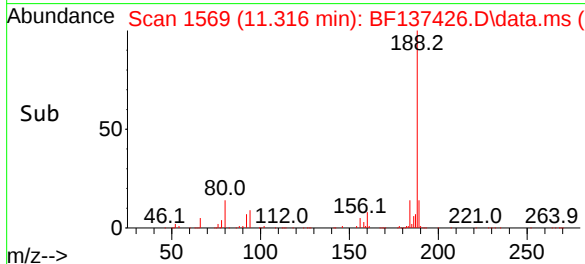
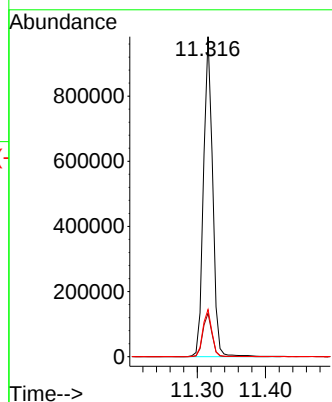
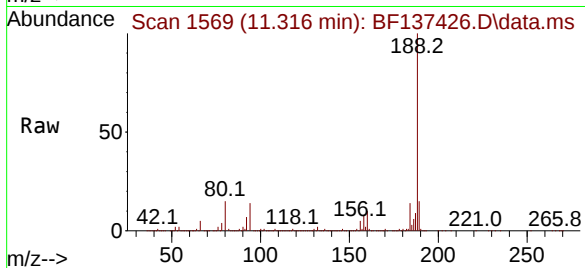
Tgt Ion:188 Resp: 918778

Ion Ratio Lower Upper

188 100

94 13.5 10.2 15.2

80 14.7 10.7 16.1



#65

4,6-Dinitro-2-methylphenol

Concen: 51.348 ng

RT: 10.433 min Scan# 1419

Delta R.T. 0.000 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

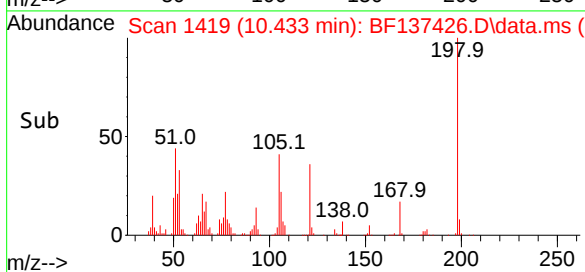
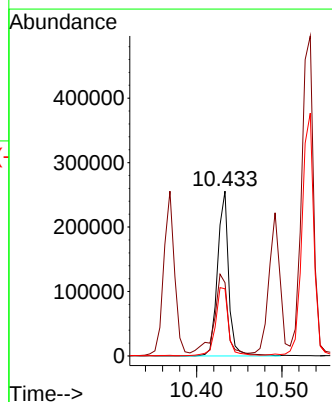
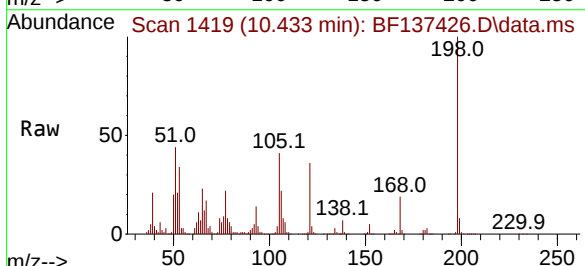
Tgt Ion:198 Resp: 232247

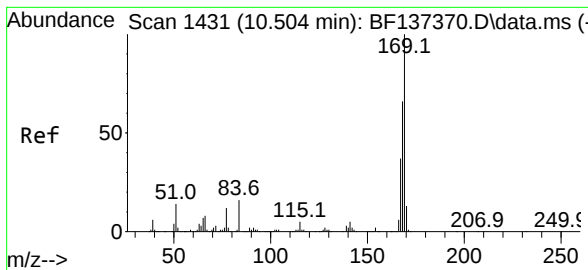
Ion Ratio Lower Upper

198 100

51 44.5 36.8 76.8

105 40.8 28.5 68.5

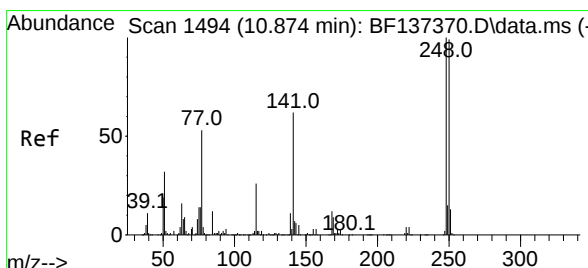
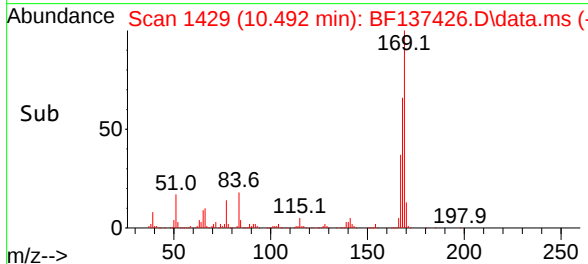
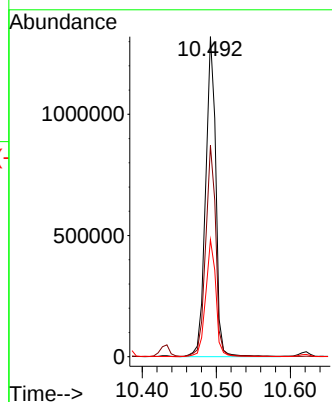
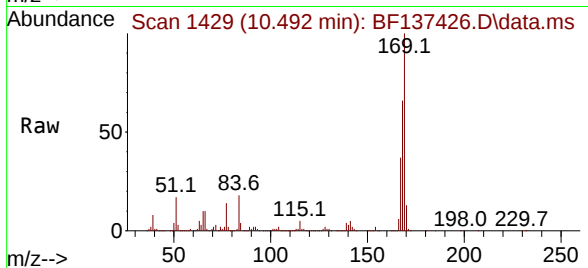




#66  
n-Nitrosodiphenylamine  
Concen: 42.340 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

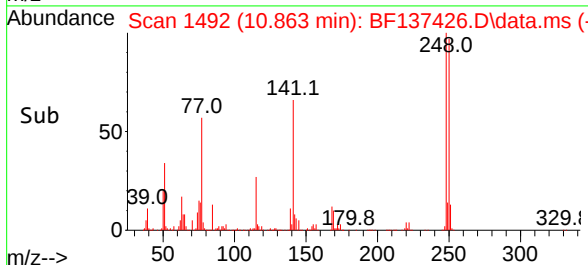
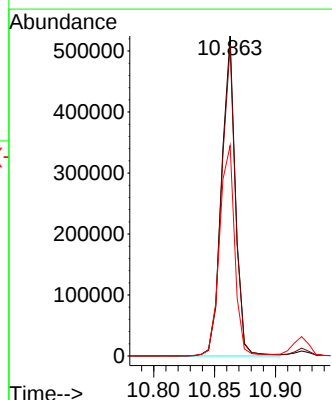
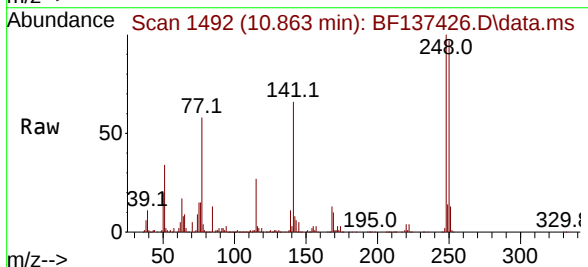
Instrument :  
BNA\_F  
ClientSampleId :

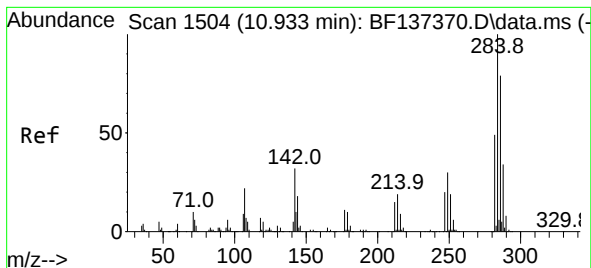
Tgt Ion:169 Resp: 1263401  
Ion Ratio Lower Upper  
169 100  
168 66.0 53.0 79.4  
167 36.5 29.2 43.8



#67  
4-Bromophenyl-phenylether  
Concen: 42.298 ng  
RT: 10.863 min Scan# 1492  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:248 Resp: 417789  
Ion Ratio Lower Upper  
248 100  
250 97.0 79.0 118.6  
141 65.8 49.9 74.9





#68

Hexachlorobenzene

Concen: 44.319 ng

RT: 10.921 min Scan# 1502

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

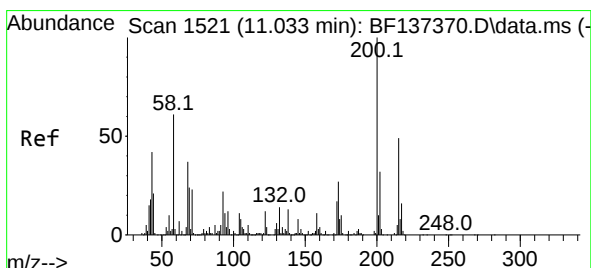
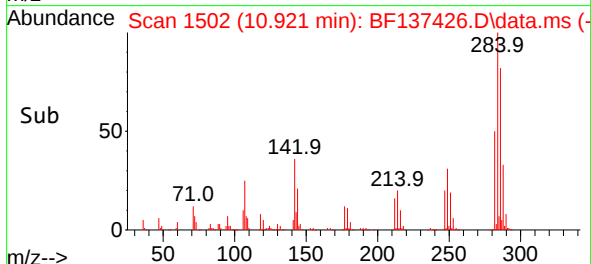
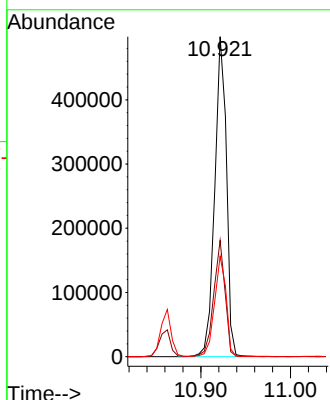
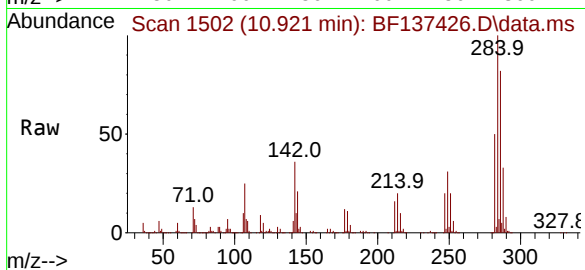
Tgt Ion:284 Resp: 452837

Ion Ratio Lower Upper

284 100

142 36.3 25.4 38.0

249 31.4 24.2 36.4



#69

Atrazine

Concen: 50.912 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

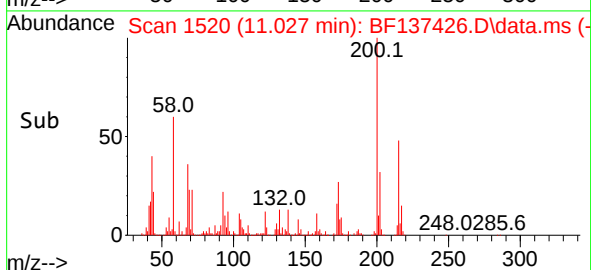
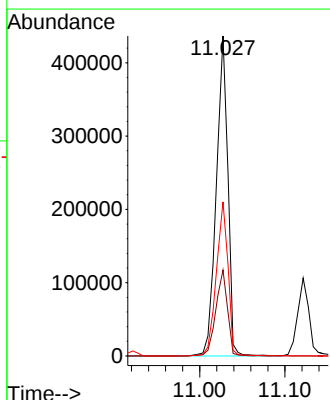
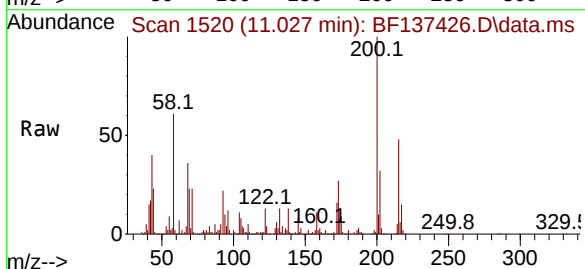
Tgt Ion:200 Resp: 409984

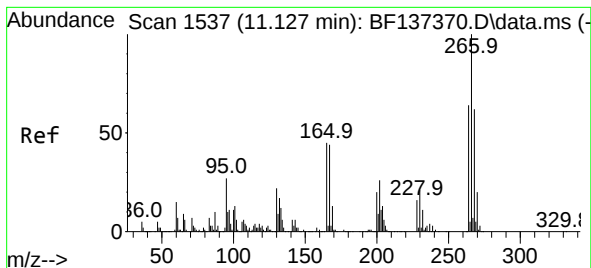
Ion Ratio Lower Upper

200 100

173 26.8 6.8 46.8

215 48.2 29.4 69.4





#70

Pentachlorophenol

Concen: 82.359 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

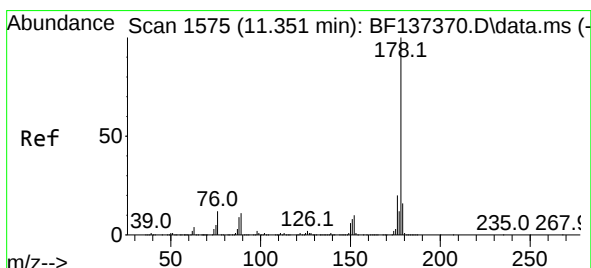
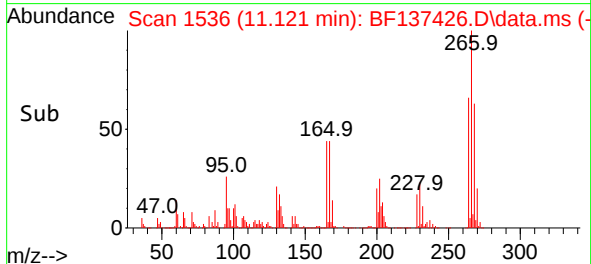
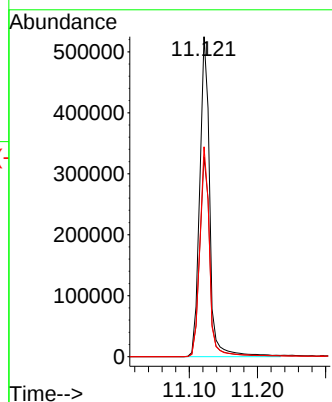
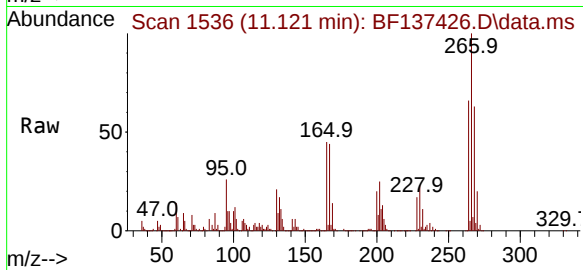
Tgt Ion:266 Resp: 533166

Ion Ratio Lower Upper

266 100

268 62.5 49.4 74.2

264 65.6 51.3 76.9



#71

Phenanthrene

Concen: 41.889 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

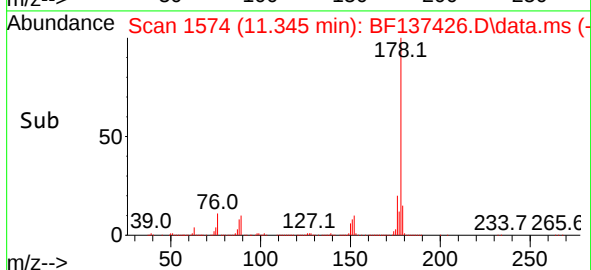
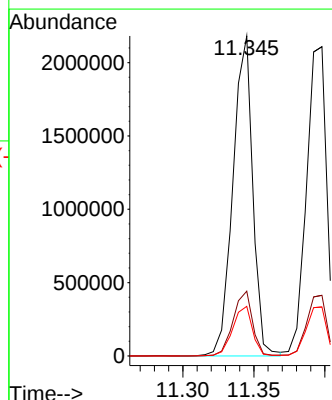
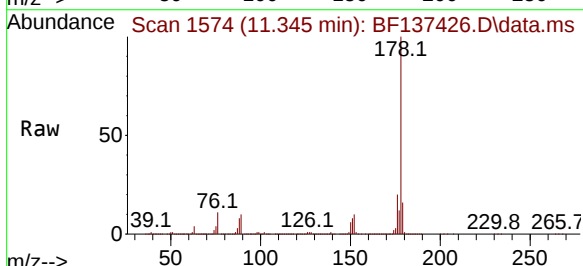
Tgt Ion:178 Resp: 2123383

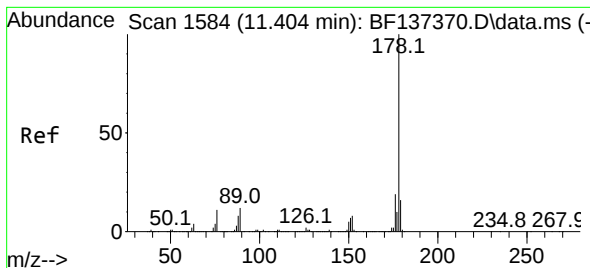
Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

179 15.5 12.7 19.1





#72

Anthracene

Concen: 41.275 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

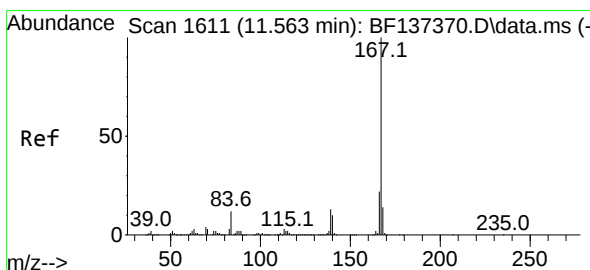
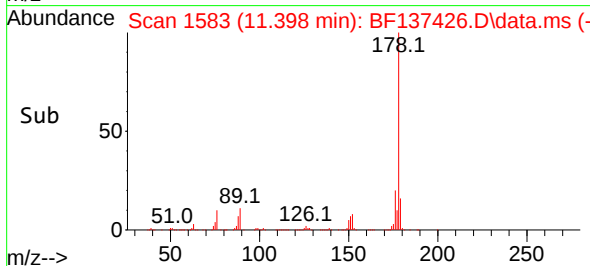
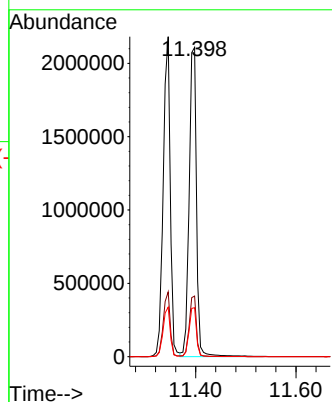
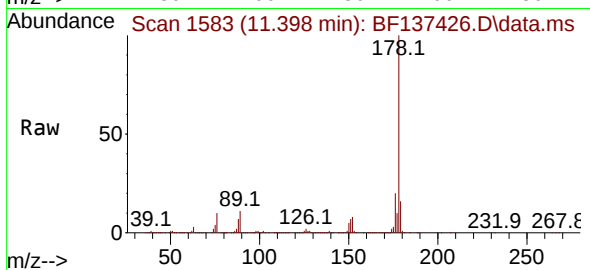
Tgt Ion:178 Resp: 2156165

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.8 12.6 18.8



#73

Carbazole

Concen: 43.931 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

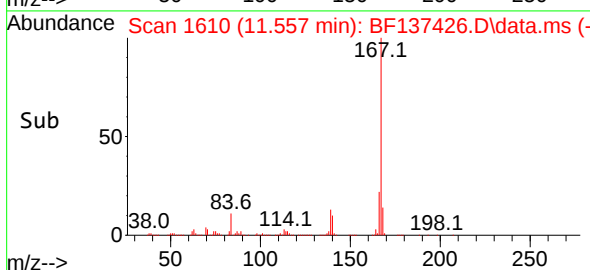
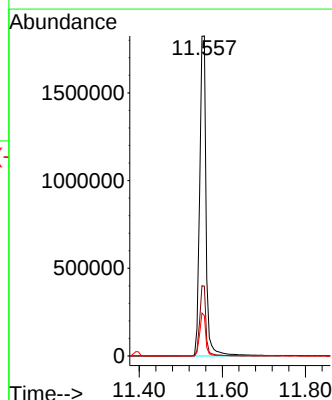
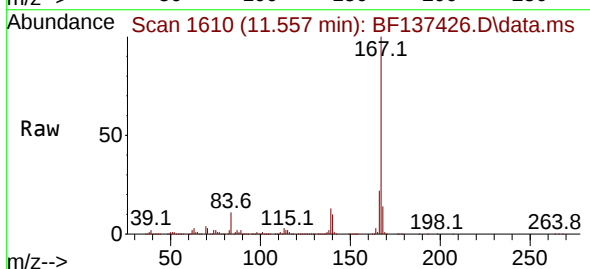
Tgt Ion:167 Resp: 1960761

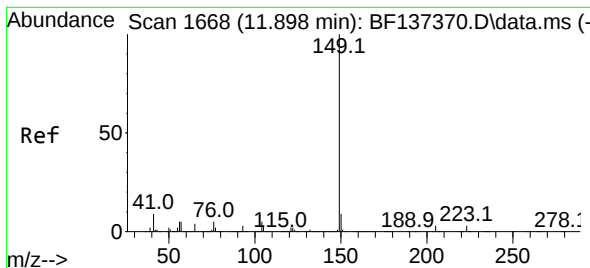
Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

139 12.6 10.0 15.0





#74

Di-n-butylphthalate

Concen: 49.711 ng

RT: 11.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

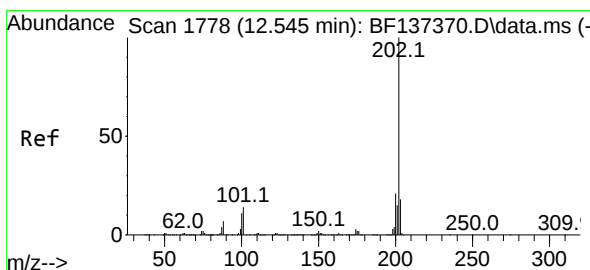
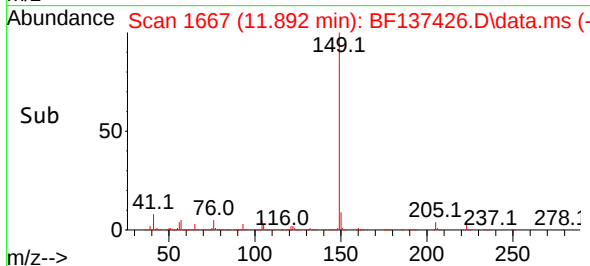
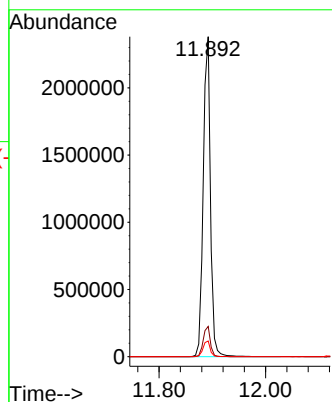
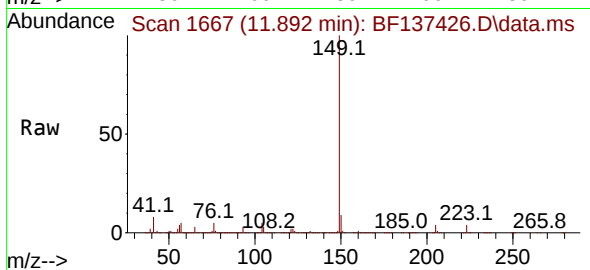
Tgt Ion:149 Resp: 2220091

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.2 6.2



#75

Fluoranthene

Concen: 43.026 ng

RT: 12.539 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

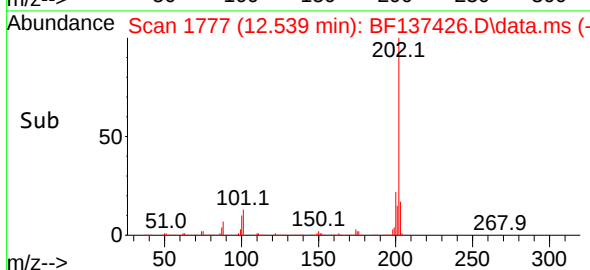
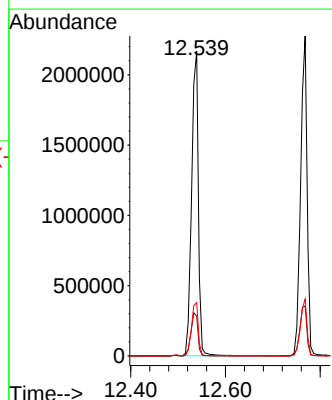
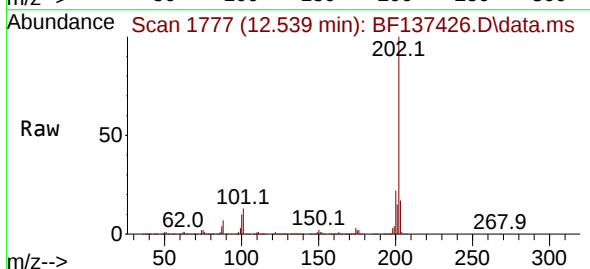
Tgt Ion:202 Resp: 2128942

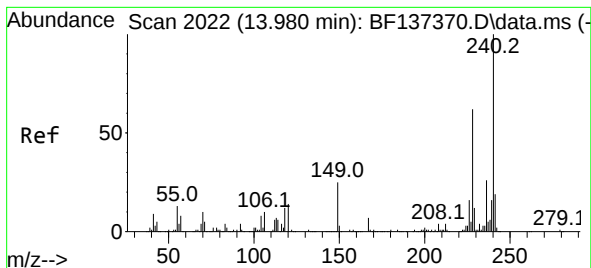
Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.9

203 17.5 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

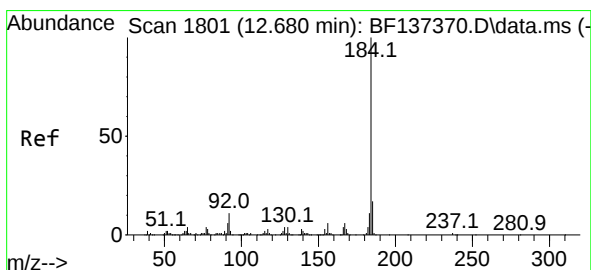
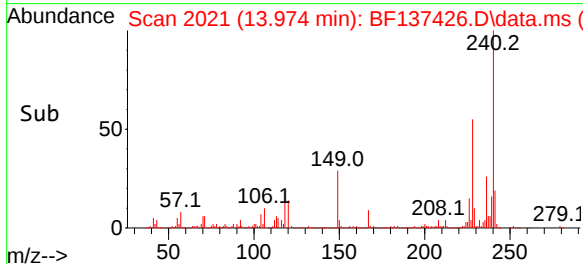
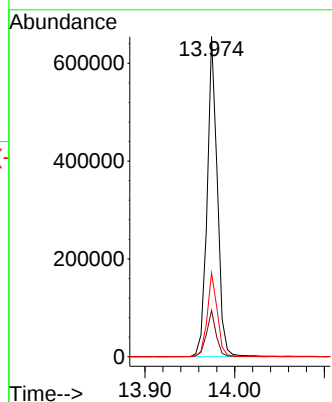
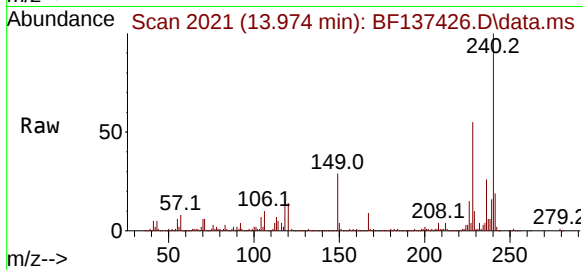
Tgt Ion:240 Resp: 515433

Ion Ratio Lower Upper

240 100

120 14.4 11.3 16.9

236 26.2 20.5 30.7



#77

Benzidine

Concen: 34.423 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

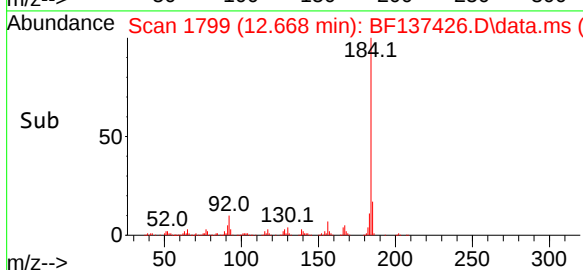
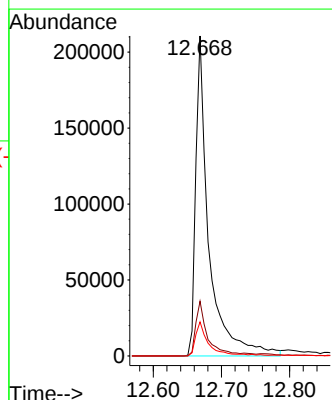
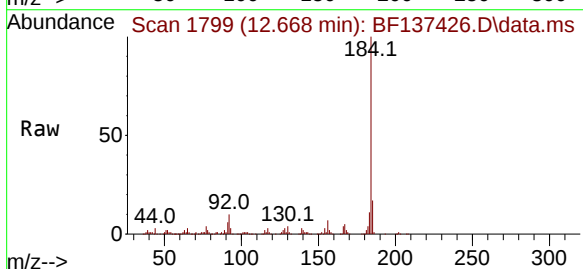
Tgt Ion:184 Resp: 282776

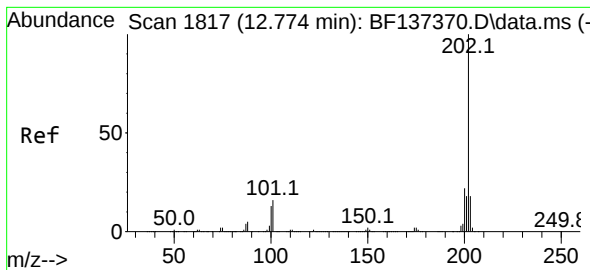
Ion Ratio Lower Upper

184 100

185 17.1 13.7 20.5

183 10.7 8.8 13.2





#78

Pyrene

Concen: 44.655 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

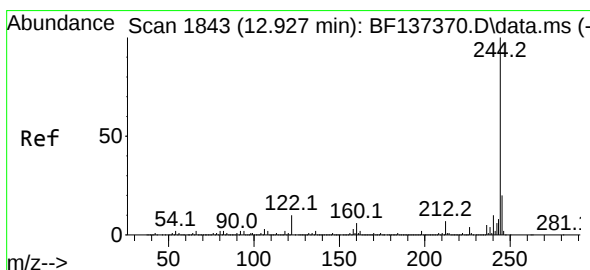
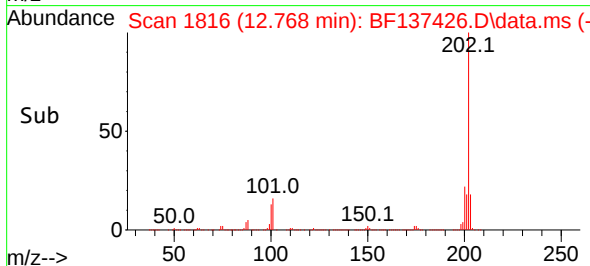
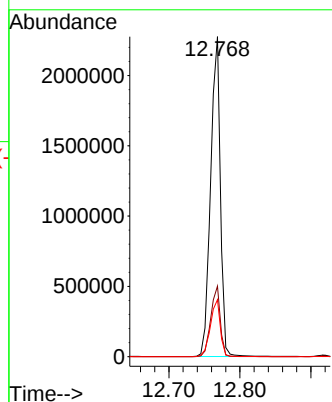
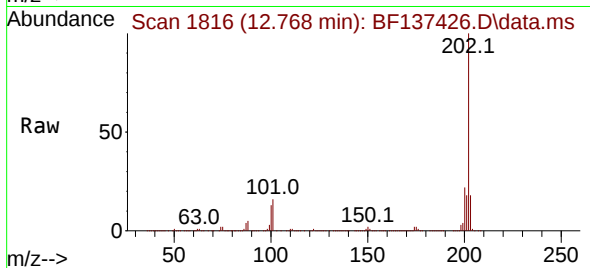
Tgt Ion:202 Resp: 2176383

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 83.816 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

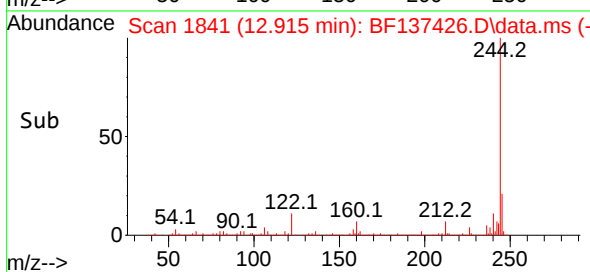
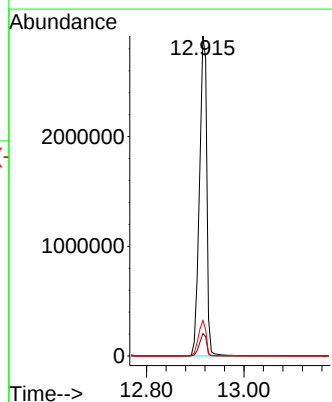
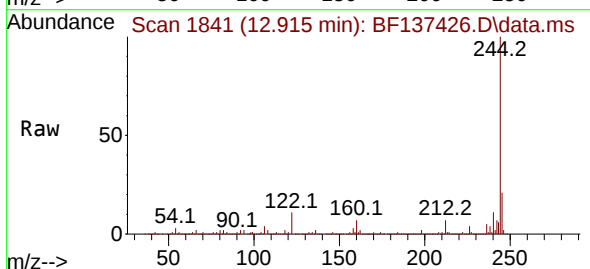
Tgt Ion:244 Resp: 3088714

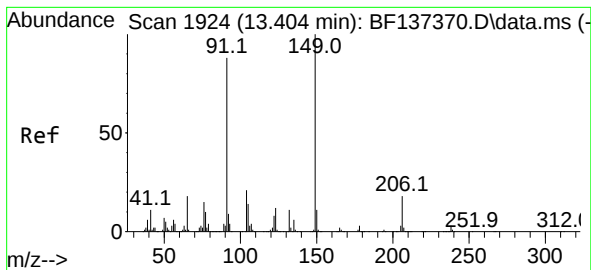
Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

122 11.1 8.2 12.4





#80

Butylbenzylphthalate

Concen: 71.007 ng

RT: 13.398 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

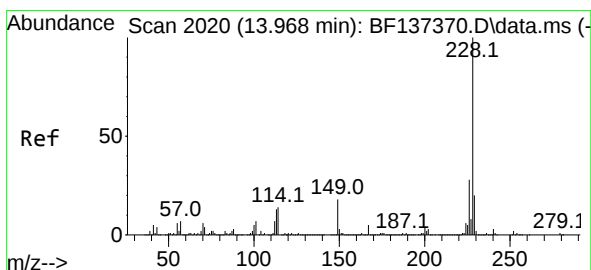
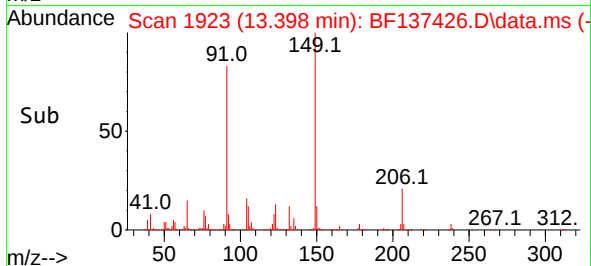
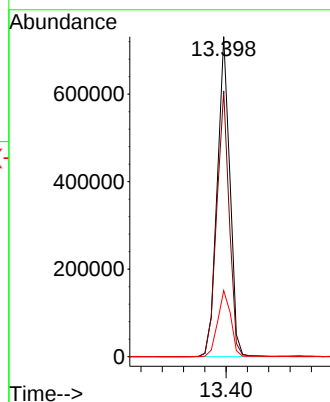
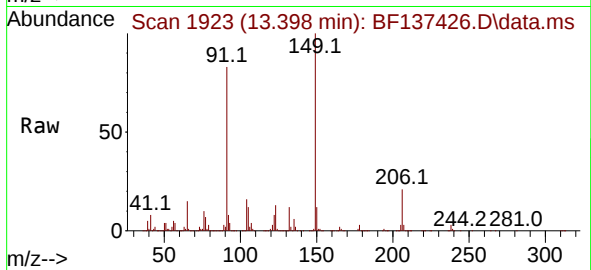
Tgt Ion:149 Resp: 600929

Ion Ratio Lower Upper

149 100

91 83.1 70.5 105.7

206 20.7 14.8 22.2



#81

Benzo(a)anthracene

Concen: 43.687 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

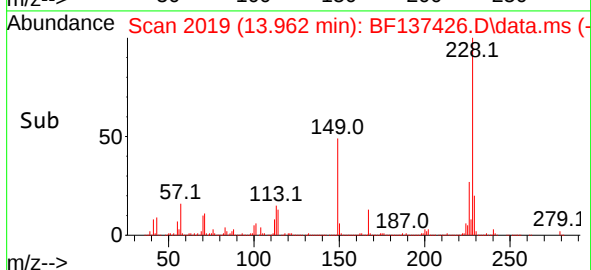
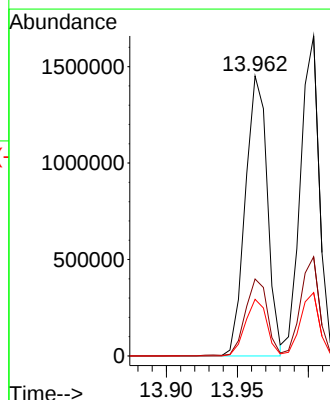
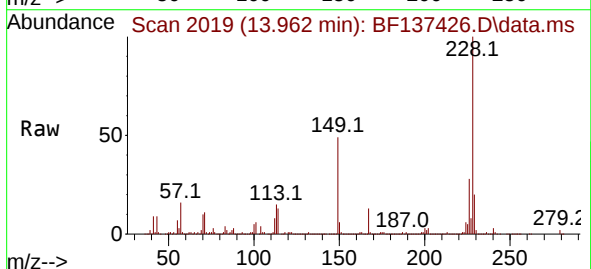
Tgt Ion:228 Resp: 1562555

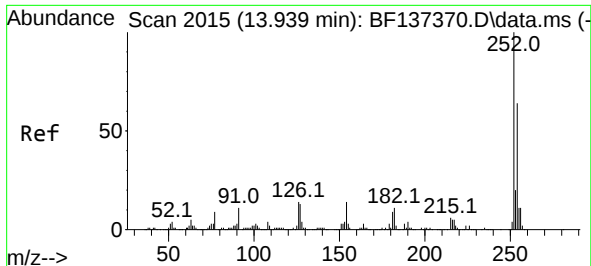
Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

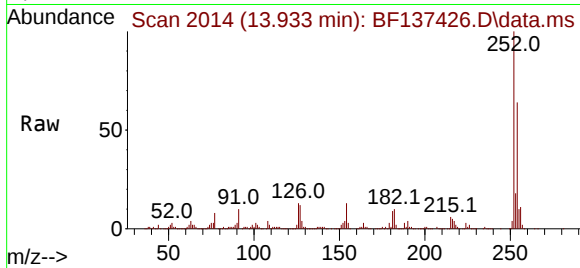
229 20.3 15.7 23.5



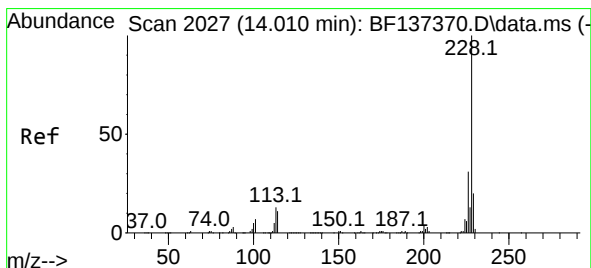
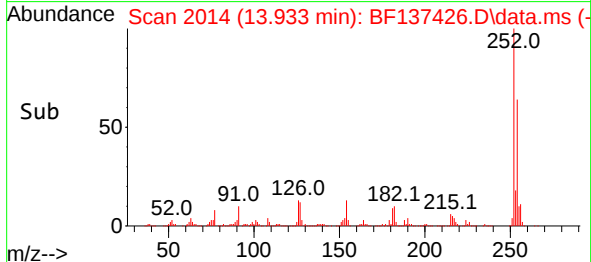
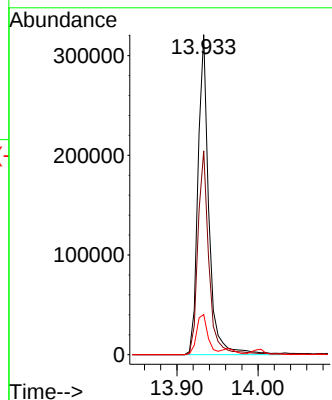


#82  
3,3'-Dichlorobenzidine  
Concen: 37.382 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Instrument :  
BNA\_F  
ClientSampleId :

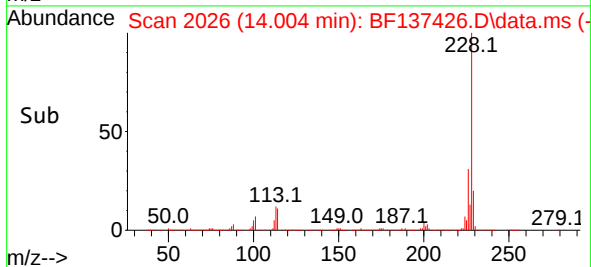
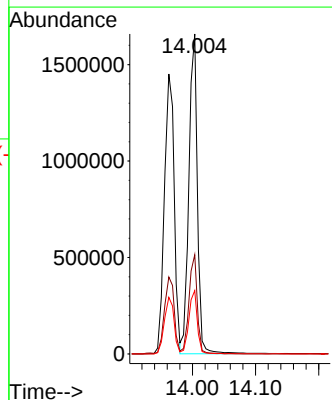
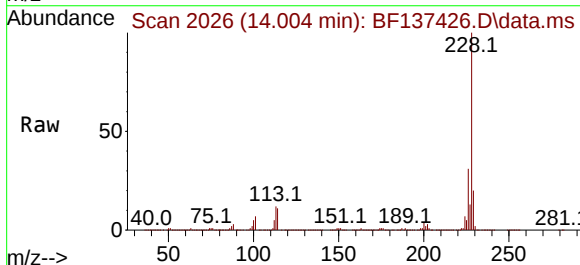


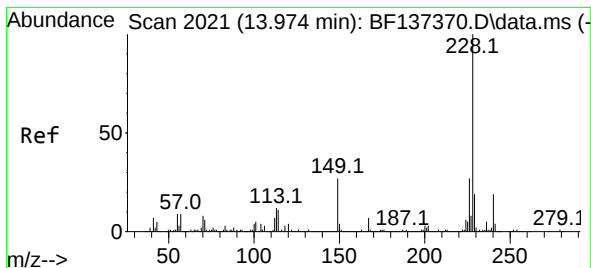
Tgt Ion:252 Resp: 301408  
Ion Ratio Lower Upper  
252 100  
254 63.7 51.2 76.8  
126 12.6 11.1 16.7



#83  
Chrysene  
Concen: 42.795 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

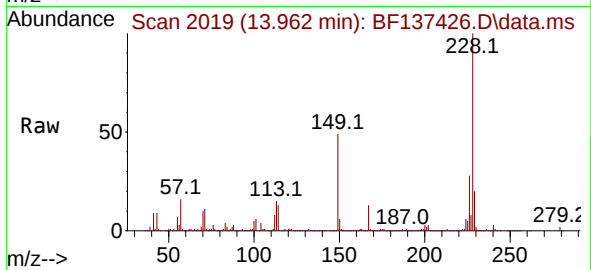
Tgt Ion:228 Resp: 1563589  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.6 37.0  
229 19.8 15.8 23.8



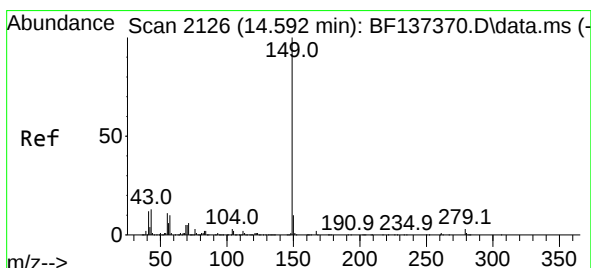
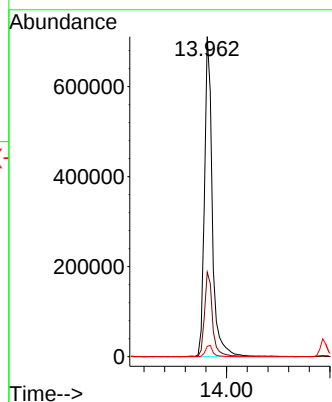
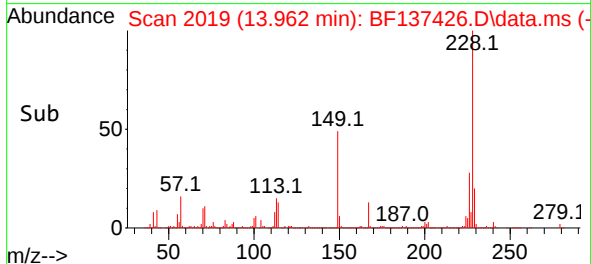


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 70.050 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Instrument :  
BNA\_F  
ClientSampleId :

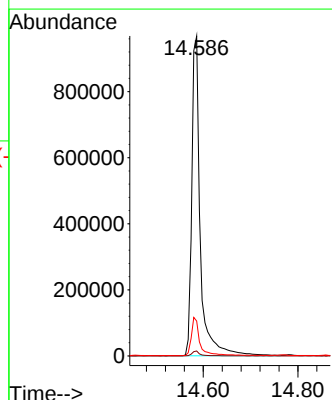
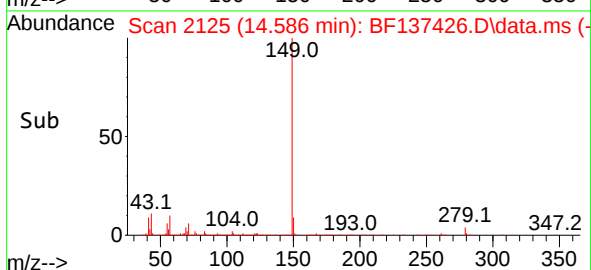
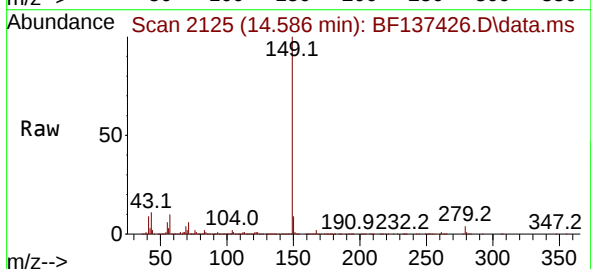


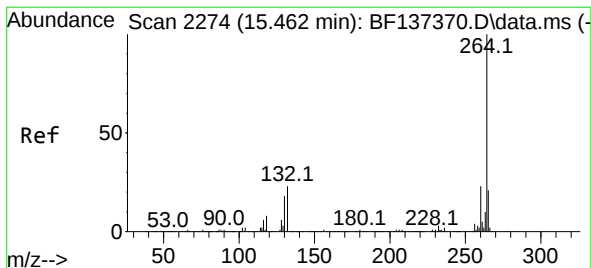
Tgt Ion:149 Resp: 743200  
Ion Ratio Lower Upper  
149 100  
167 26.4 20.6 31.0  
279 3.2 2.7 4.1



#85  
Di-n-octyl phthalate  
Concen: 63.545 ng  
RT: 14.586 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Tgt Ion:149 Resp: 1206140  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 12.2 13.7 20.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

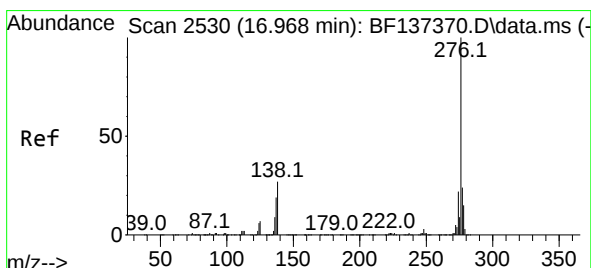
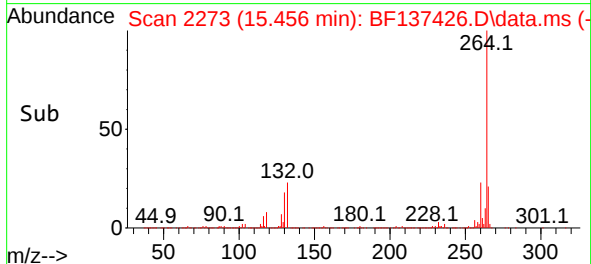
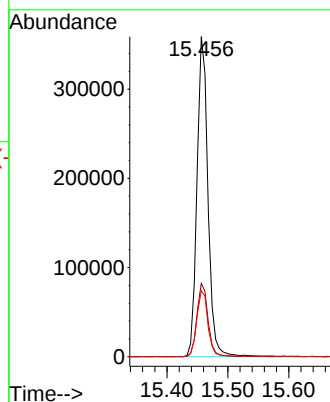
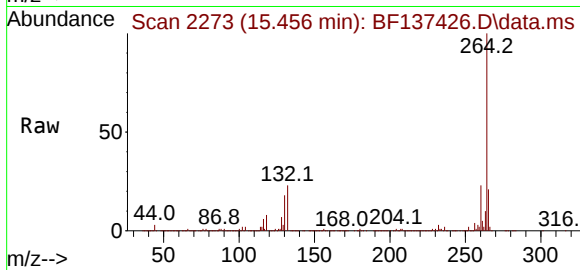
Tgt Ion:264 Resp: 449264

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 20.6 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 43.010 ng

RT: 16.968 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

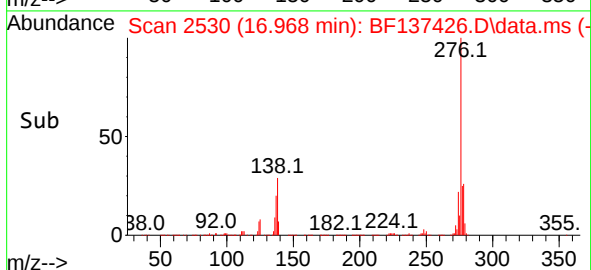
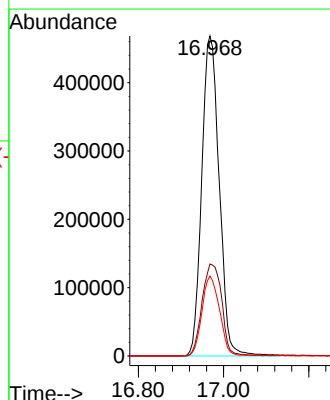
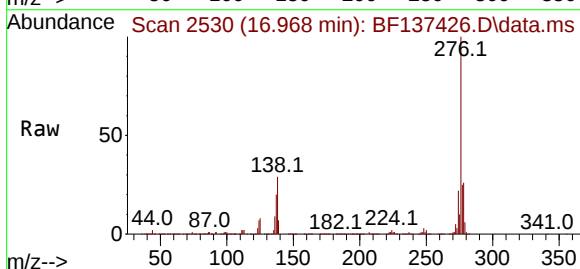
Tgt Ion:276 Resp: 1331680

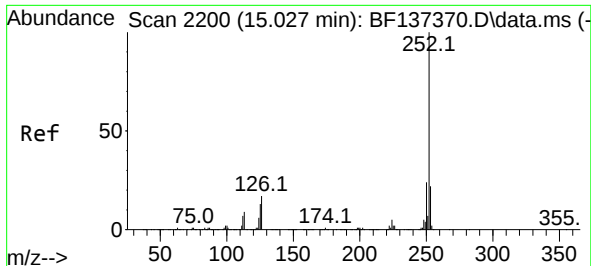
Ion Ratio Lower Upper

276 100

138 32.4 25.8 38.8

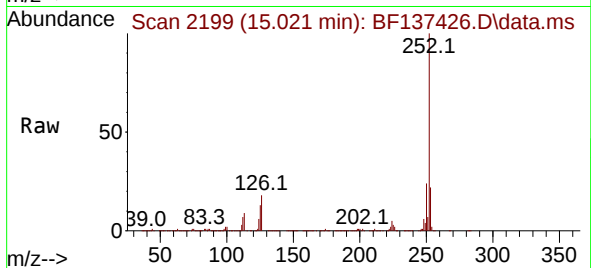
277 25.2 19.6 29.4



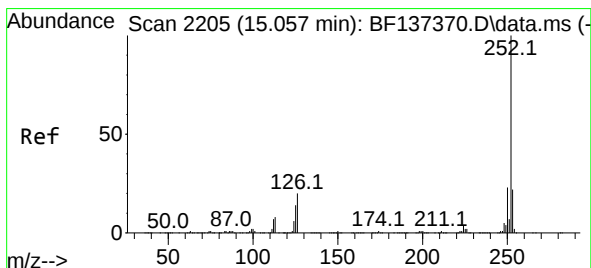
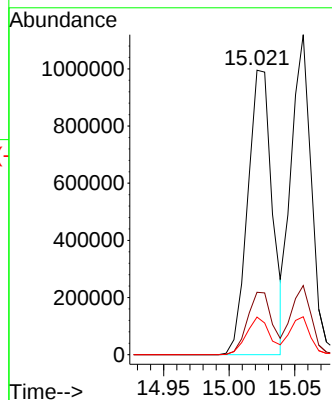
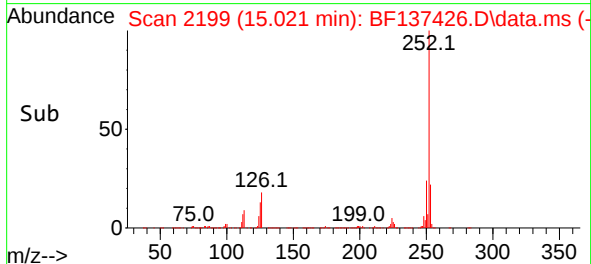


#88  
Benzo(b)fluoranthene  
Concen: 47.059 ng  
RT: 15.021 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

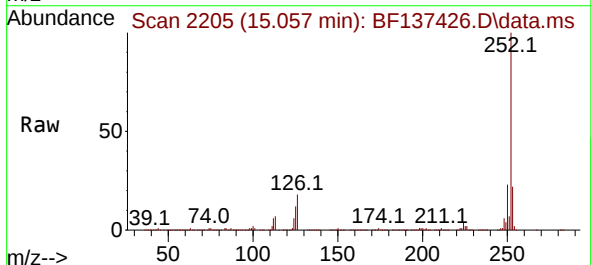
Instrument :  
BNA\_F  
ClientSampleId :



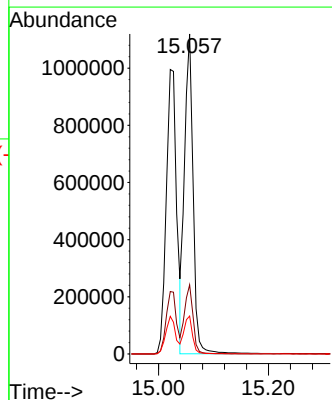
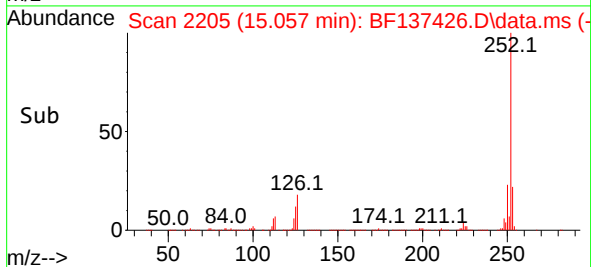
Tgt Ion:252 Resp: 1296945  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 13.2 10.2 15.2

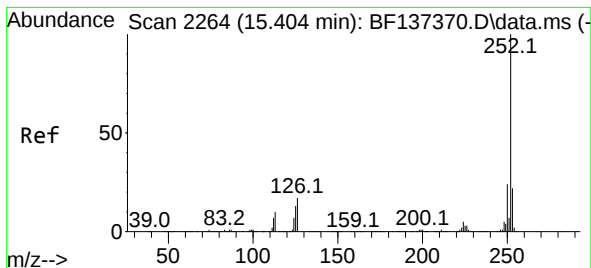


#89  
Benzo(k)fluoranthene  
Concen: 42.249 ng  
RT: 15.057 min Scan# 2205  
Delta R.T. -0.000 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51



Tgt Ion:252 Resp: 1220397  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.3 25.9  
125 11.8 10.7 16.1





#90

Benzo(a)pyrene

Concen: 43.350 ng

RT: 15.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

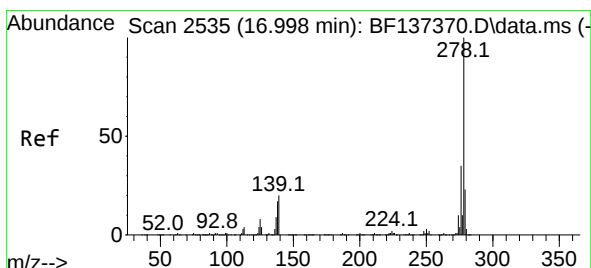
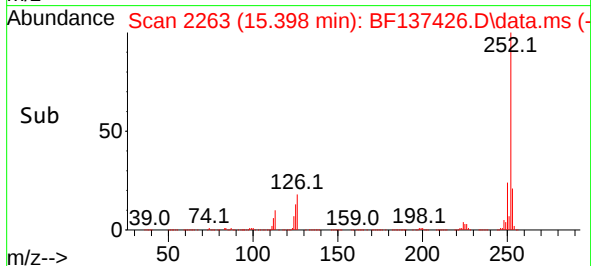
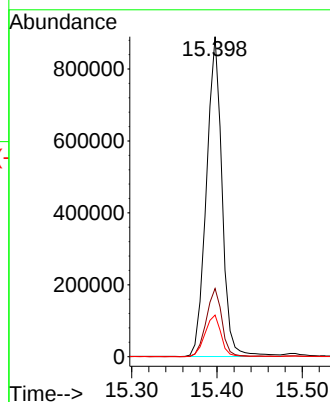
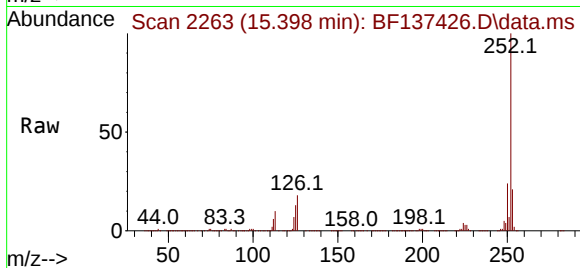
Tgt Ion:252 Resp: 1133255

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 13.0 10.6 16.0



#91

Dibenzo(a,h)anthracene

Concen: 42.738 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.006 min

Lab File: BF137426.D

Acq: 28 Feb 2024 16:51

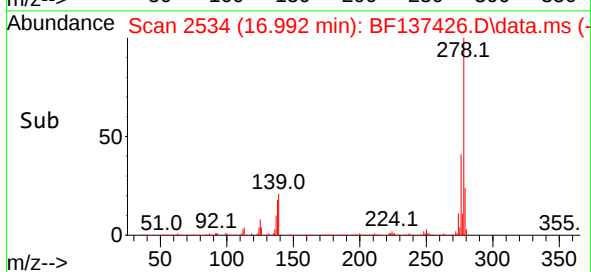
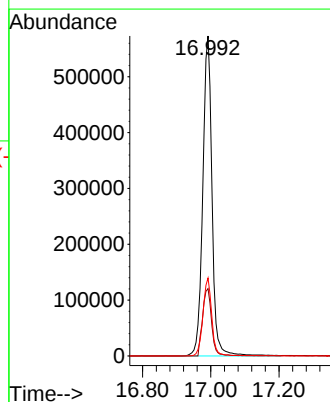
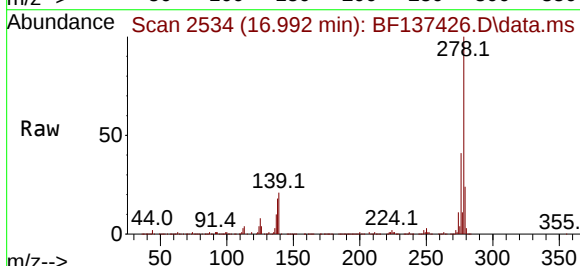
Tgt Ion:278 Resp: 1084889

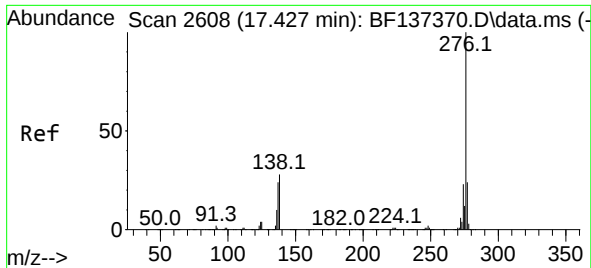
Ion Ratio Lower Upper

278 100

139 21.1 16.2 24.4

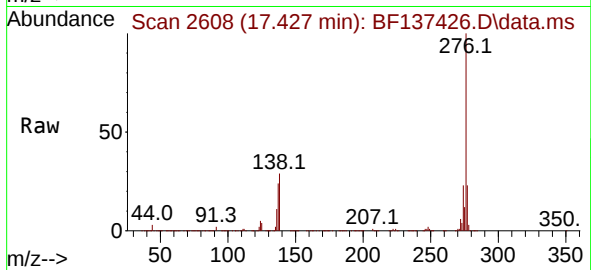
279 24.4 18.5 27.7





#92  
Benzo(g,h,i)perylene  
Concen: 41.901 ng  
RT: 17.427 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BF137426.D  
Acq: 28 Feb 2024 16:51

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:276 Resp: 1096903  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.0 28.4  
138 28.6 22.6 33.8

