

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022824\  
 Data File : BF137423.D  
 Acq On : 28 Feb 2024 15:23  
 Operator : CG\JU  
 Sample : PB159308BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 28 15:48:34 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  | 257657   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.063  | 136  | 1038762  | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.822  | 164  | 548450   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.316 | 188  | 952816   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.974 | 240  | 514852   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 450477   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 2121007  | 127.021 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.434  | 99   | 2983479  | 121.461 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 1881004  | 90.404  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 628162   | 131.527 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 2854880  | 81.039  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.916 | 244  | 3138442  | 85.261  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 351569   | 38.434  | ng    | 97       |
| 3) Pyridine                   | 3.422  | 79   | 823086   | 35.769  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.399  | 42   | 422343   | 48.002  | ng    | 96       |
| 6) Aniline                    | 6.451  | 93   | 689302   | 23.663  | ng    | # 49     |
| 8) 2-Chlorophenol             | 6.569  | 128  | 863891   | 48.236  | ng    | 98       |
| 9) Benzaldehyde               | 6.334  | 77   | 137143   | 11.597  | ng    | 97       |
| 10) Phenol                    | 6.445  | 94   | 1144021  | 42.556  | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 875613   | 44.825  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 868428   | 45.153  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 876547   | 44.266  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 834679   | 45.570  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.934  | 79   | 796201   | 54.378  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 1448213  | 44.603  | ng    | 96       |
| 17) 2-Methylphenol            | 7.045  | 107  | 709400   | 41.863  | ng    | 96       |
| 18) Hexachloroethane          | 7.292  | 117  | 303523   | 44.482  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 650432   | 42.971  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 810595   | 41.969  | ng    | 91       |
| 22) Acetophenone              | 7.192  | 105  | 1145119  | 45.461  | ng    | # 96     |
| 24) Nitrobenzene              | 7.369  | 77   | 989641   | 46.809  | ng    | 96       |
| 25) Isophorone                | 7.610  | 82   | 1860086  | 43.230  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 429598   | 52.864  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 635642   | 40.168  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 1109744  | 44.746  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 702877   | 47.391  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 719005   | 45.165  | ng    | 98       |
| 31) Naphthalene               | 8.087  | 128  | 2369867  | 42.512  | ng    | 99       |
| 32) Benzoic acid              | 7.875  | 122  | 475284   | 48.927  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.139  | 127  | 243156   | 11.469  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 404984   | 42.823  | ng    | 99       |
| 35) Caprolactam               | 8.522  | 113  | 119167   | 25.981  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 767351   | 45.637  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.781  | 142  | 1445121  | 40.231  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.881  | 142  | 1380587  | 40.651  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 684838   | 45.336  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.934  | 237  | 559467   | 81.688  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 472183   | 48.210  | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022824\  
 Data File : BF137423.D  
 Acq On : 28 Feb 2024 15:23  
 Operator : CG\JU  
 Sample : PB159308BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

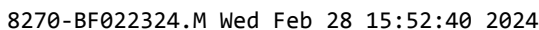
Instrument :  
 BNA\_F  
 ClientSampleId :

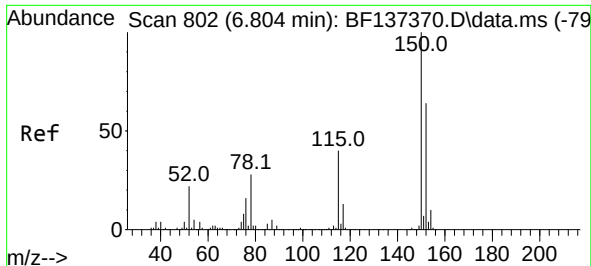
Quant Time: Feb 28 15:48:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 24 04:23:49 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 492222   | 43.805  | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 1778604  | 44.526  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 1396214  | 46.283  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.375  | 65   | 493935   | 53.388  | ng    | 94       |
| 49) Acenaphthylene            | 9.686  | 152  | 2220744  | 45.310  | ng    | 99       |
| 50) Dimethylphthalate         | 9.557  | 163  | 1655679  | 43.688  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 361099   | 51.217  | ng    | # 86     |
| 52) Acenaphthene              | 9.857  | 154  | 1244309  | 42.530  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.786  | 138  | 219894   | 28.313  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.898  | 184  | 371629   | 104.025 | ng    | 94       |
| 55) Dibenzofuran              | 10.033 | 168  | 1874917  | 41.463  | ng    | 98       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 567536   | 94.126  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 462367   | 51.786  | ng    | 96       |
| 58) Fluorene                  | 10.375 | 166  | 1430914  | 41.436  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.110 | 232  | 423133   | 45.474  | ng    | 100      |
| 60) Diethylphthalate          | 10.257 | 149  | 1528150  | 43.189  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204  | 679270   | 39.987  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 341416   | 46.100  | ng    | 97       |
| 63) Azobenzene                | 10.533 | 77   | 1816687  | 42.914  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.433 | 198  | 249924   | 53.112  | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 10.492 | 169  | 1311246  | 42.374  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.863 | 248  | 433778   | 42.348  | ng    | 96       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 470892   | 44.440  | ng    | 95       |
| 69) Atrazine                  | 11.028 | 200  | 383662   | 45.942  | ng    | 98       |
| 70) Pentachlorophenol         | 11.122 | 266  | 554786   | 82.637  | ng    | 97       |
| 71) Phenanthrene              | 11.345 | 178  | 2181431  | 41.497  | ng    | 100      |
| 72) Anthracene                | 11.398 | 178  | 2247795  | 41.492  | ng    | 99       |
| 73) Carbazole                 | 11.557 | 167  | 2022915  | 43.704  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 2298908  | 49.637  | ng    | 99       |
| 75) Fluoranthene              | 12.539 | 202  | 2196189  | 42.800  | ng    | 99       |
| 77) Benzidine                 | 12.669 | 184  | 334346   | 39.473  | ng    | 98       |
| 78) Pyrene                    | 12.769 | 202  | 2245347  | 46.122  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.398 | 149  | 594679   | 70.556  | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.963 | 228  | 1643510  | 46.003  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.933 | 252  | 346727   | 42.288  | ng    | 99       |
| 83) Chrysene                  | 14.004 | 228  | 1588623  | 43.529  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 728833   | 69.122  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 1171585  | 62.469  | ng    | # 90     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 1431190  | 45.965  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1310985  | 47.440  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 1286546  | 44.419  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 1192678  | 45.501  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 1151123  | 45.136  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 1158910  | 44.040  | ng    | 99       |

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

Quant Time: Feb 28 15:48:34 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

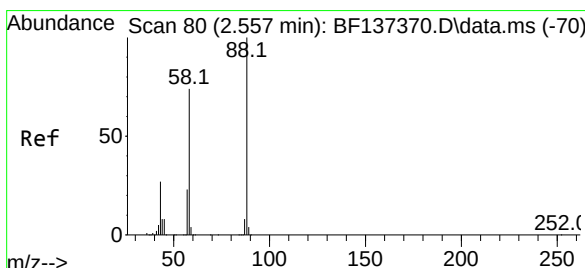
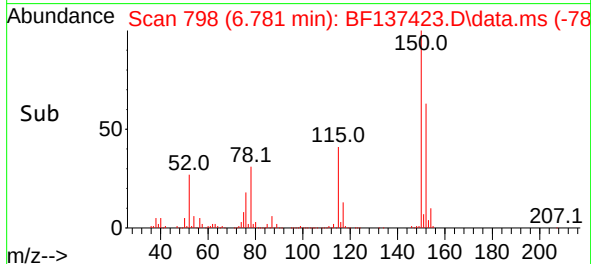
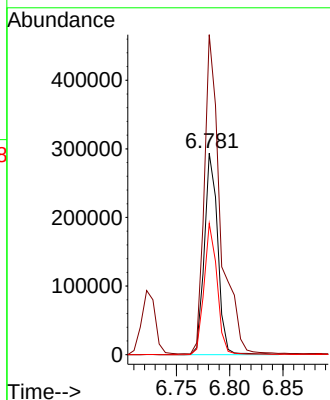
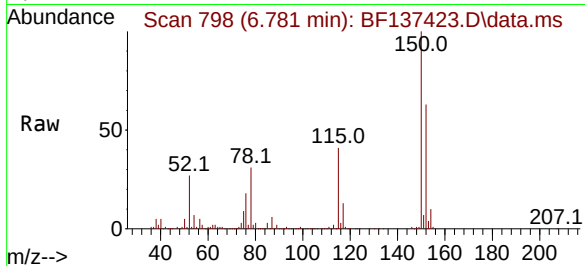




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.023 min  
 Lab File: BF137423.D  
 Acq: 28 Feb 2024 15:23

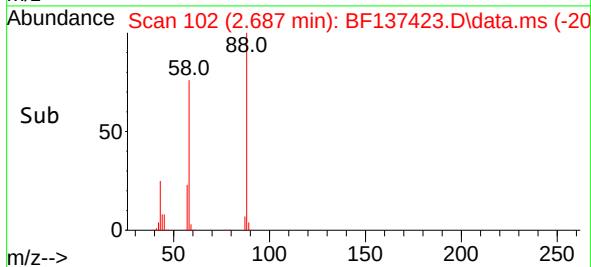
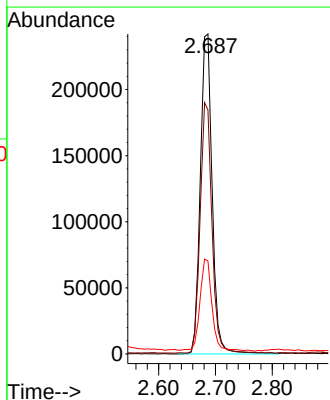
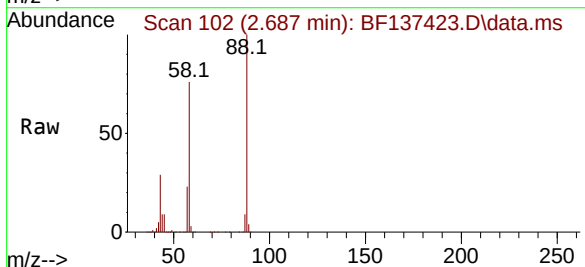
Instrument :  
 BNA\_F  
 ClientSampleId :

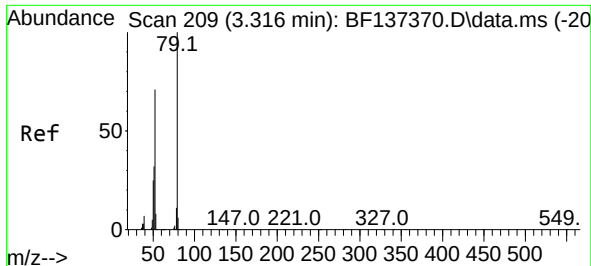
Tgt Ion:152 Resp: 257657  
 Ion Ratio Lower Upper  
 152 100  
 150 158.9 125.7 188.5  
 115 65.1 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 38.434 ng  
 RT: 2.687 min Scan# 102  
 Delta R.T. 0.129 min  
 Lab File: BF137423.D  
 Acq: 28 Feb 2024 15:23

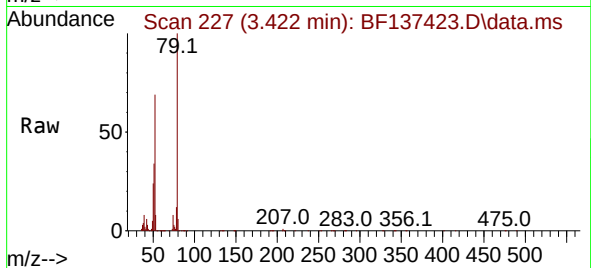
Tgt Ion: 88 Resp: 351569  
 Ion Ratio Lower Upper  
 88 100  
 58 77.7 60.6 91.0  
 43 29.4 22.0 33.0



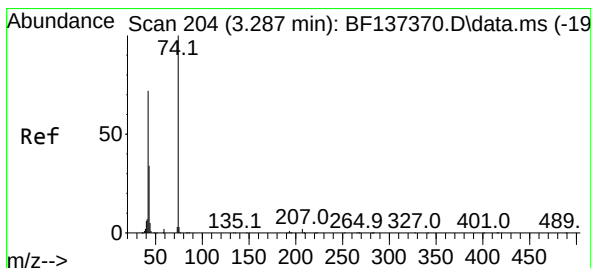
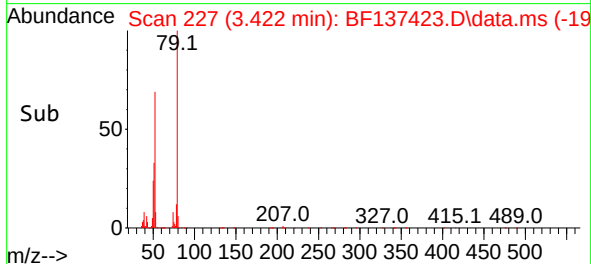
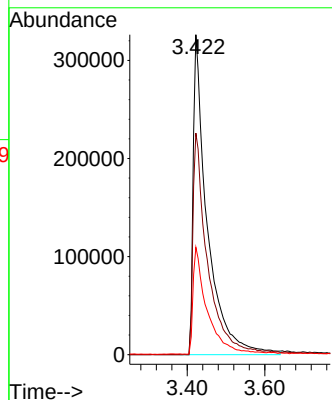


#3  
Pyridine  
Concen: 35.769 ng  
RT: 3.422 min Scan# 21  
Delta R.T. 0.106 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :

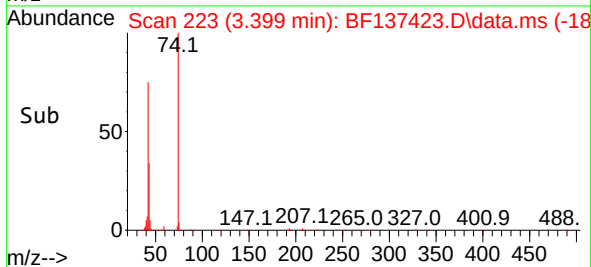
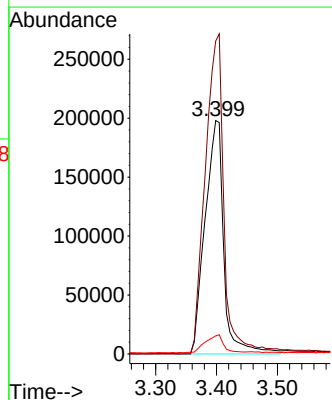
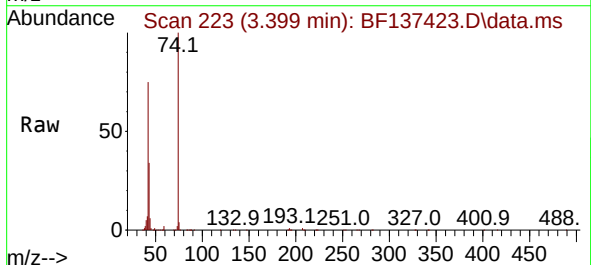


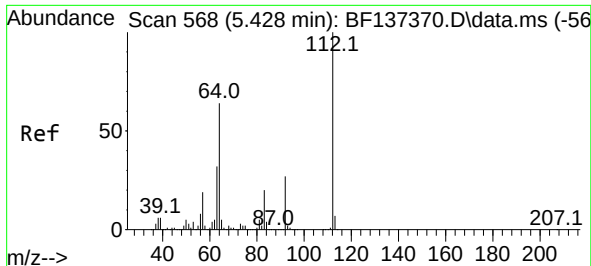
Tgt Ion: 79 Resp: 823086  
Ion Ratio Lower Upper  
79 100  
52 69.3 56.5 84.7  
51 33.5 26.2 39.2



#4  
n-Nitrosodimethylamine  
Concen: 48.002 ng  
RT: 3.399 min Scan# 223  
Delta R.T. 0.112 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

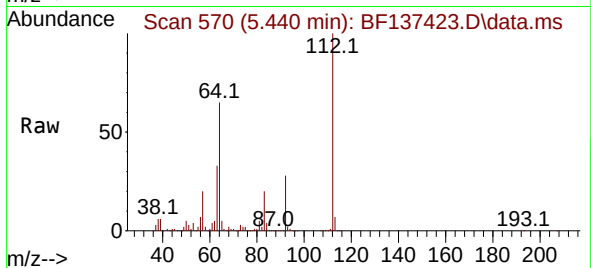
Tgt Ion: 42 Resp: 422343  
Ion Ratio Lower Upper  
42 100  
74 134.1 110.8 166.2  
44 7.7 6.0 9.0



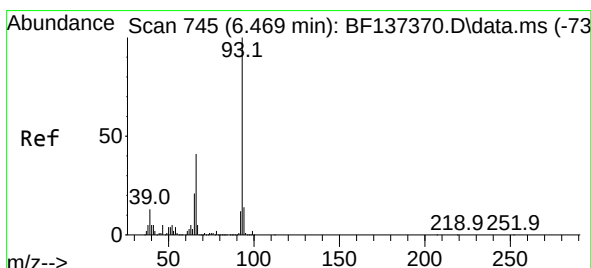
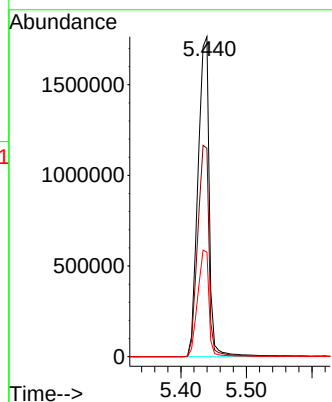
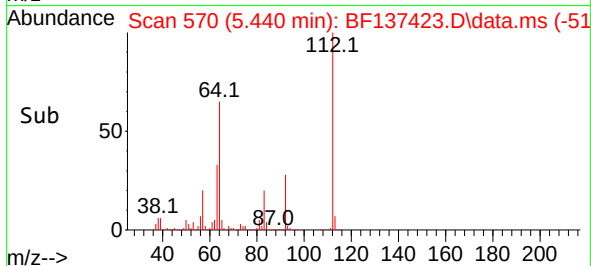


#5  
2-Fluorophenol  
Concen: 127.021 ng  
RT: 5.440 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :

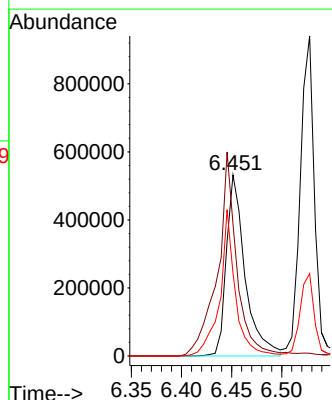
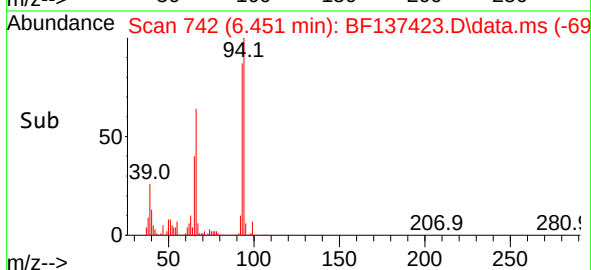
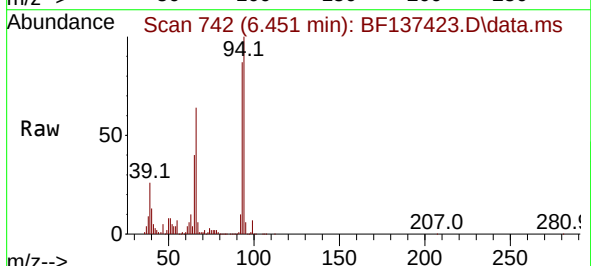


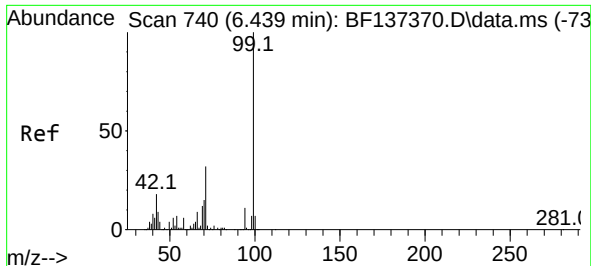
Tgt Ion:112 Resp: 2121007  
Ion Ratio Lower Upper  
112 100  
64 65.1 51.0 76.6  
63 32.7 25.7 38.5



#6  
Aniline  
Concen: 23.663 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion: 93 Resp: 689302  
Ion Ratio Lower Upper  
93 100  
66 72.9 33.0 49.4#  
65 45.7 17.0 25.6#

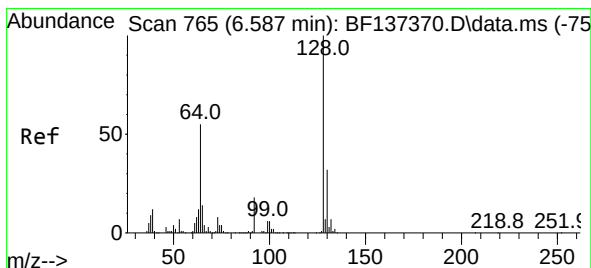
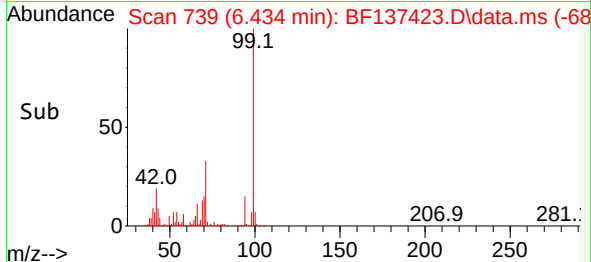
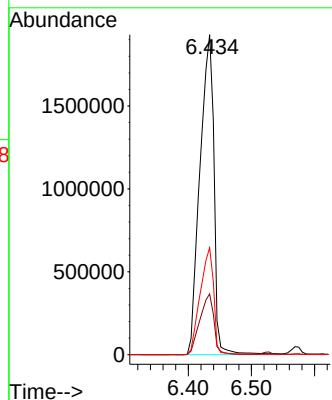
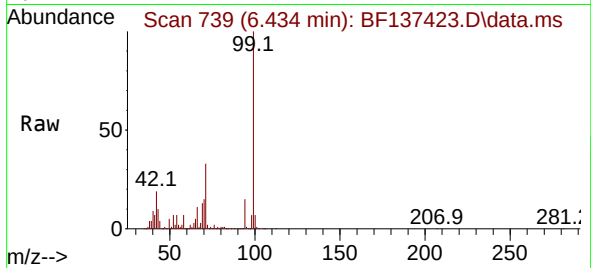




#7  
Phenol-d6  
Concen: 121.461 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

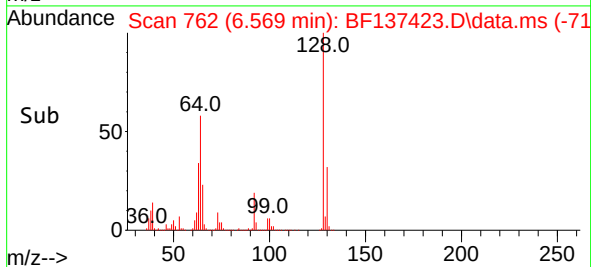
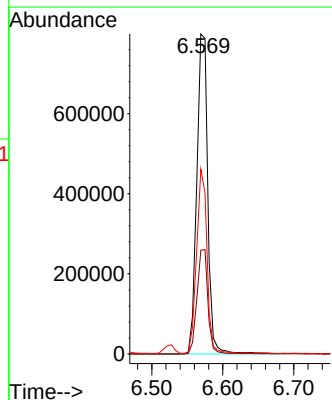
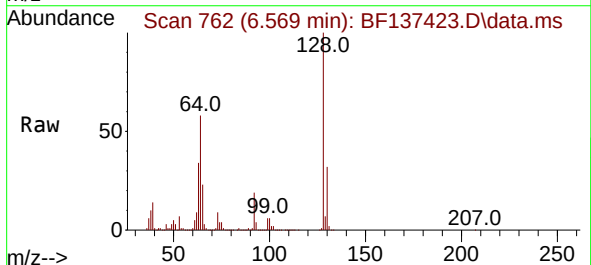
Instrument :  
BNA\_F  
ClientSampleId :

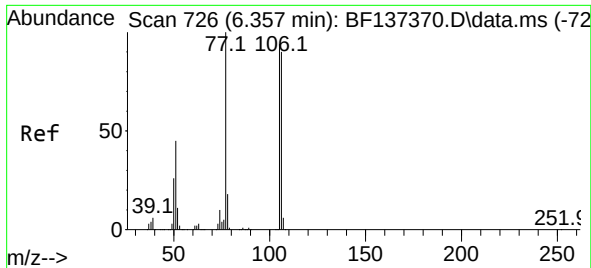
Tgt Ion: 99 Resp: 2983479  
Ion Ratio Lower Upper  
99 100  
42 19.0 14.2 21.4  
71 33.4 25.2 37.8



#8  
2-Chlorophenol  
Concen: 48.236 ng  
RT: 6.569 min Scan# 762  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion: 128 Resp: 863891  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.1 52.1  
64 57.8 35.3 75.3





#9

Benzaldehyde

Concen: 11.597 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.023 min

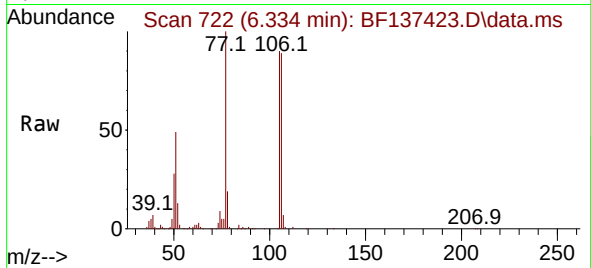
Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :



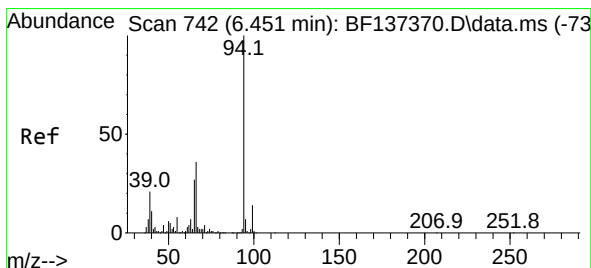
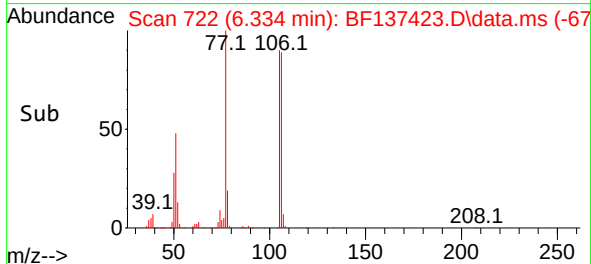
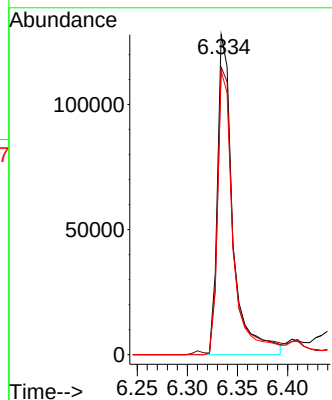
Tgt Ion: 77 Resp: 137143

Ion Ratio Lower Upper

77 100

105 89.9 74.1 114.1

106 88.6 70.2 110.2



#10

Phenol

Concen: 42.556 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

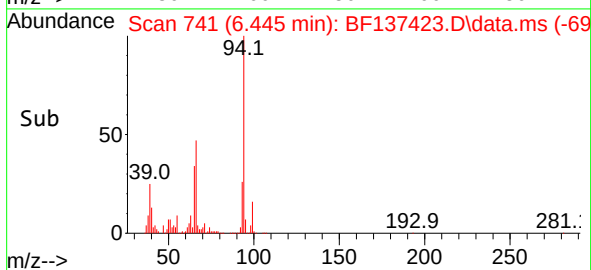
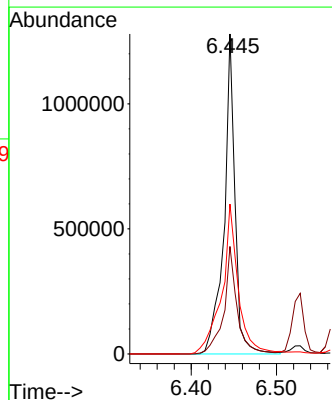
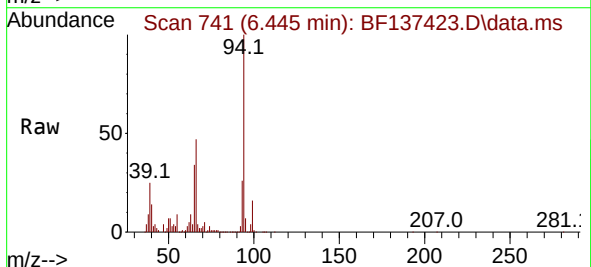
Tgt Ion: 94 Resp: 1144021

Ion Ratio Lower Upper

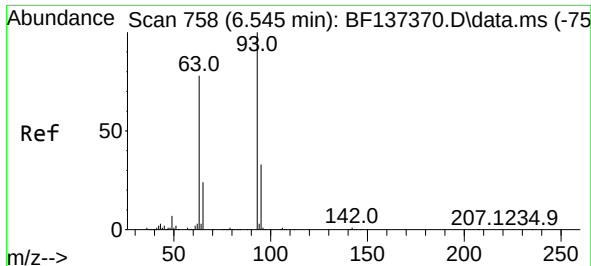
94 100

65 33.6 7.4 47.4

66 46.8 15.6 55.6



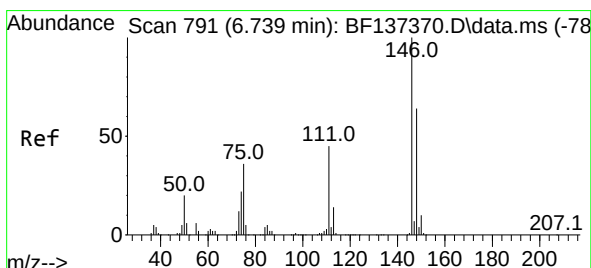
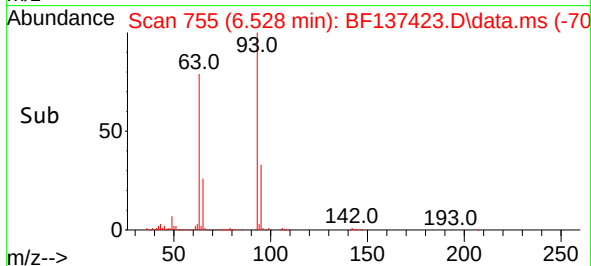
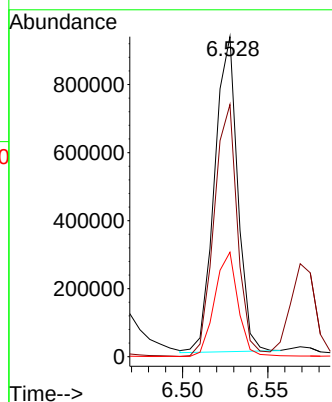
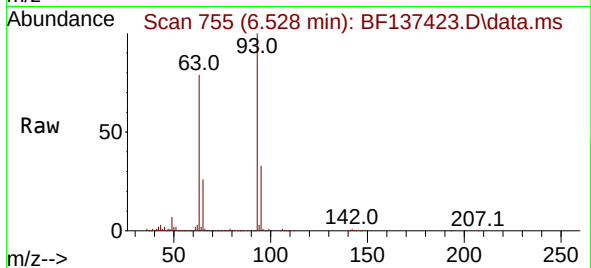




#11  
bis(2-Chloroethyl)ether  
Concen: 44.825 ng  
RT: 6.528 min Scan# 70  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

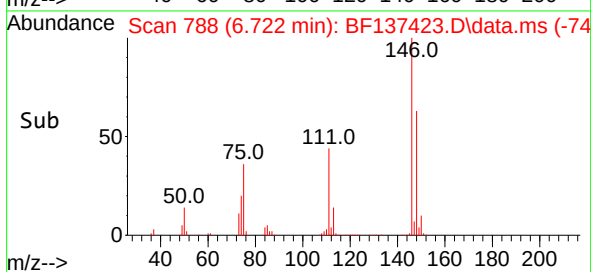
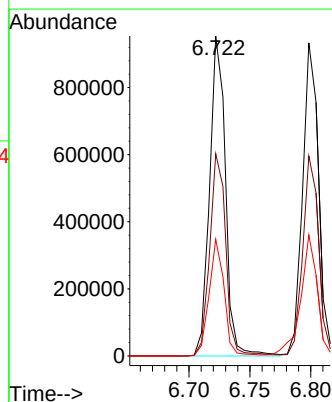
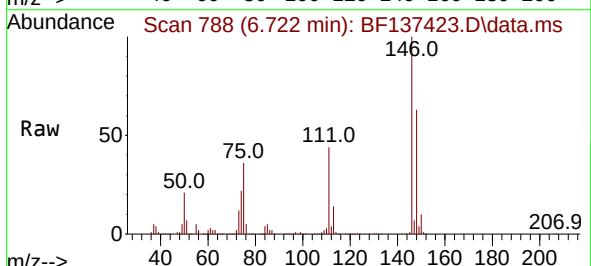
Instrument :  
BNA\_F  
ClientSampleId :

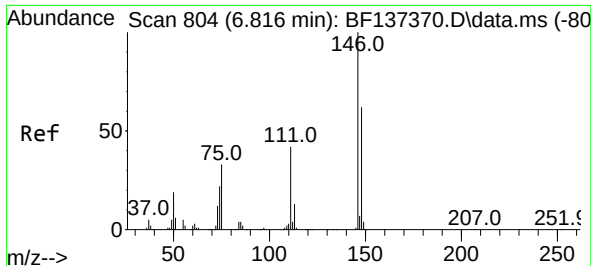
Tgt Ion: 93 Resp: 875613  
Ion Ratio Lower Upper  
93 100  
63 78.8 56.1 96.1  
95 32.6 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 45.153 ng  
RT: 6.722 min Scan# 788  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:146 Resp: 868428  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.9 76.3  
75 36.4 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 44.266 ng

RT: 6.798 min Scan# 804

Delta R.T. -0.018 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

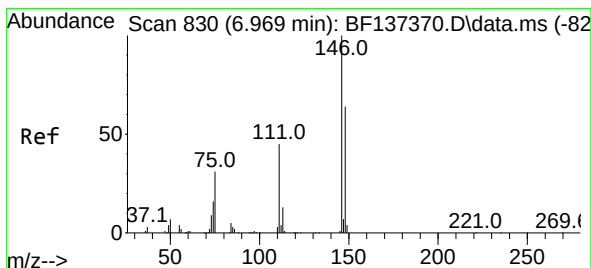
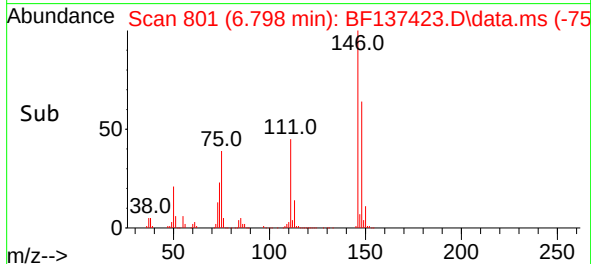
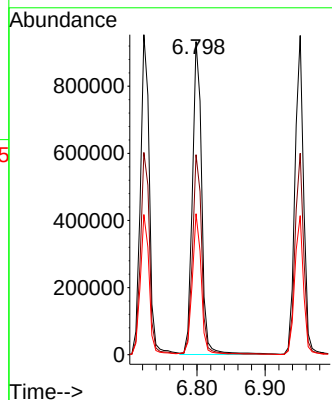
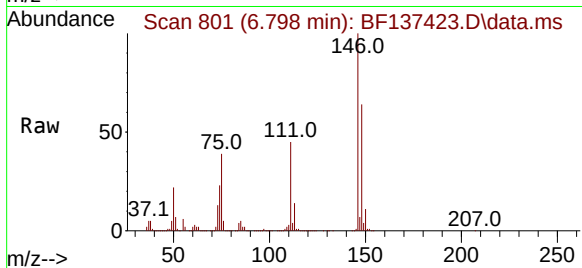
Tgt Ion:146 Resp: 876547

Ion Ratio Lower Upper

146 100

148 63.9 49.9 74.9

111 45.0 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 45.570 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

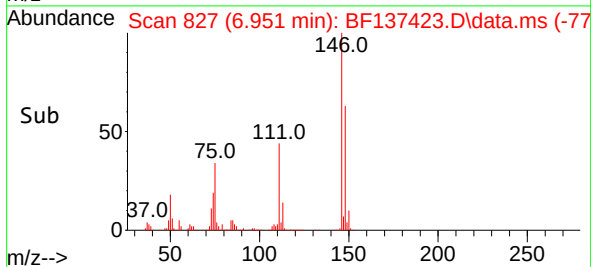
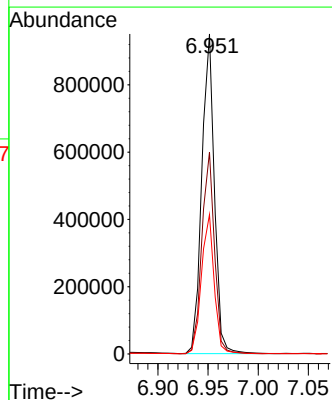
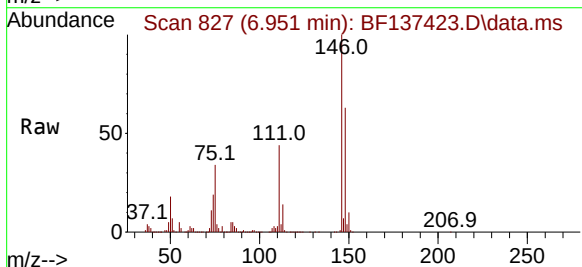
Tgt Ion:146 Resp: 834679

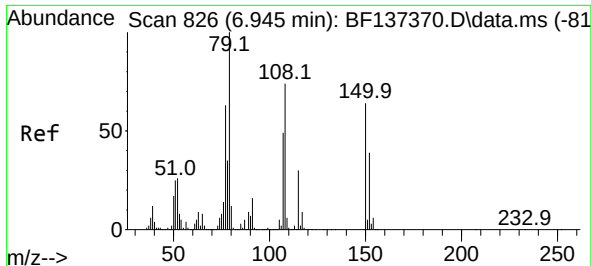
Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.0

111 43.6 36.6 54.8

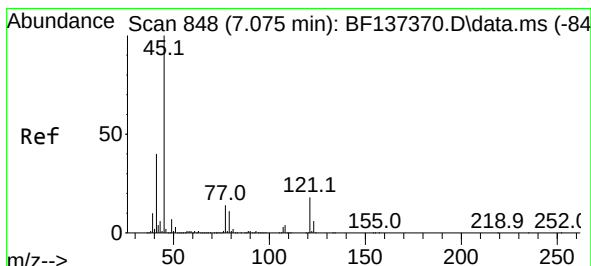
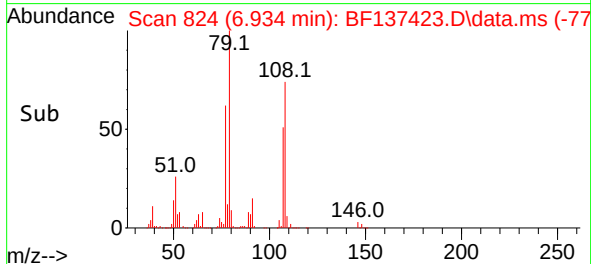
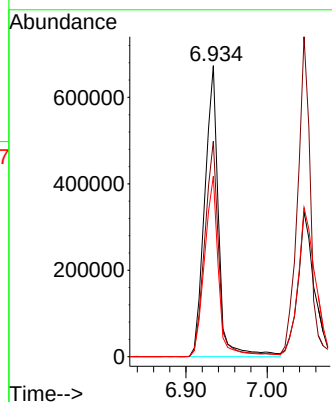
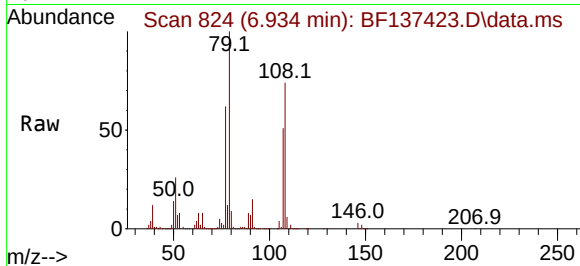




#15  
Benzyl Alcohol  
Concen: 54.378 ng  
RT: 6.934 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

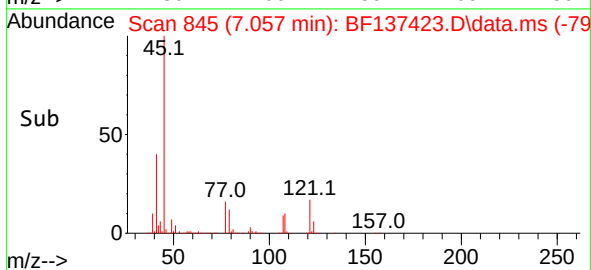
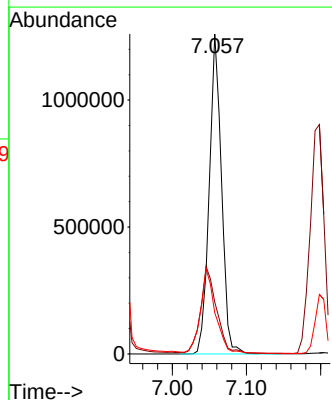
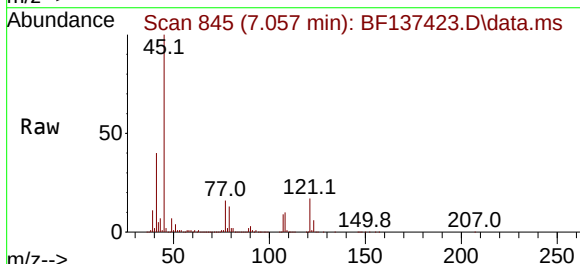
Instrument :  
BNA\_F  
ClientSampleId :

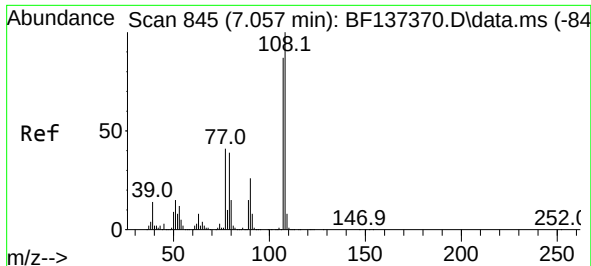
Tgt Ion: 79 Resp: 796201  
Ion Ratio Lower Upper  
79 100  
108 74.1 59.5 89.3  
77 62.0 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.603 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

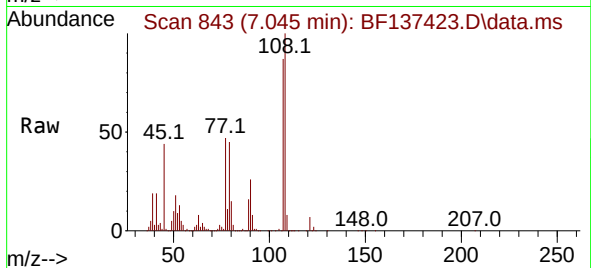
Tgt Ion: 45 Resp: 1448213  
Ion Ratio Lower Upper  
45 100  
77 16.2 0.0 34.6  
79 12.8 0.0 31.6



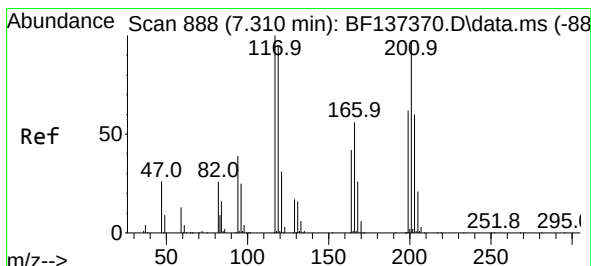
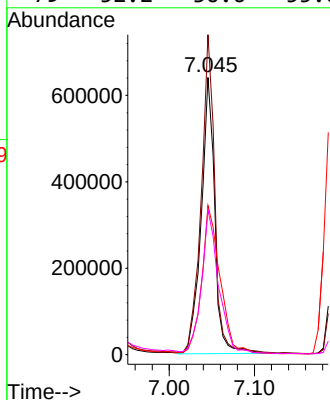
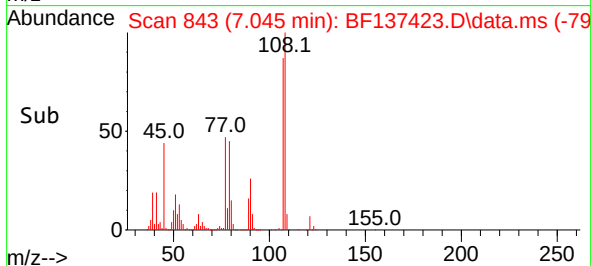


#17  
2-Methylphenol  
Concen: 41.863 ng  
RT: 7.045 min Scan# 845  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

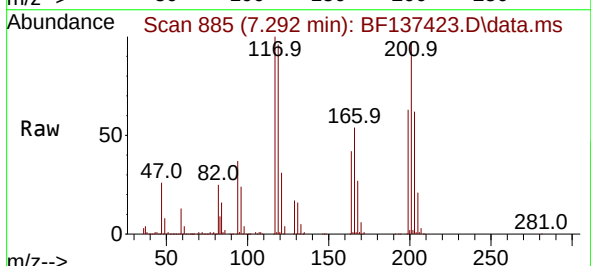
Instrument :  
BNA\_F  
ClientSampleId :



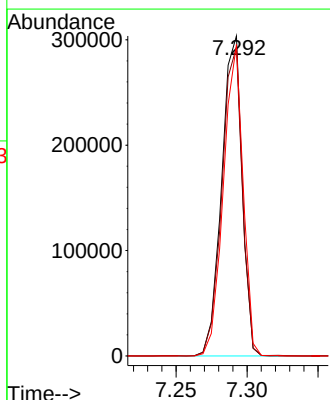
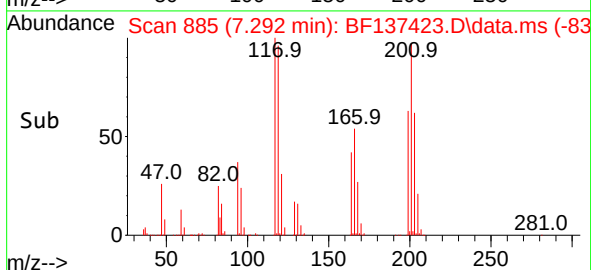
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 709400 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.4 | 92.2  | 138.4  |
| 77       | 53.8  | 38.1  | 57.1   |
| 79       | 52.2  | 36.6  | 55.0   |

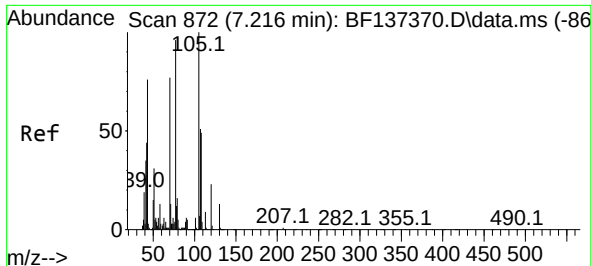


#18  
Hexachloroethane  
Concen: 44.482 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23



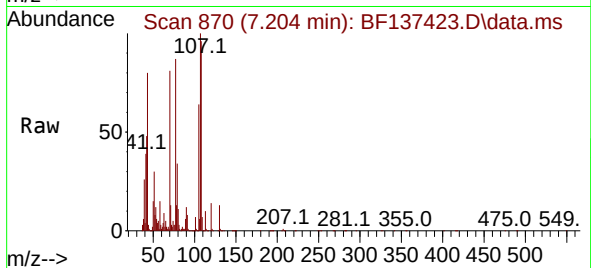
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 303523 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 76.2  | 114.4  |
| 201      | 97.3  | 77.6  | 116.4  |



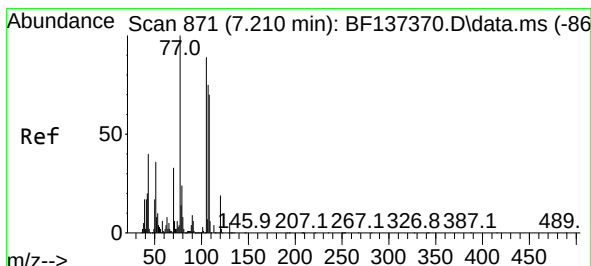
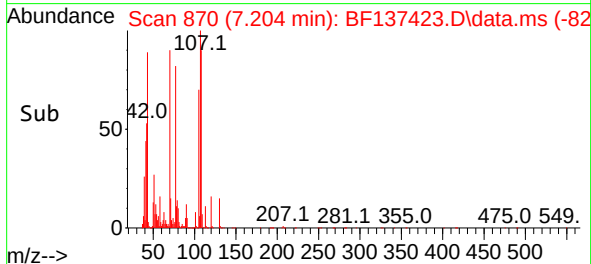
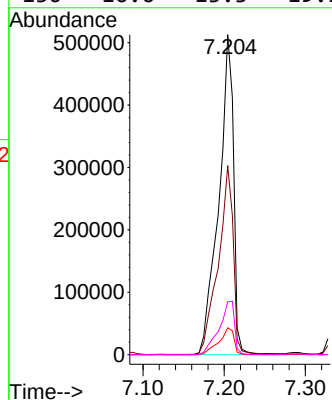


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.971 ng  
RT: 7.204 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :

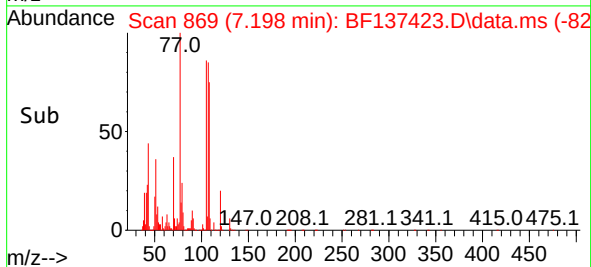
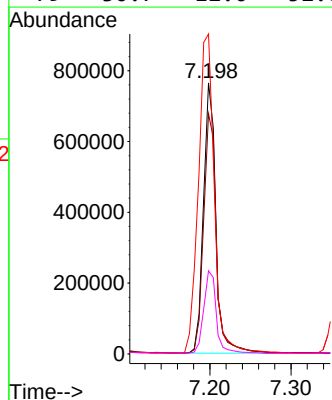
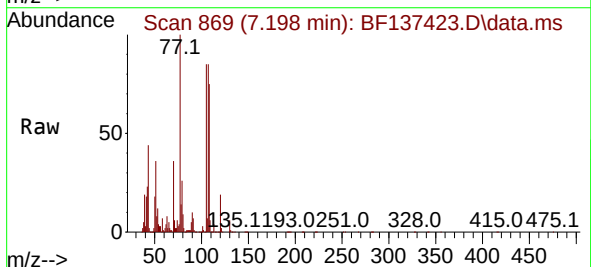


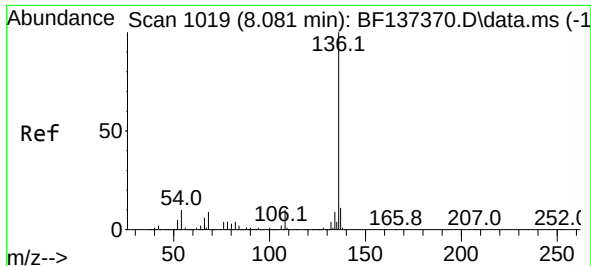
| Tgt Ion: | 70    | Resp: | 650432 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 59.1  | 45.3  | 67.9   |
| 101      | 8.4   | 6.5   | 9.7    |
| 130      | 16.6  | 13.3  | 19.9   |



#20  
3+4-Methylphenols  
Concen: 41.969 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

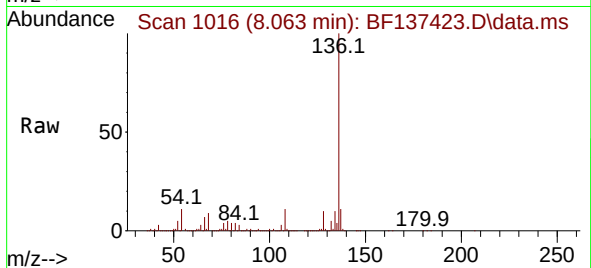
| Tgt Ion: | 107   | Resp: | 810595 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.6  | 73.1  | 113.1  |
| 77       | 118.0 | 113.6 | 153.6  |
| 79       | 30.7  | 12.0  | 52.0   |



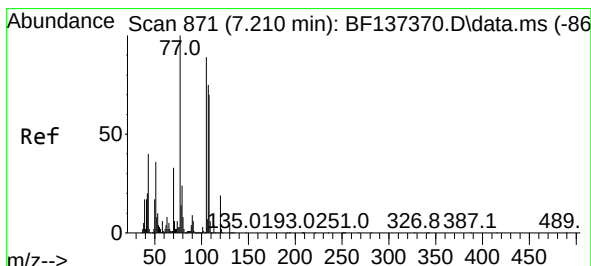
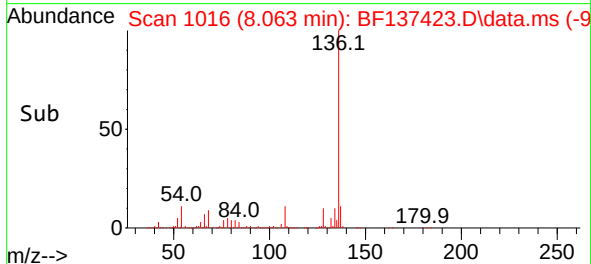
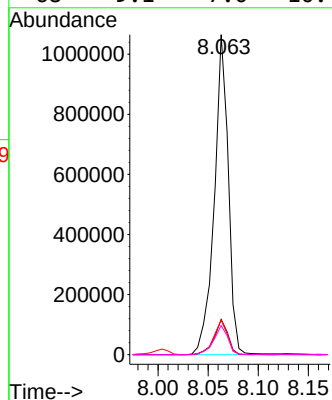


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :

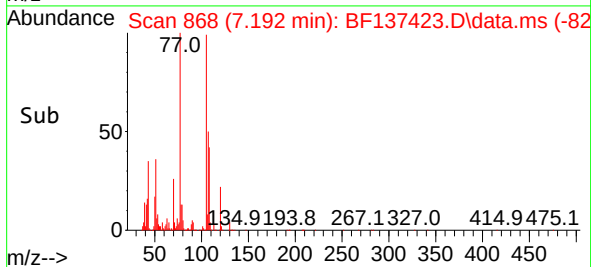
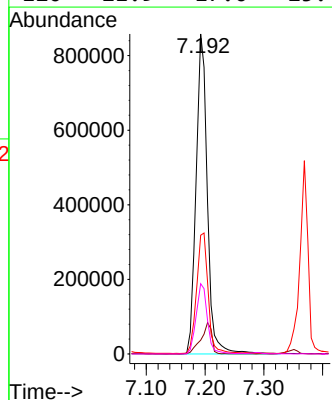
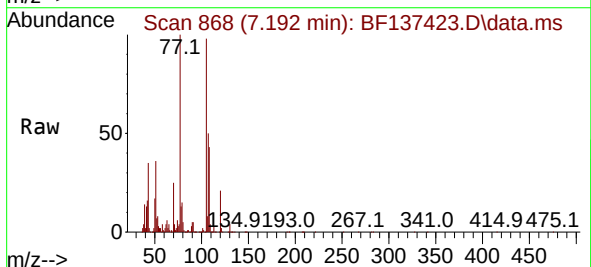


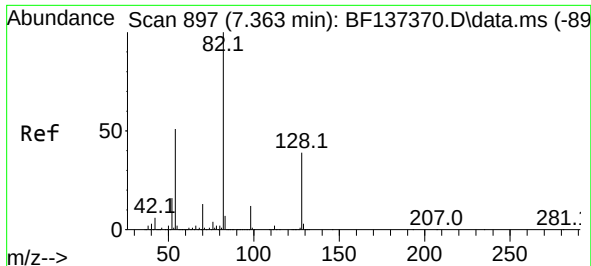
Tgt Ion:136 Resp: 1038762  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 10.8 7.8 11.6  
68 9.1 7.0 10.4



#22  
Acetophenone  
Concen: 45.461 ng  
RT: 7.192 min Scan# 868  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:105 Resp: 1145119  
Ion Ratio Lower Upper  
105 100  
71 4.3 5.0 7.6#  
51 37.1 32.2 48.4  
120 21.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 90.404 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

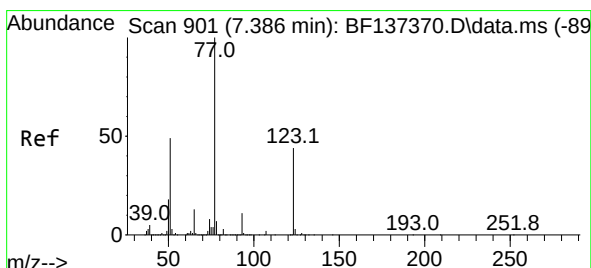
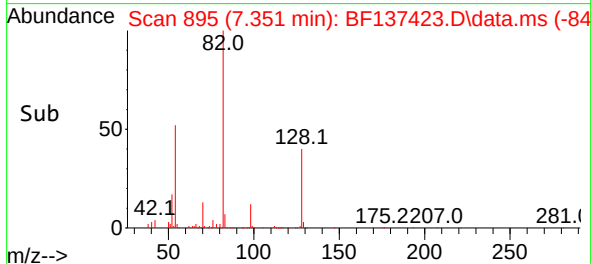
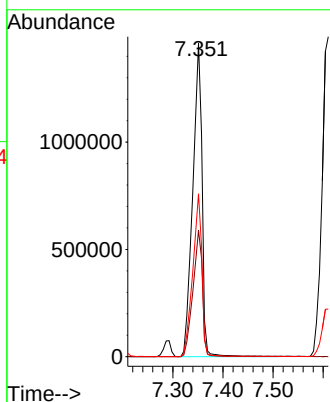
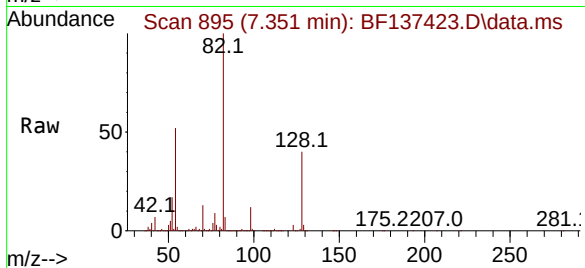
Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 82 Resp: 1881004

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.4  | 30.8  | 46.2  |
| 54  | 52.0  | 40.8  | 61.2  |



#24

Nitrobenzene

Concen: 46.809 ng

RT: 7.369 min Scan# 898

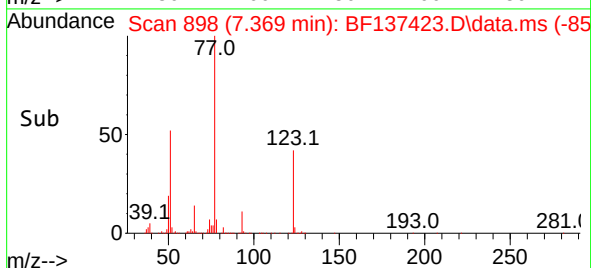
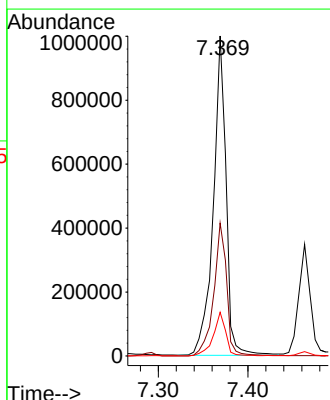
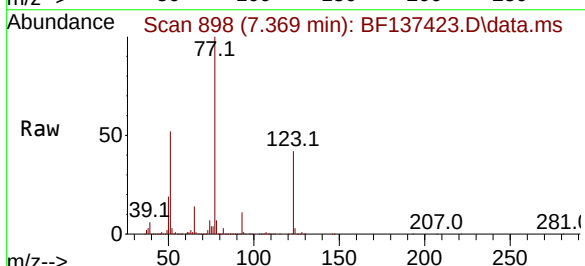
Delta R.T. -0.018 min

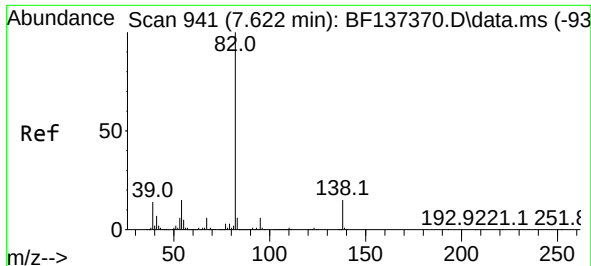
Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Tgt Ion: 77 Resp: 989641

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 41.6  | 35.4  | 53.0  |
| 65  | 13.7  | 10.3  | 15.5  |

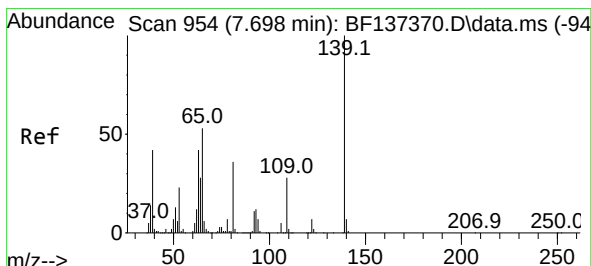
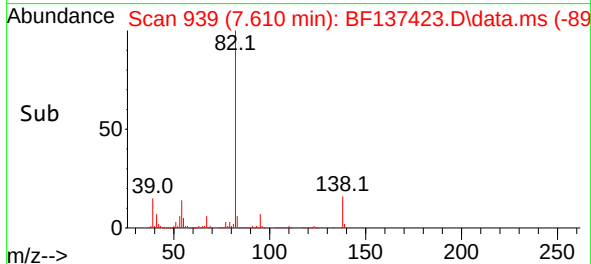
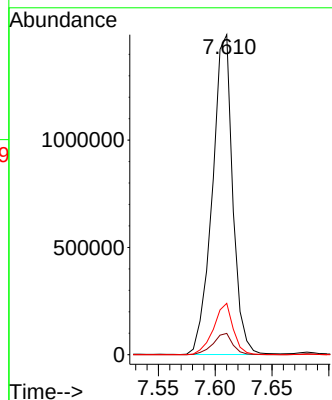
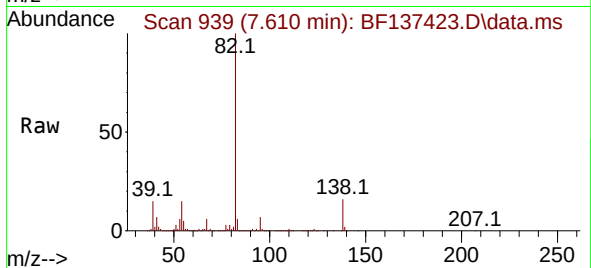




#25  
Isophorone  
Concen: 43.230 ng  
RT: 7.610 min Scan# 910  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

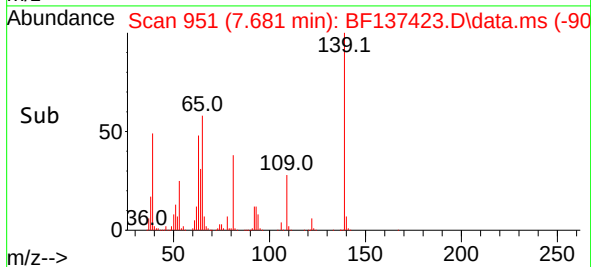
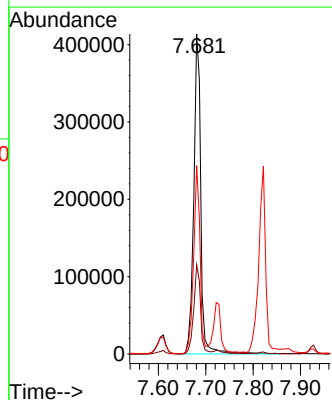
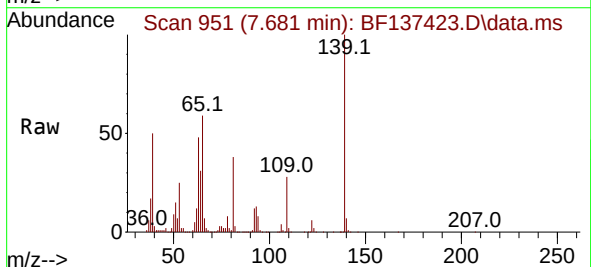
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 82 Resp: 1860086  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.1 7.7  
138 16.1 12.2 18.4

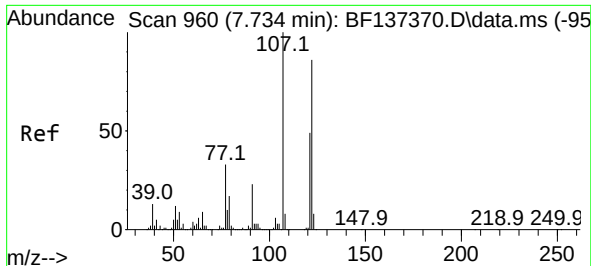


#26  
2-Nitrophenol  
Concen: 52.864 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.017 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:139 Resp: 429598  
Ion Ratio Lower Upper  
139 100  
109 27.8 22.5 33.7  
65 58.9 42.3 63.5







#27

2,4-Dimethylphenol

Concen: 40.168 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

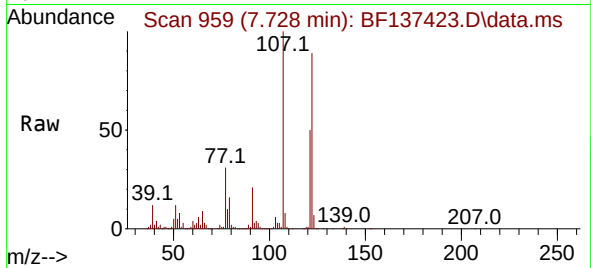
Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :



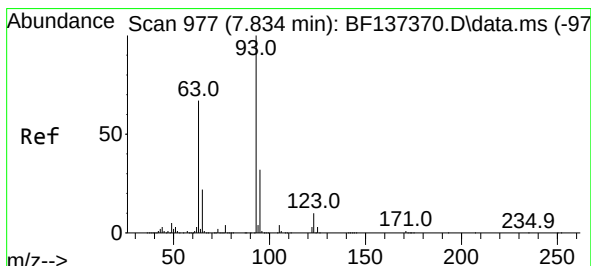
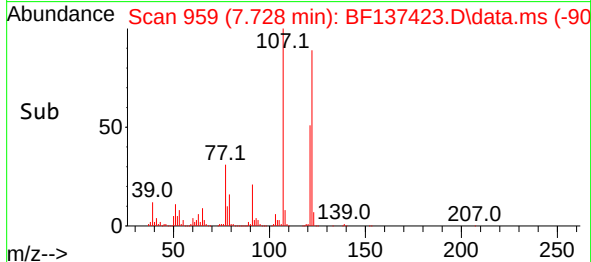
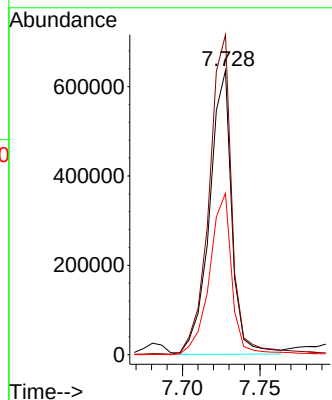
Tgt Ion:122 Resp: 635642

Ion Ratio Lower Upper

122 100

107 112.6 92.7 139.1

121 56.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.746 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

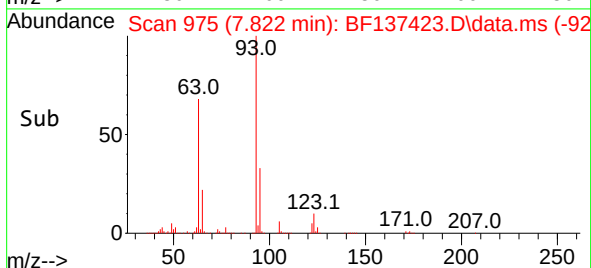
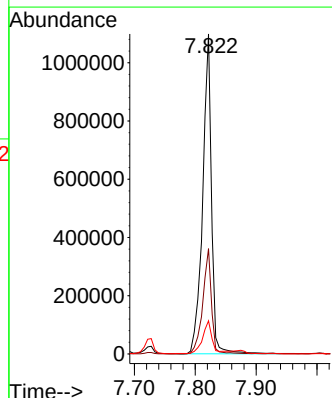
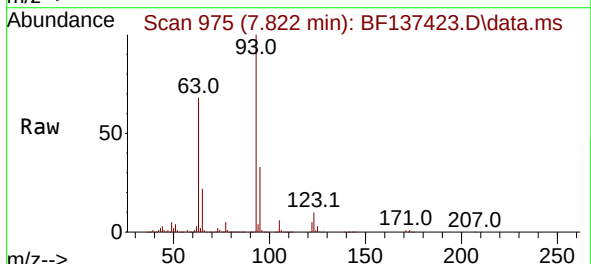
Tgt Ion: 93 Resp: 1109744

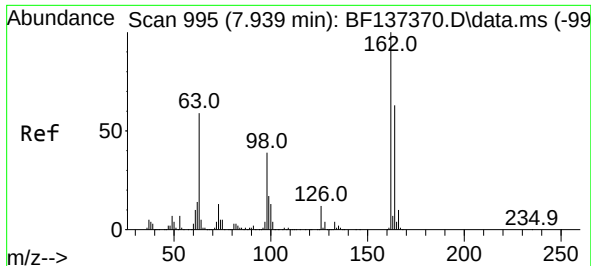
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 10.4 8.2 12.4

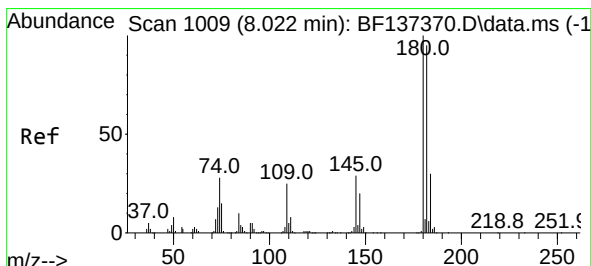
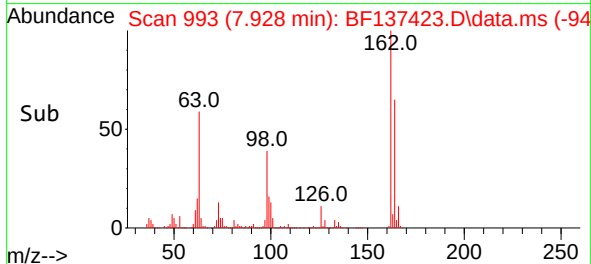
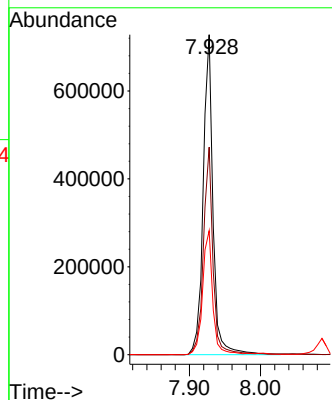
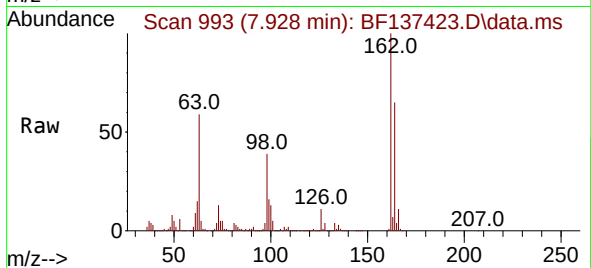




#29  
2,4-Dichlorophenol  
Concen: 47.391 ng  
RT: 7.928 min Scan# 995  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

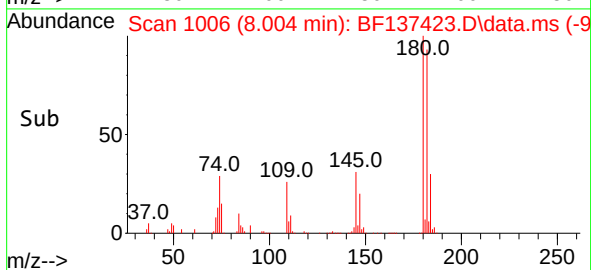
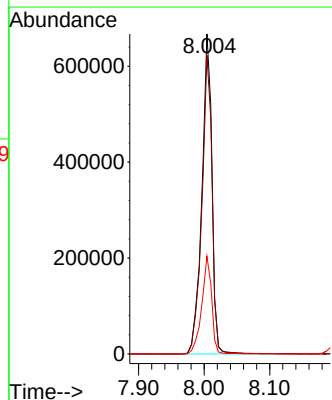
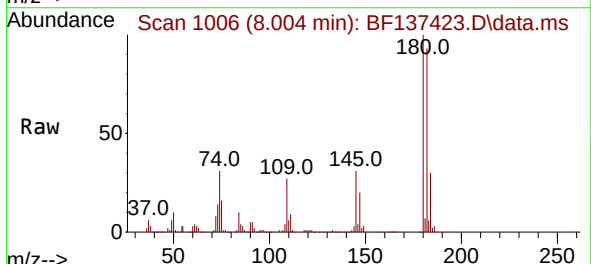
Instrument :  
BNA\_F  
ClientSampleId :

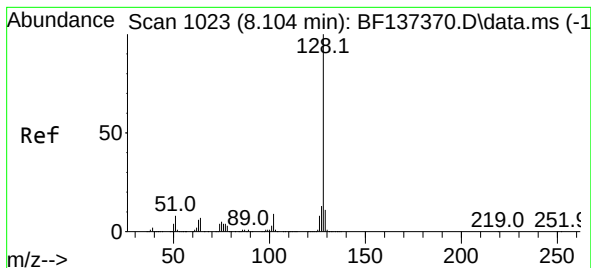
Tgt Ion:162 Resp: 702877  
Ion Ratio Lower Upper  
162 100  
164 64.8 43.1 83.1  
98 38.8 19.0 59.0



#30  
1,2,4-Trichlorobenzene  
Concen: 45.165 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.018 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:180 Resp: 719005  
Ion Ratio Lower Upper  
180 100  
182 93.3 75.8 113.6  
145 30.5 23.4 35.0





#31

Naphthalene

Concen: 42.512 ng

RT: 8.087 min Scan# 10

Delta R.T. -0.017 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

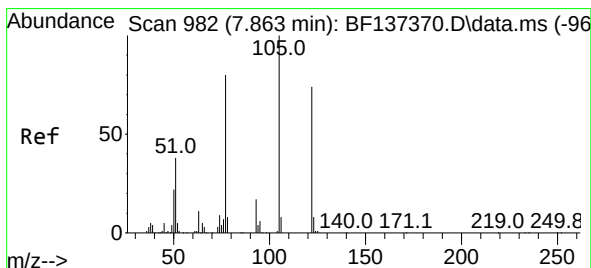
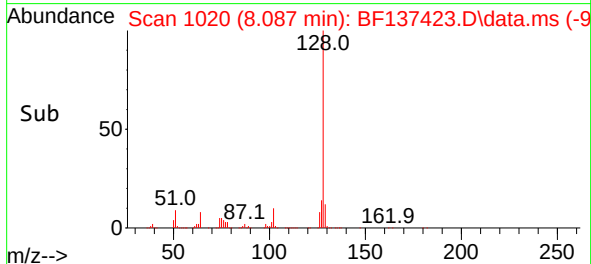
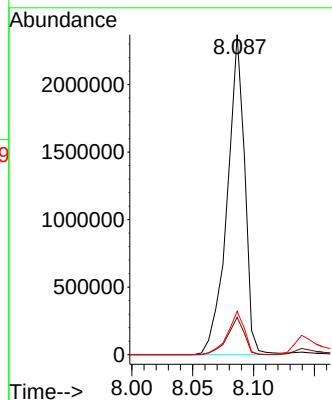
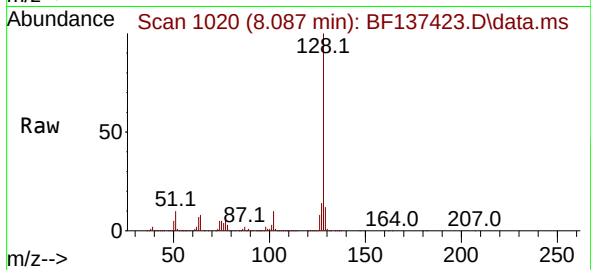
Tgt Ion:128 Resp: 2369867

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

127 13.5 10.6 16.0



#32

Benzoic acid

Concen: 48.927 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

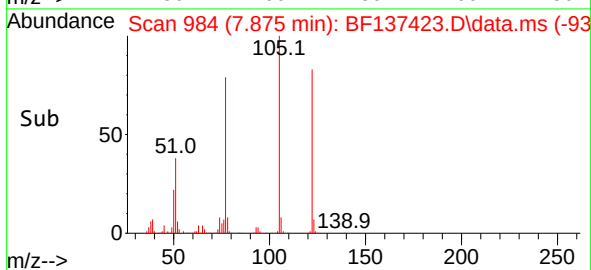
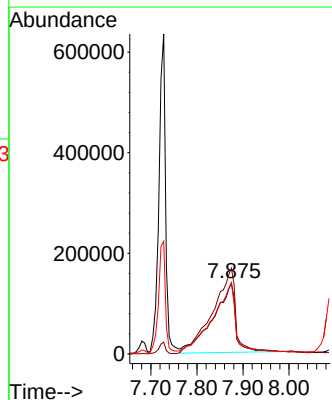
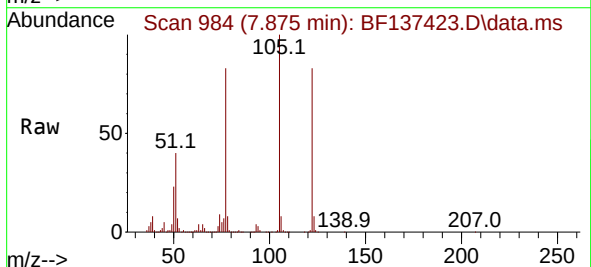
Tgt Ion:122 Resp: 475284

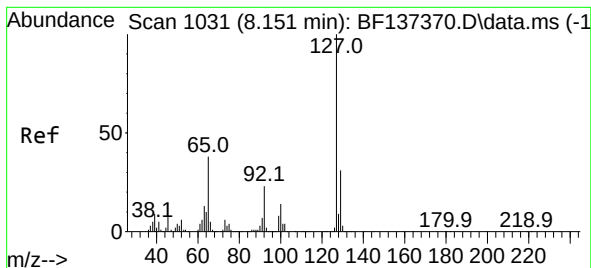
Ion Ratio Lower Upper

122 100

105 120.7 101.1 141.1

77 99.9 82.8 122.8





#33

4-Chloroaniline

Concen: 11.469 ng

RT: 8.139 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 243156

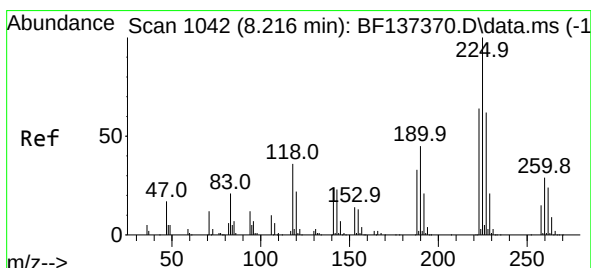
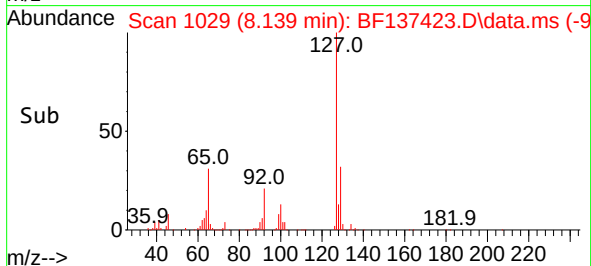
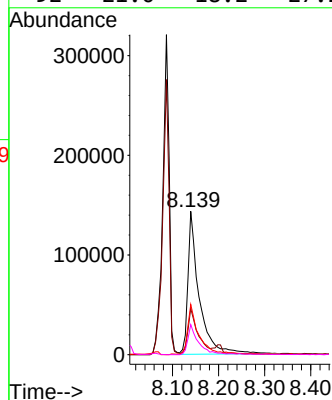
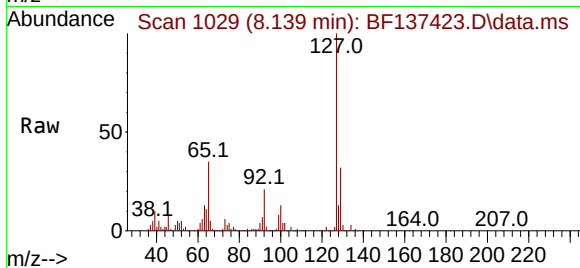
Ion Ratio Lower Upper

127 100

129 32.2 25.0 37.6

65 35.1 30.4 45.6

92 21.0 18.2 27.2



#34

Hexachlorobutadiene

Concen: 42.823 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

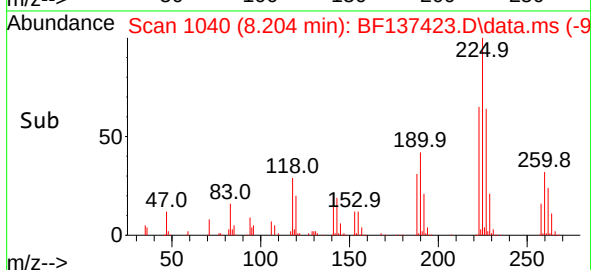
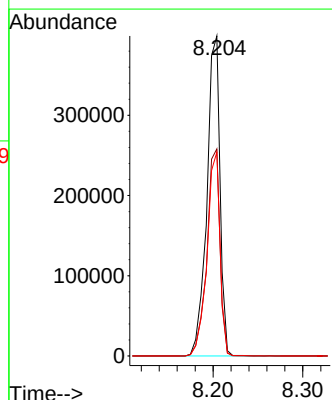
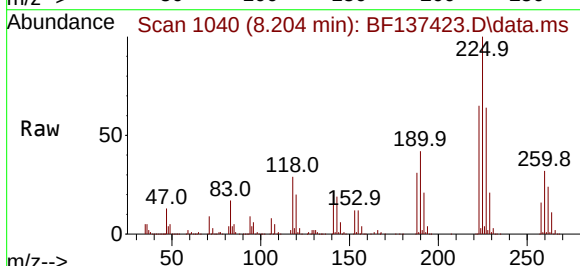
Tgt Ion:225 Resp: 404984

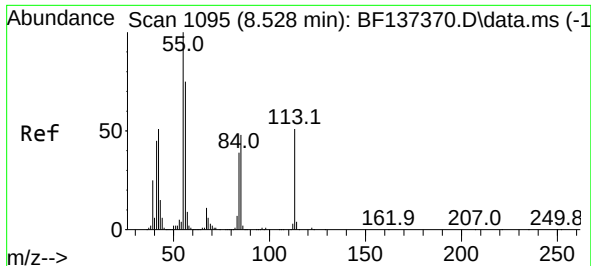
Ion Ratio Lower Upper

225 100

223 64.7 51.4 77.0

227 63.7 49.8 74.6

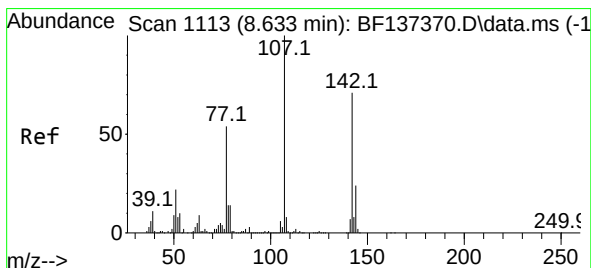
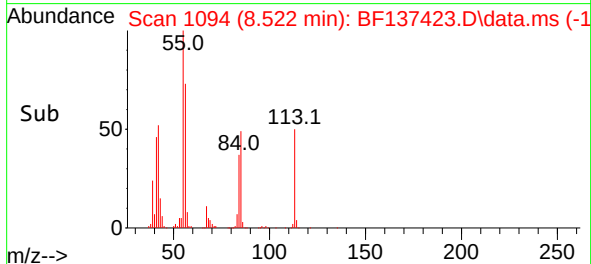
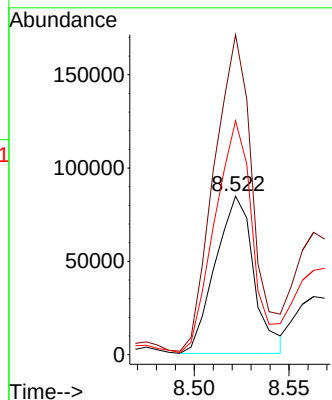
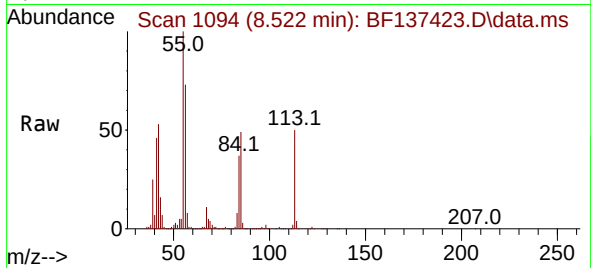




#35  
Caprolactam  
Concen: 25.981 ng  
RT: 8.522 min Scan# 1095  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

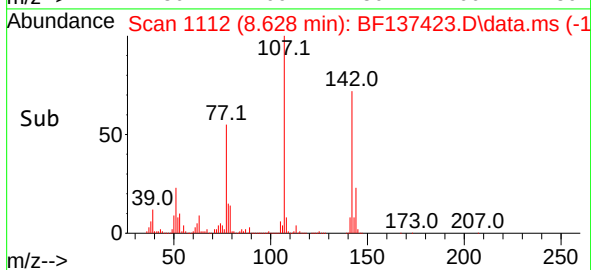
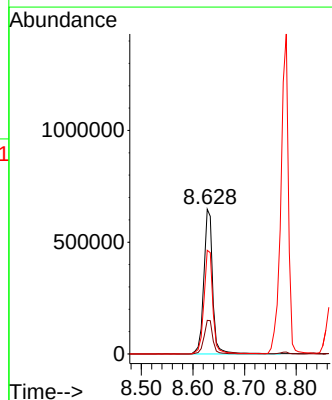
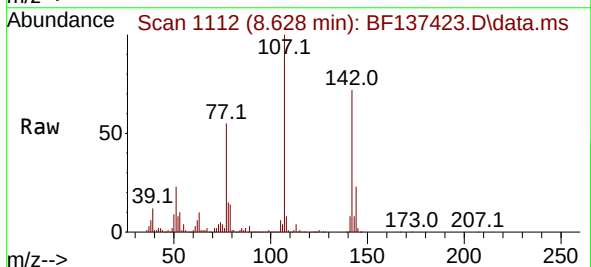
Instrument :  
BNA\_F  
ClientSampleId :

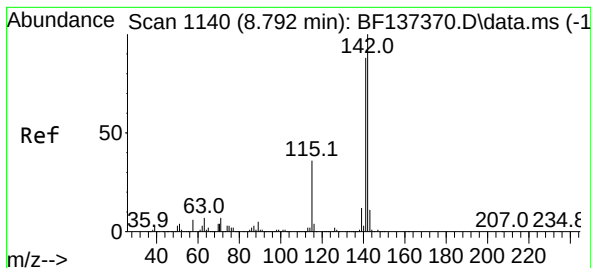
Tgt Ion:113 Resp: 119167  
Ion Ratio Lower Upper  
113 100  
55 201.9 176.3 216.3  
56 147.6 127.6 167.6



#36  
4-Chloro-3-methylphenol  
Concen: 45.637 ng  
RT: 8.628 min Scan# 1112  
Delta R.T. -0.005 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:107 Resp: 767351  
Ion Ratio Lower Upper  
107 100  
144 23.2 18.9 28.3  
142 71.6 56.6 85.0





#37

2-Methylnaphthalene

Concen: 40.231 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

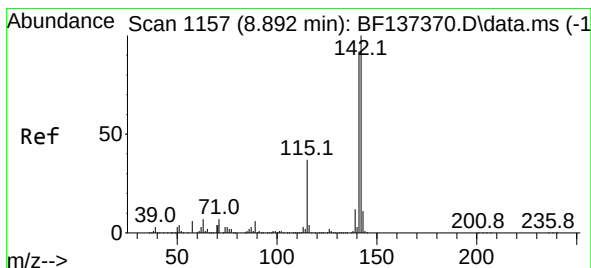
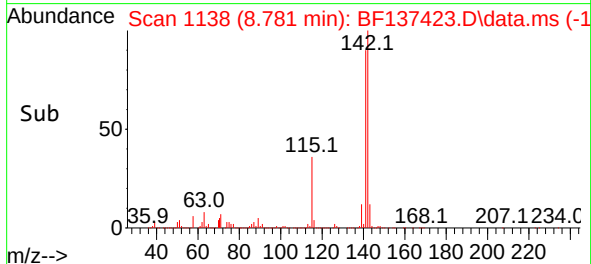
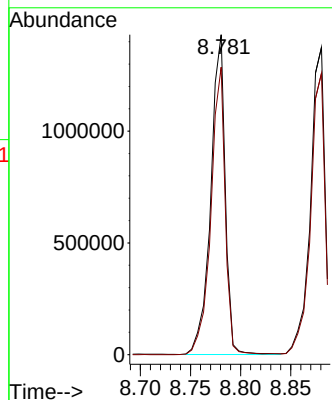
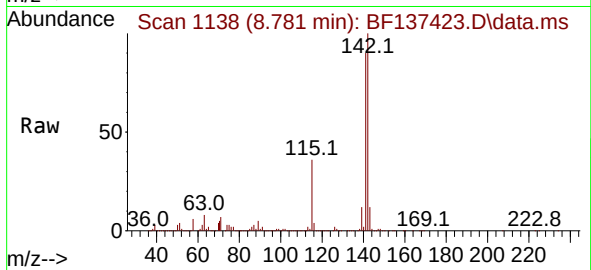
ClientSampleId :

Tgt Ion:142 Resp: 1445121

Ion Ratio Lower Upper

142 100

141 89.8 70.3 105.5



#38

1-Methylnaphthalene

Concen: 40.651 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF137423.D

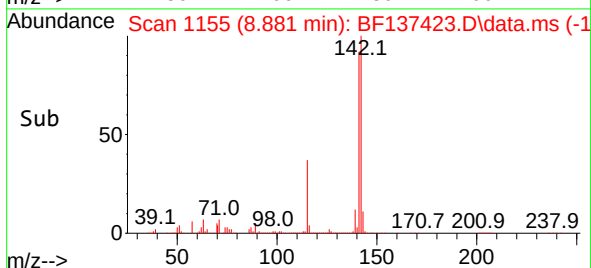
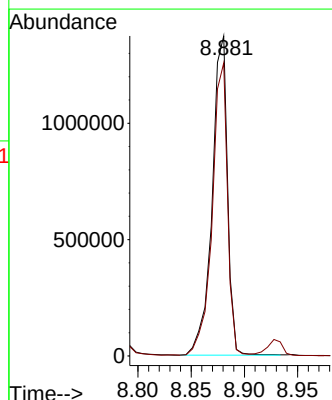
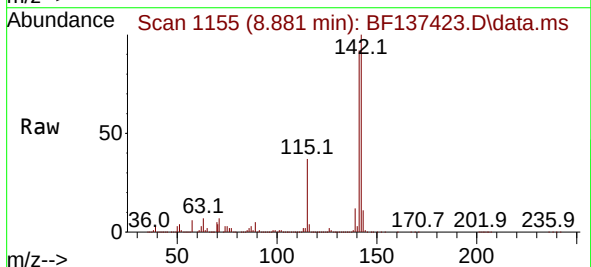
Acq: 28 Feb 2024 15:23

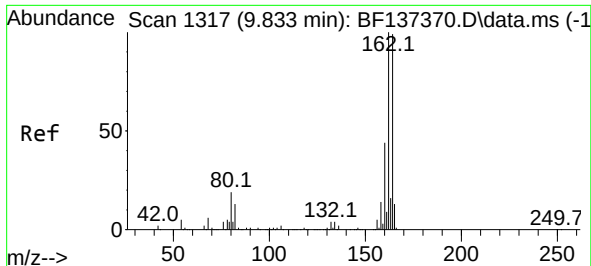
Tgt Ion:142 Resp: 1380587

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8

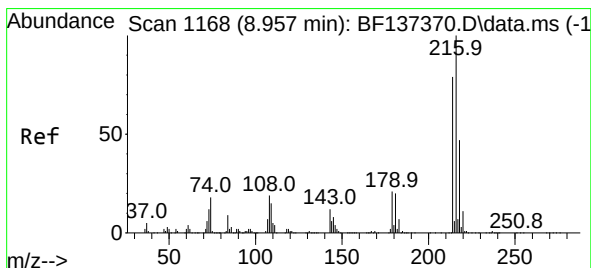
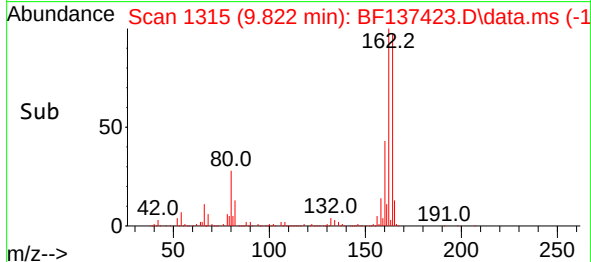
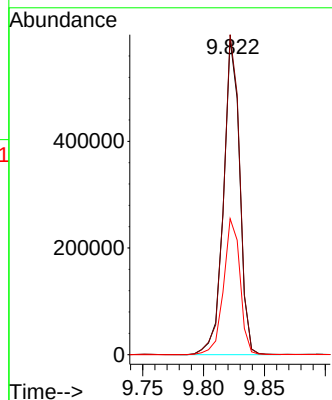
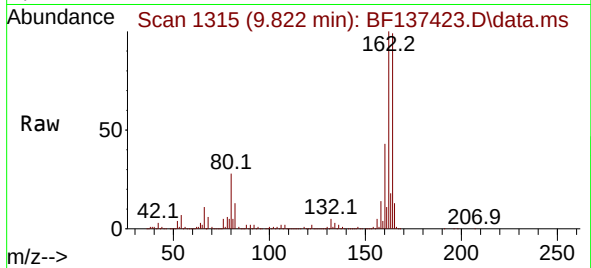




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1115  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

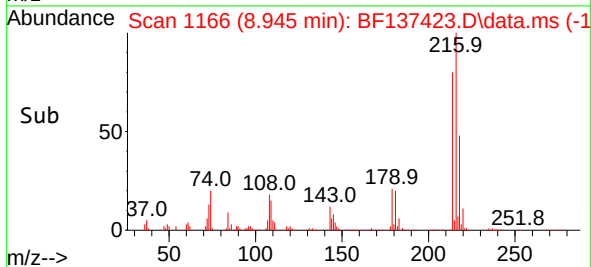
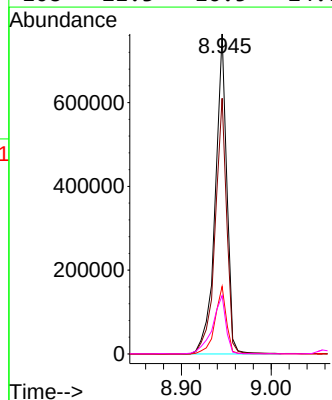
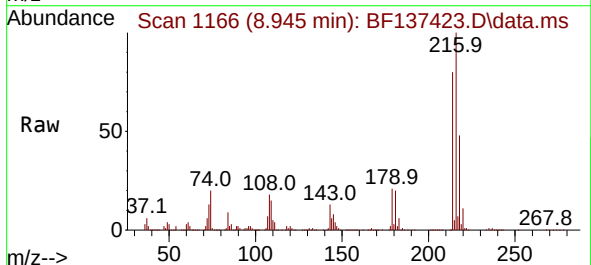
Instrument :  
BNA\_F  
ClientSampleId :

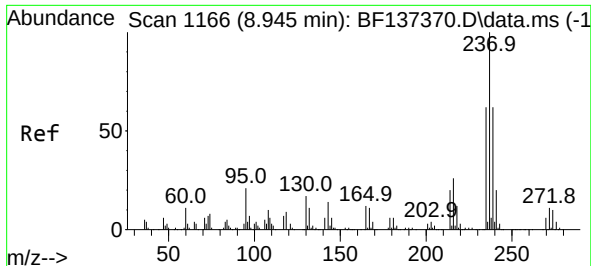
Tgt Ion:164 Resp: 548450  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.2 121.8  
160 43.1 35.7 53.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.336 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:216 Resp: 684838  
Ion Ratio Lower Upper  
216 100  
214 80.3 62.3 93.5  
179 20.9 16.5 24.7  
108 21.3 16.5 24.7

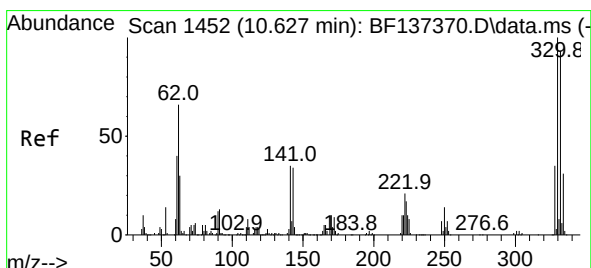
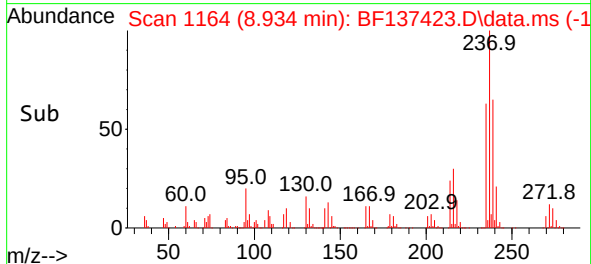
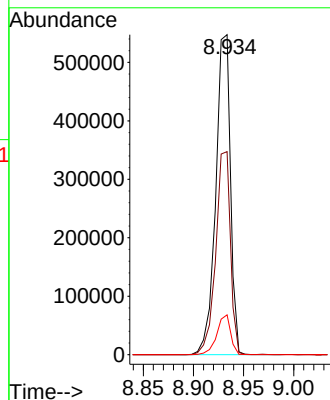
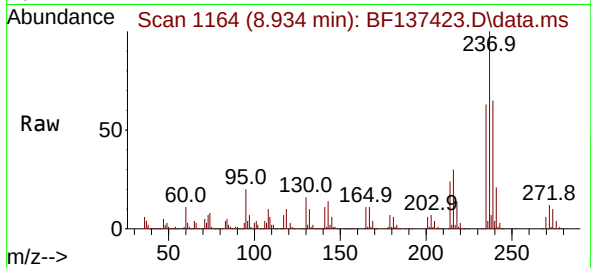




#41  
Hexachlorocyclopentadiene  
Concen: 81.688 ng  
RT: 8.934 min Scan# 1164  
Delta R.T. -0.011 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

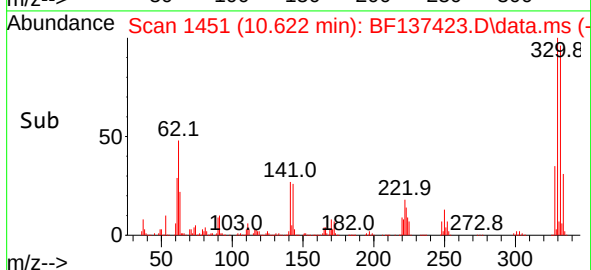
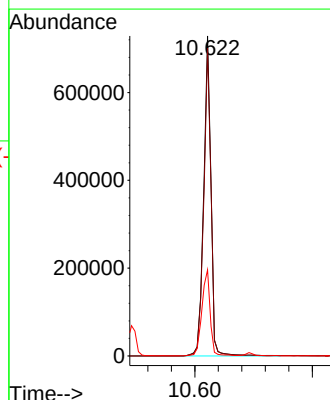
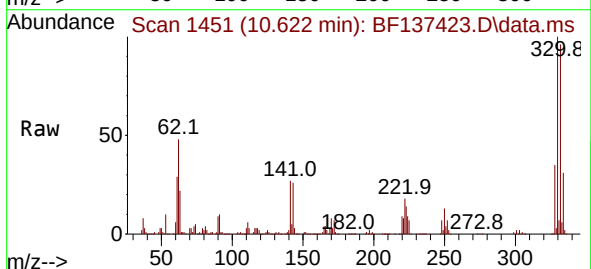
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:237 Resp: 559467  
Ion Ratio Lower Upper  
237 100  
235 63.5 42.0 82.0  
272 12.5 0.0 31.3

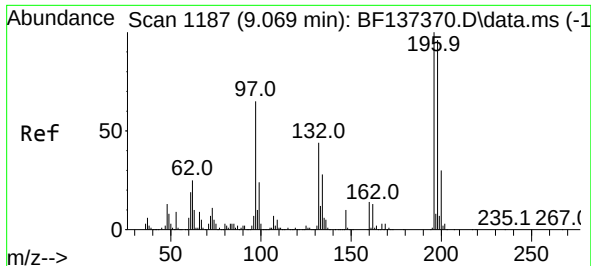


#42  
2,4,6-Tribromophenol  
Concen: 131.527 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:330 Resp: 628162  
Ion Ratio Lower Upper  
330 100  
332 96.0 75.6 113.4  
141 30.6 28.6 42.8



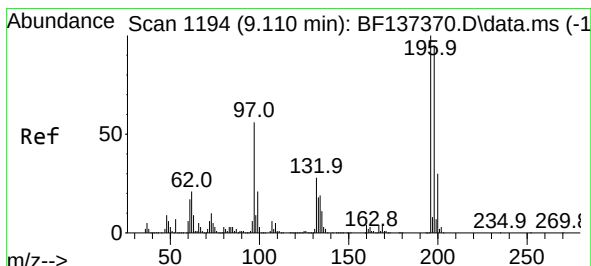
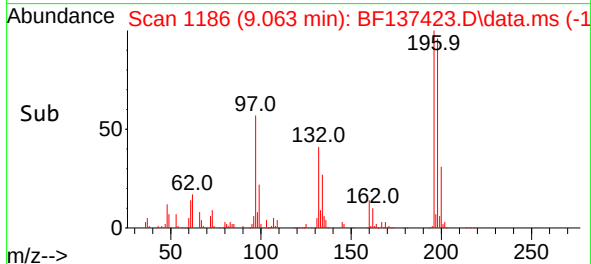
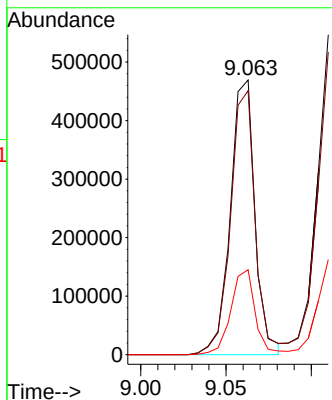
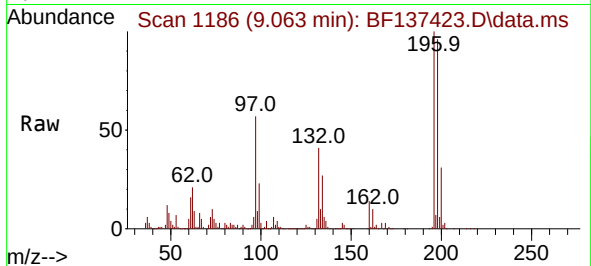




#43  
2,4,6-Trichlorophenol  
Concen: 48.210 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

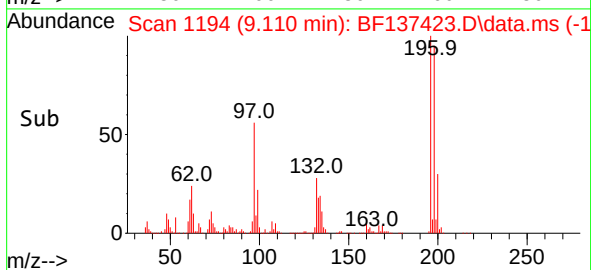
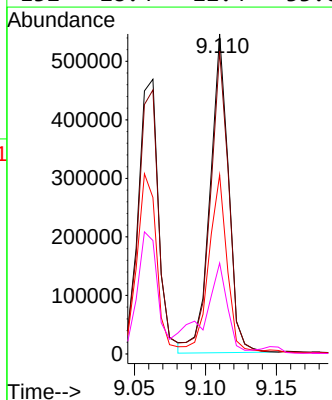
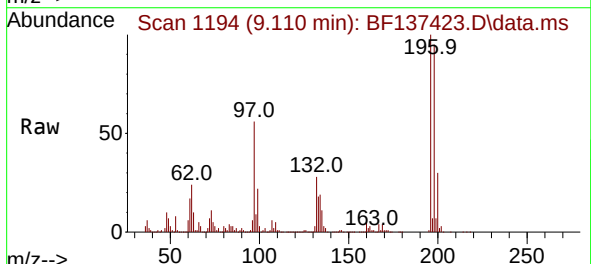
Instrument :  
BNA\_F  
ClientSampleId :

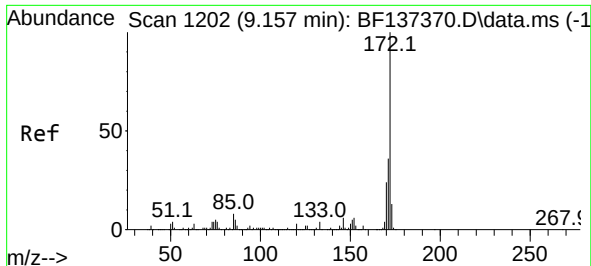
Tgt Ion:196 Resp: 472183  
Ion Ratio Lower Upper  
196 100  
198 96.1 77.0 115.4  
200 30.9 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 43.805 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:196 Resp: 492222  
Ion Ratio Lower Upper  
196 100  
198 94.6 75.6 113.4  
97 56.0 44.6 66.8  
132 28.4 22.4 33.6

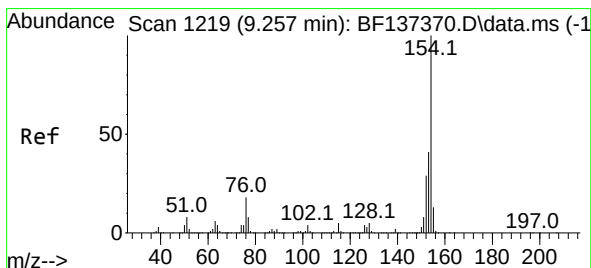
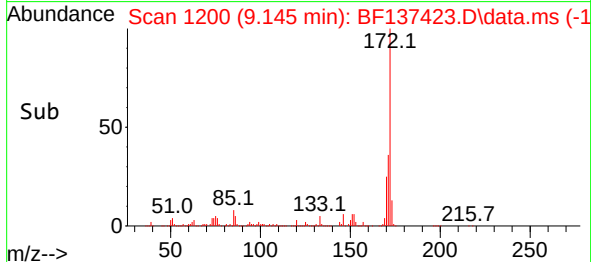
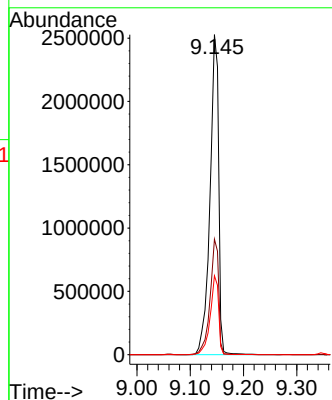
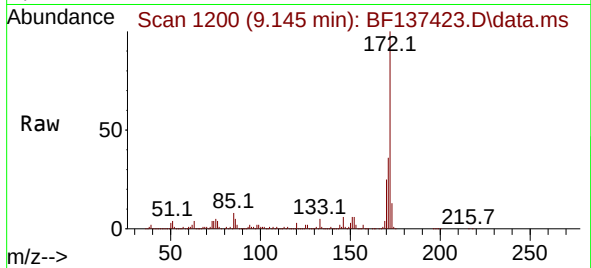




#45  
2-Fluorobiphenyl  
Concen: 81.039 ng  
RT: 9.145 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

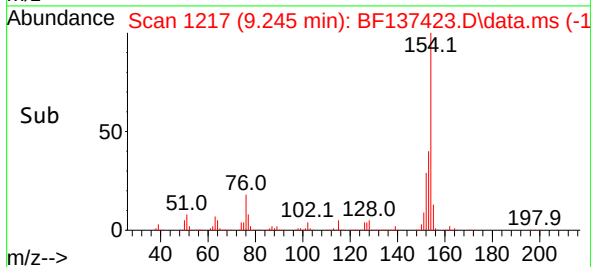
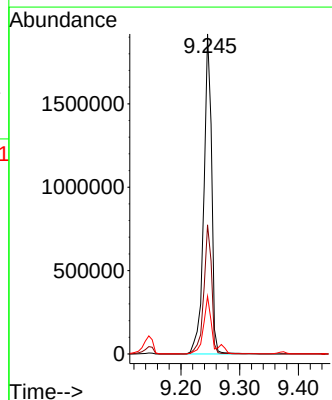
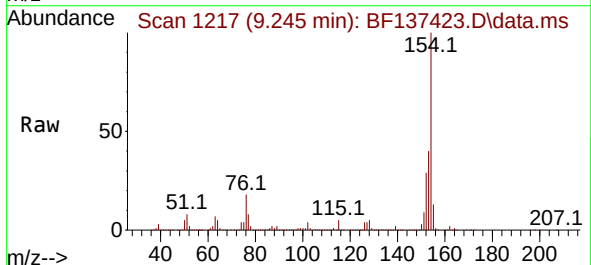
Instrument :  
BNA\_F  
ClientSampleId :

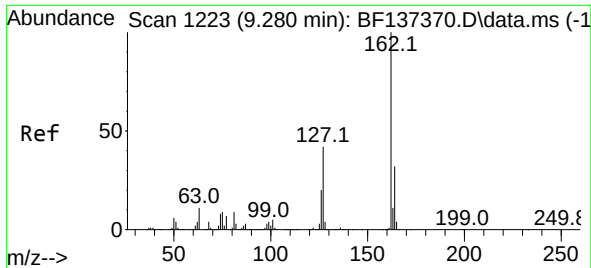
Tgt Ion:172 Resp: 2854880  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.7 43.1  
170 24.6 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 44.526 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:154 Resp: 1778604  
Ion Ratio Lower Upper  
154 100  
153 40.4 21.2 61.2  
76 18.0 0.0 37.9





#47

2-Chloronaphthalene

Concen: 46.283 ng

RT: 9.269 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

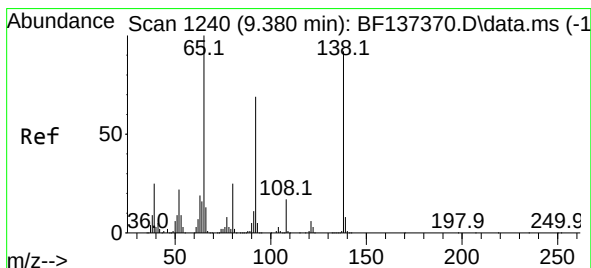
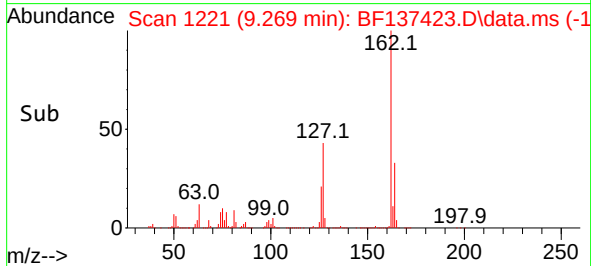
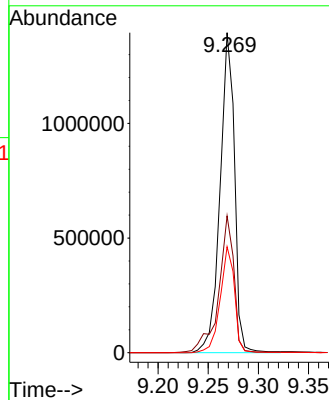
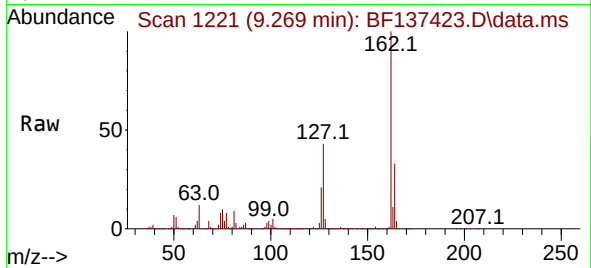
Tgt Ion:162 Resp: 1396214

Ion Ratio Lower Upper

162 100

127 42.8 33.6 50.4

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 53.388 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

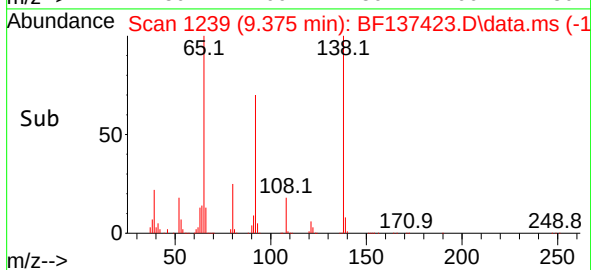
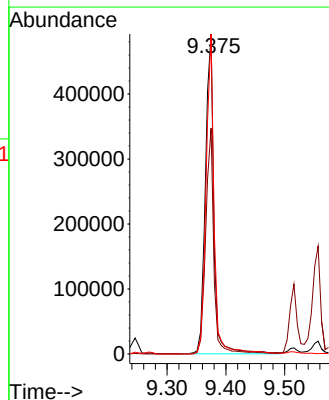
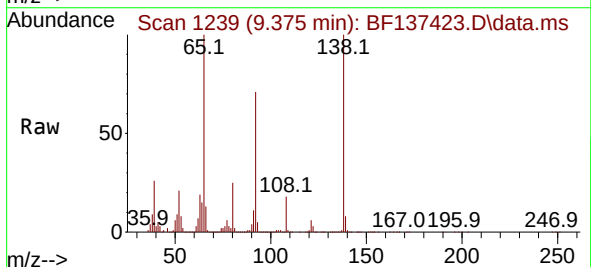
Tgt Ion: 65 Resp: 493935

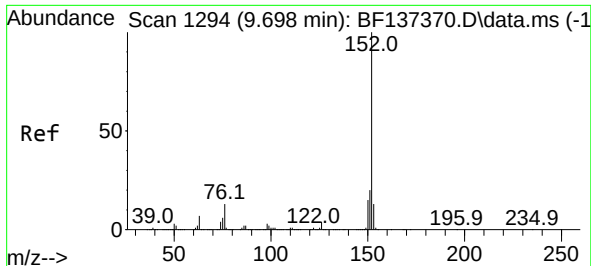
Ion Ratio Lower Upper

65 100

92 70.6 55.0 82.6

138 100.0 73.7 110.5

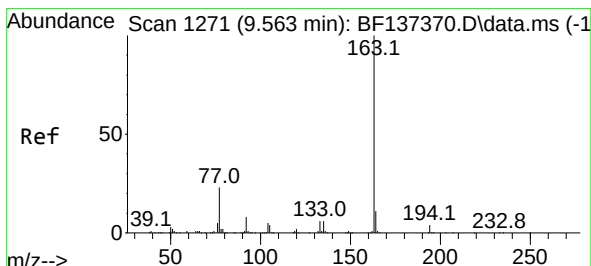
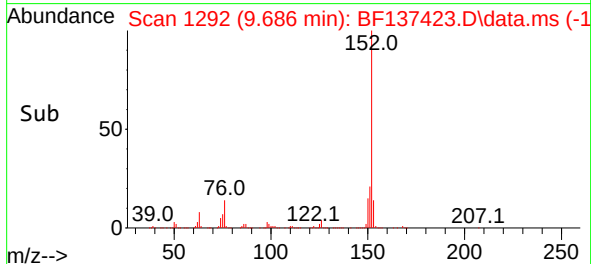
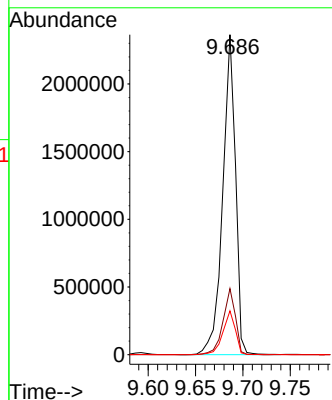
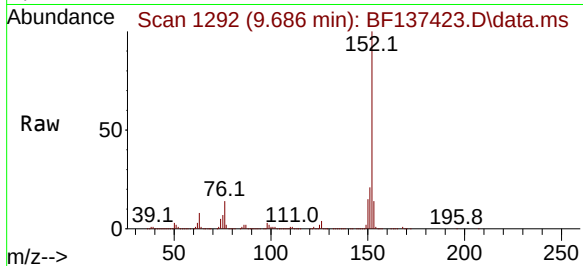




#49  
Acenaphthylene  
Concen: 45.310 ng  
RT: 9.686 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

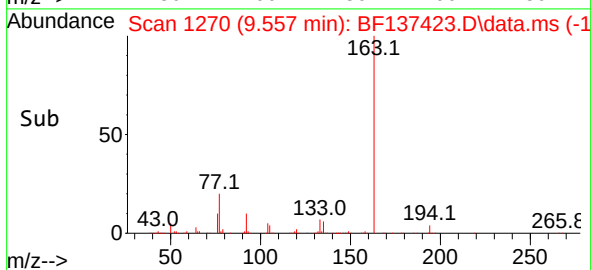
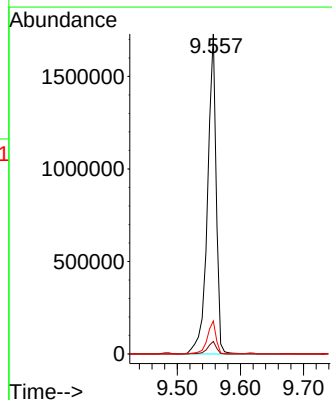
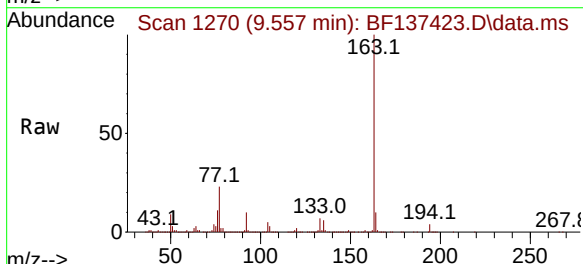
Instrument :  
BNA\_F  
ClientSampleId :

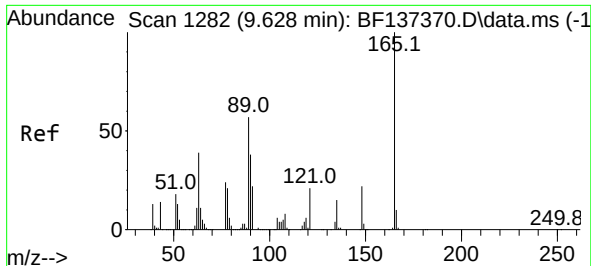
Tgt Ion:152 Resp: 2220744  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.4  
153 13.7 10.6 15.8



#50  
Dimethylphthalate  
Concen: 43.688 ng  
RT: 9.557 min Scan# 1270  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:163 Resp: 1655679  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 51.217 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.012 min

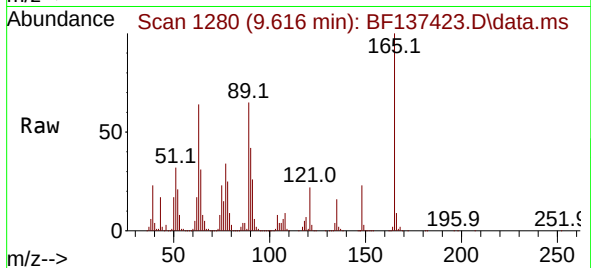
Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :



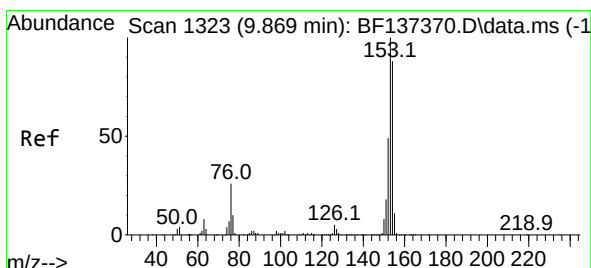
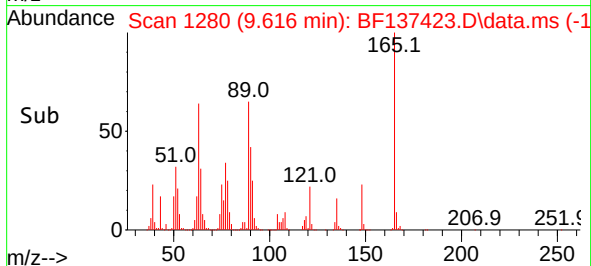
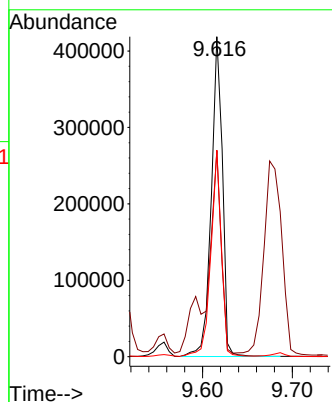
Tgt Ion:165 Resp: 361099

Ion Ratio Lower Upper

165 100

63 64.4 41.6 62.4#

89 64.6 45.8 68.6



#52

Acenaphthene

Concen: 42.530 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

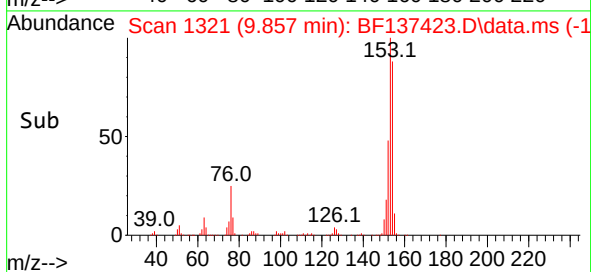
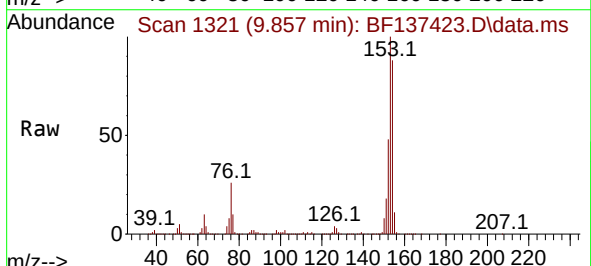
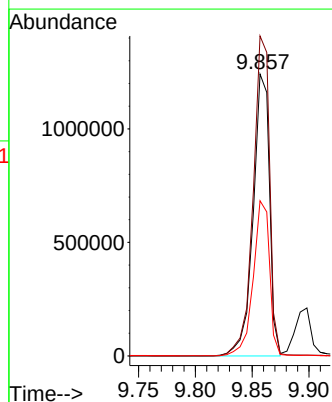
Tgt Ion:154 Resp: 1244309

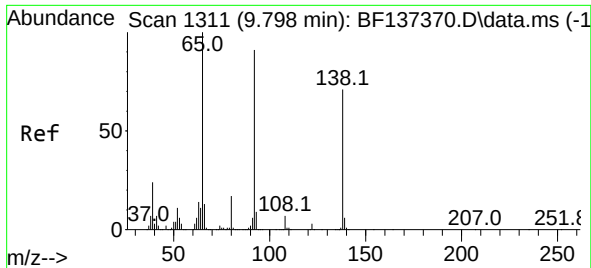
Ion Ratio Lower Upper

154 100

153 113.5 90.6 135.8

152 55.0 44.1 66.1

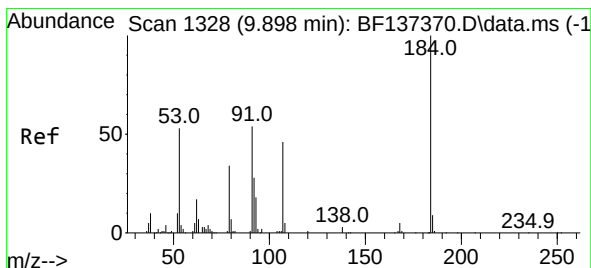
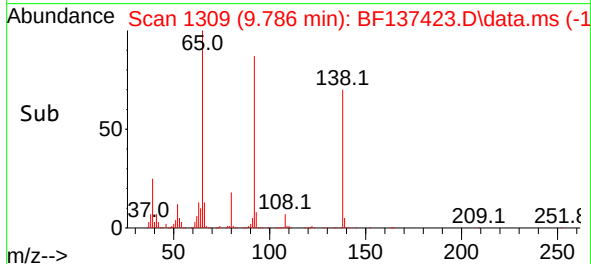
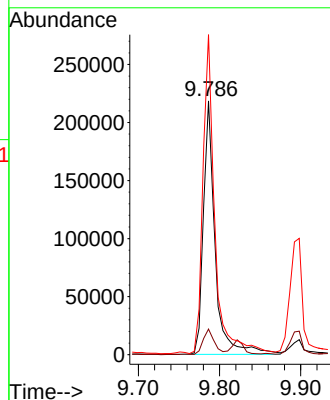
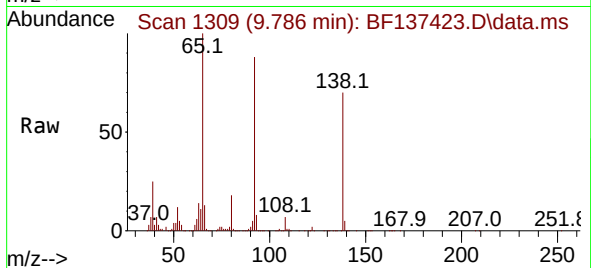




#53  
3-Nitroaniline  
Concen: 28.313 ng  
RT: 9.786 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

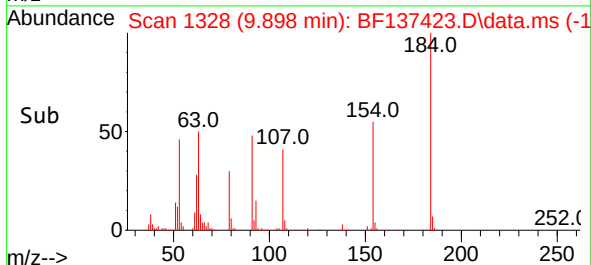
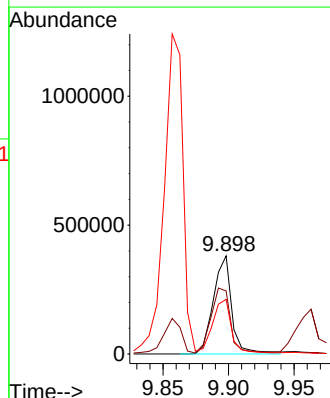
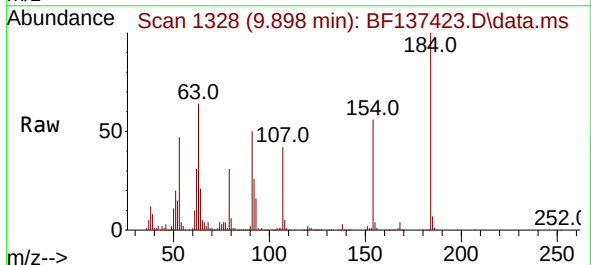
Instrument :  
BNA\_F  
ClientSampleId :

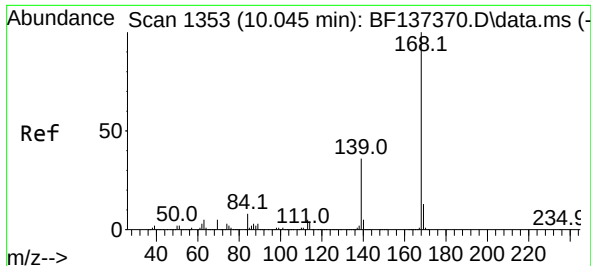
Tgt Ion:138 Resp: 219894  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.2 12.2  
92 126.1 102.2 153.2



#54  
2,4-Dinitrophenol  
Concen: 104.025 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

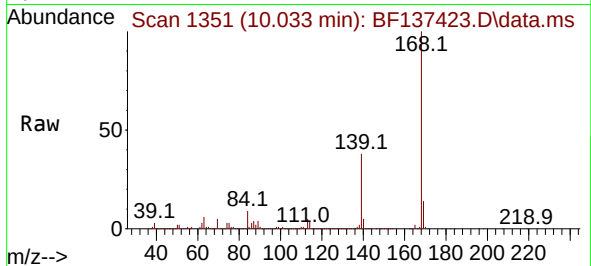
Tgt Ion:184 Resp: 371629  
Ion Ratio Lower Upper  
184 100  
63 64.2 55.9 83.9  
154 55.6 47.6 71.4



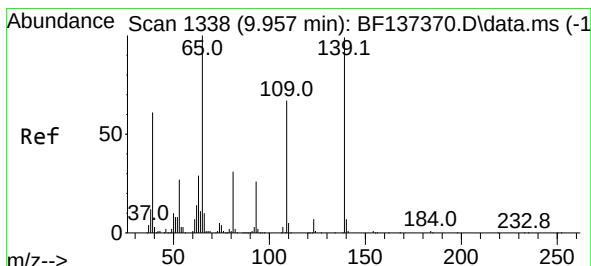
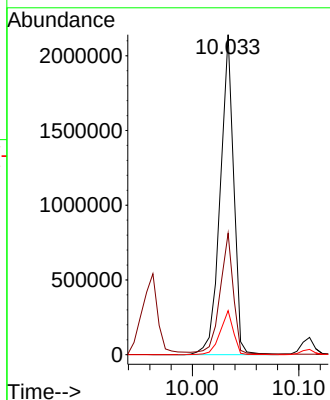
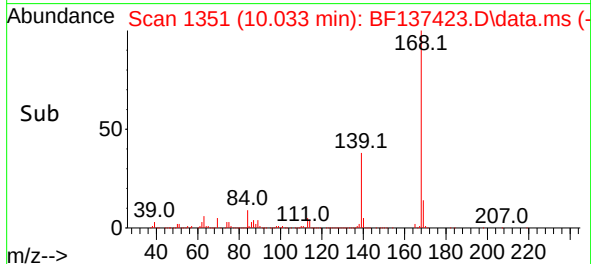


#55  
Dibenzenofuran  
Concen: 41.463 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :

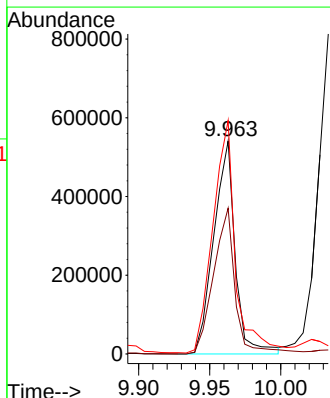
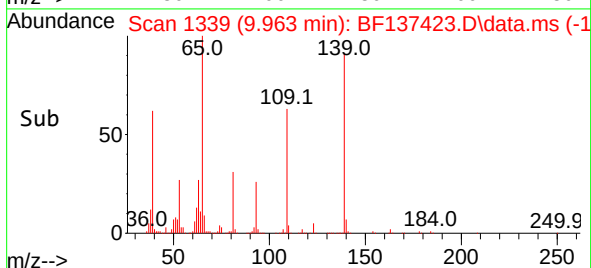
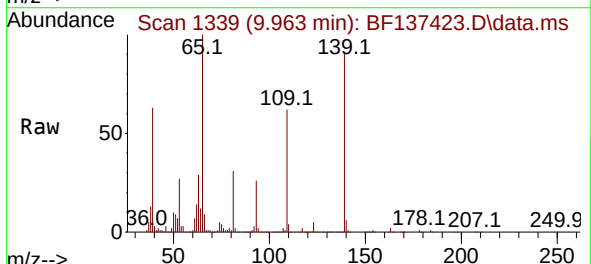


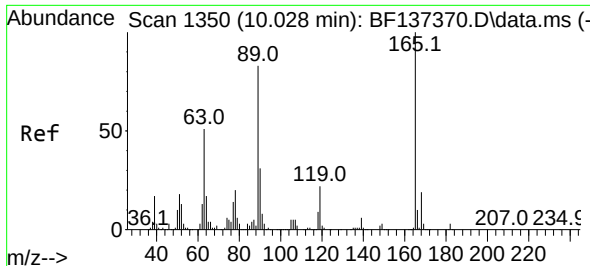
Tgt Ion:168 Resp: 1874917  
Ion Ratio Lower Upper  
168 100  
139 38.0 28.9 43.3  
169 13.8 10.8 16.2



#56  
4-Nitrophenol  
Concen: 94.126 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:139 Resp: 567536  
Ion Ratio Lower Upper  
139 100  
109 68.5 48.0 88.0  
65 109.6 82.2 122.2

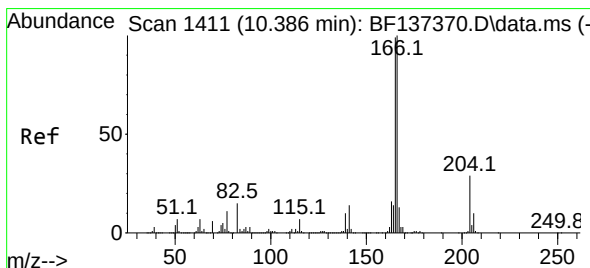
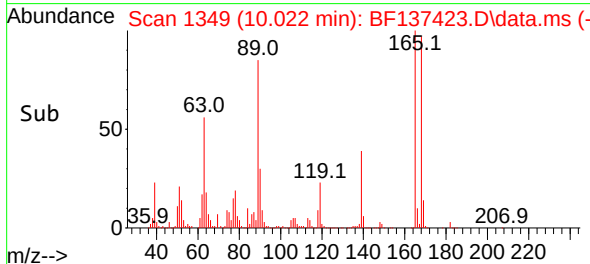
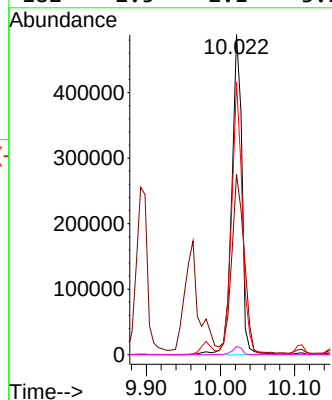
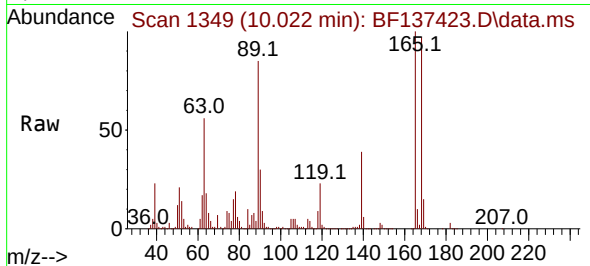




#57  
2,4-Dinitrotoluene  
Concen: 51.786 ng  
RT: 10.022 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

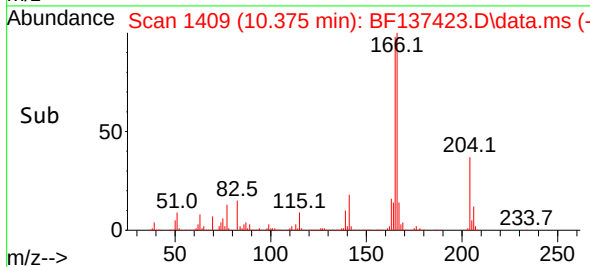
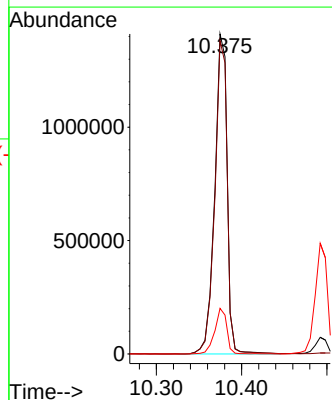
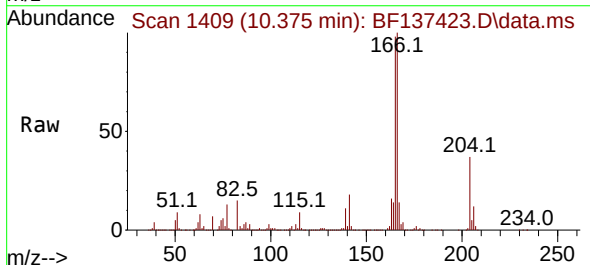
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:165 Resp: 462367  
Ion Ratio Lower Upper  
165 100  
63 56.3 41.1 61.7  
89 85.1 66.6 100.0  
182 2.5 2.1 3.1

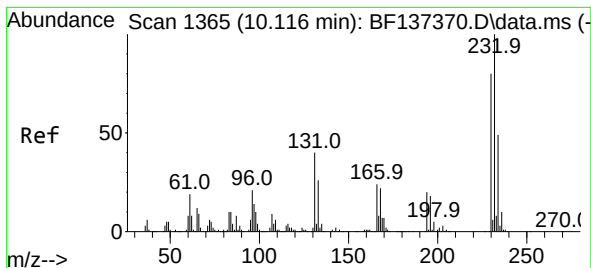


#58  
Fluorene  
Concen: 41.436 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:166 Resp: 1430914  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.8 118.2  
167 14.3 10.5 15.7

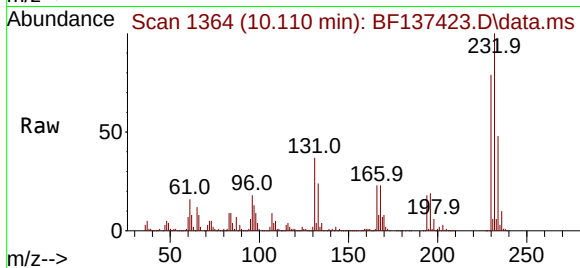




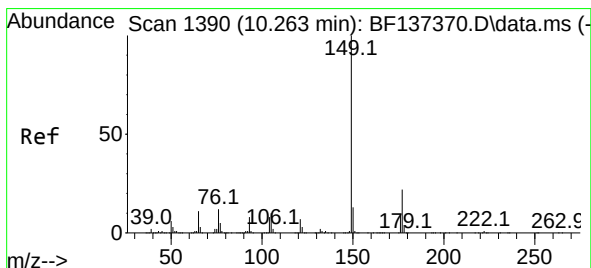
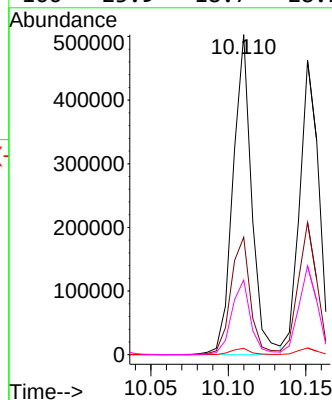
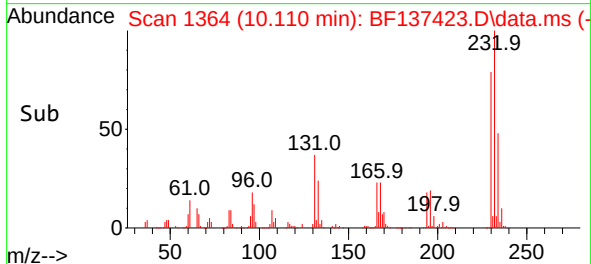


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.474 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. -0.047 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

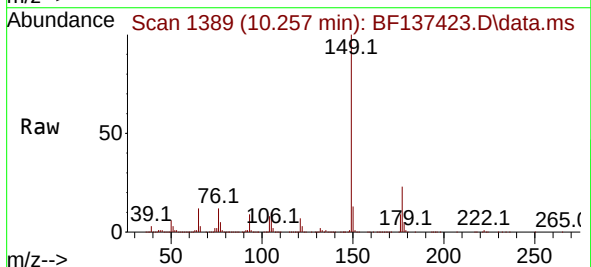
Instrument :  
BNA\_F  
ClientSampleId :



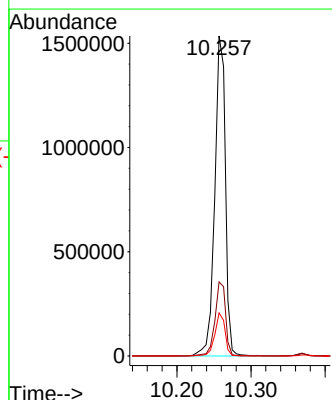
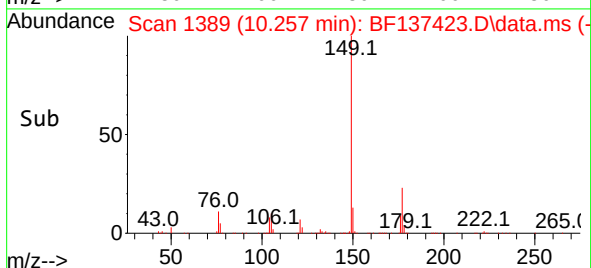
Tgt Ion:232 Resp: 423133  
Ion Ratio Lower Upper  
232 100  
131 38.9 31.1 46.7  
130 2.1 1.8 2.6  
166 23.9 18.7 28.1

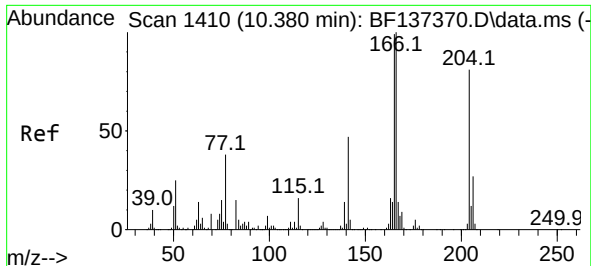


#60  
Diethylphthalate  
Concen: 43.189 ng  
RT: 10.257 min Scan# 1389  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23



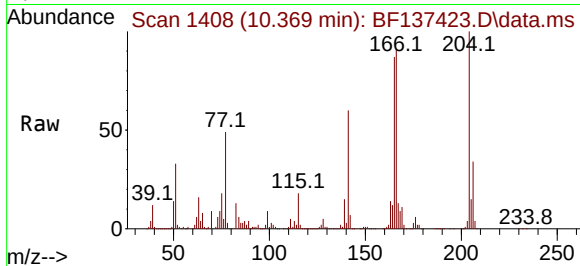
Tgt Ion:149 Resp: 1528150  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.0 27.0  
150 13.5 10.2 15.2



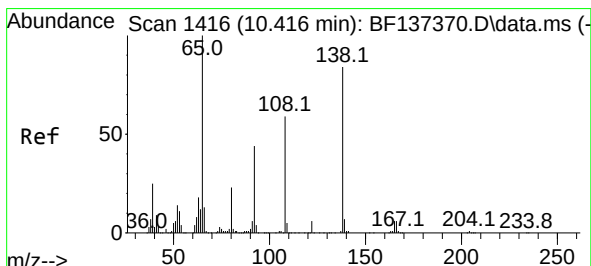
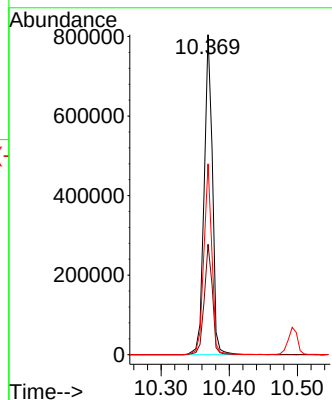
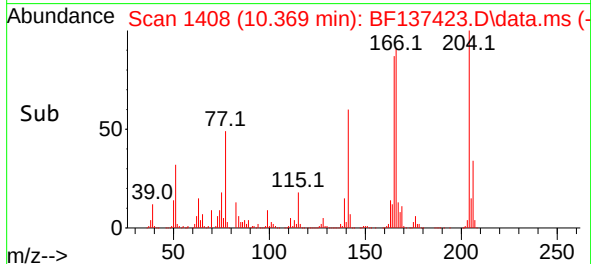


#61  
4-Chlorophenyl-phenylether  
Concen: 39.987 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :

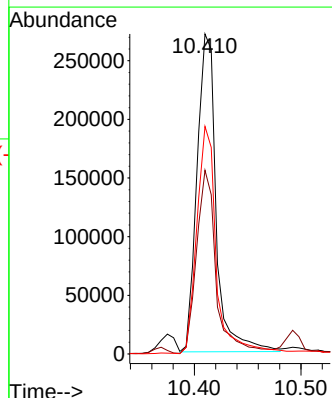
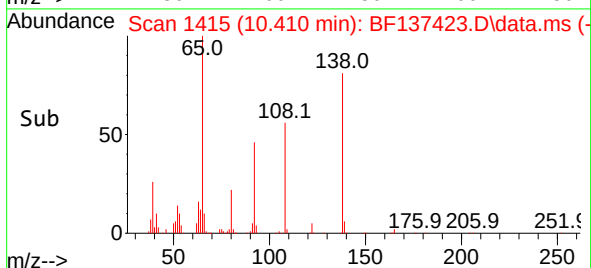
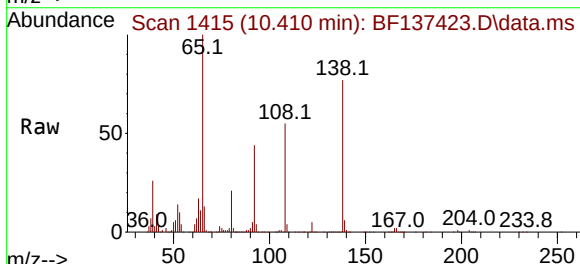


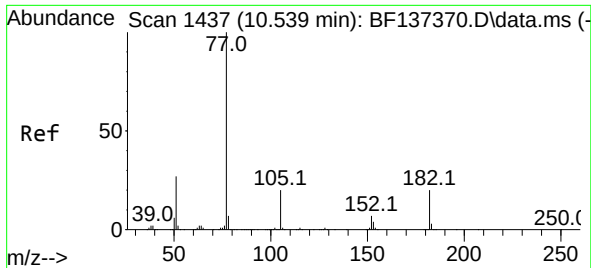
Tgt Ion:204 Resp: 679270  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.8 40.2  
141 59.7 46.4 69.6



#62  
4-Nitroaniline  
Concen: 46.100 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

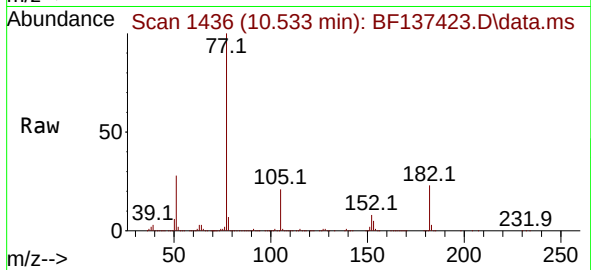
Tgt Ion:138 Resp: 341416  
Ion Ratio Lower Upper  
138 100  
92 57.4 33.4 73.4  
108 71.1 50.4 90.4





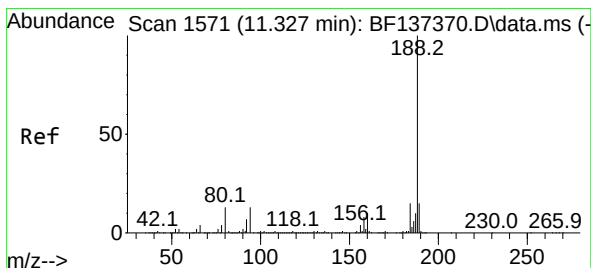
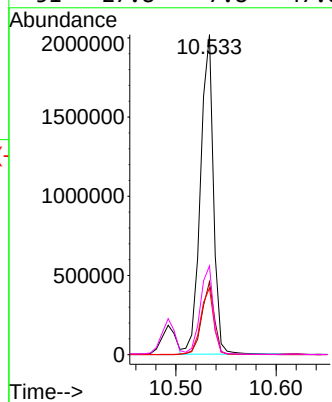
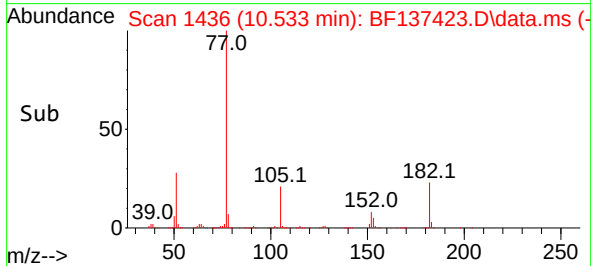
#63  
Azobenzene  
Concen: 42.914 ng  
RT: 10.533 min Scan# 1437  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 77 Resp: 1816687

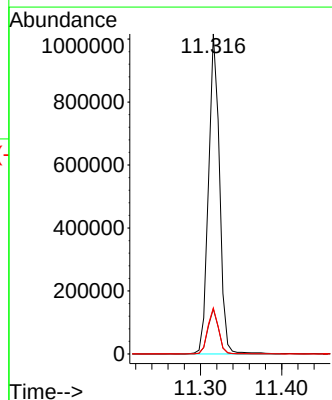
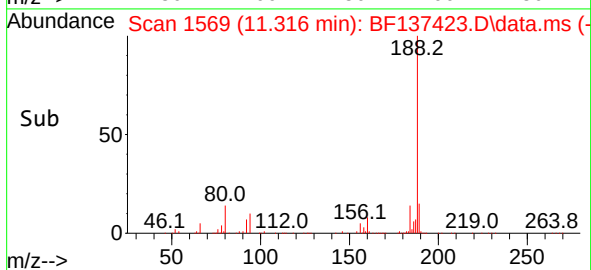
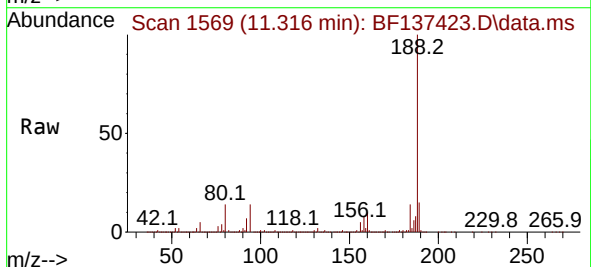
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 22.8  | 0.0   | 39.6  |
| 105 | 20.9  | 0.4   | 40.4  |
| 51  | 27.8  | 7.8   | 47.8  |

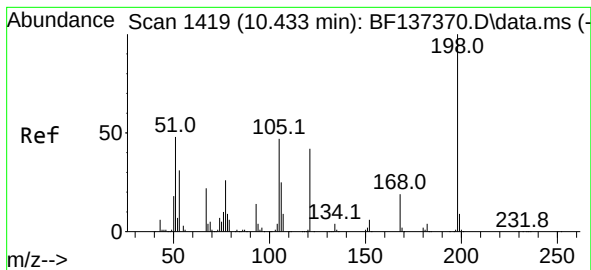


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion: 188 Resp: 952816

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 14.0  | 10.2  | 15.2  |
| 80  | 14.4  | 10.7  | 16.1  |

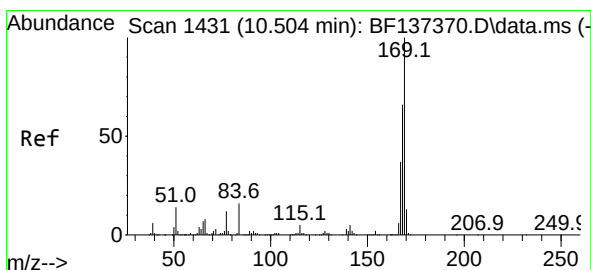
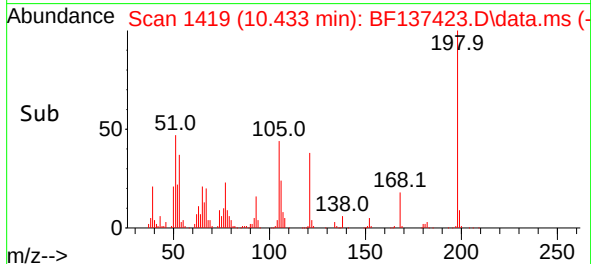
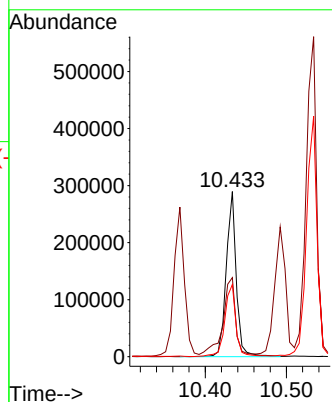
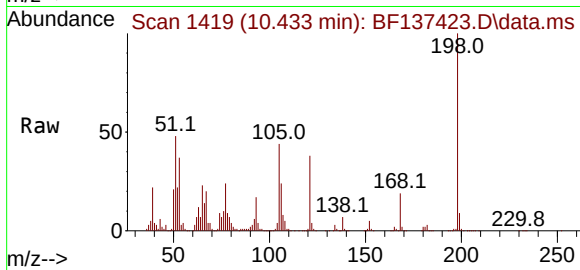




#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.112 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

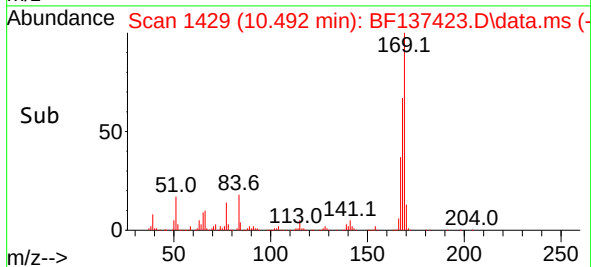
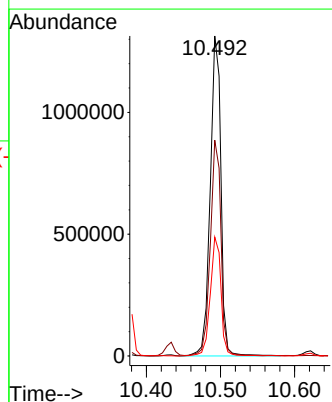
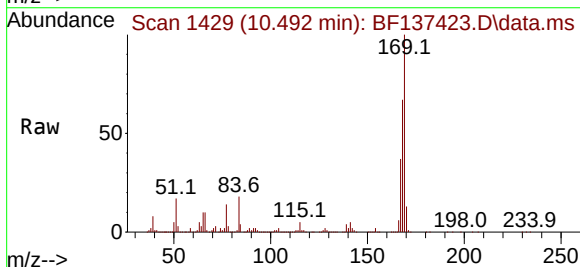
Instrument :  
BNA\_F  
ClientSampleId :

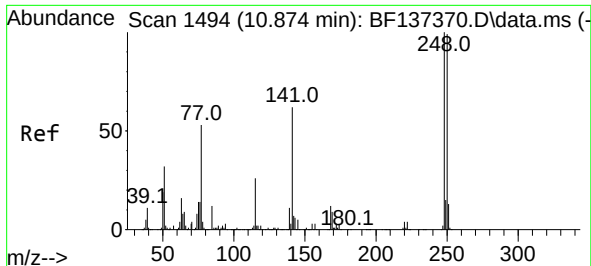
Tgt Ion:198 Resp: 249924  
Ion Ratio Lower Upper  
198 100  
51 47.8 36.8 76.8  
105 43.7 28.5 68.5



#66  
n-Nitrosodiphenylamine  
Concen: 42.374 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

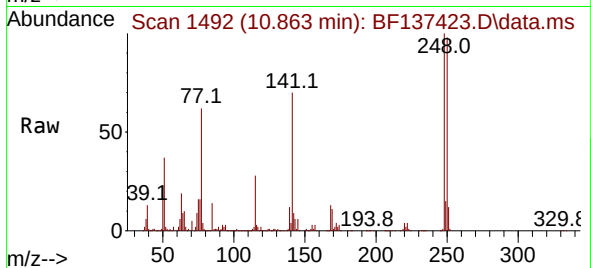
Tgt Ion:169 Resp: 1311246  
Ion Ratio Lower Upper  
169 100  
168 67.4 53.0 79.4  
167 37.1 29.2 43.8



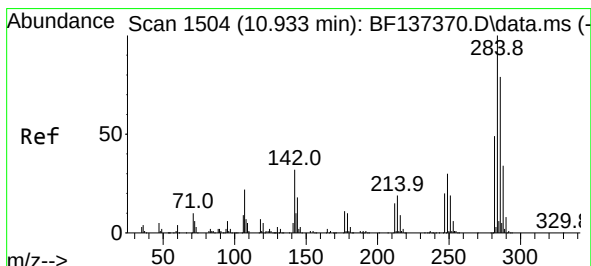
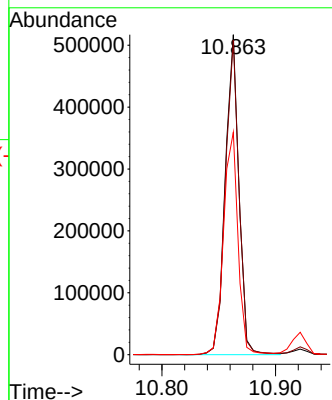
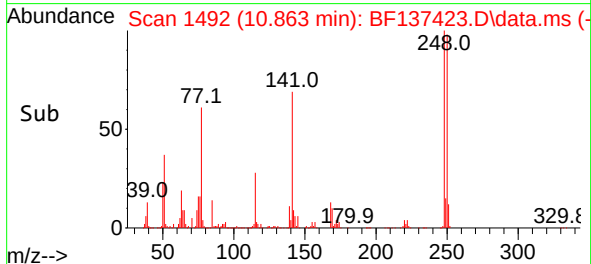


#67  
4-Bromophenyl-phenylether  
Concen: 42.348 ng  
RT: 10.863 min Scan# 1492  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :

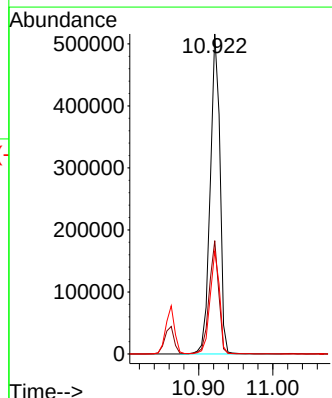
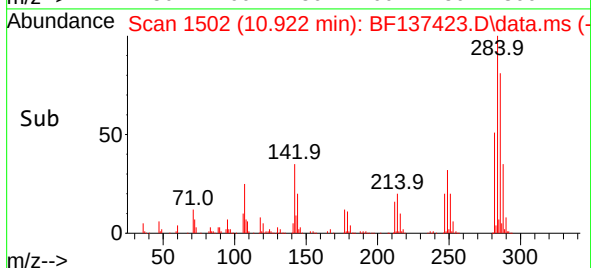
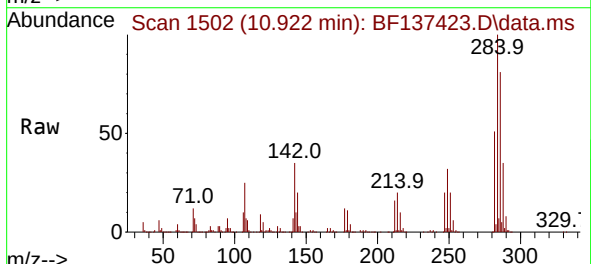


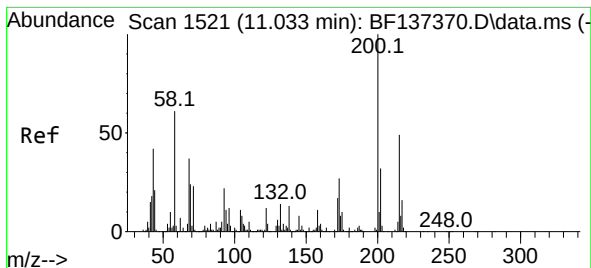
Tgt Ion:248 Resp: 433778  
Ion Ratio Lower Upper  
248 100  
250 98.3 79.0 118.6  
141 69.5 49.9 74.9



#68  
Hexachlorobenzene  
Concen: 44.440 ng  
RT: 10.922 min Scan# 1502  
Delta R.T. -0.012 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:284 Resp: 470892  
Ion Ratio Lower Upper  
284 100  
142 35.4 25.4 38.0  
249 32.1 24.2 36.4





#69

Atrazine

Concen: 45.942 ng

RT: 11.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

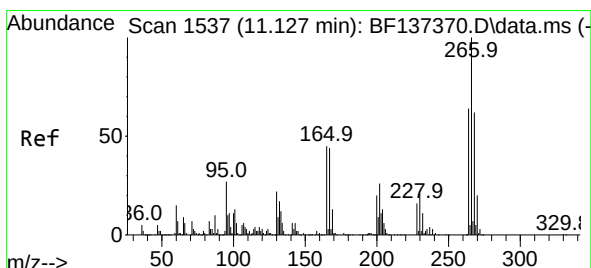
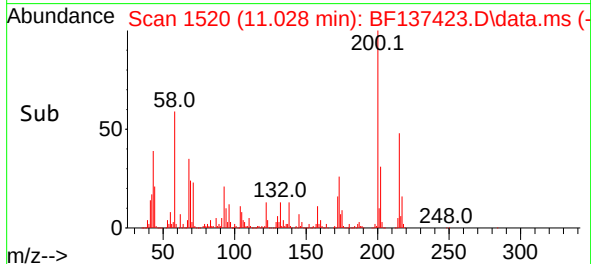
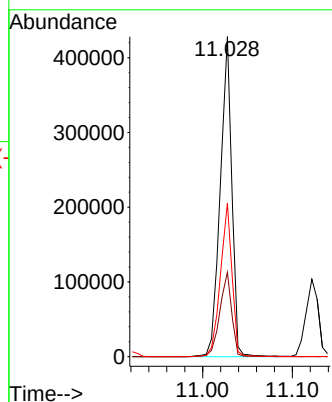
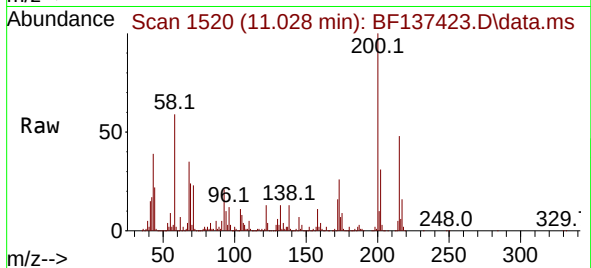
Tgt Ion:200 Resp: 383662

Ion Ratio Lower Upper

200 100

173 26.4 6.8 46.8

215 48.0 29.4 69.4



#70

Pentachlorophenol

Concen: 82.637 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

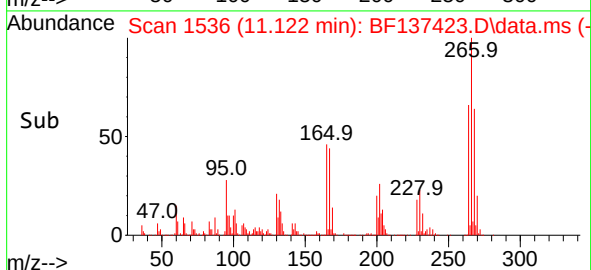
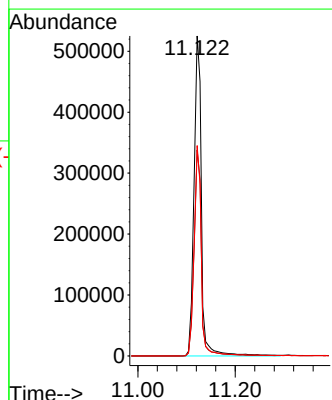
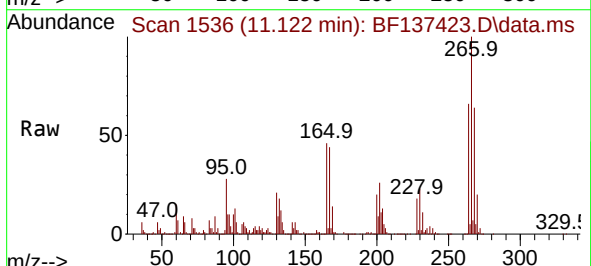
Tgt Ion:266 Resp: 554786

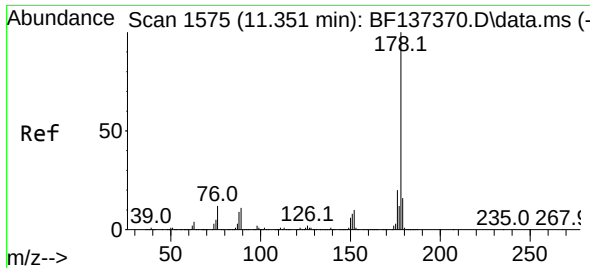
Ion Ratio Lower Upper

266 100

268 64.4 49.4 74.2

264 65.7 51.3 76.9

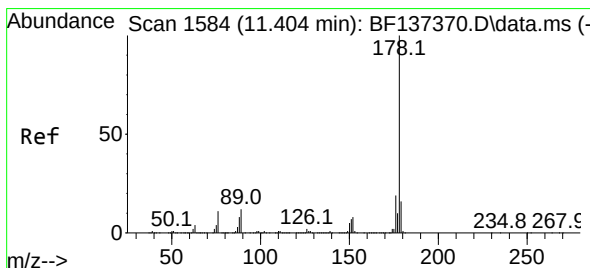
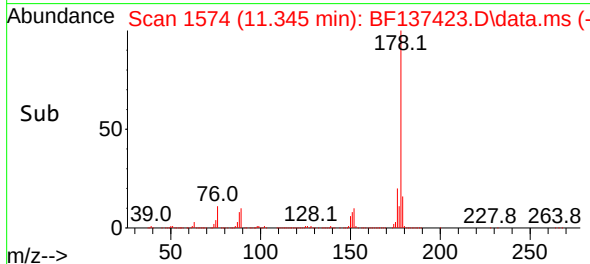
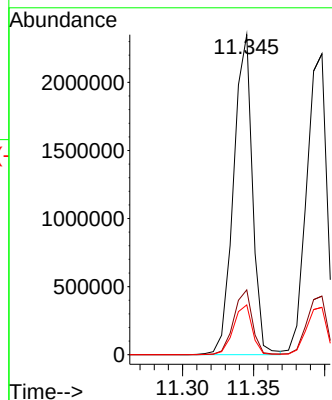
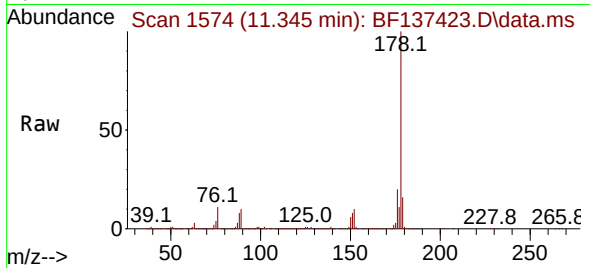




#71  
Phenanthrene  
Concen: 41.497 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

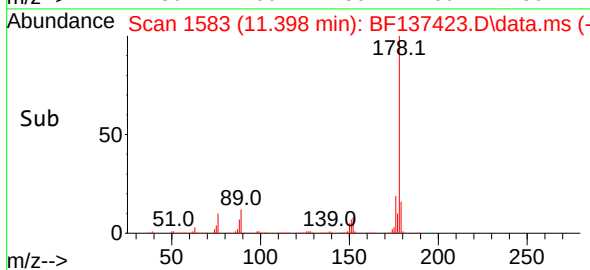
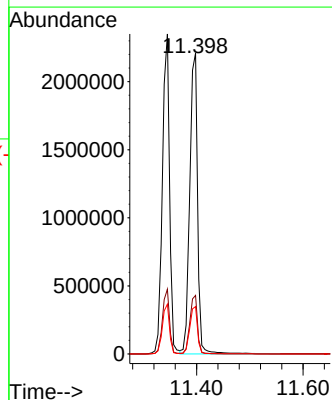
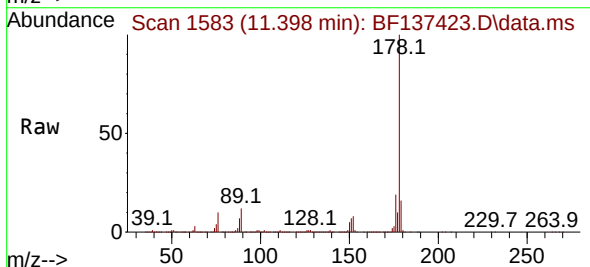
Instrument :  
BNA\_F  
ClientSampleId :

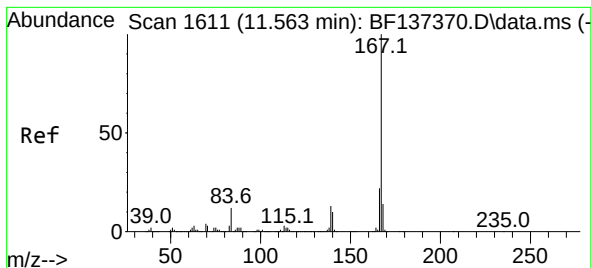
Tgt Ion:178 Resp: 2181431  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.2 24.4  
179 15.6 12.7 19.1



#72  
Anthracene  
Concen: 41.492 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:178 Resp: 2247795  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.3 22.9  
179 15.8 12.6 18.8





#73

Carbazole

Concen: 43.704 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

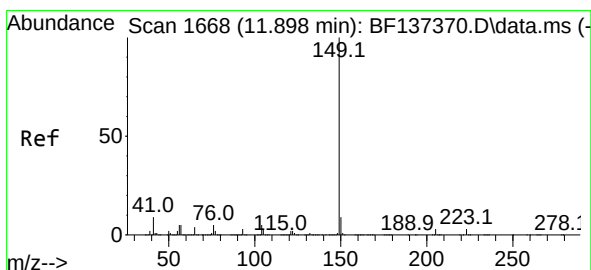
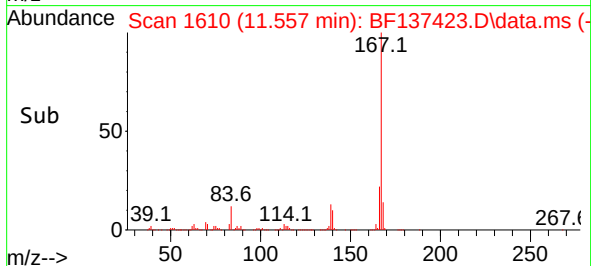
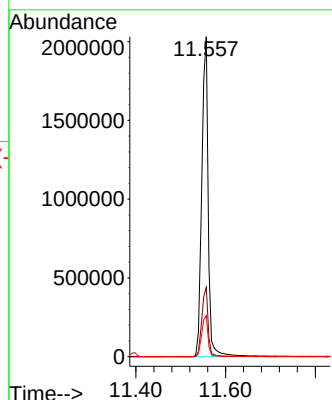
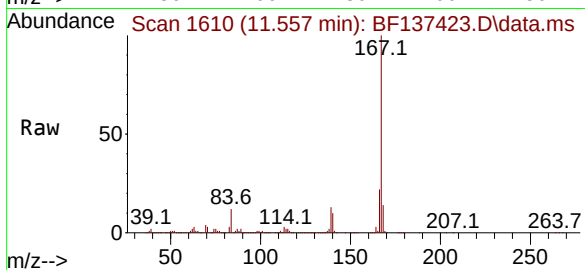
Tgt Ion:167 Resp: 2022915

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

139 12.8 10.0 15.0



#74

Di-n-butylphthalate

Concen: 49.637 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

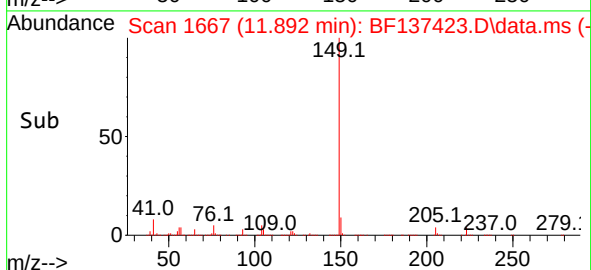
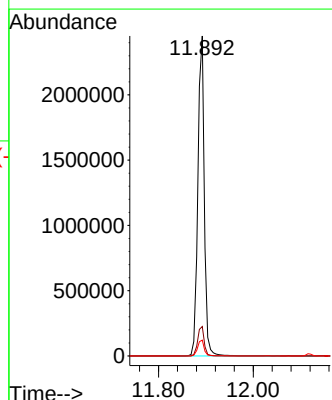
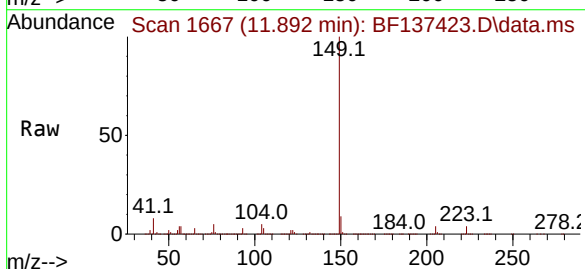
Tgt Ion:149 Resp: 2298908

Ion Ratio Lower Upper

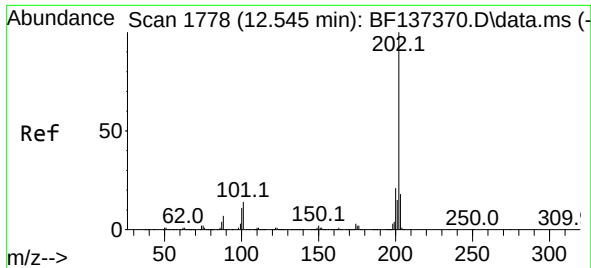
149 100

150 9.2 7.5 11.3

104 5.0 4.2 6.2



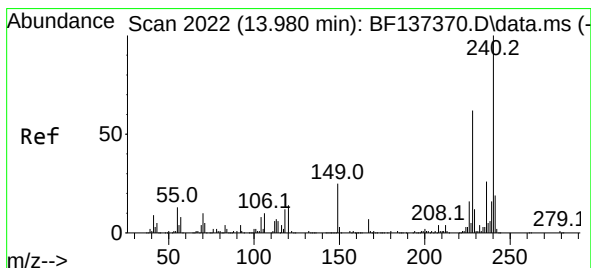
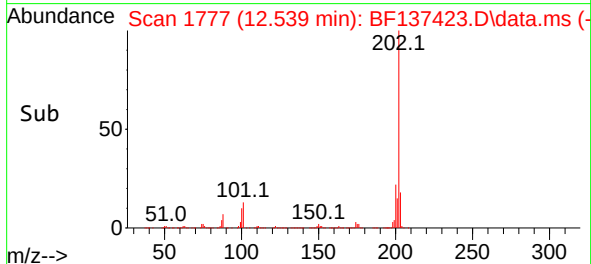
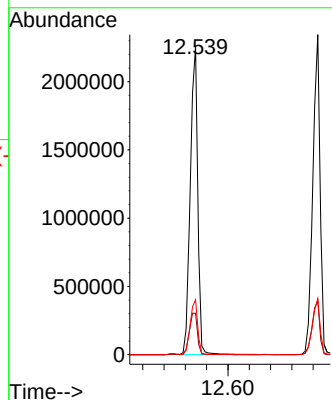
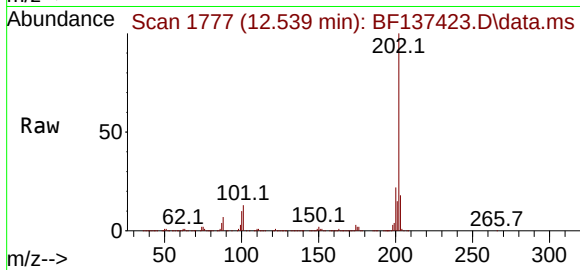




#75  
Fluoranthene  
Concen: 42.800 ng  
RT: 12.539 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

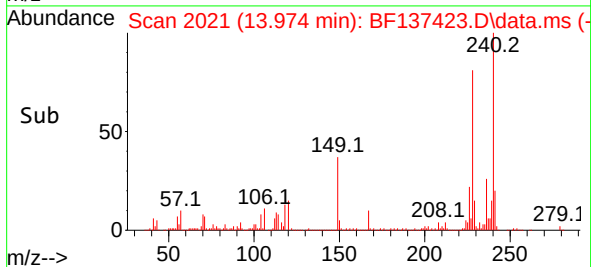
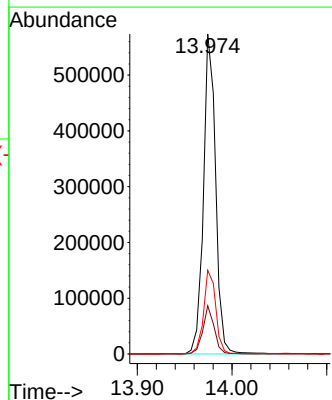
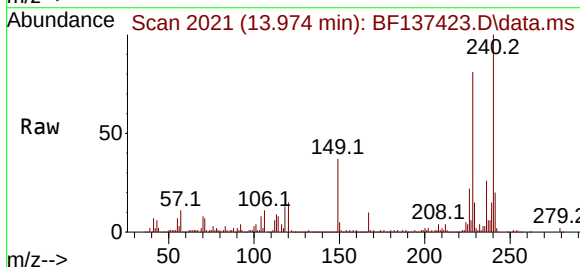
Instrument :  
BNA\_F  
ClientSampleId :

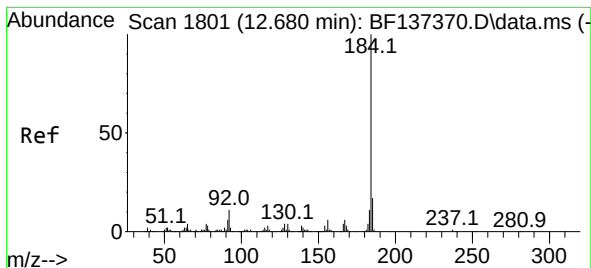
Tgt Ion:202 Resp: 2196189  
Ion Ratio Lower Upper  
202 100  
101 13.5 0.0 33.9  
203 17.8 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:240 Resp: 514852  
Ion Ratio Lower Upper  
240 100  
120 15.1 11.3 16.9  
236 26.2 20.5 30.7





#77

Benzidine

Concen: 39.473 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

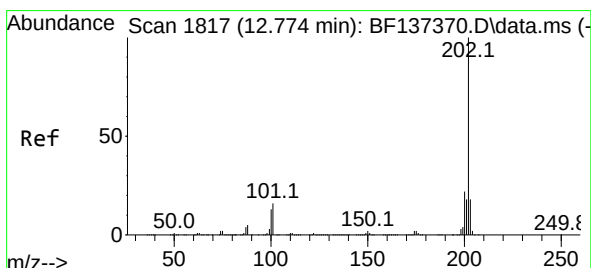
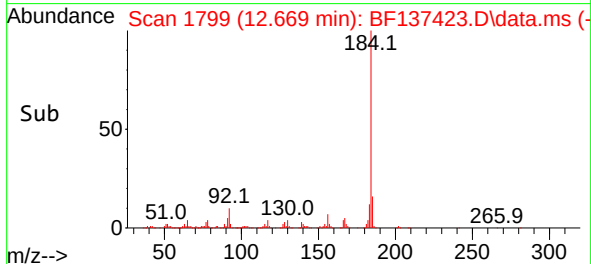
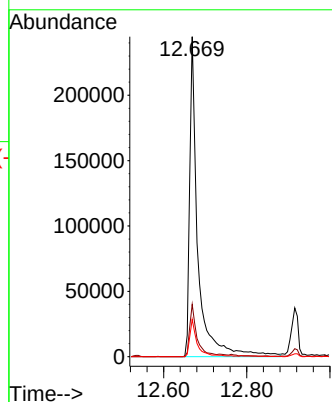
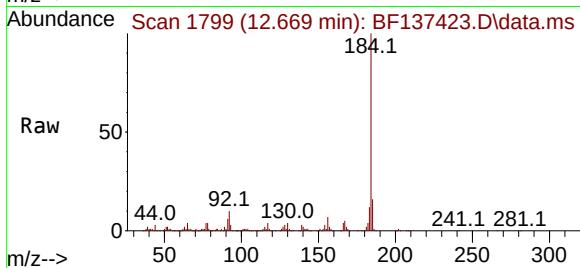
Tgt Ion:184 Resp: 334346

Ion Ratio Lower Upper

184 100

185 16.4 13.7 20.5

183 11.7 8.8 13.2



#78

Pyrene

Concen: 46.122 ng

RT: 12.769 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

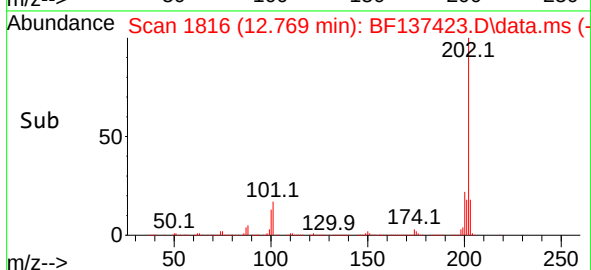
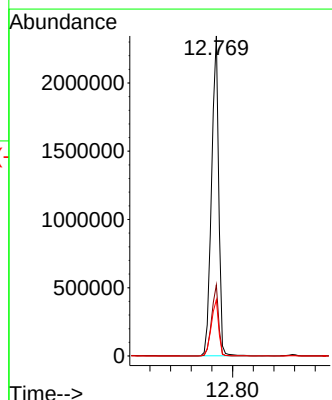
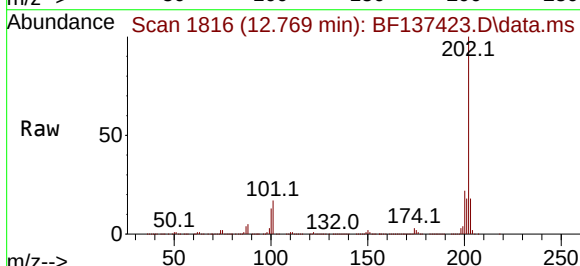
Tgt Ion:202 Resp: 2245347

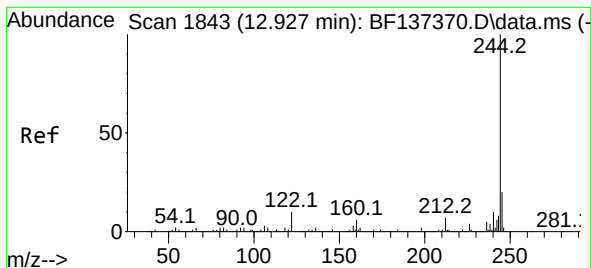
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 85.261 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

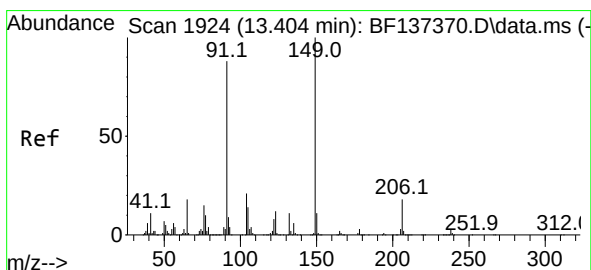
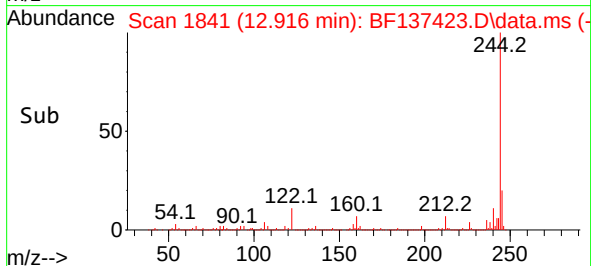
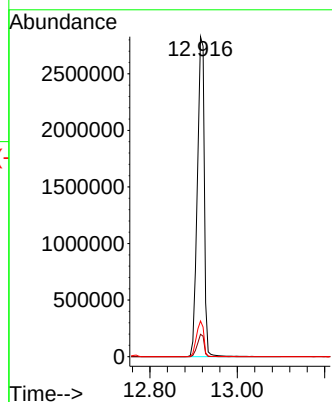
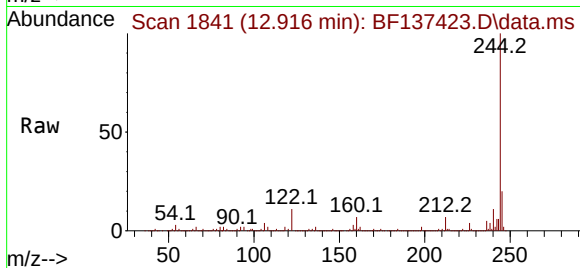
Tgt Ion:244 Resp: 3138442

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

122 11.2 8.2 12.4



#80

Butylbenzylphthalate

Concen: 70.556 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

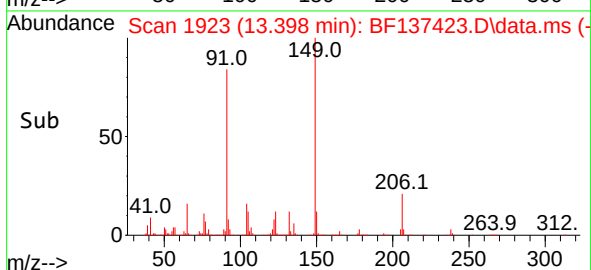
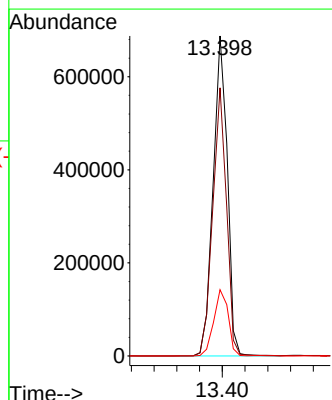
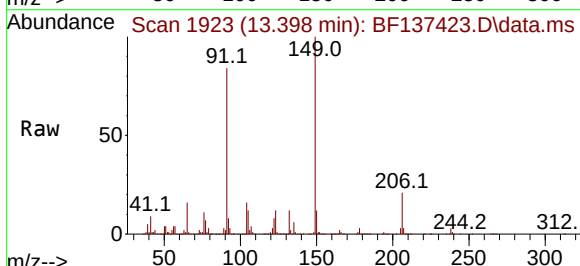
Tgt Ion:149 Resp: 594679

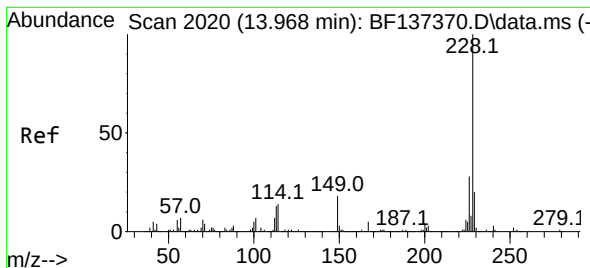
Ion Ratio Lower Upper

149 100

91 83.8 70.5 105.7

206 20.7 14.8 22.2





#81

Benzo(a)anthracene

Concen: 46.003 ng

RT: 13.963 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

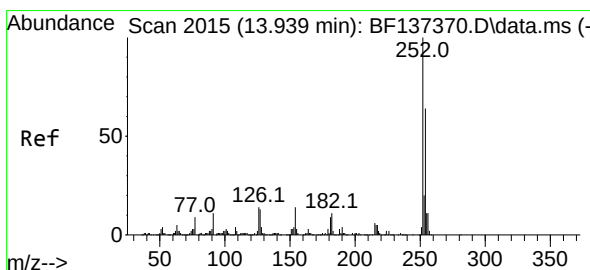
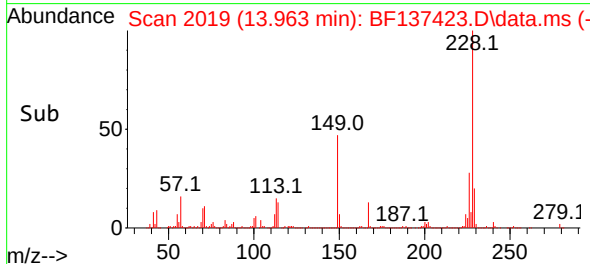
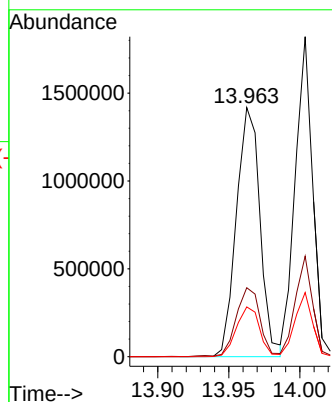
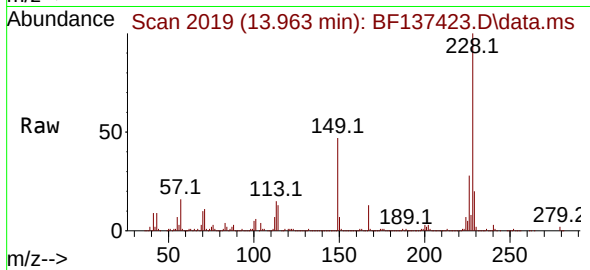
Tgt Ion:228 Resp: 1643510

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.288 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

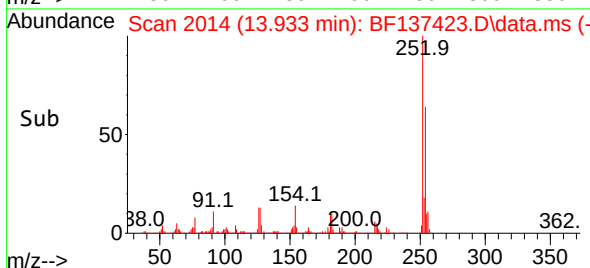
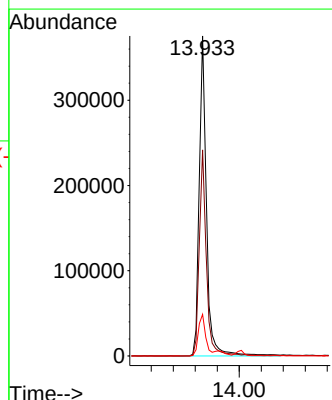
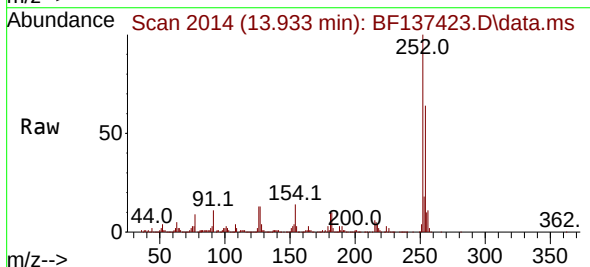
Tgt Ion:252 Resp: 346727

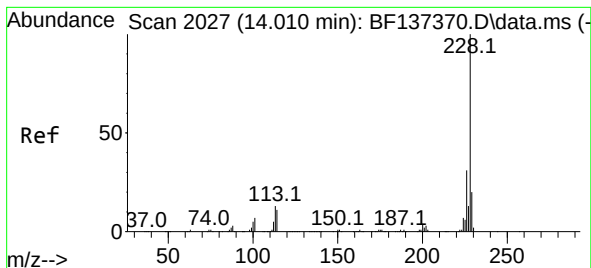
Ion Ratio Lower Upper

252 100

254 64.4 51.2 76.8

126 13.0 11.1 16.7





#83

Chrysene

Concen: 43.529 ng

RT: 14.004 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

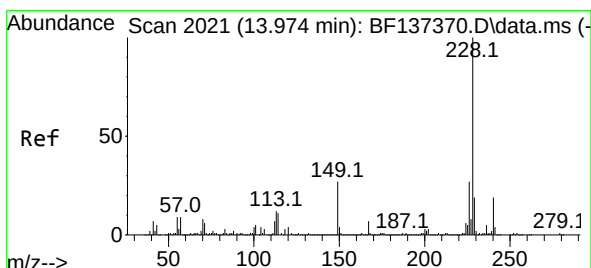
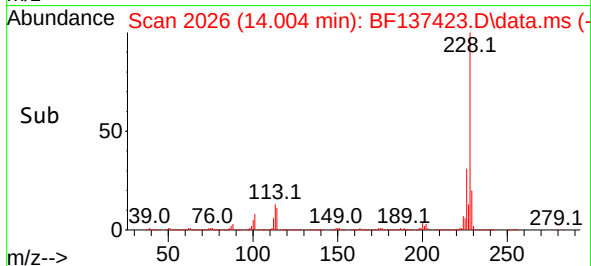
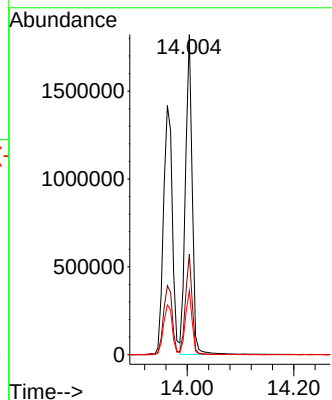
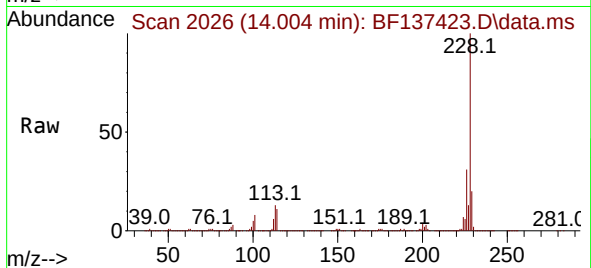
Tgt Ion:228 Resp: 1588623

Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.122 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.011 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

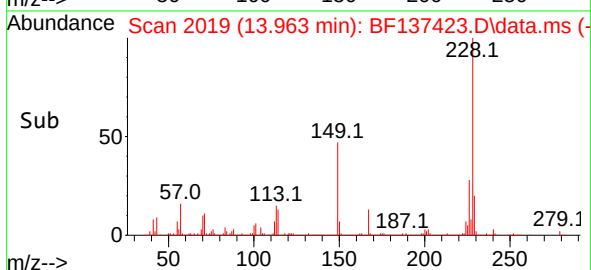
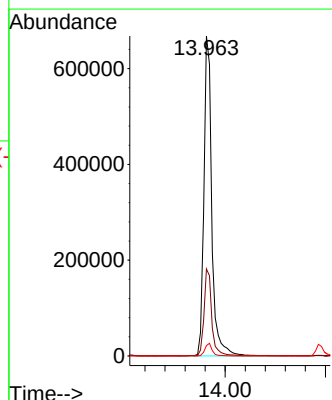
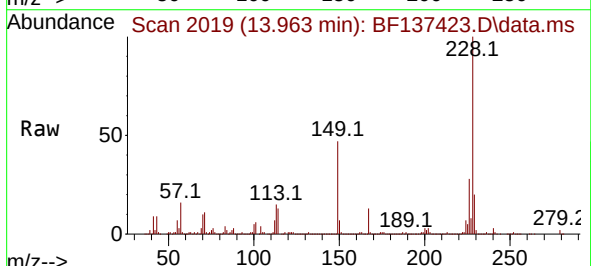
Tgt Ion:149 Resp: 728833

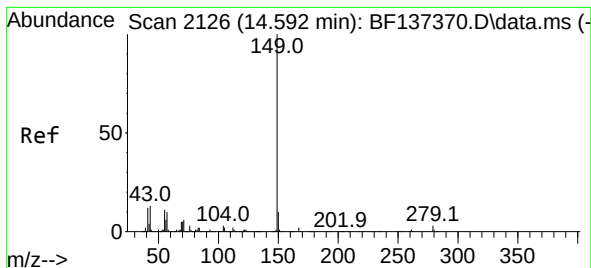
Ion Ratio Lower Upper

149 100

167 27.2 20.6 31.0

279 3.3 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 62.469 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

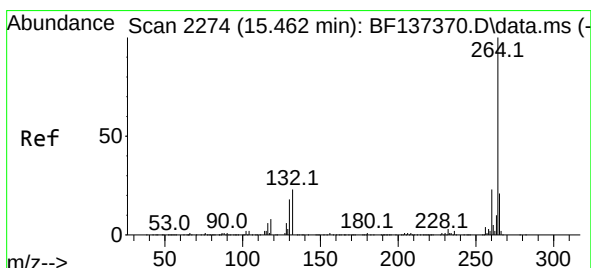
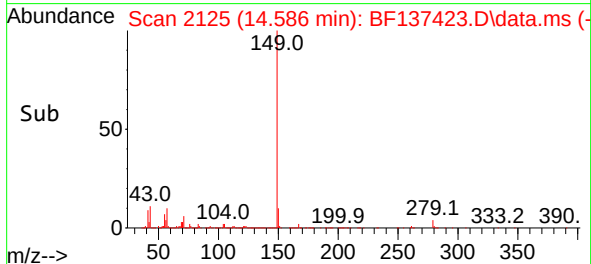
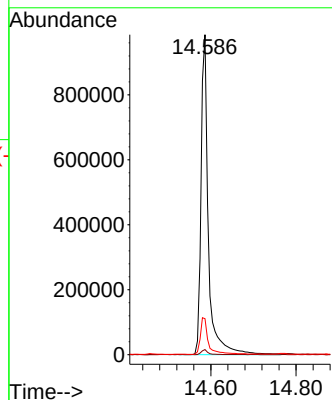
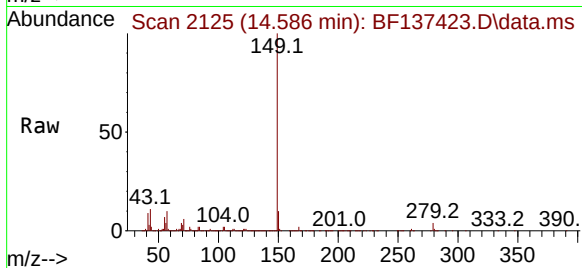
Tgt Ion:149 Resp: 1171585

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 12.4 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

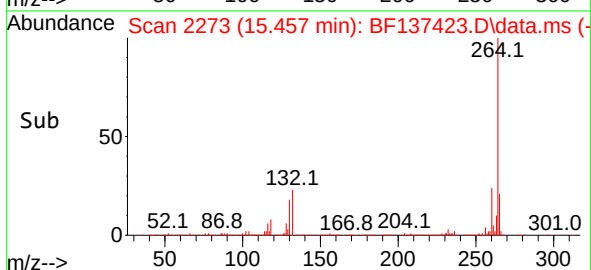
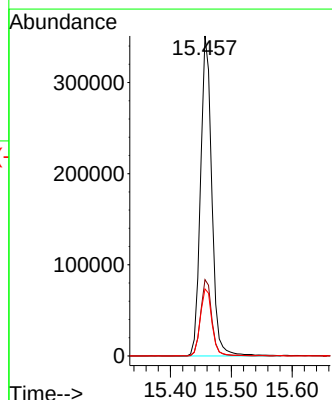
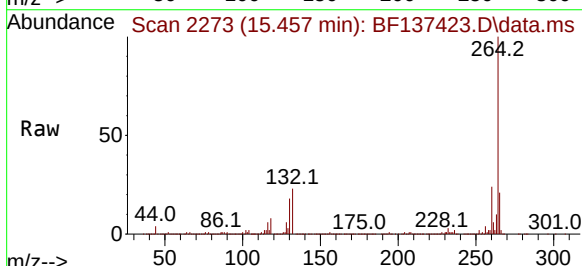
Tgt Ion:264 Resp: 450477

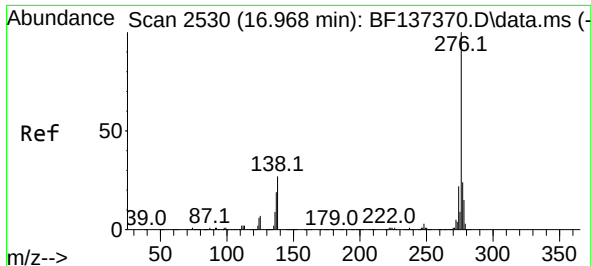
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

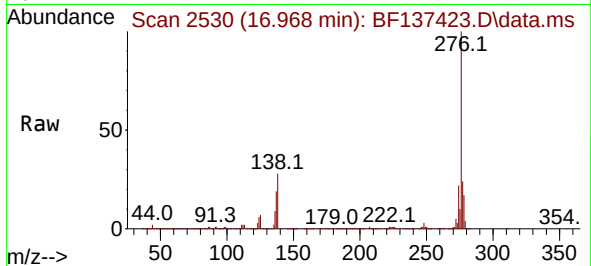
265 20.9 16.9 25.3



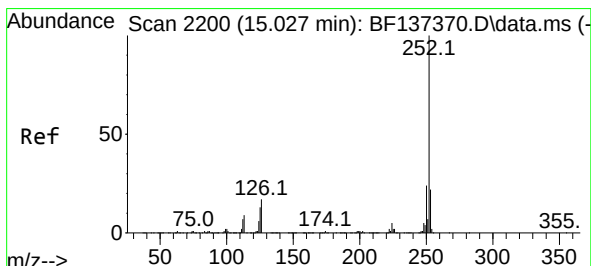
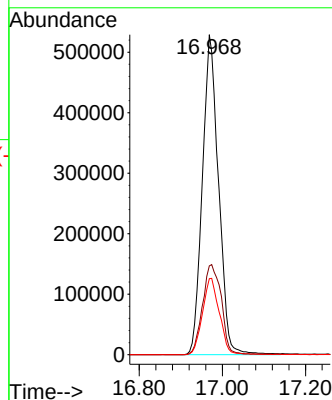
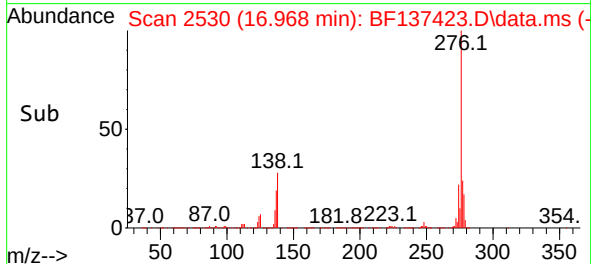


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.965 ng  
 RT: 16.968 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF137423.D  
 Acq: 28 Feb 2024 15:23

Instrument :  
 BNA\_F  
 ClientSampleId :

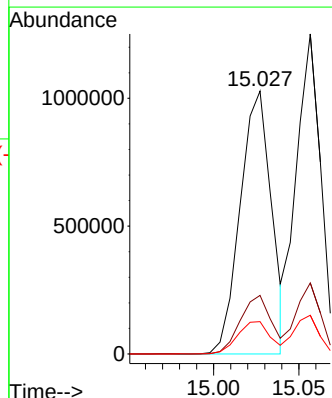
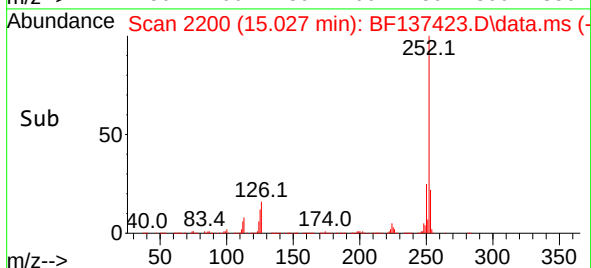
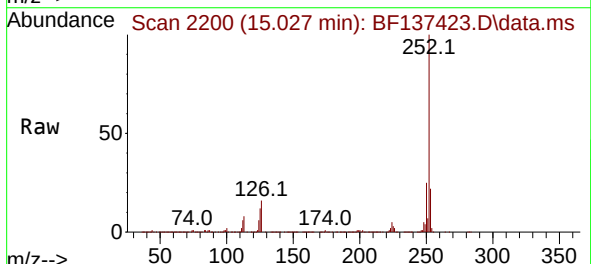


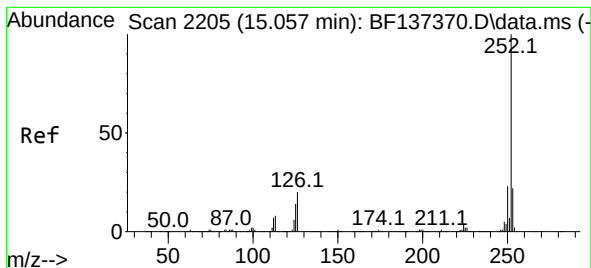
Tgt Ion:276 Resp: 1431190  
 Ion Ratio Lower Upper  
 276 100  
 138 32.7 25.8 38.8  
 277 24.9 19.6 29.4



#88  
 Benzo(b)fluoranthene  
 Concen: 47.440 ng  
 RT: 15.027 min Scan# 2200  
 Delta R.T. 0.000 min  
 Lab File: BF137423.D  
 Acq: 28 Feb 2024 15:23

Tgt Ion:252 Resp: 1310985  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.4 26.2  
 125 12.3 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 44.419 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA\_F

ClientSampleId :

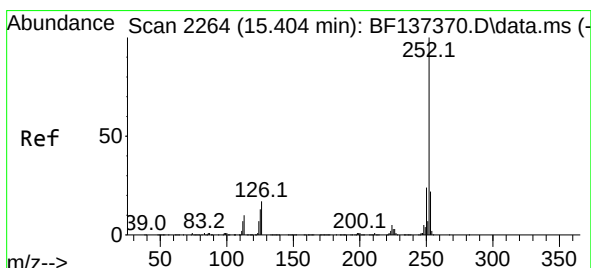
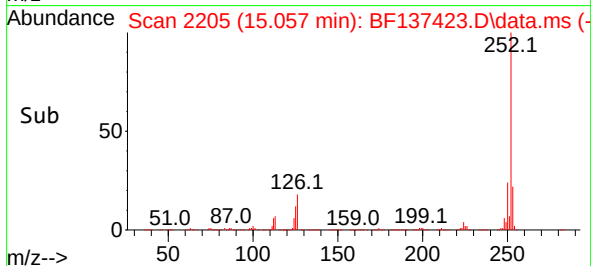
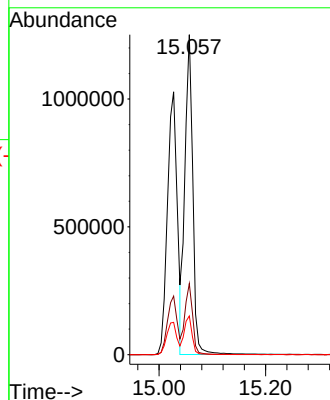
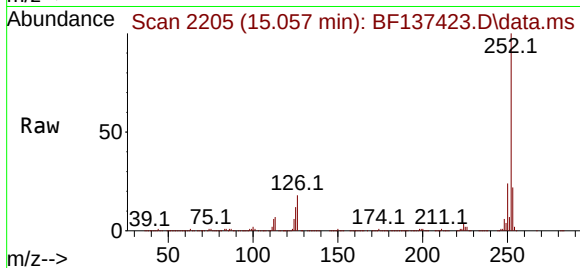
Tgt Ion:252 Resp: 1286546

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 12.1 10.7 16.1



#90

Benzo(a)pyrene

Concen: 45.501 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

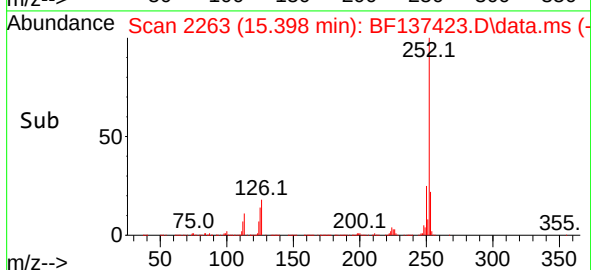
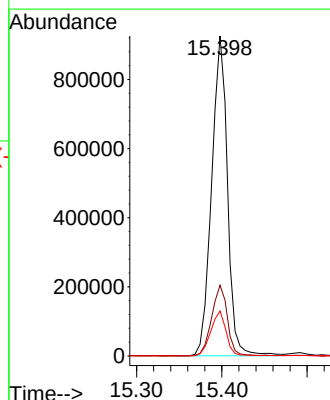
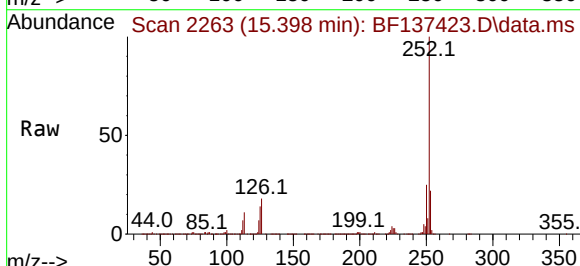
Tgt Ion:252 Resp: 1192678

Ion Ratio Lower Upper

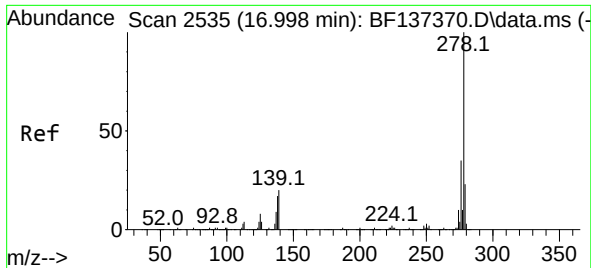
252 100

253 22.1 17.3 25.9

125 14.0 10.6 16.0



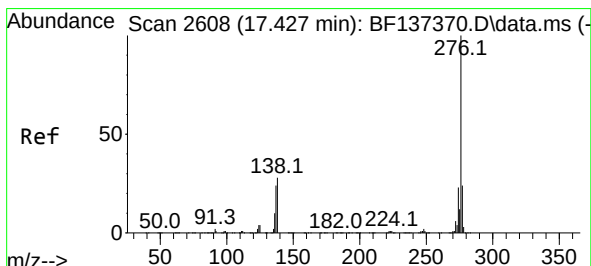
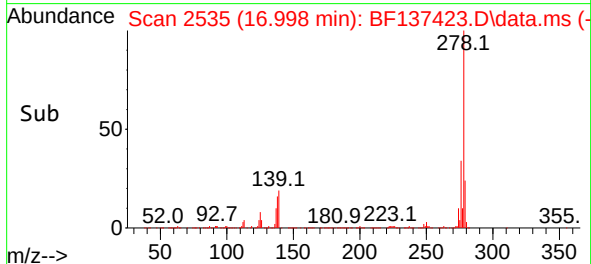
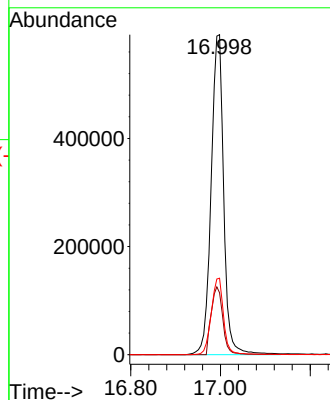
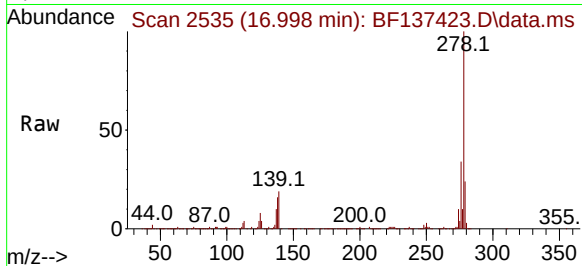




#91  
Dibenzo(a,h)anthracene  
Concen: 45.136 ng  
RT: 16.998 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:278 Resp: 1151123  
Ion Ratio Lower Upper  
278 100  
139 19.4 16.2 24.4  
279 23.9 18.5 27.7



#92  
Benzo(g,h,i)perylene  
Concen: 44.040 ng  
RT: 17.427 min Scan# 2608  
Delta R.T. 0.000 min  
Lab File: BF137423.D  
Acq: 28 Feb 2024 15:23

Tgt Ion:276 Resp: 1158910  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.0 28.4  
138 29.2 22.6 33.8

