

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010324\  
 Data File : BF136905.D  
 Acq On : 03 Jan 2024 13:39  
 Operator : CG\JU  
 Sample : PB157996BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157996BS

Quant Time: Jan 03 14:09:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 87458    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 340828   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.816  | 164  | 180497   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 349649   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.969 | 240  | 198488   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.445 | 264  | 158321   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 618769   | 110.391 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.440  | 99   | 780468   | 107.457 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 479713   | 72.023  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 242545   | 114.098 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 970977   | 72.353  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.910 | 244  | 1106255  | 77.887  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.640  | 88   | 78540    | 33.629  | ng    | 97       |
| 3) Pyridine                   | 3.405  | 79   | 179819   | 31.556  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 106867   | 35.119  | ng    | 98       |
| 6) Aniline                    | 6.451  | 93   | 248800   | 34.262  | ng    | # 16     |
| 8) 2-Chlorophenol             | 6.575  | 128  | 238216   | 38.835  | ng    | 95       |
| 9) Benzaldehyde               | 6.340  | 77   | 100581   | 24.347  | ng    | 97       |
| 10) Phenol                    | 6.451  | 94   | 291247   | 37.564  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 227348   | 38.557  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 241003   | 36.016  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 248304   | 36.316  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 233489   | 36.699  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.934  | 79   | 192007   | 39.186  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 352341   | 36.549  | ng    | 81       |
| 17) 2-Methylphenol            | 7.045  | 107  | 192388   | 37.860  | ng    | 95       |
| 18) Hexachloroethane          | 7.287  | 117  | 85993    | 34.631  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 162939   | 37.008  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 244181   | 38.463  | ng    | # 87     |
| 22) Acetophenone              | 7.193  | 105  | 331956   | 38.858  | ng    | # 91     |
| 24) Nitrobenzene              | 7.369  | 77   | 239727   | 35.930  | ng    | 95       |
| 25) Isophorone                | 7.604  | 82   | 452405   | 37.328  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.681  | 139  | 125768   | 39.398  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 213342   | 54.895  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 278087   | 37.748  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 196149   | 39.203  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 206709   | 37.080  | ng    | 98       |
| 31) Naphthalene               | 8.081  | 128  | 685195   | 36.594  | ng    | 99       |
| 32) Benzoic acid              | 7.881  | 122  | 158697   | 42.203  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.134  | 127  | 127137   | 18.390  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.192  | 225  | 119874   | 35.393  | ng    | 96       |
| 35) Caprolactam               | 8.522  | 113  | 47116    | 28.545  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.634  | 107  | 216871   | 38.502  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 452946   | 37.588  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 417641   | 35.326  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.939  | 216  | 214873   | 38.440  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 162263   | 90.365  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 142087   | 39.635  | ng    | 97       |

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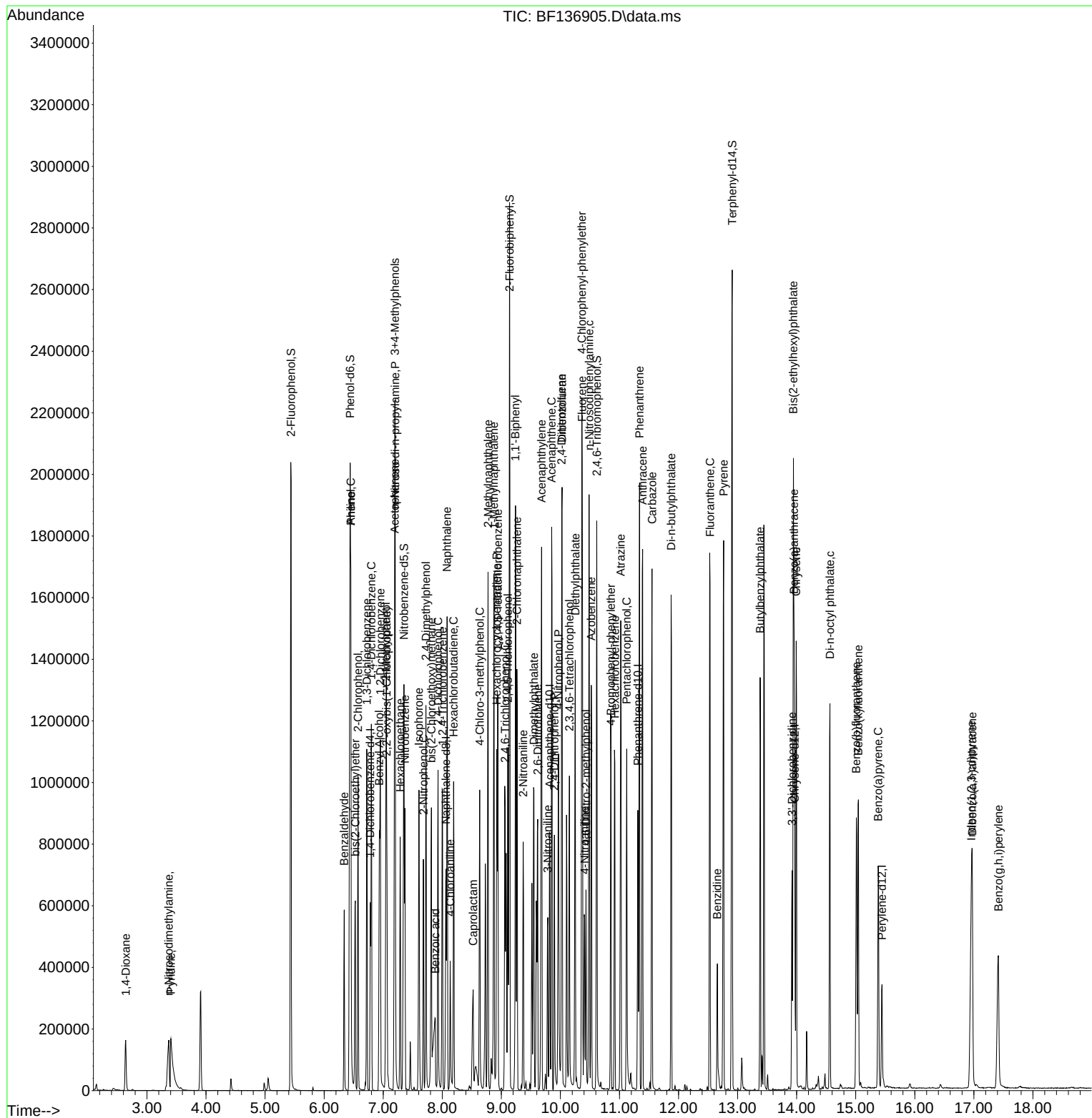
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 150095   | 37.572 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 579761   | 38.277 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.263  | 162  | 428369   | 37.202 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.369  | 65   | 139323   | 38.639 | ng    | 98       |
| 49) Acenaphthylene            | 9.681  | 152  | 688652   | 39.128 | ng    | 99       |
| 50) Dimethylphthalate         | 9.551  | 163  | 512189   | 38.849 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 113792   | 38.031 | ng    | 98       |
| 52) Acenaphthene              | 9.851  | 154  | 415422   | 38.078 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.786  | 138  | 91953    | 29.011 | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 9.898  | 184  | 112686   | 68.515 | ng    | 90       |
| 55) Dibenzofuran              | 10.028 | 168  | 619184   | 37.441 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.969  | 139  | 154746   | 72.323 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 143586   | 36.965 | ng    | 93       |
| 58) Fluorene                  | 10.369 | 166  | 512035   | 39.021 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232  | 130239   | 42.352 | ng    | 97       |
| 60) Diethylphthalate          | 10.251 | 149  | 518881   | 37.932 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204  | 241613   | 37.881 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 114556   | 37.491 | ng    | 91       |
| 63) Azobenzene                | 10.522 | 77   | 486300   | 38.062 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.433 | 198  | 80341    | 40.094 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 452741   | 39.860 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 149806   | 38.579 | ng    | 91       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 169690   | 39.213 | ng    | 95       |
| 69) Atrazine                  | 11.022 | 200  | 207165   | 71.311 | ng    | 98       |
| 70) Pentachlorophenol         | 11.122 | 266  | 134261   | 66.563 | ng    | 97       |
| 71) Phenanthrene              | 11.339 | 178  | 726995   | 40.522 | ng    | 99       |
| 72) Anthracene                | 11.392 | 178  | 741344   | 40.802 | ng    | 100      |
| 73) Carbazole                 | 11.551 | 167  | 682604   | 39.848 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.875 | 149  | 849165   | 40.624 | ng    | 99       |
| 75) Fluoranthene              | 12.533 | 202  | 767853   | 40.012 | ng    | 99       |
| 77) Benzidine                 | 12.657 | 184  | 183757   | 31.398 | ng    | 99       |
| 78) Pyrene                    | 12.763 | 202  | 764124   | 39.216 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.380 | 149  | 315204   | 44.458 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.957 | 228  | 562197   | 40.790 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.922 | 252  | 156897   | 40.084 | ng    | 98       |
| 83) Chrysene                  | 13.992 | 228  | 533681   | 39.596 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 421126   | 47.209 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.563 | 149  | 615321   | 44.593 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.957 | 276  | 475125   | 41.565 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.010 | 252  | 459353   | 43.440 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 419296   | 41.964 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 370568   | 41.516 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 398768   | 42.522 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.415 | 276  | 393583   | 40.977 | ng    | 99       |

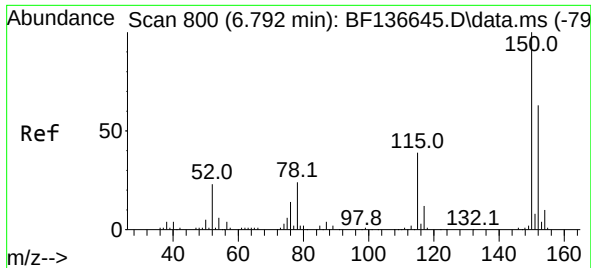
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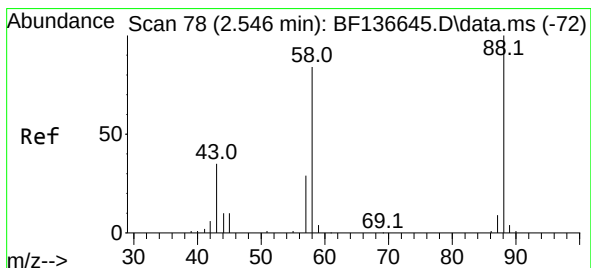
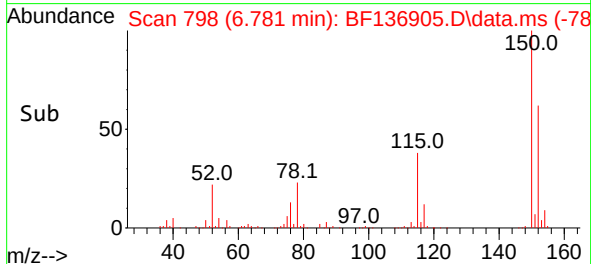
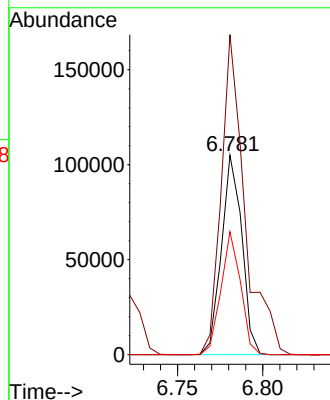
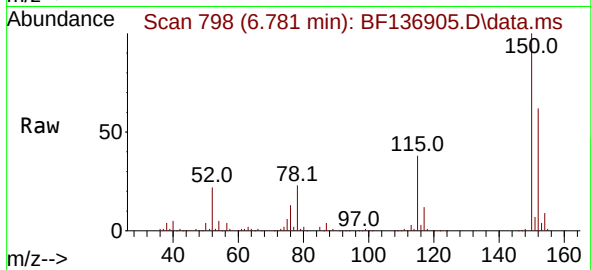




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF136905.D  
 Acq: 03 Jan 2024 13:39

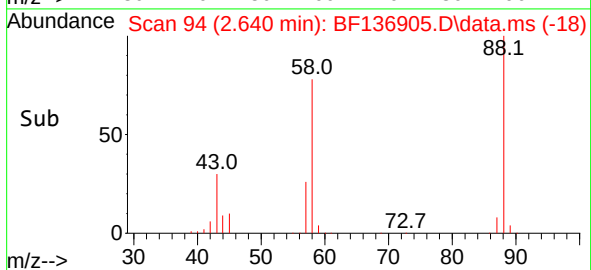
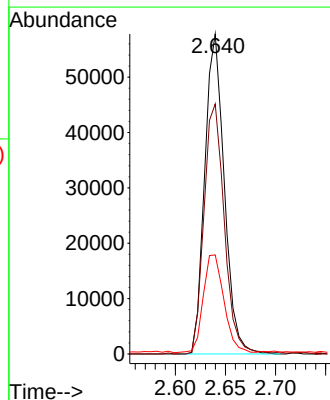
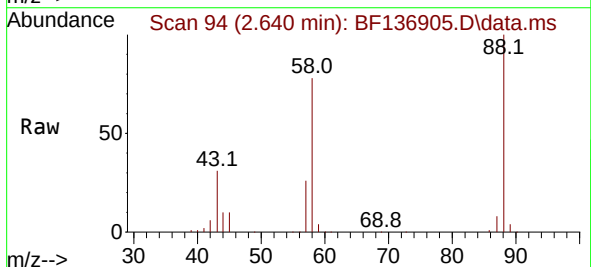
Instrument :  
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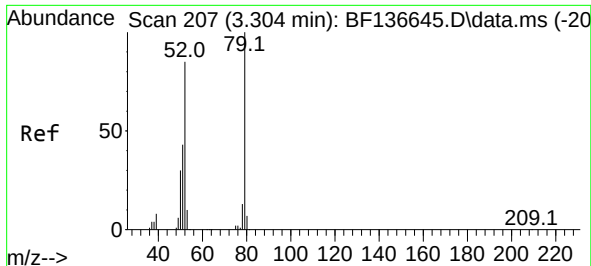
Tgt Ion:152 Resp: 87458  
 Ion Ratio Lower Upper  
 152 100  
 150 160.6 127.0 190.6  
 115 61.7 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 33.629 ng  
 RT: 2.640 min Scan# 94  
 Delta R.T. 0.094 min  
 Lab File: BF136905.D  
 Acq: 03 Jan 2024 13:39

Tgt Ion: 88 Resp: 78540  
 Ion Ratio Lower Upper  
 88 100  
 58 81.4 67.4 101.0  
 43 32.3 27.7 41.5

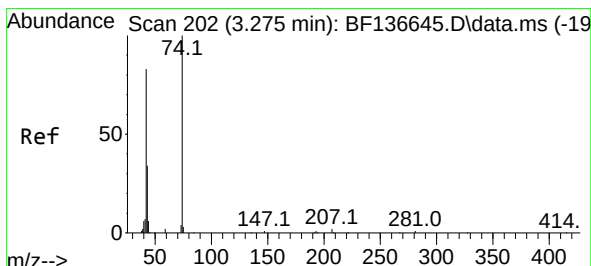
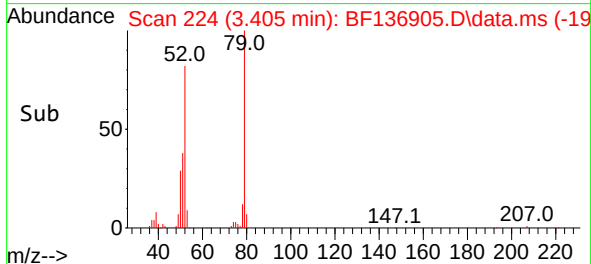
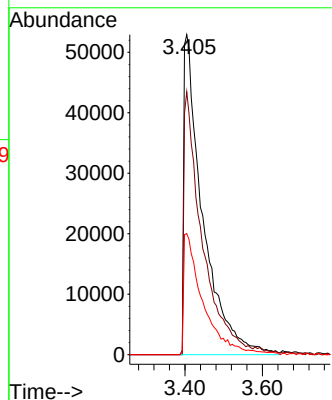
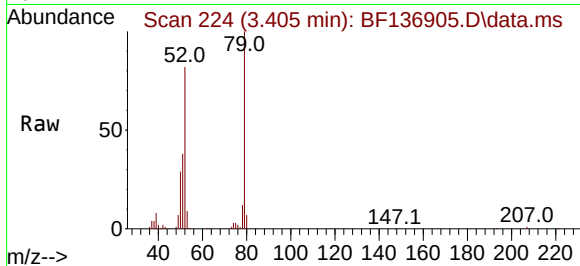




#3  
Pyridine  
Concen: 31.556 ng  
RT: 3.405 min Scan# 218  
Delta R.T. 0.100 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

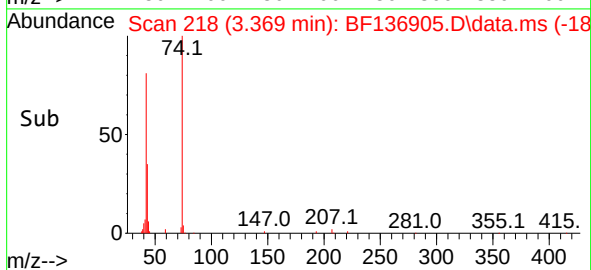
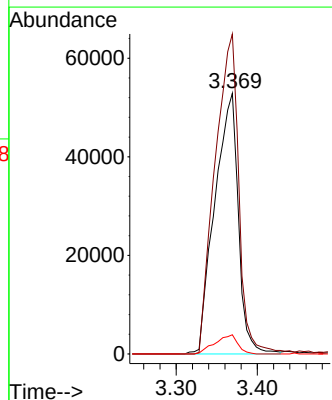
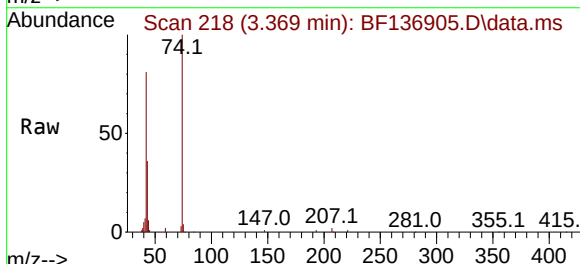
Instrument :  
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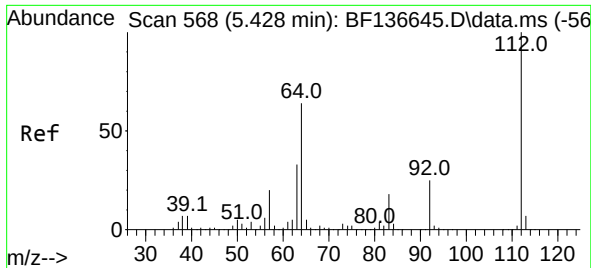
Tgt Ion: 79 Resp: 179819  
Ion Ratio Lower Upper  
79 100  
52 82.1 67.7 101.5  
51 37.9 34.0 51.0



#4  
n-Nitrosodimethylamine  
Concen: 35.119 ng  
RT: 3.369 min Scan# 218  
Delta R.T. 0.094 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion: 42 Resp: 106867  
Ion Ratio Lower Upper  
42 100  
74 122.8 96.0 144.0  
44 7.4 5.4 8.2

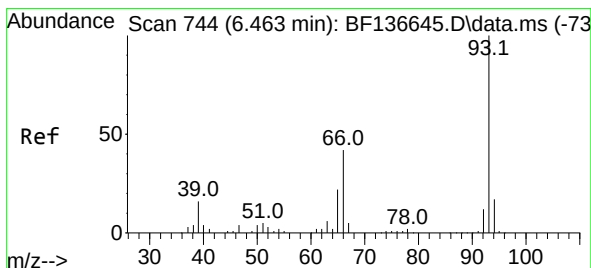
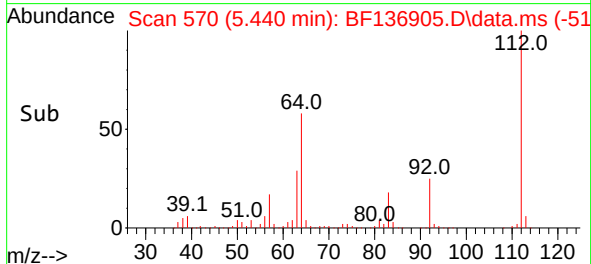
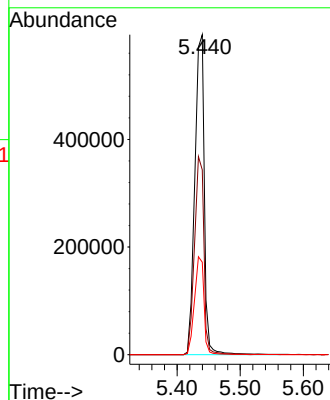
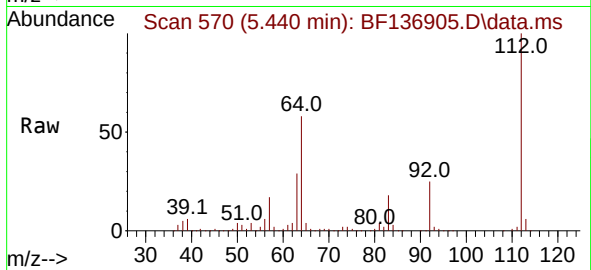




#5  
2-Fluorophenol  
Concen: 110.391 ng  
RT: 5.440 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

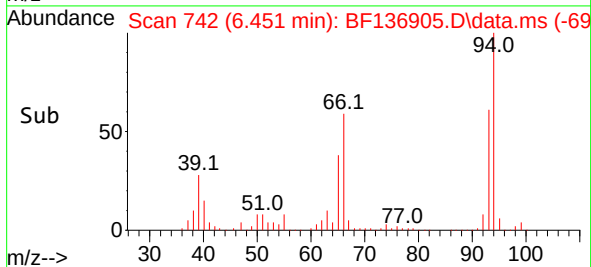
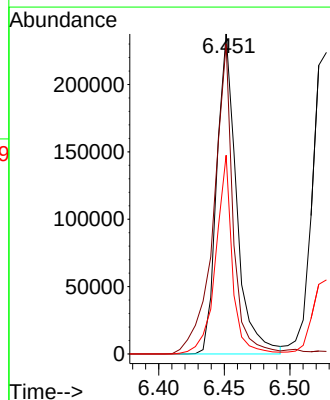
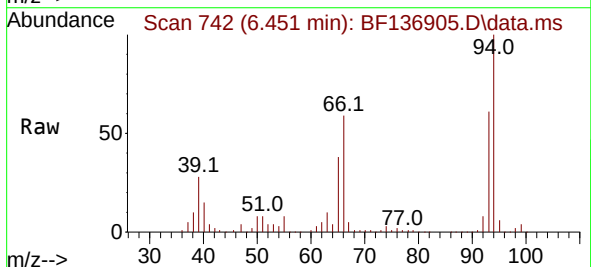
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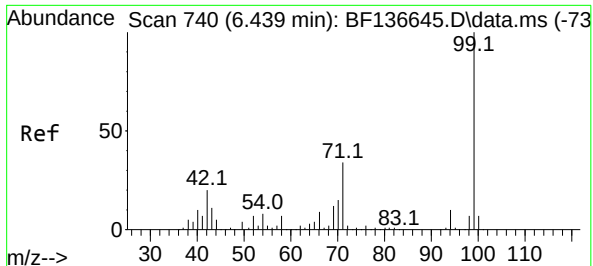
Tgt Ion:112 Resp: 618769  
Ion Ratio Lower Upper  
112 100  
64 57.8 51.1 76.7  
63 28.9 26.1 39.1



#6  
Aniline  
Concen: 34.262 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
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Tgt Ion: 93 Resp: 248800  
Ion Ratio Lower Upper  
93 100  
66 96.9 34.6 51.8#  
65 62.1 17.8 26.8#

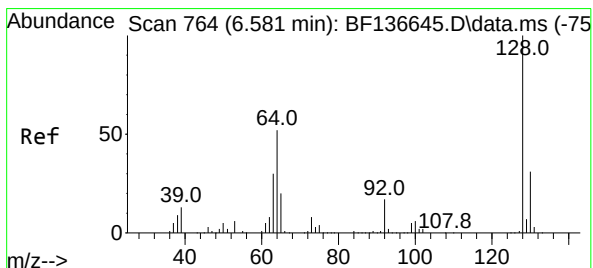
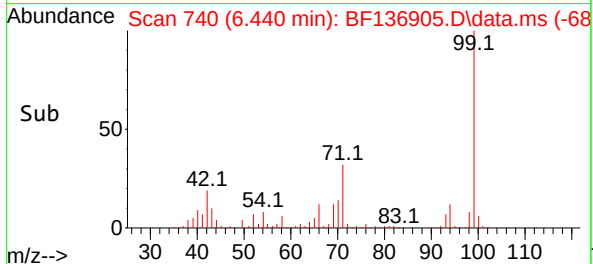
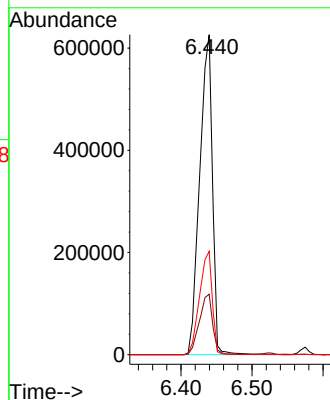
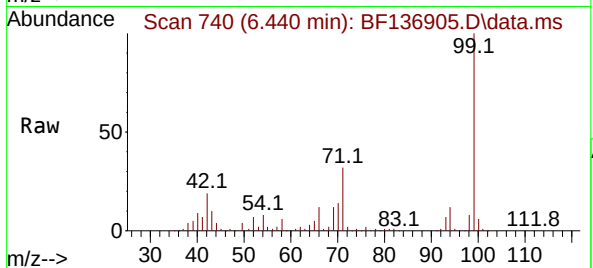




#7  
Phenol-d6  
Concen: 107.457 ng  
RT: 6.440 min Scan# 740  
Delta R.T. 0.000 min  
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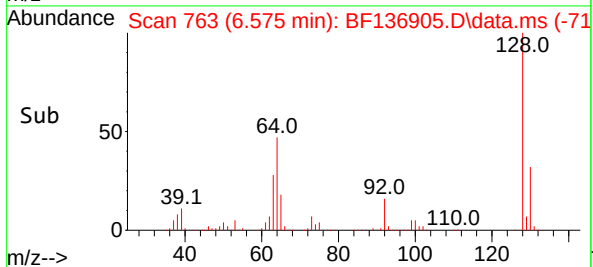
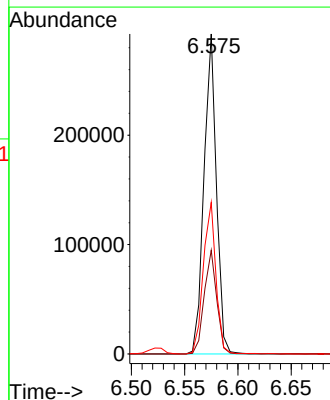
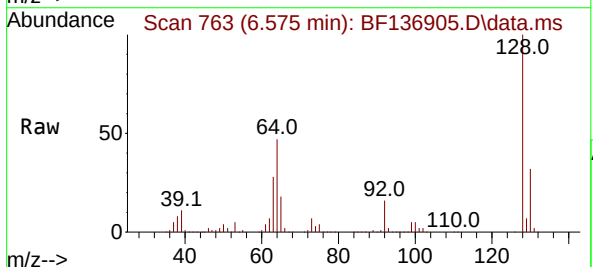
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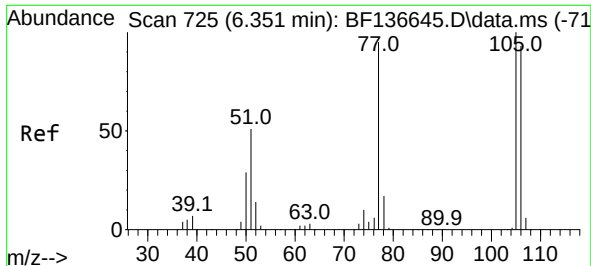
Tgt Ion: 99 Resp: 780468  
Ion Ratio Lower Upper  
99 100  
42 18.9 16.1 24.1  
71 32.3 27.4 41.2



#8  
2-Chlorophenol  
Concen: 38.835 ng  
RT: 6.575 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:128 Resp: 238216  
Ion Ratio Lower Upper  
128 100  
130 32.4 11.3 51.3  
64 47.4 32.5 72.5

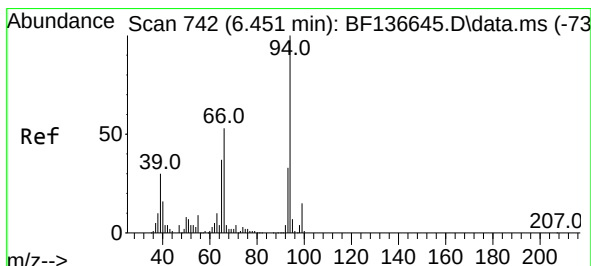
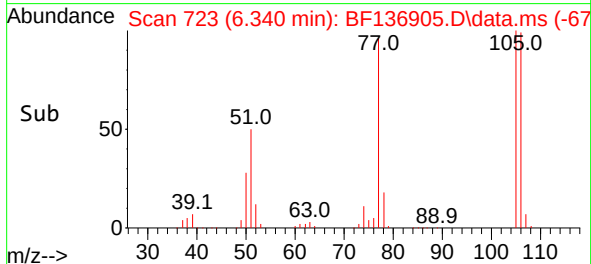
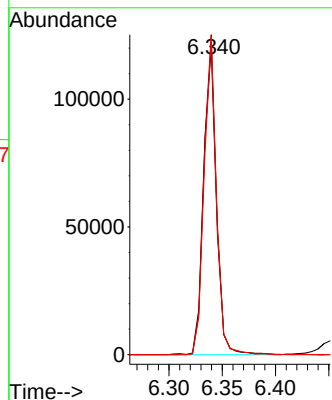
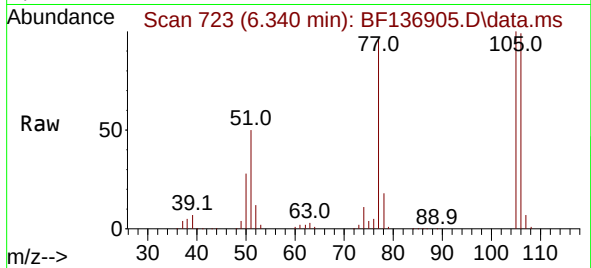




#9  
Benzaldehyde  
Concen: 24.347 ng  
RT: 6.340 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

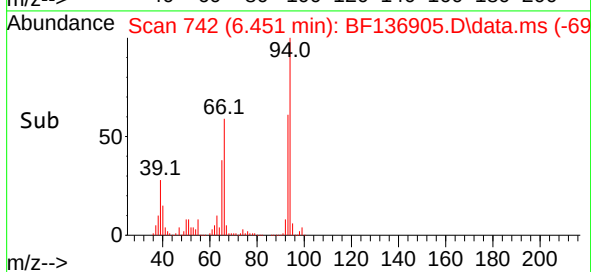
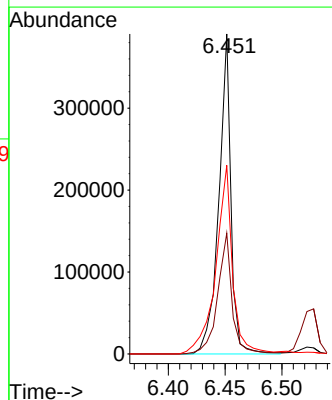
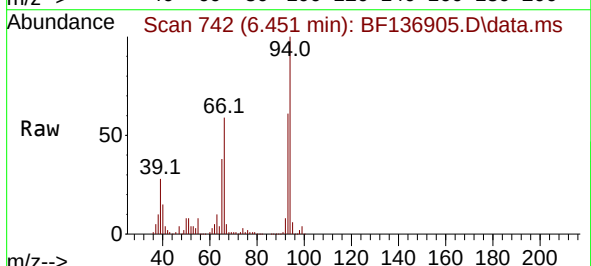
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

Tgt Ion: 77 Resp: 100581  
Ion Ratio Lower Upper  
77 100  
105 104.2 84.8 124.8  
106 103.4 77.8 117.8

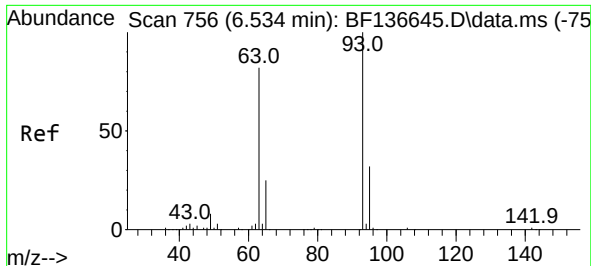


#10  
Phenol  
Concen: 37.564 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion: 94 Resp: 291247  
Ion Ratio Lower Upper  
94 100  
65 37.8 16.6 56.6  
66 58.9 32.6 72.6



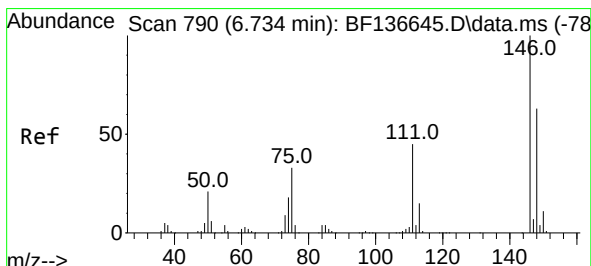
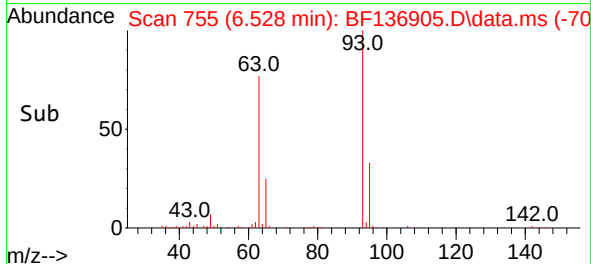
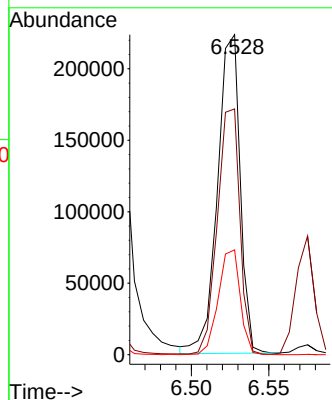
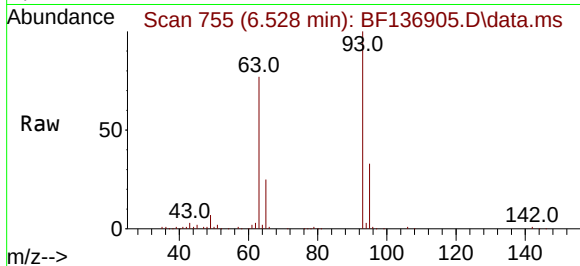




#11  
bis(2-Chloroethyl)ether  
Concen: 38.557 ng  
RT: 6.528 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

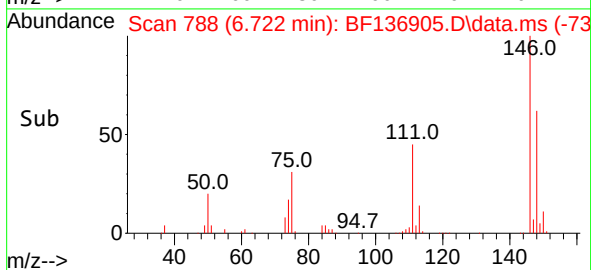
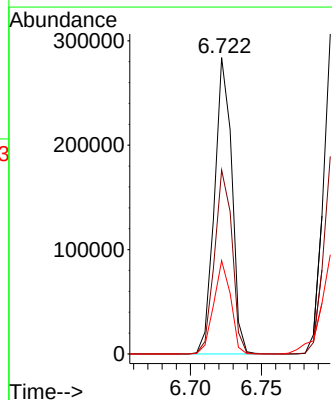
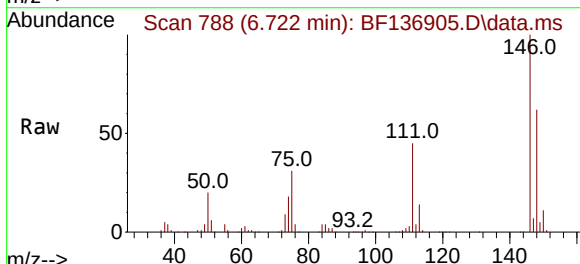
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

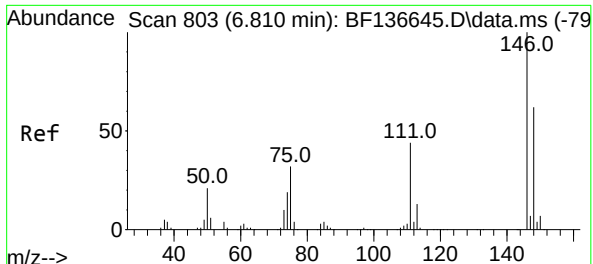
Tgt Ion: 93 Resp: 227348  
Ion Ratio Lower Upper  
93 100  
63 76.8 61.2 101.2  
95 32.7 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 36.016 ng  
RT: 6.722 min Scan# 788  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion: 146 Resp: 241003  
Ion Ratio Lower Upper  
146 100  
148 62.1 50.5 75.7  
75 31.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.316 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

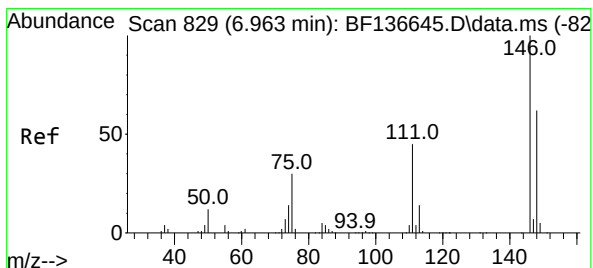
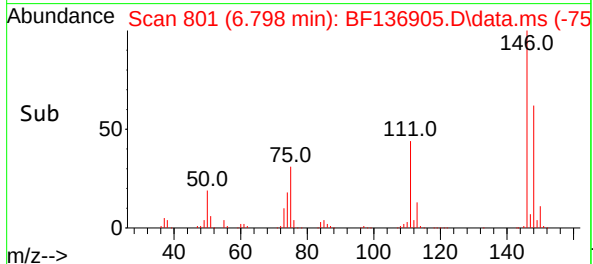
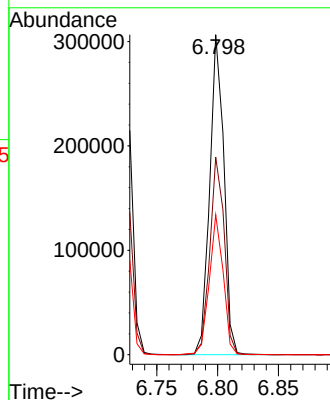
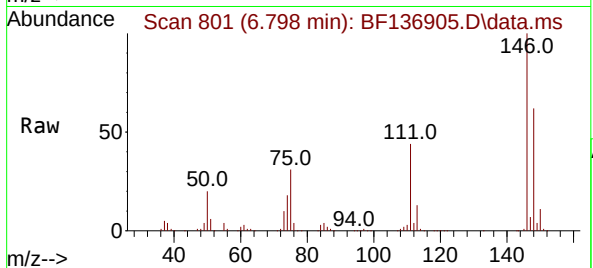
Tgt Ion:146 Resp: 248304

Ion Ratio Lower Upper

146 100

148 61.7 49.2 73.8

111 43.7 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 36.699 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

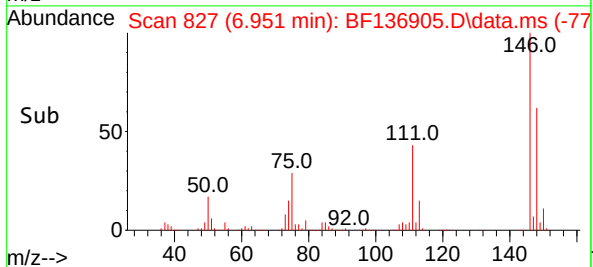
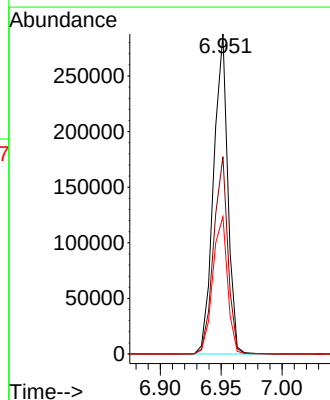
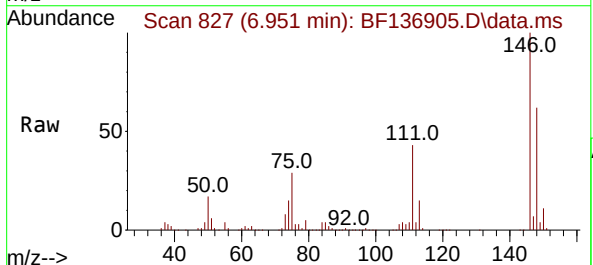
Tgt Ion:146 Resp: 233489

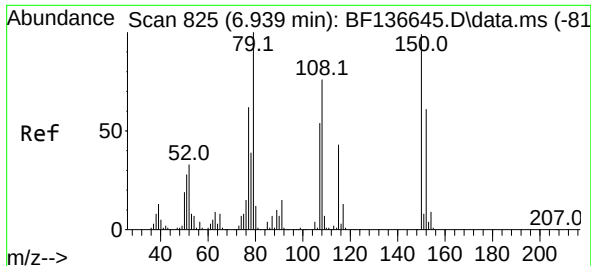
Ion Ratio Lower Upper

146 100

148 61.7 49.6 74.4

111 42.9 36.2 54.2

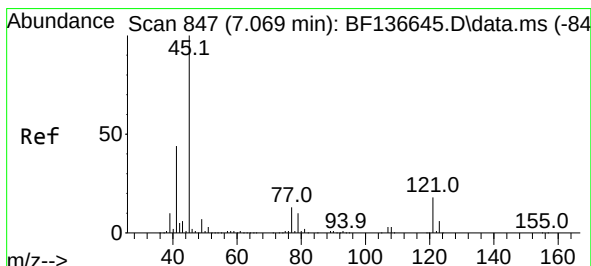
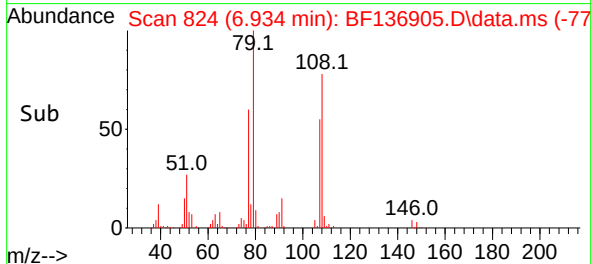
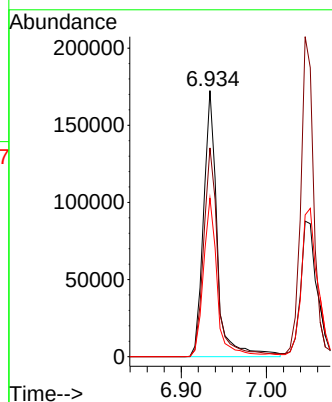
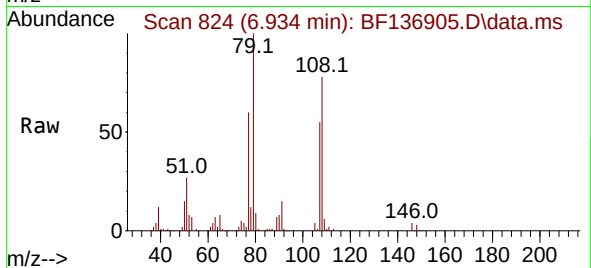




#15  
Benzyl Alcohol  
Concen: 39.186 ng  
RT: 6.934 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

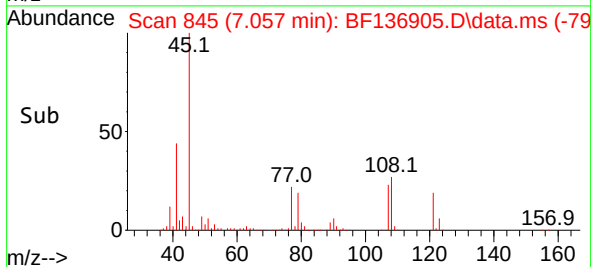
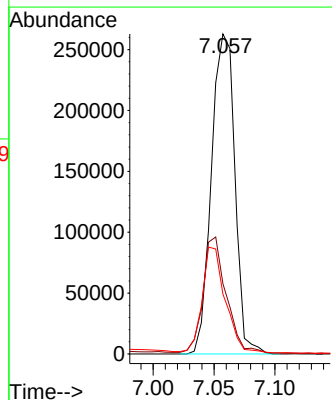
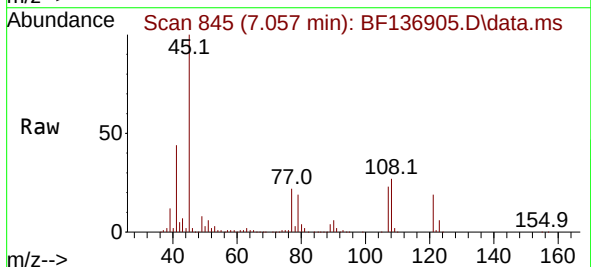
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

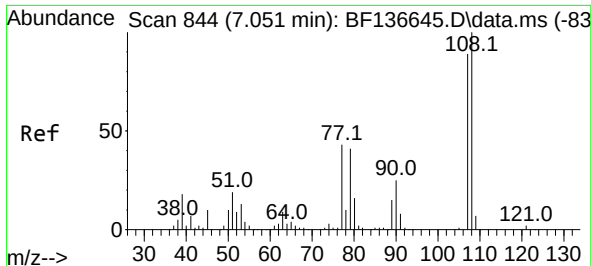
Tgt Ion: 79 Resp: 192007  
Ion Ratio Lower Upper  
79 100  
108 78.5 61.0 91.6  
77 59.6 49.8 74.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.549 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

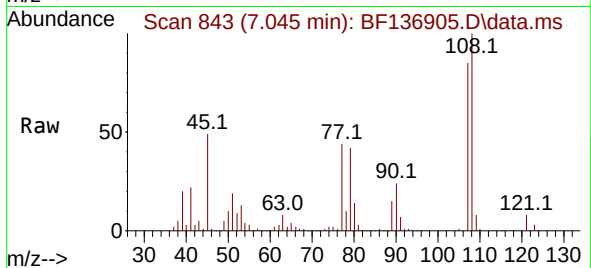
Tgt Ion: 45 Resp: 352341  
Ion Ratio Lower Upper  
45 100  
77 21.9 0.0 34.3  
79 18.7 0.0 31.4



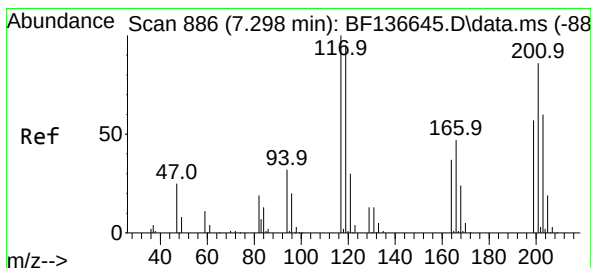
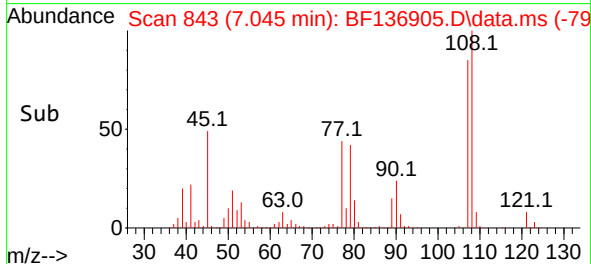
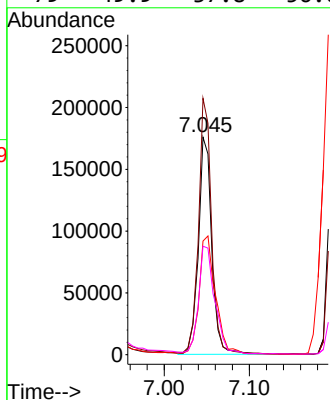


#17  
2-Methylphenol  
Concen: 37.860 ng  
RT: 7.045 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

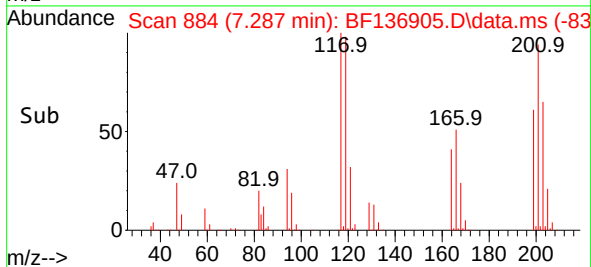
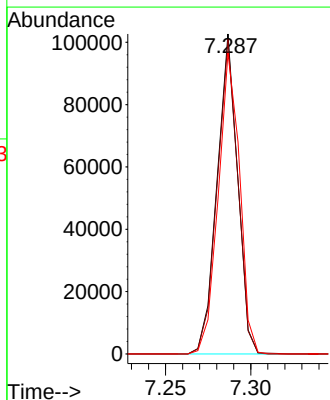
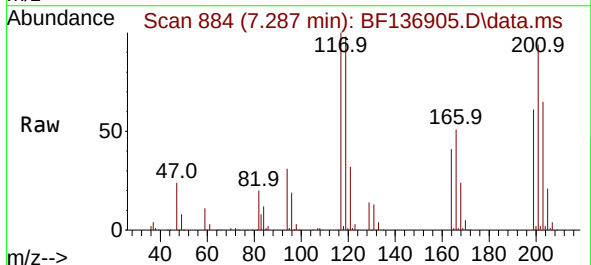


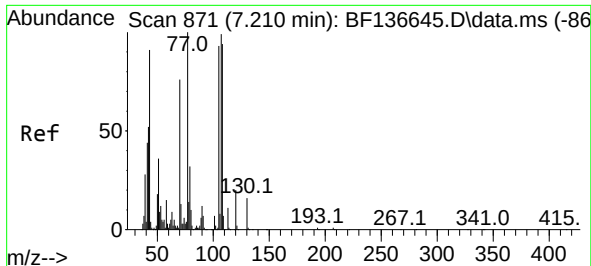
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 117.9 | 90.3  | 135.5 |
| 77      | 52.2  | 38.7  | 58.1  |
| 79      | 49.9  | 37.8  | 56.6  |



#18  
Hexachloroethane  
Concen: 34.631 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.3  | 75.8  | 113.6 |
| 201     | 94.1  | 69.1  | 103.7 |



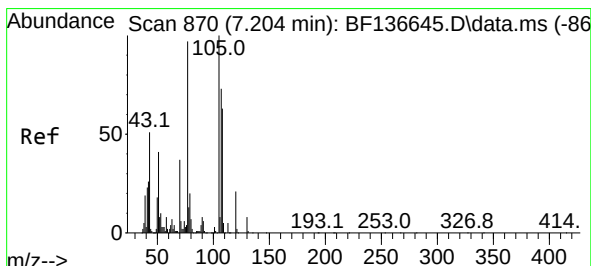
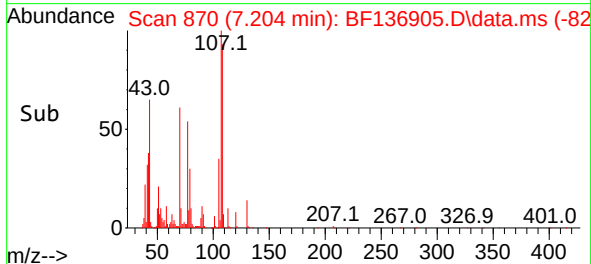
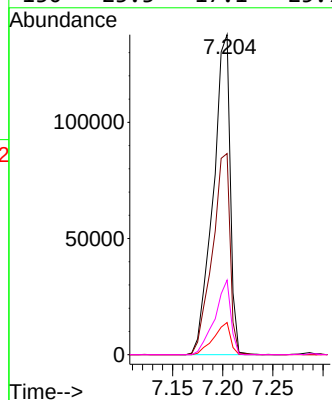
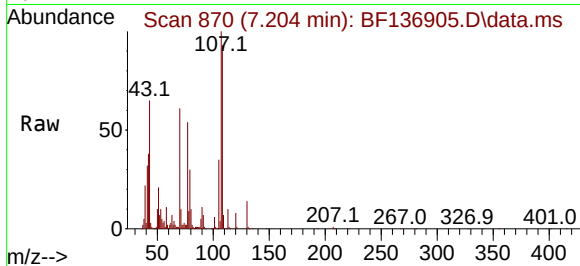


#19  
n-Nitroso-di-n-propylamine  
Concen: 37.008 ng  
RT: 7.204 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

Tgt Ion: 70 Resp: 162939

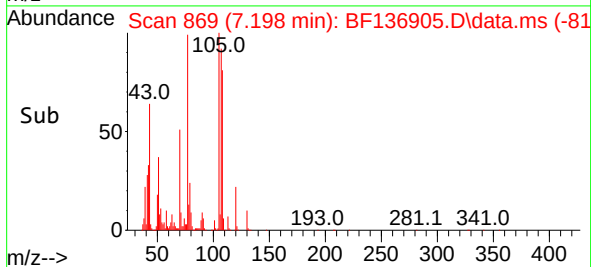
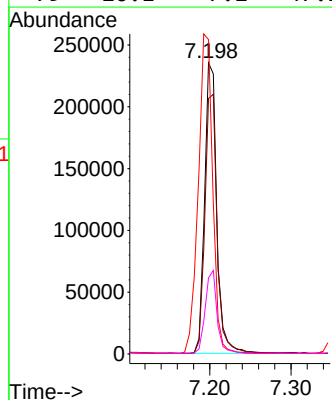
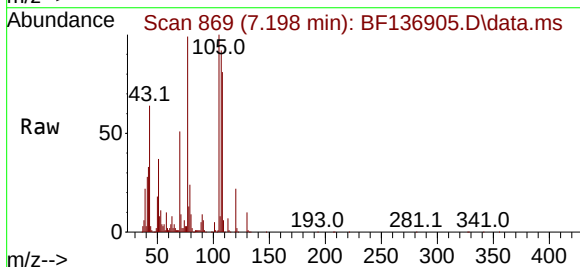
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 62.9  | 54.2  | 81.4  |
| 101 | 10.1  | 7.6   | 11.4  |
| 130 | 23.3  | 17.1  | 25.7  |

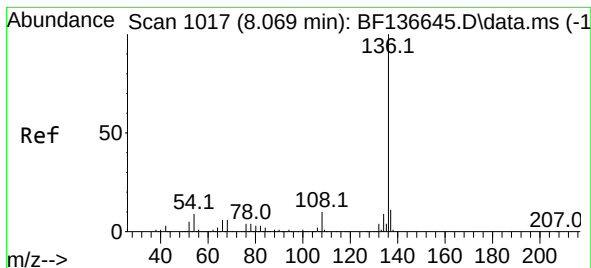


#20  
3+4-Methylphenols  
Concen: 38.463 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion: 107 Resp: 244181

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 87.7  | 66.0  | 106.0  |
| 77  | 108.0 | 114.2 | 154.2# |
| 79  | 26.1  | 7.2   | 47.2   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

Tgt Ion:136 Resp: 340828

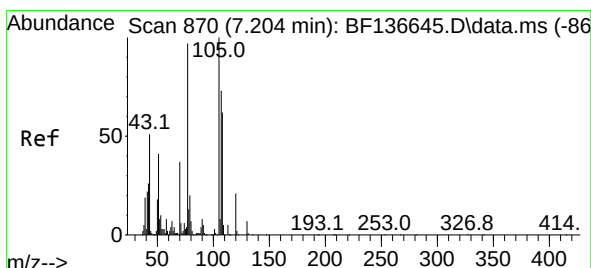
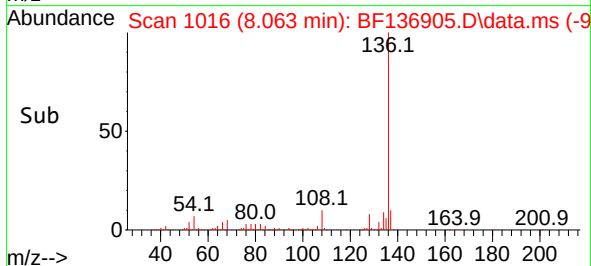
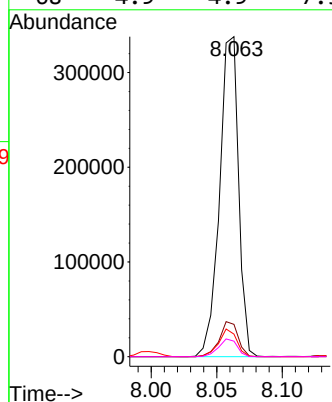
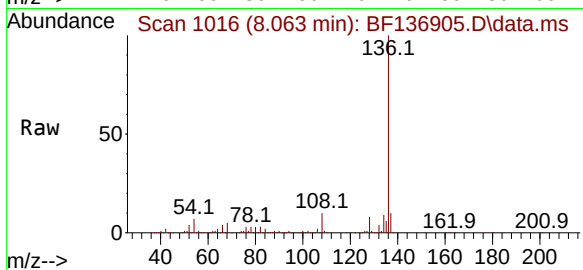
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 7.0 7.2 10.8#

68 4.9 4.9 7.3#



#22

Acetophenone

Concen: 38.858 ng

RT: 7.193 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion:105 Resp: 331956

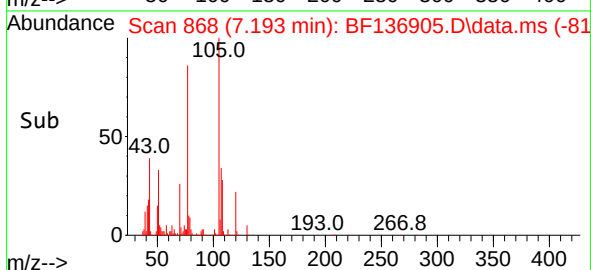
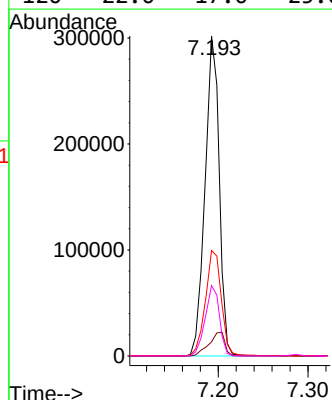
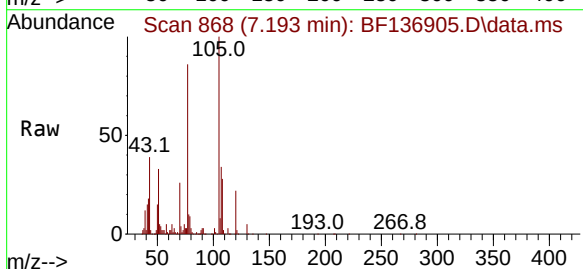
Ion Ratio Lower Upper

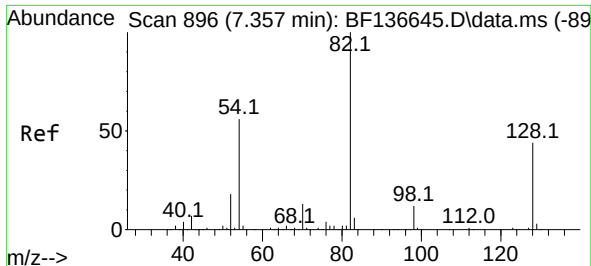
105 100

71 4.4 4.8 7.2#

51 33.0 32.8 49.2

120 22.0 17.0 25.6

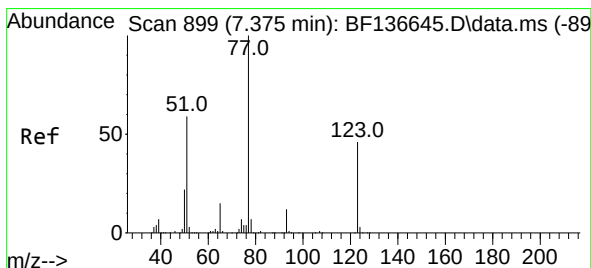
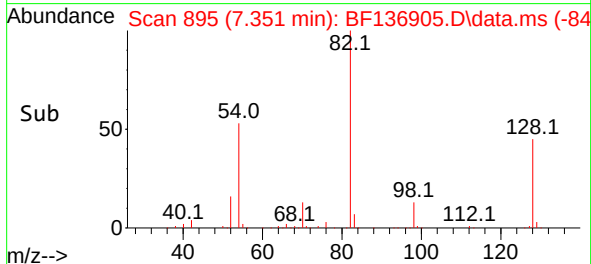
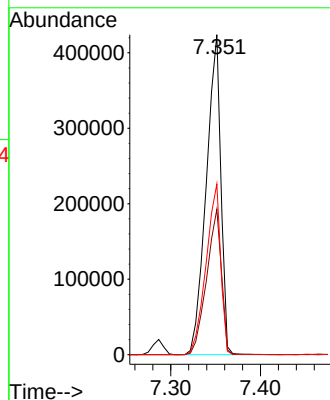
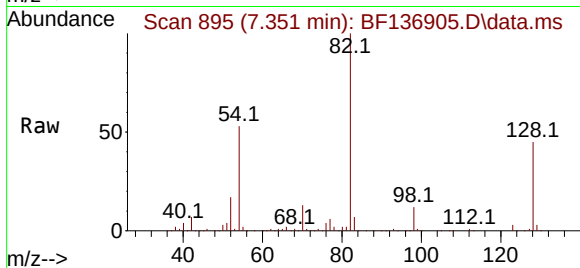




#23  
Nitrobenzene-d5  
Concen: 72.023 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

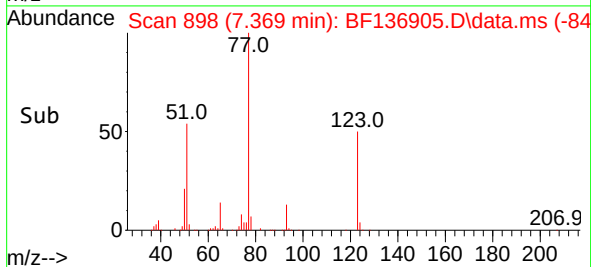
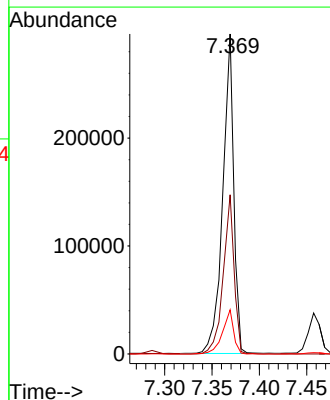
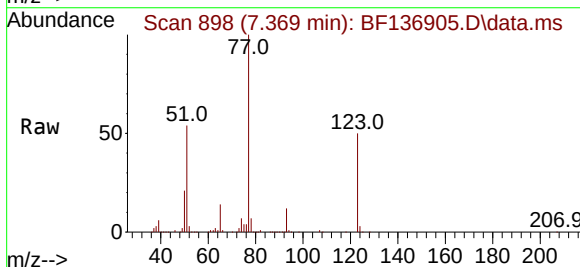
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

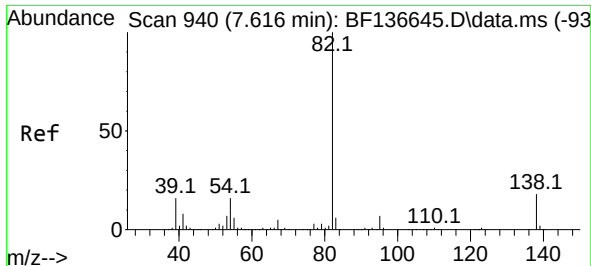
Tgt Ion: 82 Resp: 479713  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.3 52.9  
54 53.4 44.5 66.7



#24  
Nitrobenzene  
Concen: 35.930 ng  
RT: 7.369 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion: 77 Resp: 239727  
Ion Ratio Lower Upper  
77 100  
123 49.7 36.7 55.1  
65 13.8 11.8 17.6

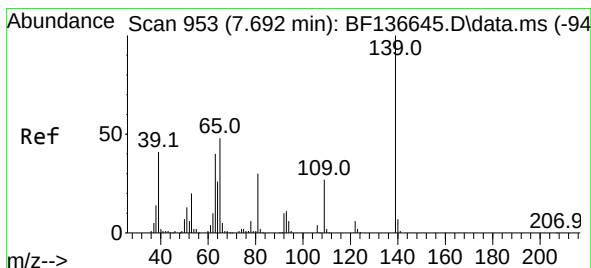
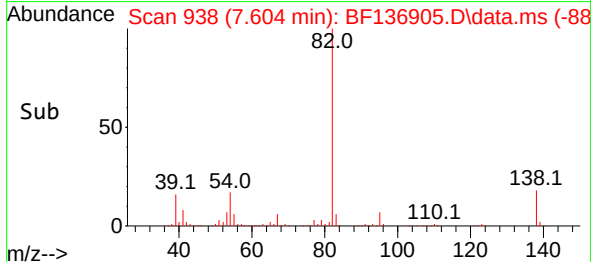
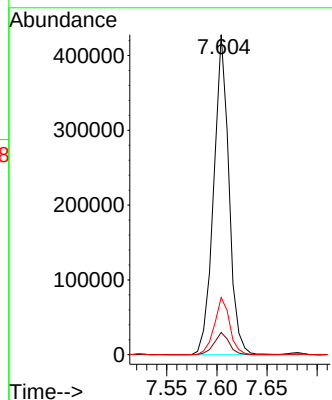
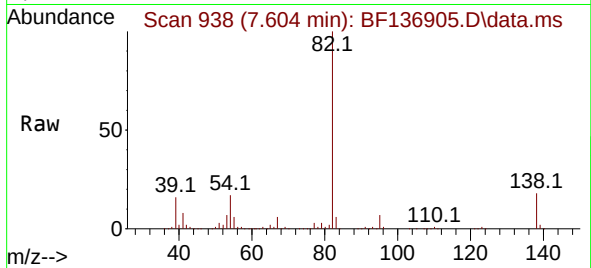




#25  
Isophorone  
Concen: 37.328 ng  
RT: 7.604 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

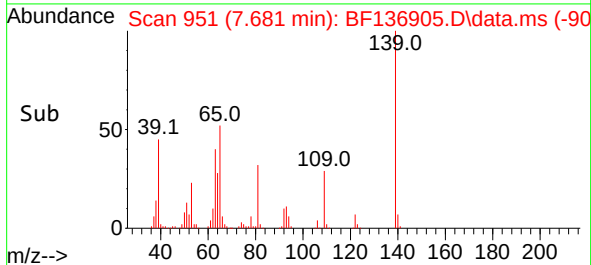
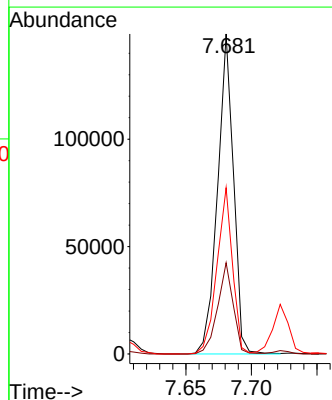
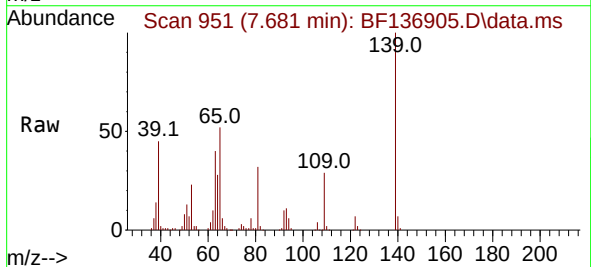
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

Tgt Ion: 82 Resp: 452405  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 17.8 14.5 21.7

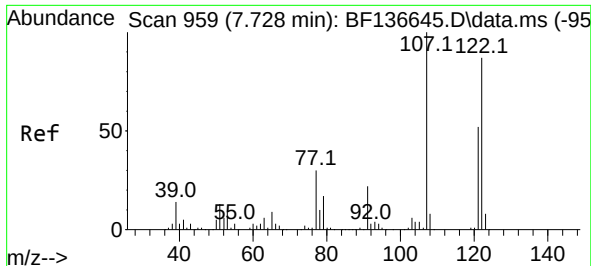


#26  
2-Nitrophenol  
Concen: 39.398 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:139 Resp: 125768  
Ion Ratio Lower Upper  
139 100  
109 28.5 21.9 32.9  
65 52.0 38.6 58.0



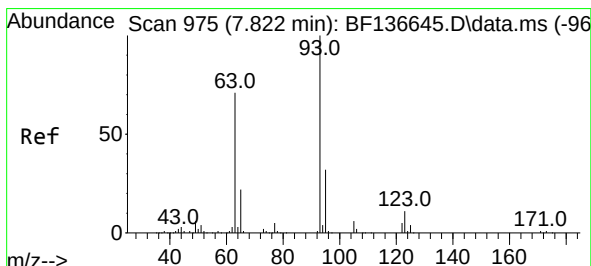
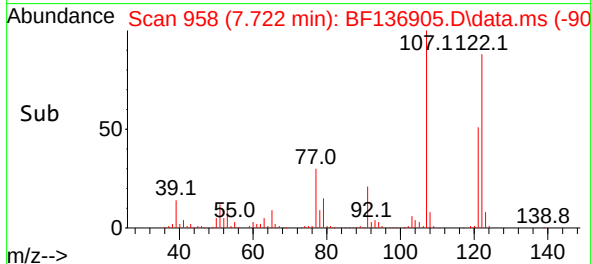
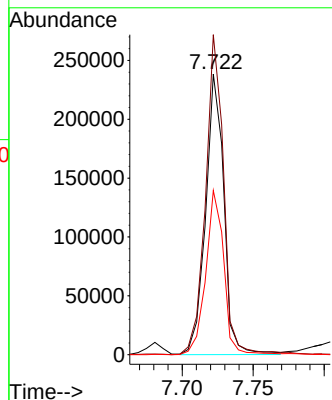
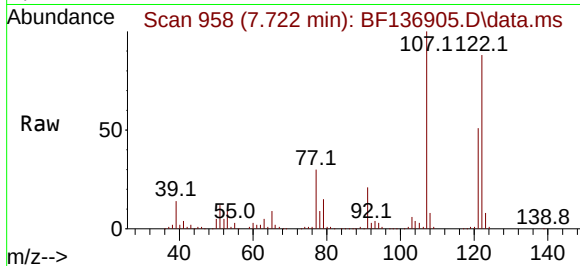




#27  
2,4-Dimethylphenol  
Concen: 54.895 ng  
RT: 7.722 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

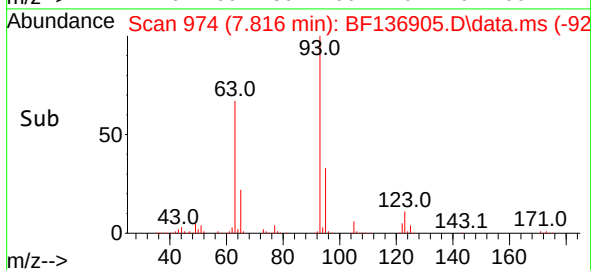
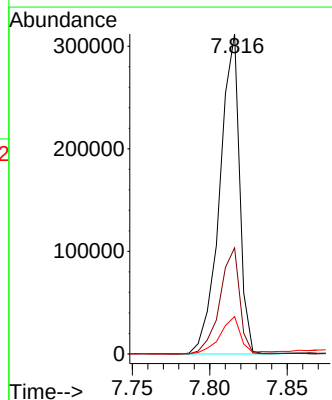
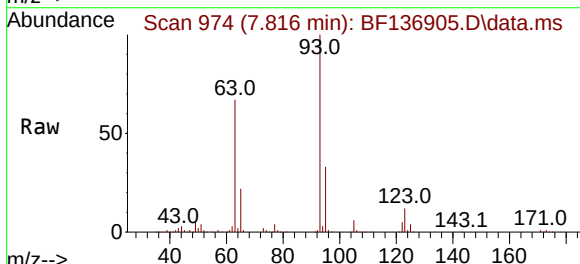
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

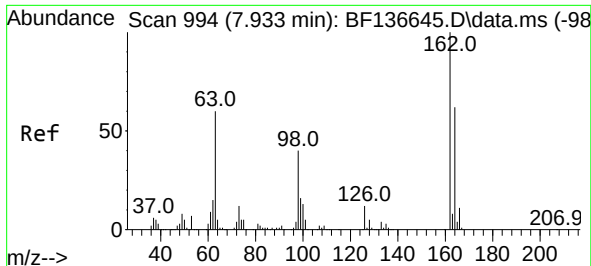
Tgt Ion:122 Resp: 213342  
Ion Ratio Lower Upper  
122 100  
107 114.0 92.0 138.0  
121 58.5 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.748 ng  
RT: 7.816 min Scan# 974  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion: 93 Resp: 278087  
Ion Ratio Lower Upper  
93 100  
95 33.1 25.5 38.3  
123 11.7 9.2 13.8

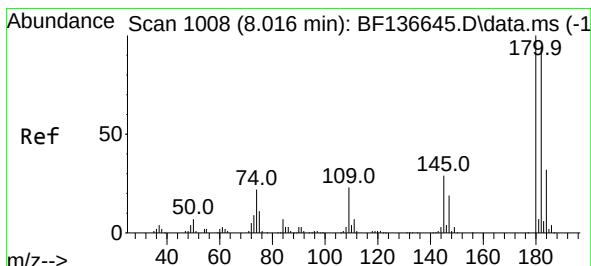
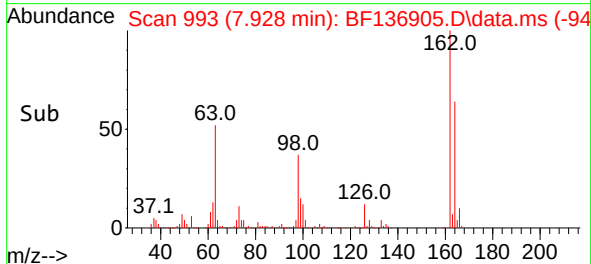
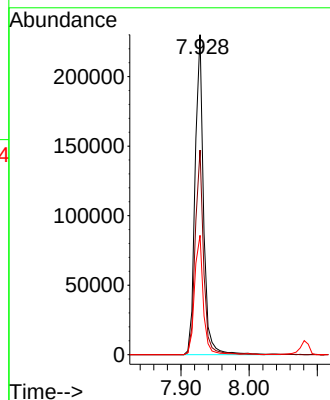
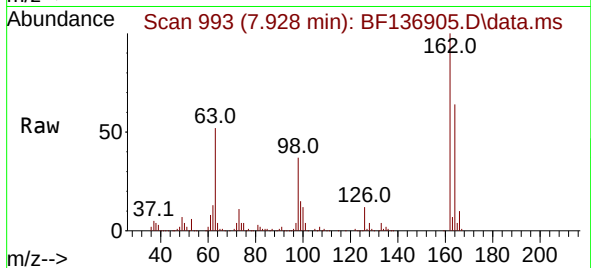




#29  
2,4-Dichlorophenol  
Concen: 39.203 ng  
RT: 7.928 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

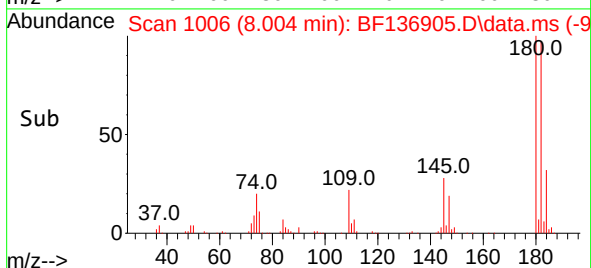
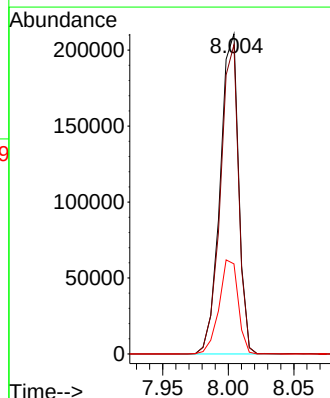
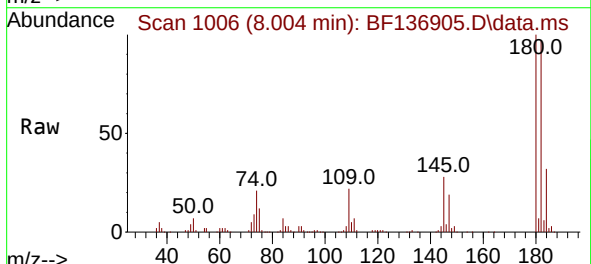
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

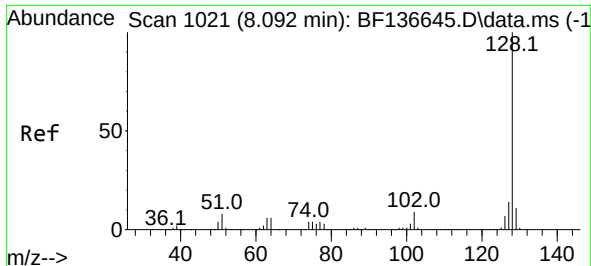
Tgt Ion:162 Resp: 196149  
Ion Ratio Lower Upper  
162 100  
164 63.9 41.7 81.7  
98 37.3 19.5 59.5



#30  
1,2,4-Trichlorobenzene  
Concen: 37.080 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:180 Resp: 206709  
Ion Ratio Lower Upper  
180 100  
182 96.7 75.4 113.0  
145 28.1 23.1 34.7

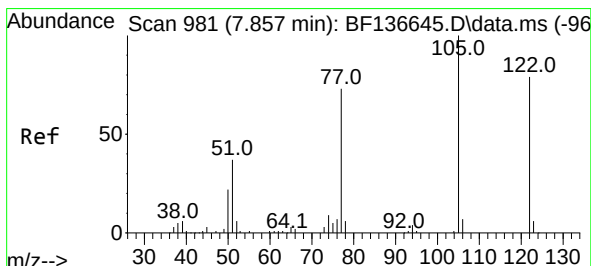
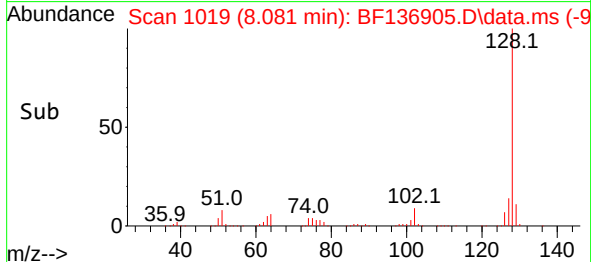
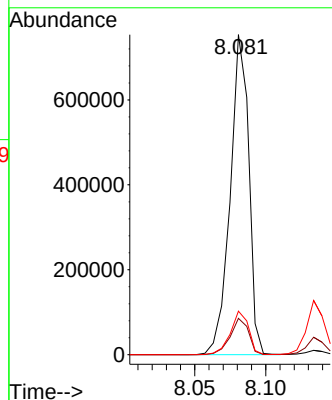
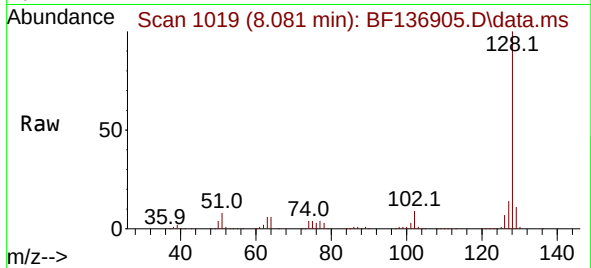




#31  
Naphthalene  
Concen: 36.594 ng  
RT: 8.081 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

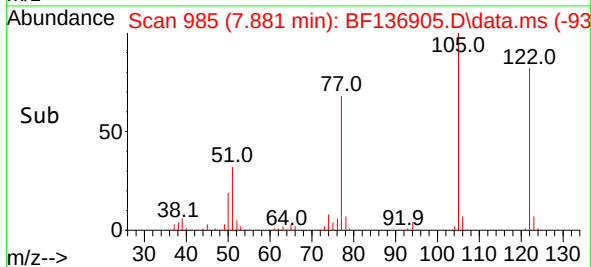
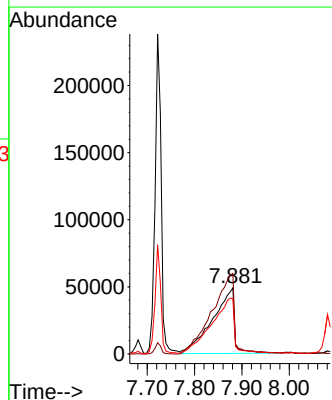
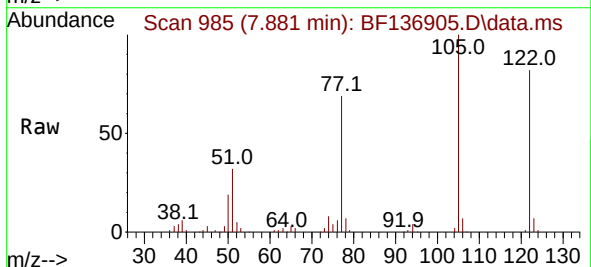
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

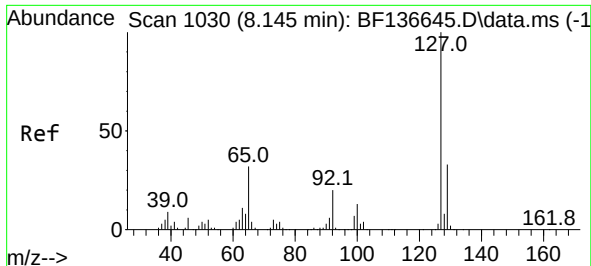
Tgt Ion:128 Resp: 685195  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 13.6 10.8 16.2



#32  
Benzoic acid  
Concen: 42.203 ng  
RT: 7.881 min Scan# 985  
Delta R.T. 0.024 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:122 Resp: 158697  
Ion Ratio Lower Upper  
122 100  
105 121.8 100.8 140.8  
77 84.1 70.9 110.9

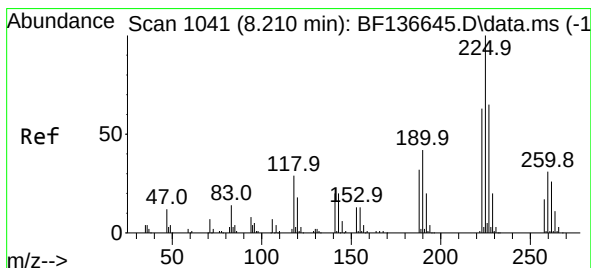
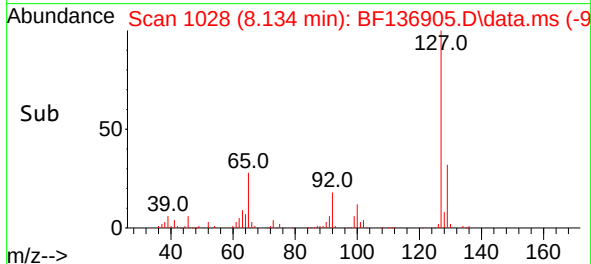
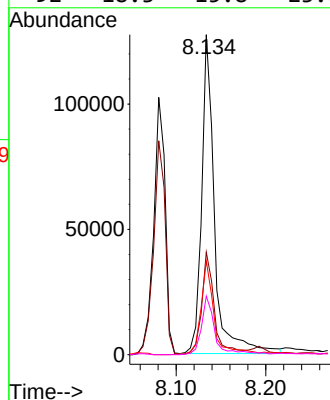
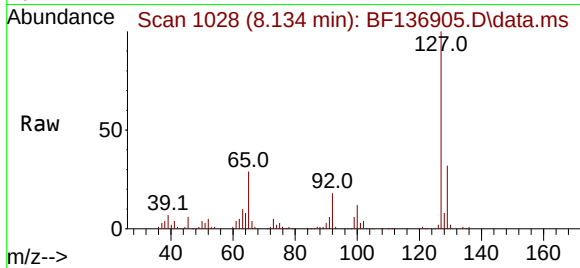




#33  
4-Chloroaniline  
Concen: 18.390 ng  
RT: 8.134 min Scan# 1030  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

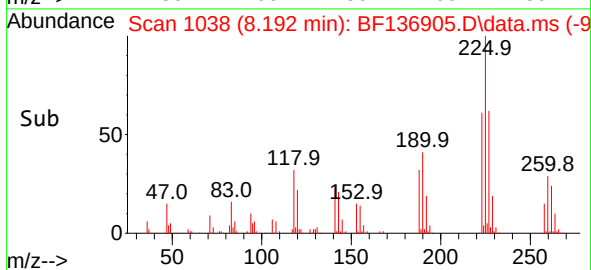
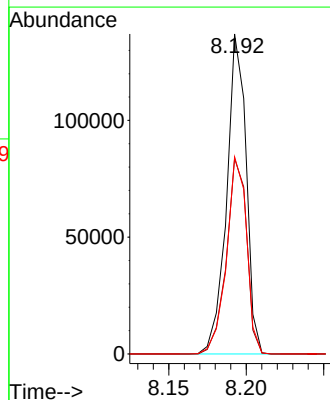
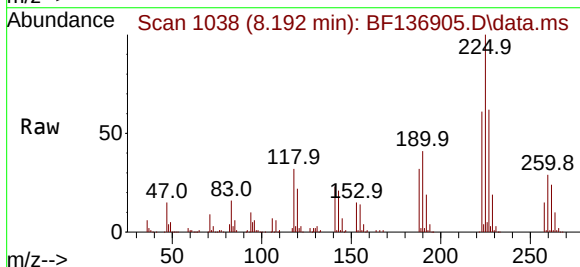
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

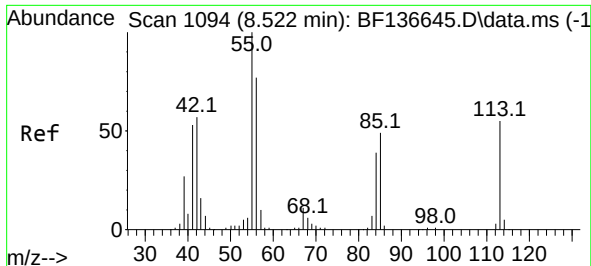
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 127137 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.3  | 39.5   |
| 65       | 29.3  | 25.8  | 38.8   |
| 92       | 18.3  | 15.8  | 23.6   |



#34  
Hexachlorobutadiene  
Concen: 35.393 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.017 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 119874 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.1  | 50.6  | 76.0   |
| 227      | 61.6  | 51.9  | 77.9   |

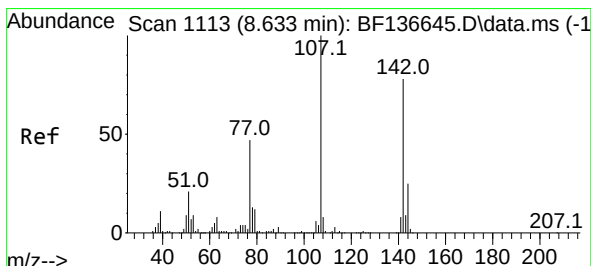
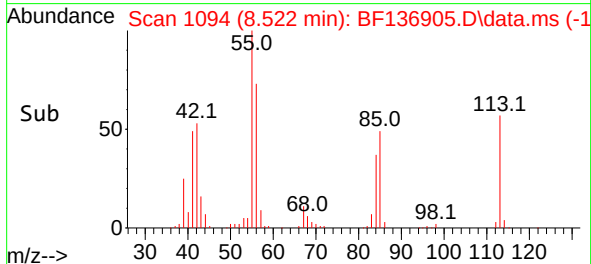
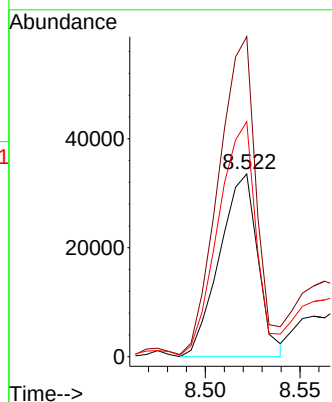
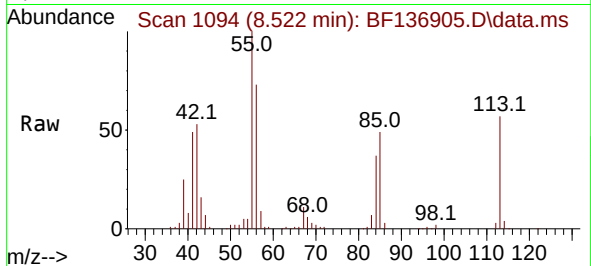




#35  
 Caprolactam  
 Concen: 28.545 ng  
 RT: 8.522 min Scan# 1094  
 Delta R.T. 0.000 min  
 Lab File: BF136905.D  
 Acq: 03 Jan 2024 13:39

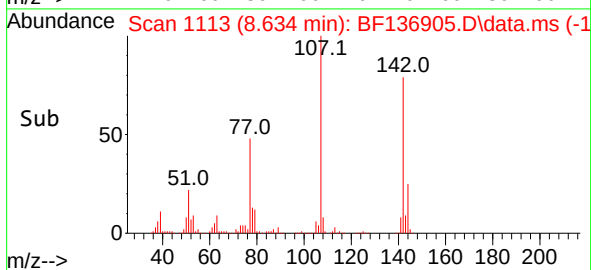
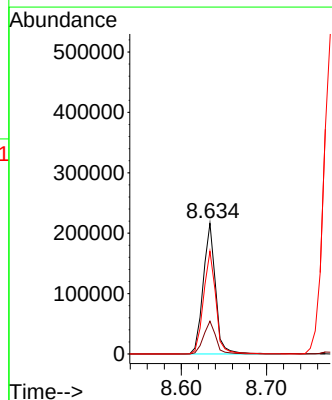
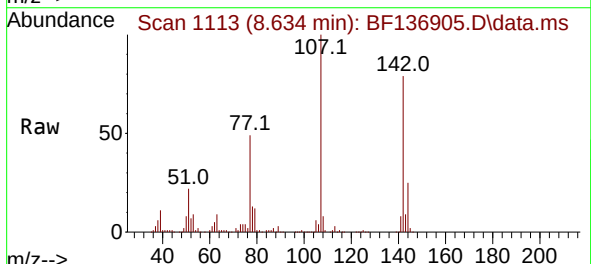
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157996BS

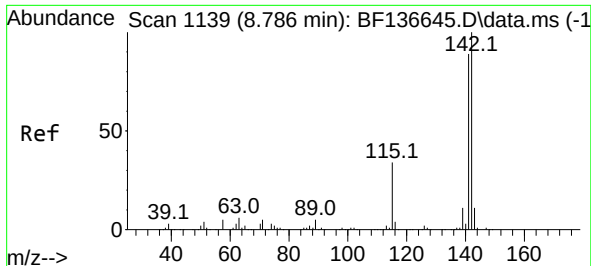
Tgt Ion:113 Resp: 47116  
 Ion Ratio Lower Upper  
 113 100  
 55 175.1 163.1 203.1  
 56 128.6 121.7 161.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.502 ng  
 RT: 8.634 min Scan# 1113  
 Delta R.T. 0.000 min  
 Lab File: BF136905.D  
 Acq: 03 Jan 2024 13:39

Tgt Ion:107 Resp: 216871  
 Ion Ratio Lower Upper  
 107 100  
 144 25.0 20.2 30.2  
 142 78.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.588 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

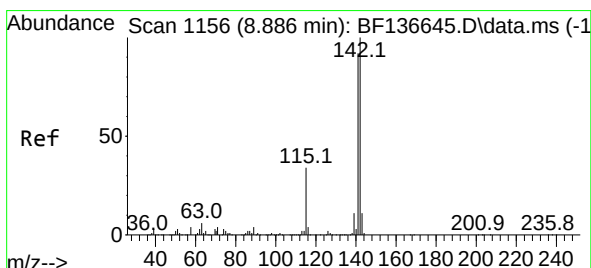
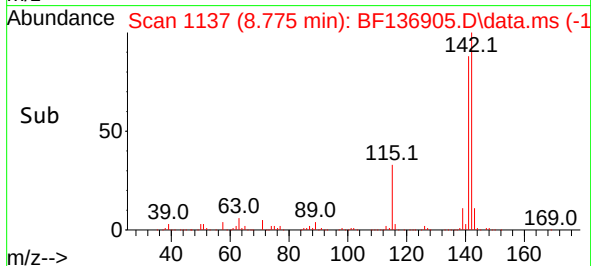
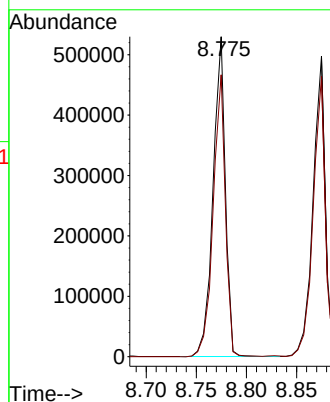
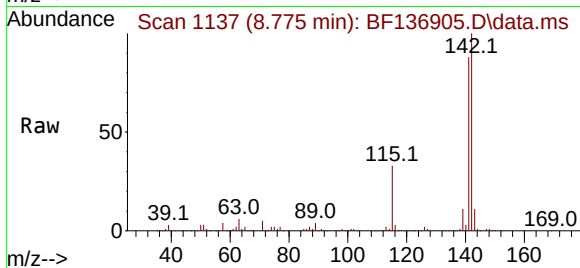
PB157996BS

Tgt Ion:142 Resp: 452946

Ion Ratio Lower Upper

142 100

141 88.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.326 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136905.D

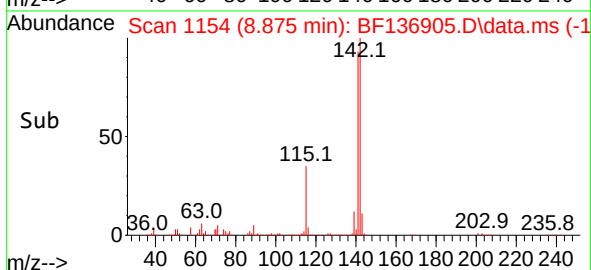
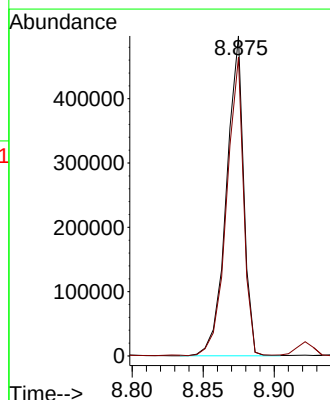
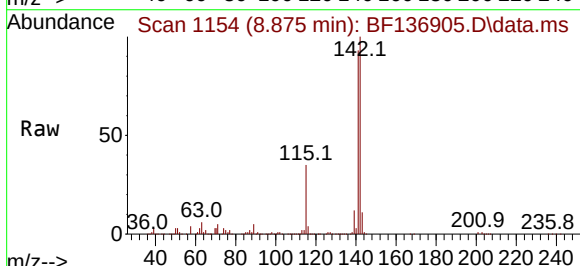
Acq: 03 Jan 2024 13:39

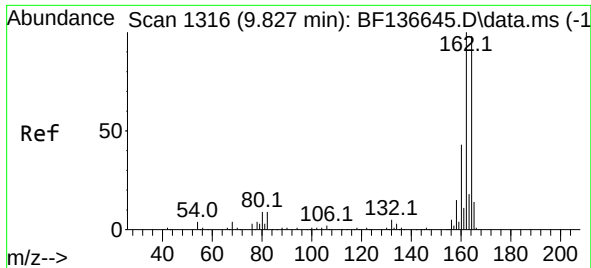
Tgt Ion:142 Resp: 417641

Ion Ratio Lower Upper

142 100

141 93.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

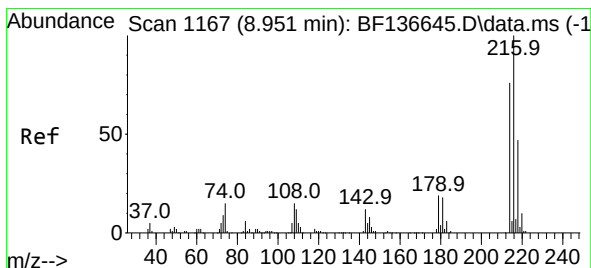
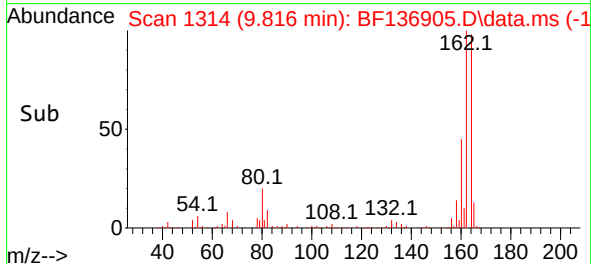
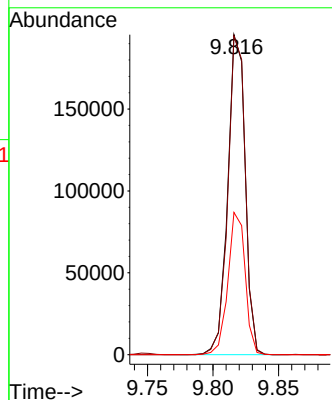
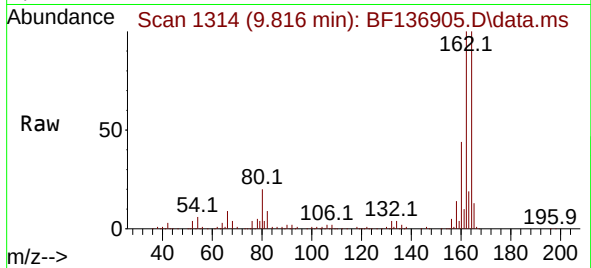
Tgt Ion:164 Resp: 180497

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

160 44.5 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.440 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion:216 Resp: 214873

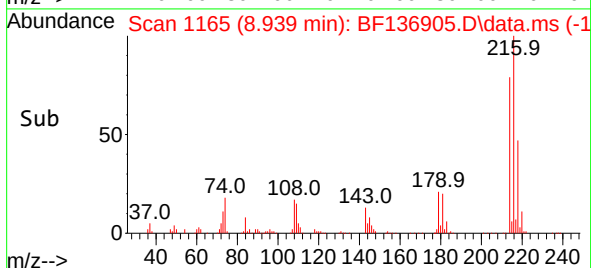
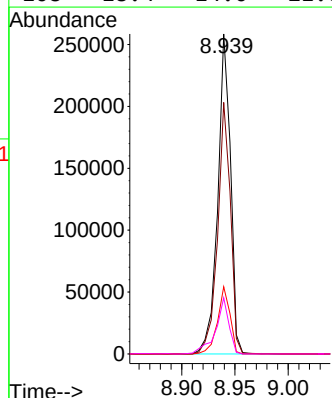
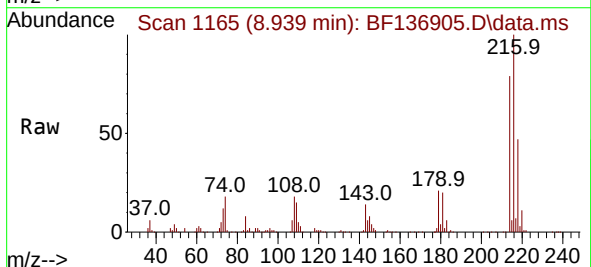
Ion Ratio Lower Upper

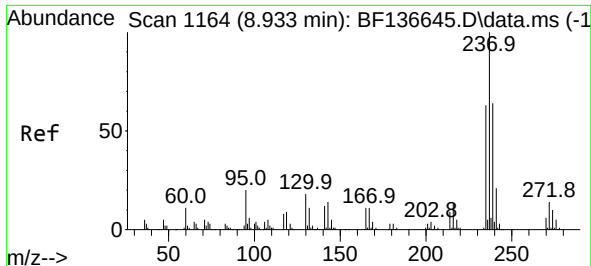
216 100

214 78.8 62.3 93.5

179 20.6 16.4 24.6

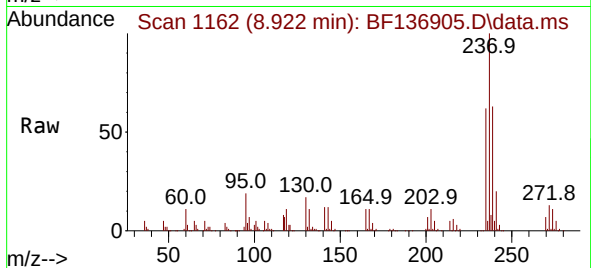
108 18.4 14.0 21.0



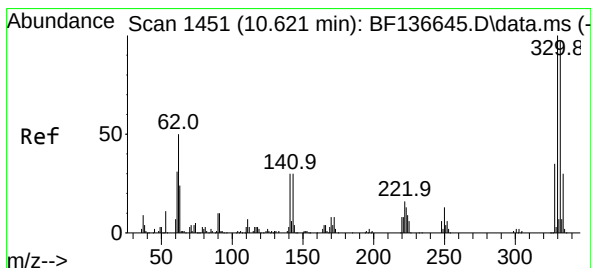
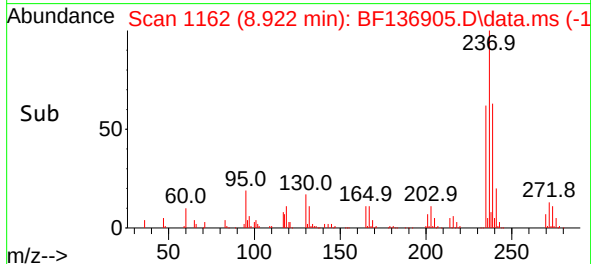
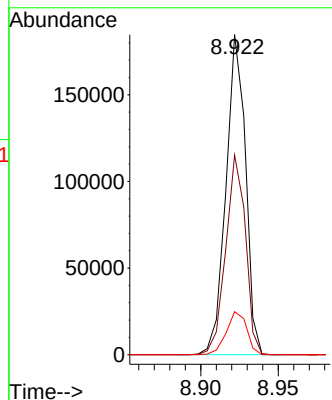


#41  
Hexachlorocyclopentadiene  
Concen: 90.365 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

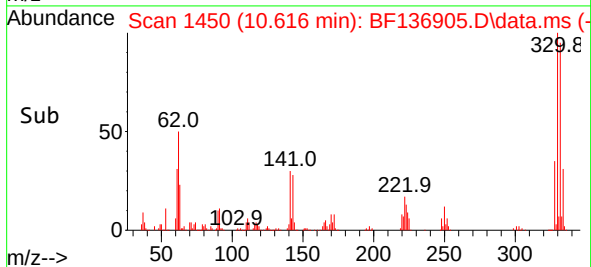
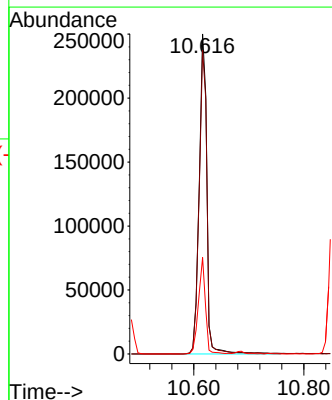
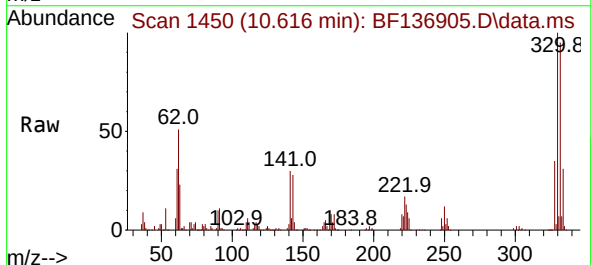


Tgt Ion:237 Resp: 162263  
Ion Ratio Lower Upper  
237 100  
235 62.4 43.2 83.2  
272 13.4 0.0 34.2

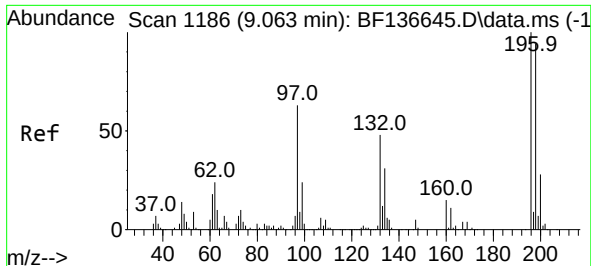


#42  
2,4,6-Tribromophenol  
Concen: 114.098 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:330 Resp: 242545  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.4 116.0  
141 27.5 23.4 35.2



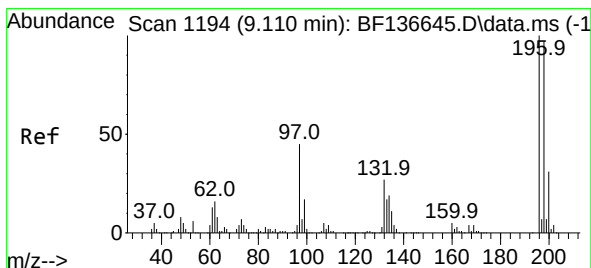
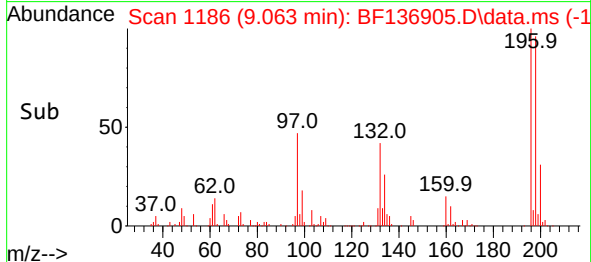
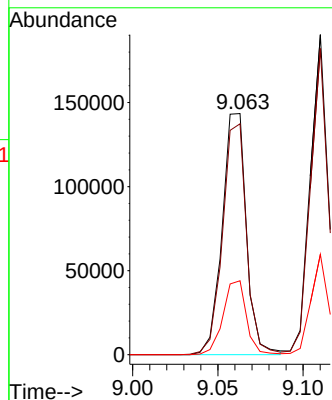
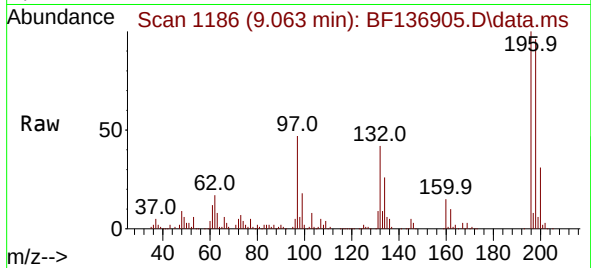




#43  
2,4,6-Trichlorophenol  
Concen: 39.635 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

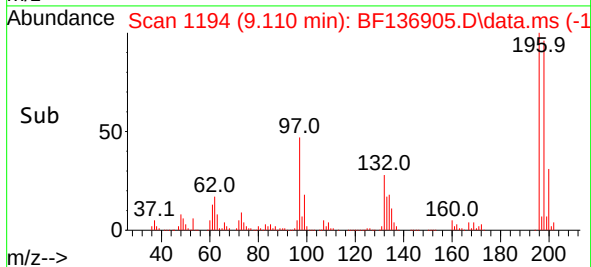
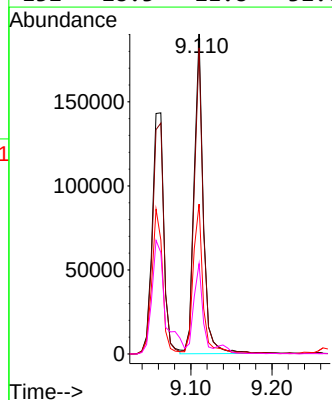
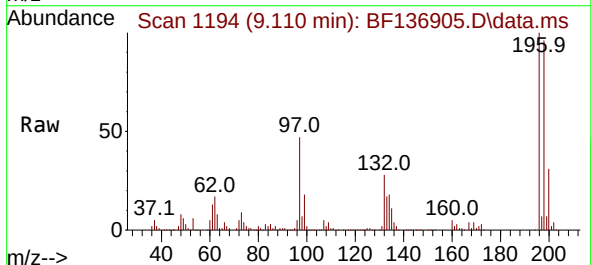
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

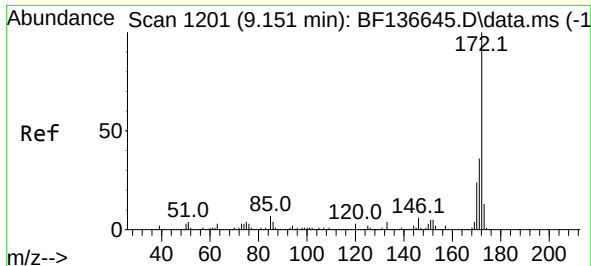
Tgt Ion:196 Resp: 142087  
Ion Ratio Lower Upper  
196 100  
198 95.8 75.1 112.7  
200 30.6 22.5 33.7



#44  
2,4,5-Trichlorophenol  
Concen: 37.572 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:196 Resp: 150095  
Ion Ratio Lower Upper  
196 100  
198 95.6 77.0 115.6  
97 46.9 36.1 54.1  
132 28.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 72.353 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

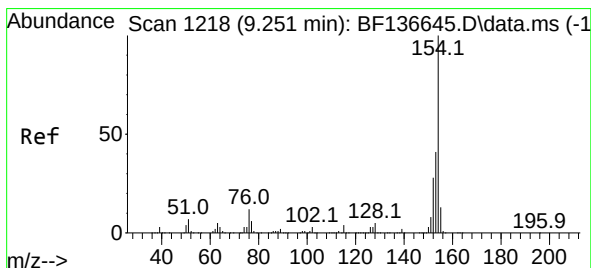
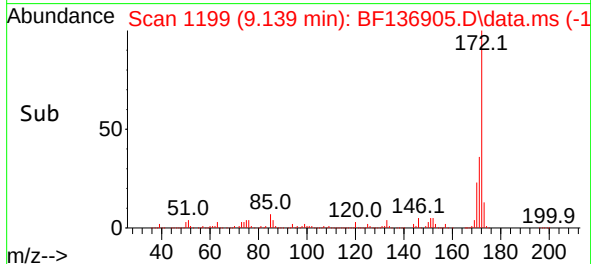
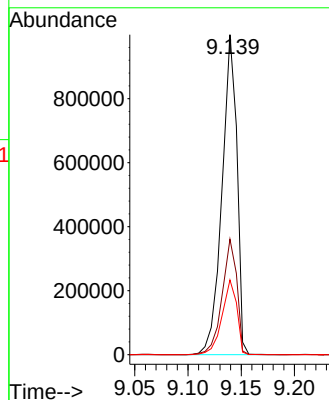
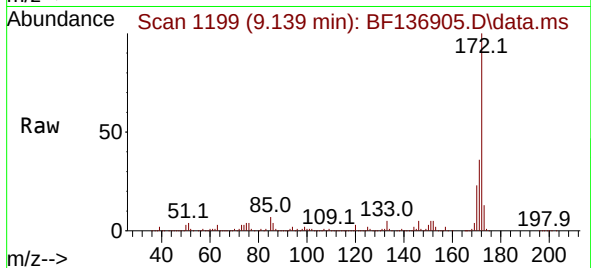
Tgt Ion:172 Resp: 970977

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.277 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

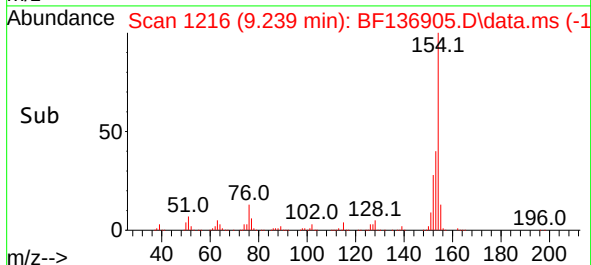
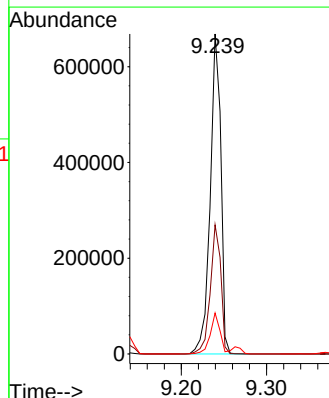
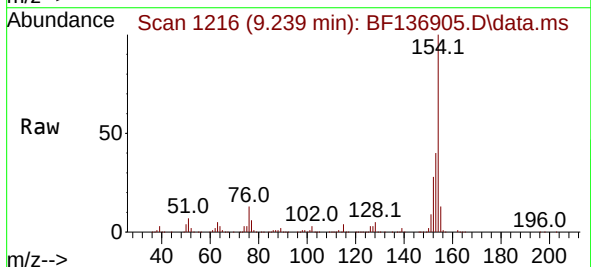
Tgt Ion:154 Resp: 579761

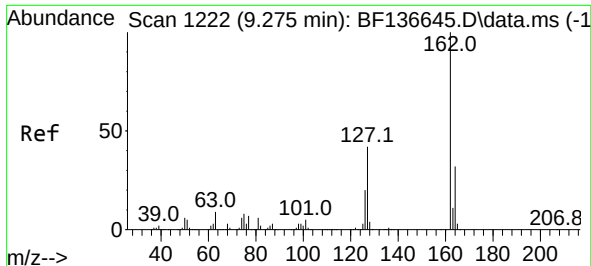
Ion Ratio Lower Upper

154 100

153 40.4 21.1 61.1

76 12.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 37.202 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

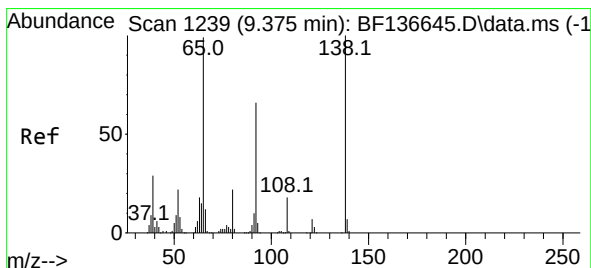
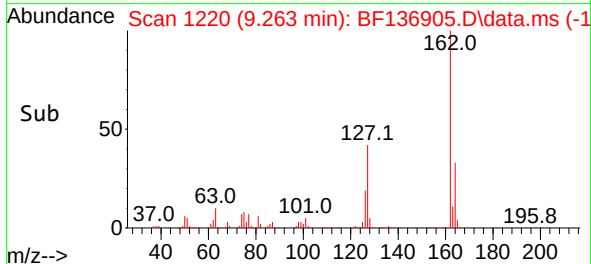
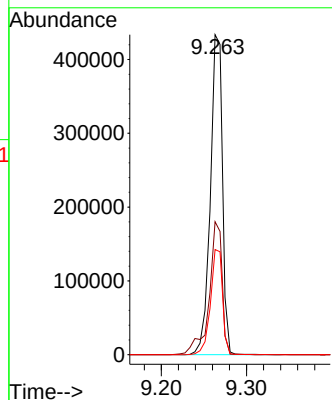
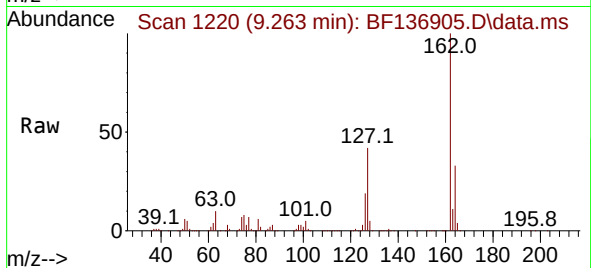
Tgt Ion:162 Resp: 428369

Ion Ratio Lower Upper

162 100

127 41.5 33.6 50.4

164 32.9 25.7 38.5



#48

2-Nitroaniline

Concen: 38.639 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

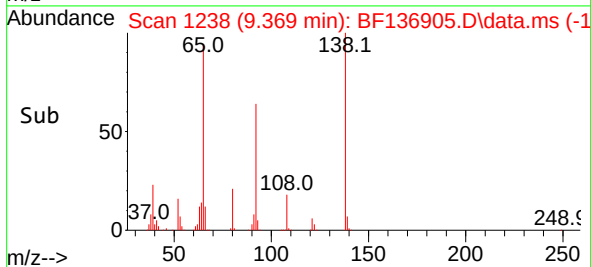
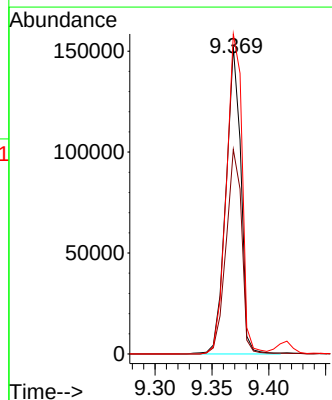
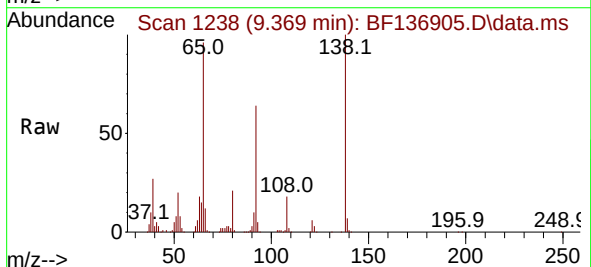
Tgt Ion: 65 Resp: 139323

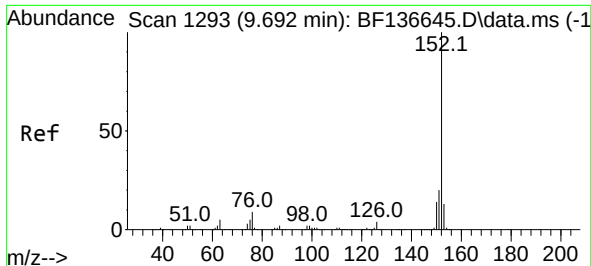
Ion Ratio Lower Upper

65 100

92 66.5 53.2 79.8

138 104.1 81.1 121.7

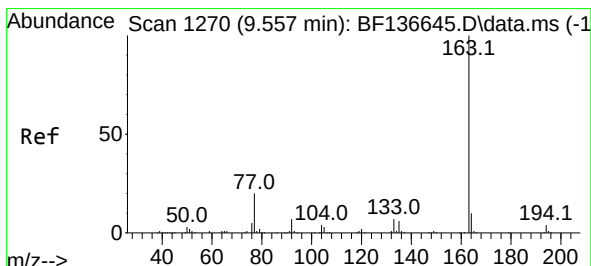
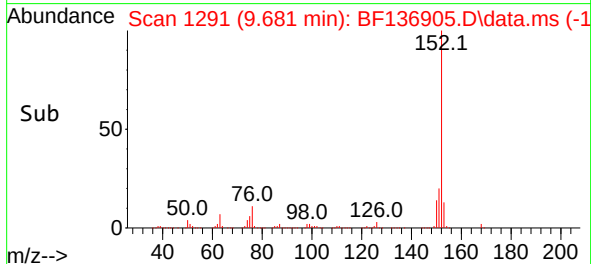
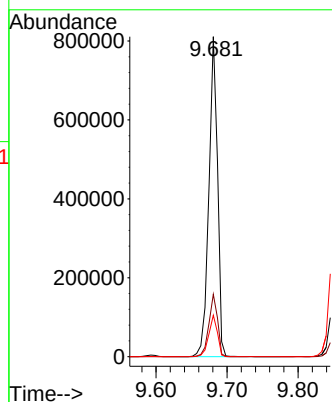
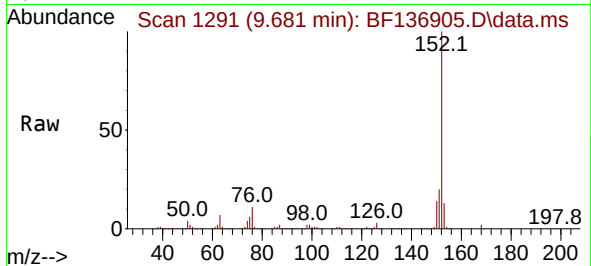




#49  
Acenaphthylene  
Concen: 39.128 ng  
RT: 9.681 min Scan# 1291  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

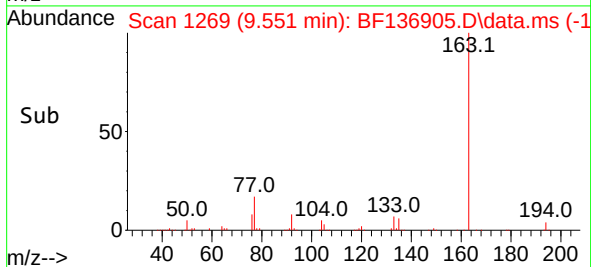
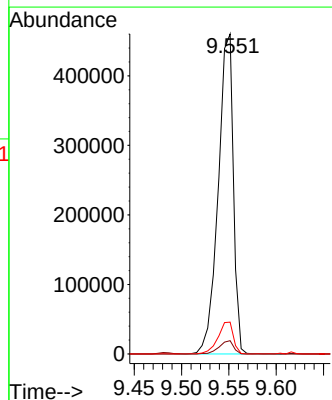
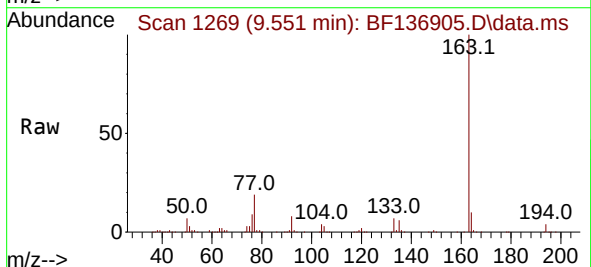
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

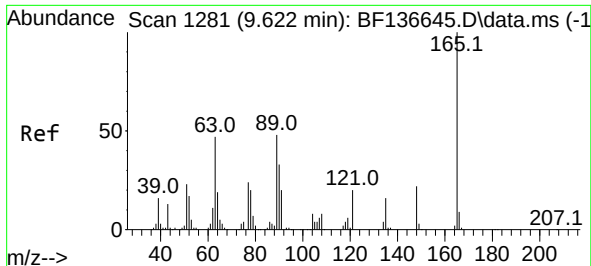
Tgt Ion:152 Resp: 688652  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.2 24.4  
153 12.9 10.2 15.2



#50  
Dimethylphthalate  
Concen: 38.849 ng  
RT: 9.551 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:163 Resp: 512189  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 9.9 7.8 11.6

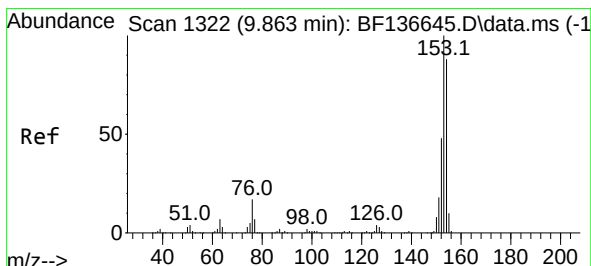
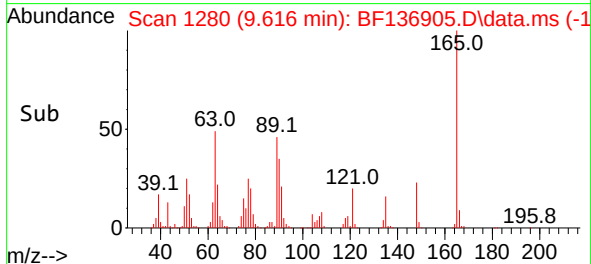
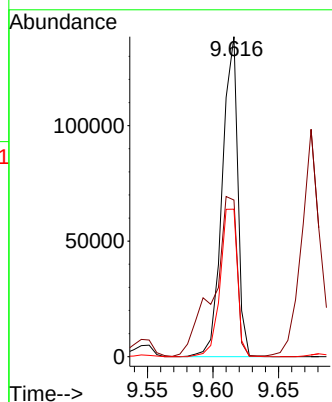
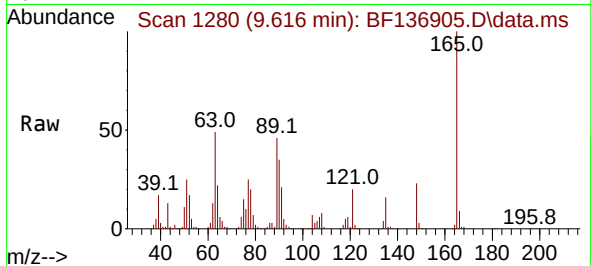




#51  
2,6-Dinitrotoluene  
Concen: 38.031 ng  
RT: 9.616 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

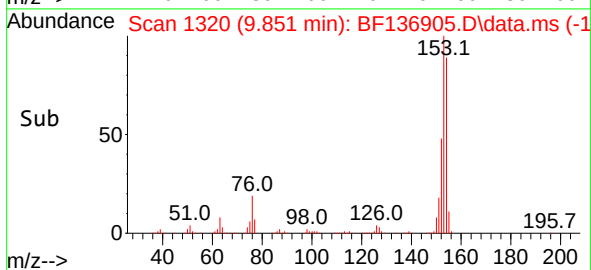
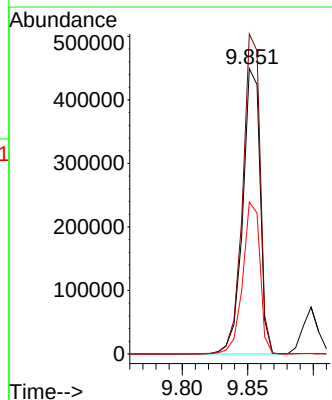
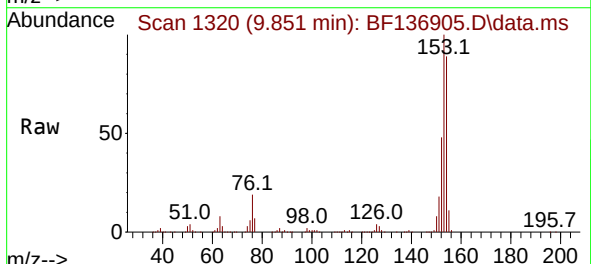
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

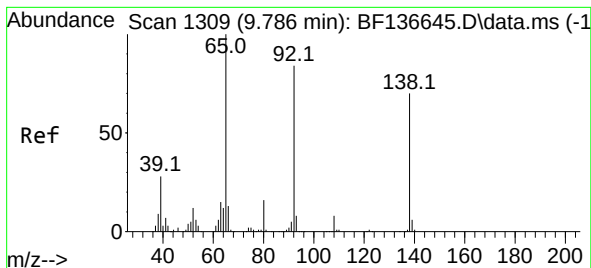
Tgt Ion:165 Resp: 113792  
Ion Ratio Lower Upper  
165 100  
63 48.9 39.8 59.6  
89 46.1 38.8 58.2



#52  
Acenaphthene  
Concen: 38.078 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:154 Resp: 415422  
Ion Ratio Lower Upper  
154 100  
153 112.1 90.7 136.1  
152 53.3 43.7 65.5





#53

3-Nitroaniline

Concen: 29.011 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

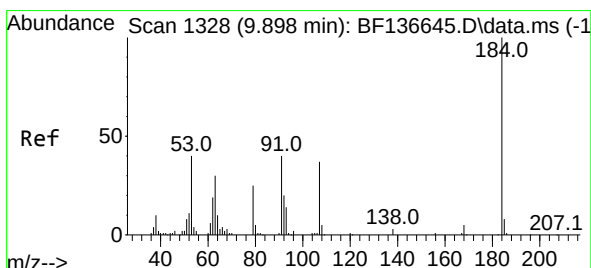
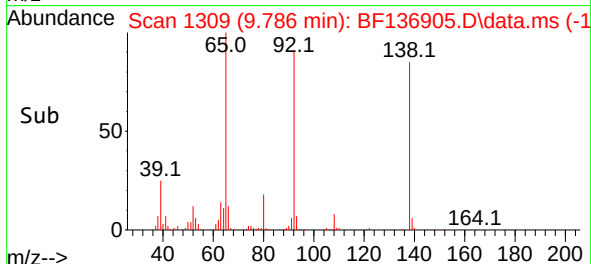
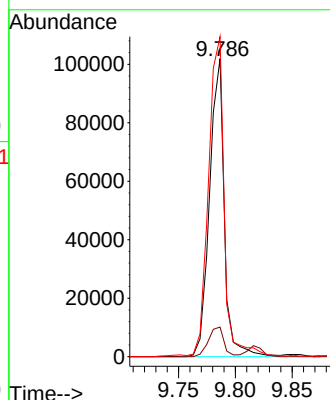
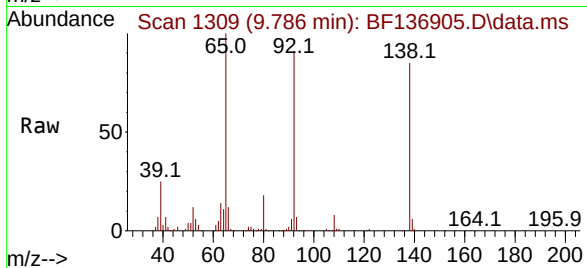
Tgt Ion:138 Resp: 91953

Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

92 107.4 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 68.515 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

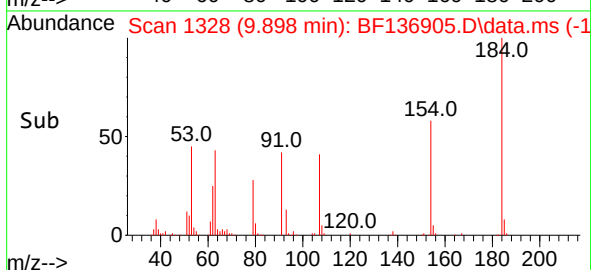
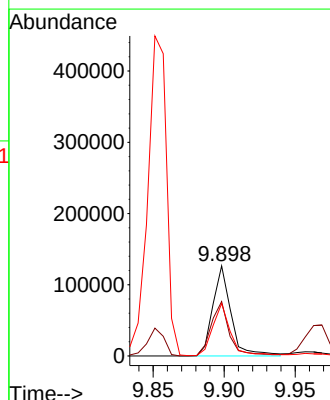
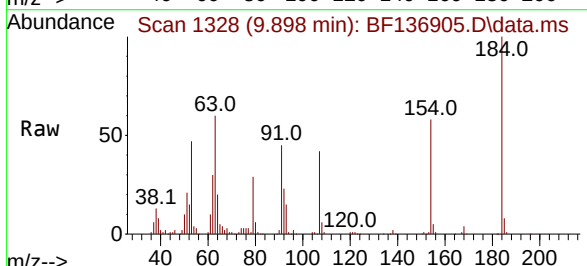
Tgt Ion:184 Resp: 112686

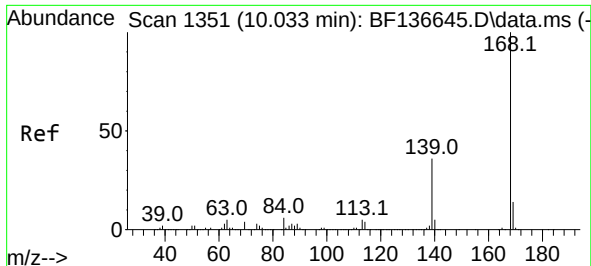
Ion Ratio Lower Upper

184 100

63 60.5 40.9 61.3

154 58.4 42.7 64.1

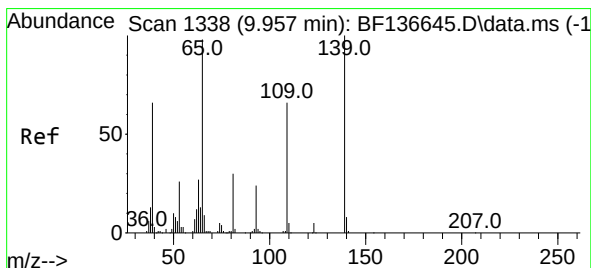
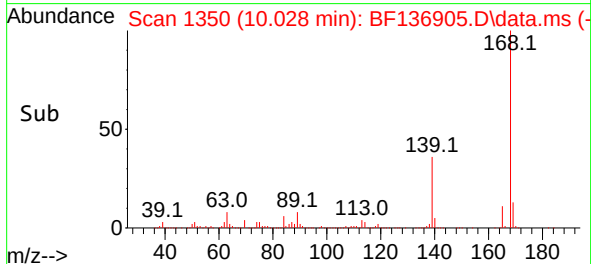
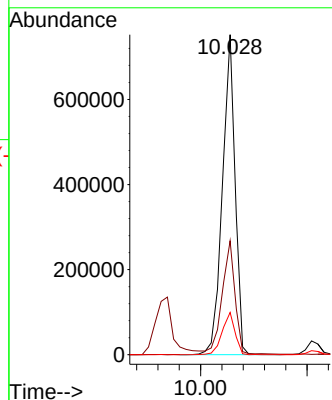
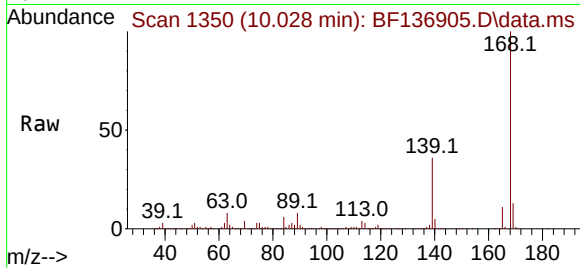




#55  
Dibenzenofuran  
Concen: 37.441 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

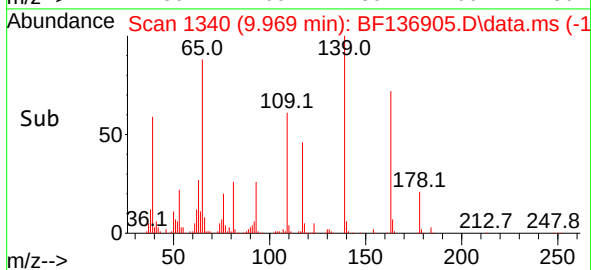
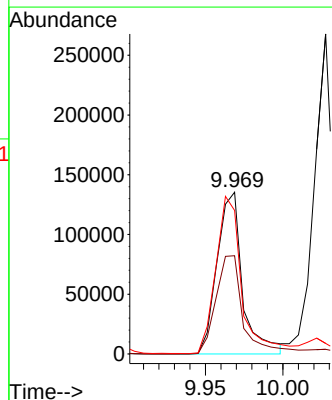
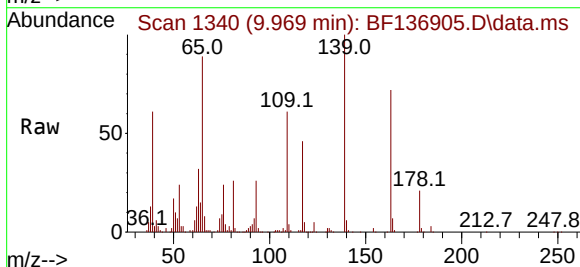
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

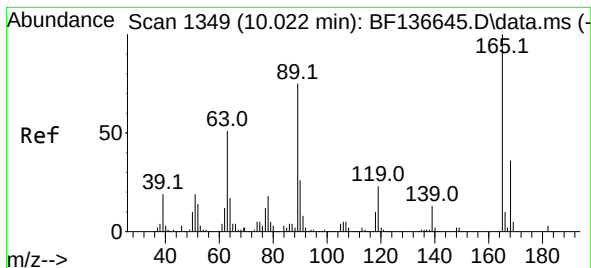
Tgt Ion:168 Resp: 619184  
Ion Ratio Lower Upper  
168 100  
139 35.6 29.3 43.9  
169 13.2 11.0 16.4



#56  
4-Nitrophenol  
Concen: 72.323 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:139 Resp: 154746  
Ion Ratio Lower Upper  
139 100  
109 60.7 45.8 85.8  
65 88.7 77.8 117.8

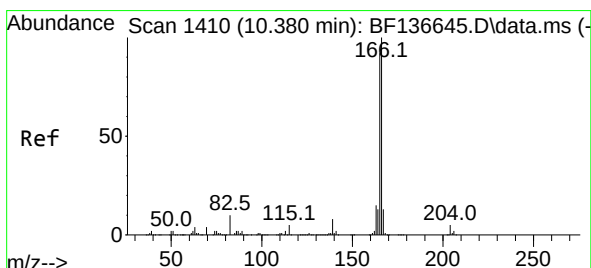
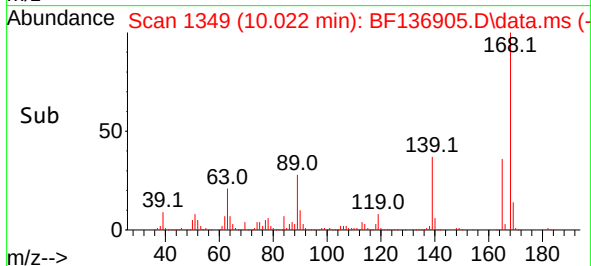
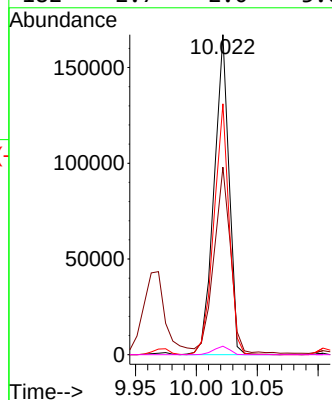
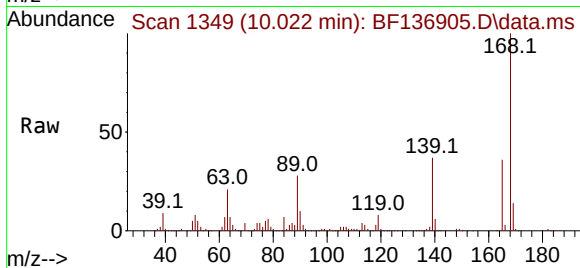




#57  
2,4-Dinitrotoluene  
Concen: 36.965 ng  
RT: 10.022 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

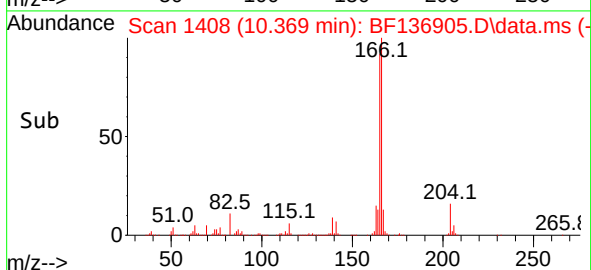
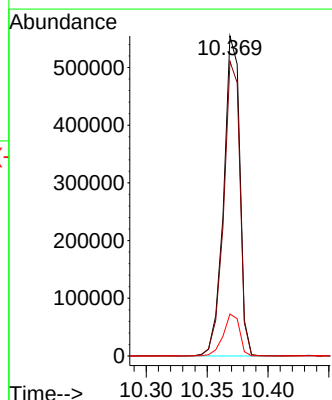
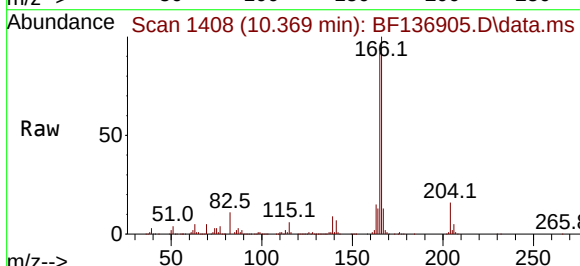
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 143586 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 58.6  | 41.0  | 61.6   |
| 89       | 78.4  | 59.9  | 89.9   |
| 182      | 2.7   | 2.0   | 3.0    |

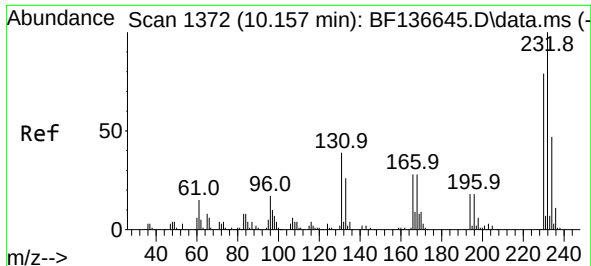


#58  
Fluorene  
Concen: 39.021 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 512035 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 92.1  | 73.7  | 110.5  |
| 167      | 13.1  | 10.4  | 15.6   |



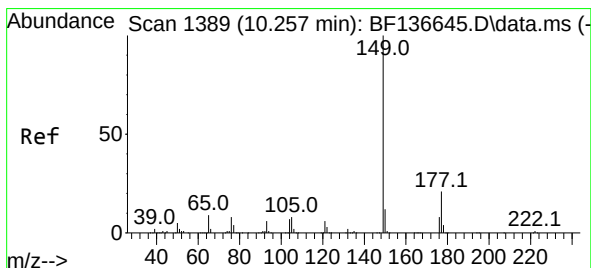
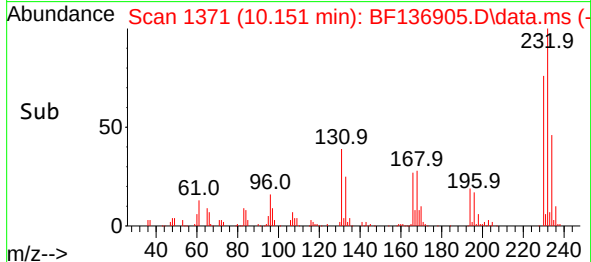
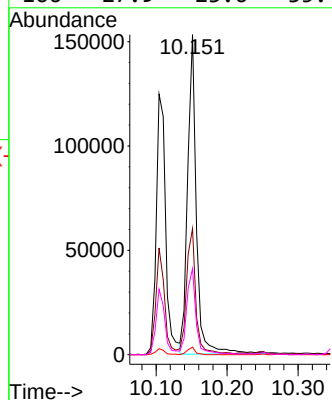
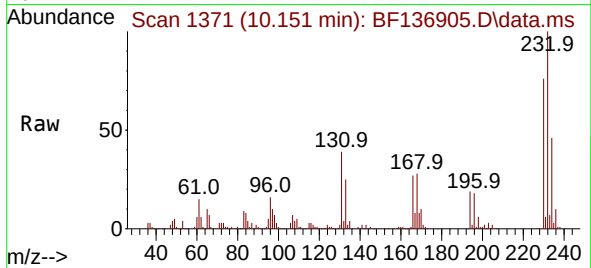




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.352 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

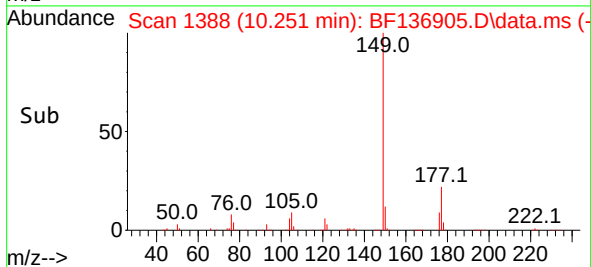
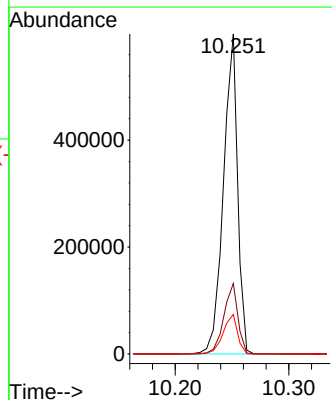
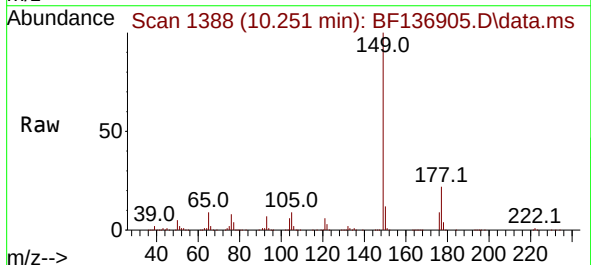
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

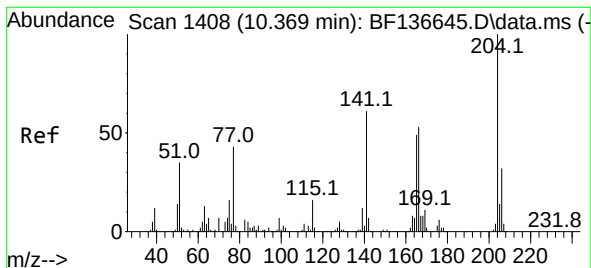
Tgt Ion:232 Resp: 130239  
Ion Ratio Lower Upper  
232 100  
131 41.5 35.1 52.7  
130 2.1 1.6 2.4  
166 27.9 23.6 35.4



#60  
Diethylphthalate  
Concen: 37.932 ng  
RT: 10.251 min Scan# 1388  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:149 Resp: 518881  
Ion Ratio Lower Upper  
149 100  
177 22.1 16.9 25.3  
150 12.4 9.3 13.9

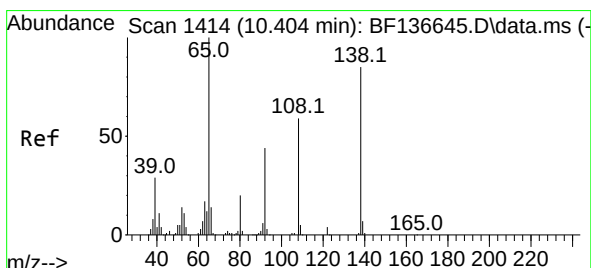
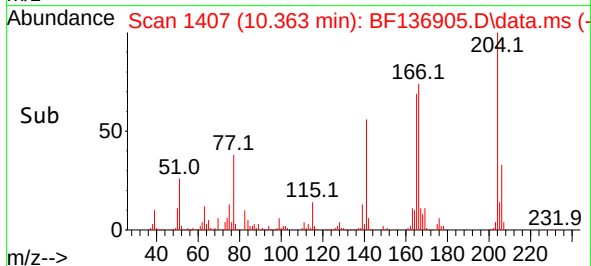
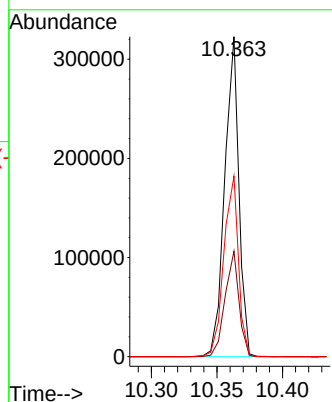
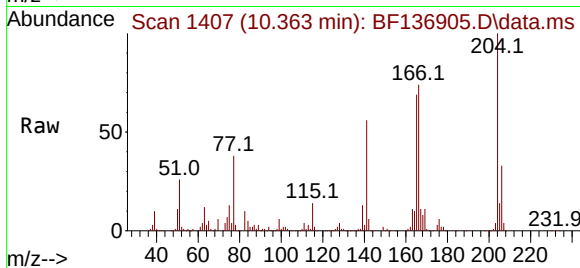




#61  
4-Chlorophenyl-phenylether  
Concen: 37.881 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

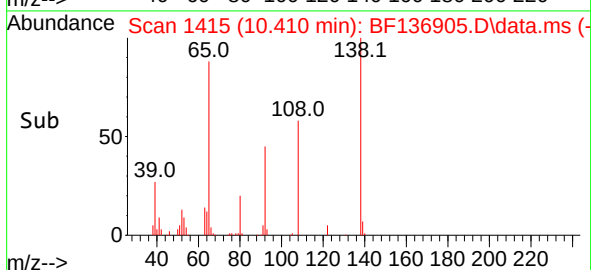
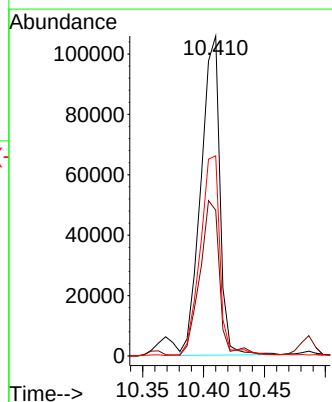
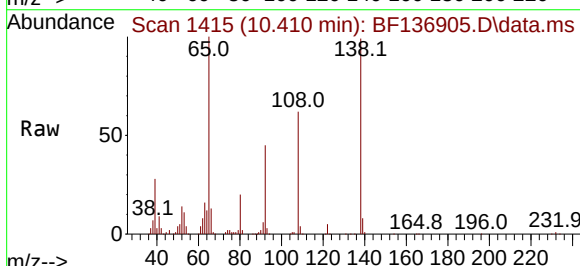
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

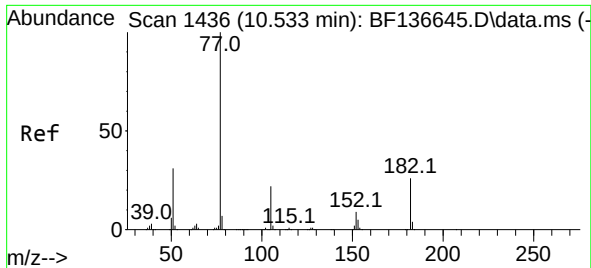
Tgt Ion:204 Resp: 241613  
Ion Ratio Lower Upper  
204 100  
206 32.9 25.6 38.4  
141 56.4 48.4 72.6



#62  
4-Nitroaniline  
Concen: 37.491 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:138 Resp: 114556  
Ion Ratio Lower Upper  
138 100  
92 45.6 32.1 72.1  
108 62.6 50.1 90.1

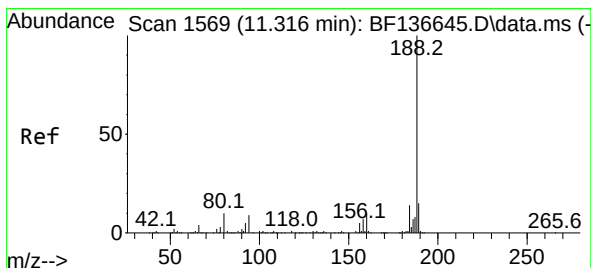
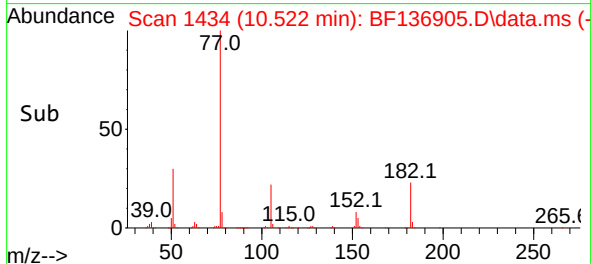
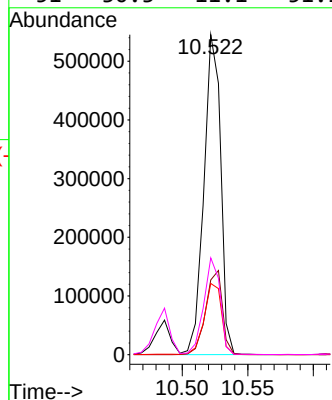
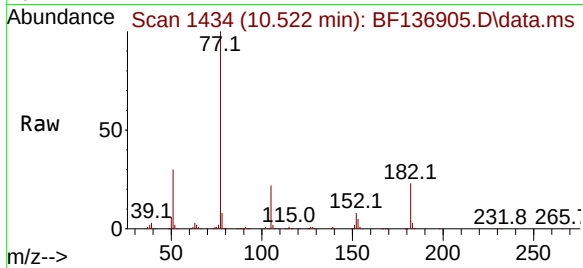




#63  
Azobenzene  
Concen: 38.062 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. -0.012 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

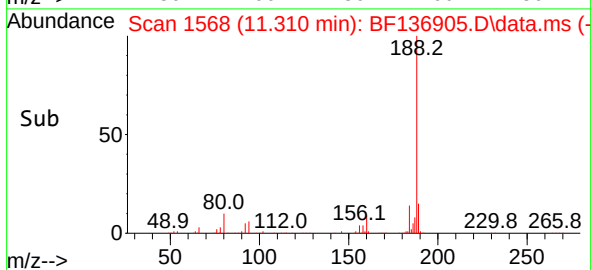
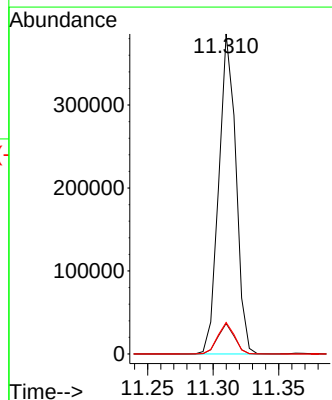
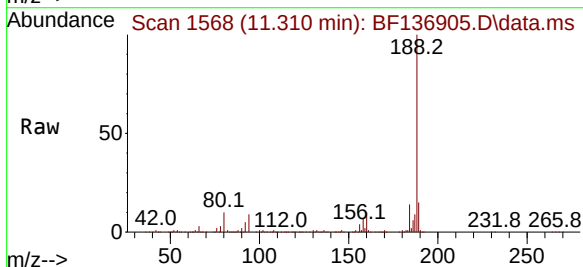
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

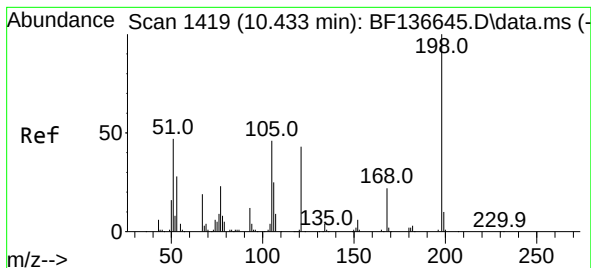
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 486300 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.3    | 6.0 46.0     |
| 105 22.2    | 2.3 42.3     |
| 51 30.3     | 11.1 51.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:188 | Resp: | 349649 |
| Ion | Ratio   | Lower | Upper  |
| 188 | 100     |       |        |
| 94  | 9.5     | 7.5   | 11.3   |
| 80  | 9.9     | 8.1   | 12.1   |

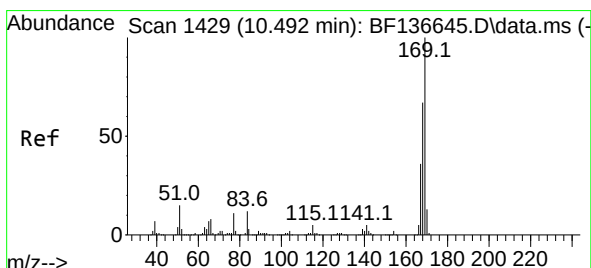
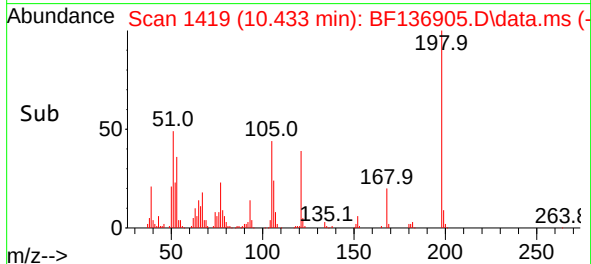
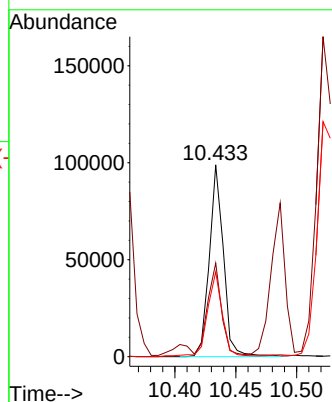
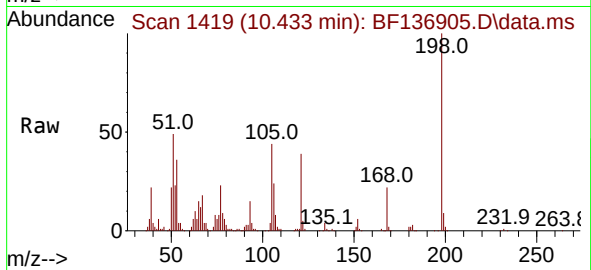




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.094 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

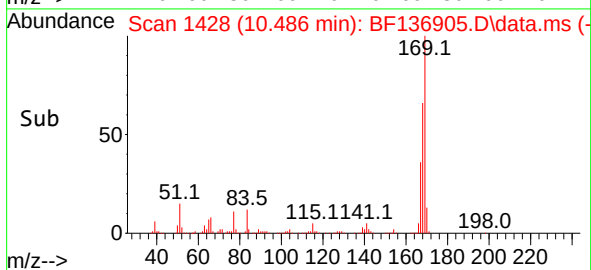
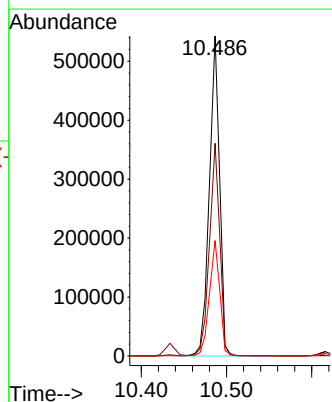
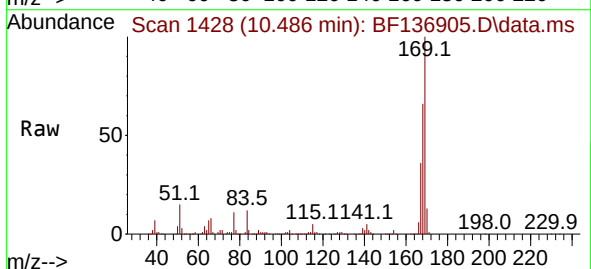
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

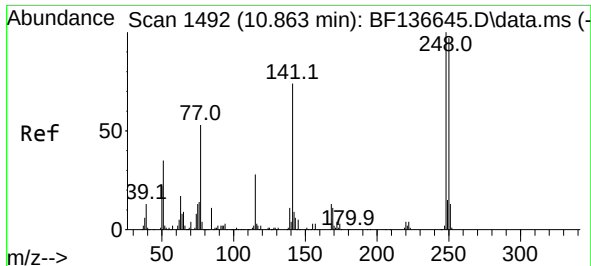
Tgt Ion:198 Resp: 80341  
Ion Ratio Lower Upper  
198 100  
51 48.8 34.1 74.1  
105 44.2 27.3 67.3



#66  
n-Nitrosodiphenylamine  
Concen: 39.860 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:169 Resp: 452741  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.8 80.6  
167 36.1 28.7 43.1

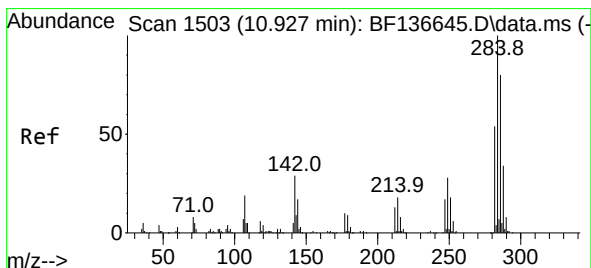
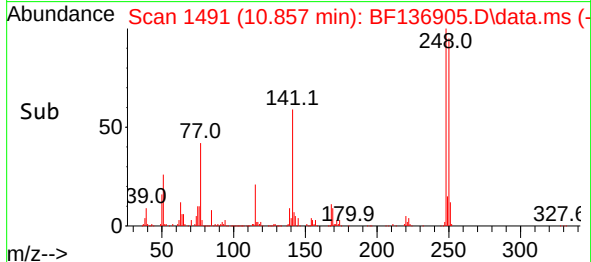
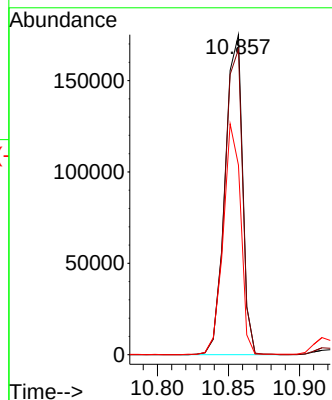
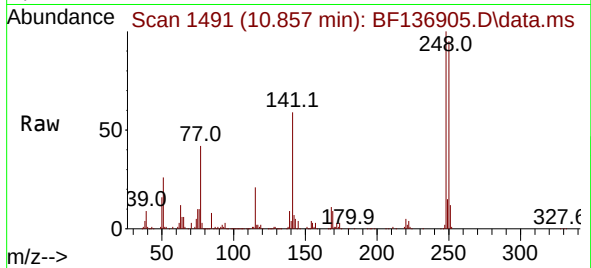




#67  
4-Bromophenyl-phenylether  
Concen: 38.579 ng  
RT: 10.857 min Scan# 1491  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

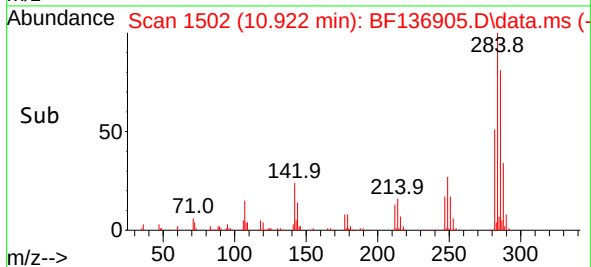
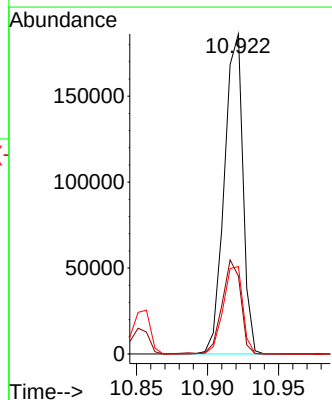
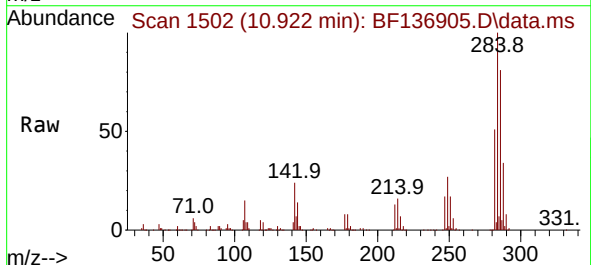
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

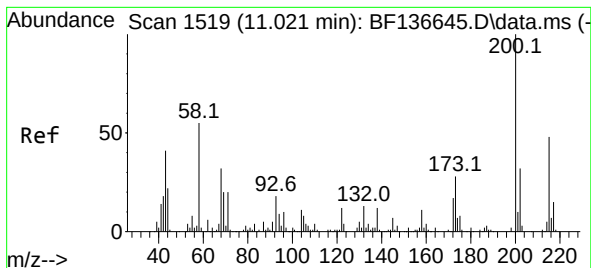
Tgt Ion:248 Resp: 149806  
Ion Ratio Lower Upper  
248 100  
250 95.5 77.8 116.6  
141 59.3 59.2 88.8



#68  
Hexachlorobenzene  
Concen: 39.213 ng  
RT: 10.922 min Scan# 1502  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:284 Resp: 169690  
Ion Ratio Lower Upper  
284 100  
142 24.3 23.4 35.0  
249 27.3 22.3 33.5





#69

Atrazine

Concen: 71.311 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

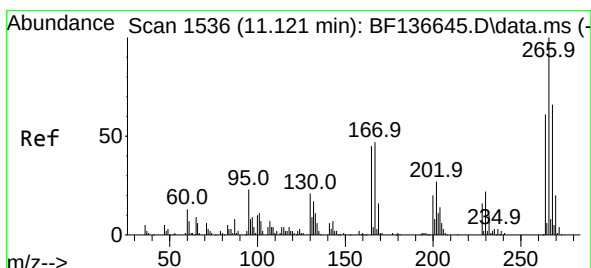
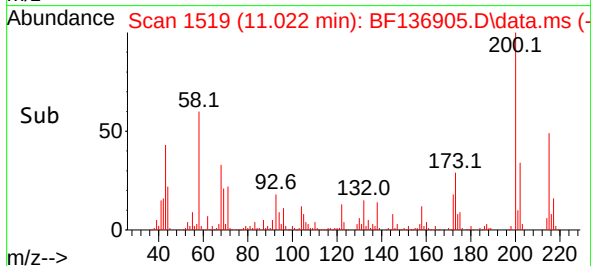
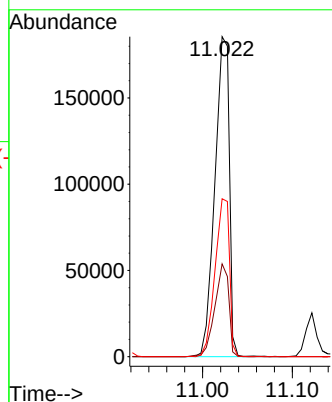
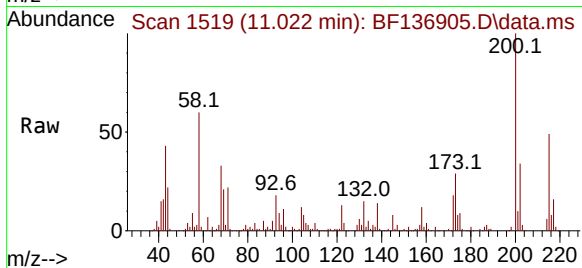
Tgt Ion:200 Resp: 207165

Ion Ratio Lower Upper

200 100

173 29.0 7.6 47.6

215 49.4 28.3 68.3



#70

Pentachlorophenol

Concen: 66.563 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

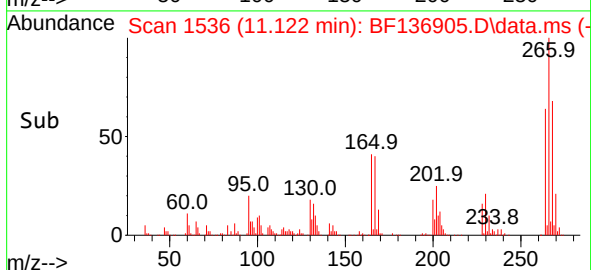
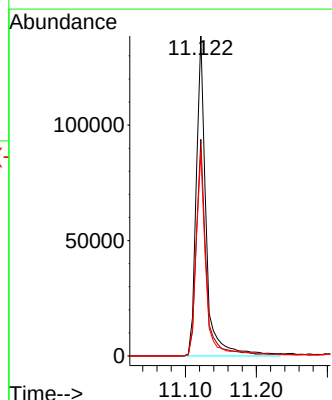
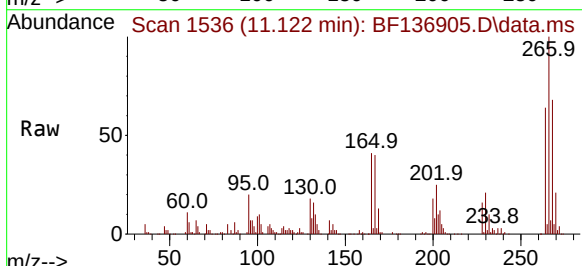
Tgt Ion:266 Resp: 134261

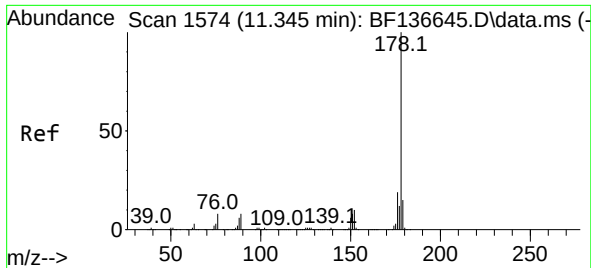
Ion Ratio Lower Upper

266 100

268 67.7 52.6 78.8

264 63.8 49.0 73.4

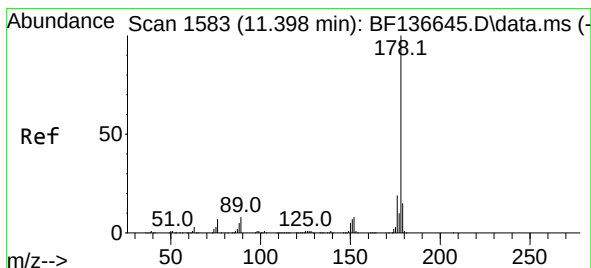
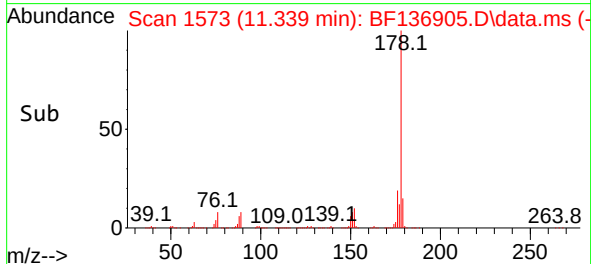
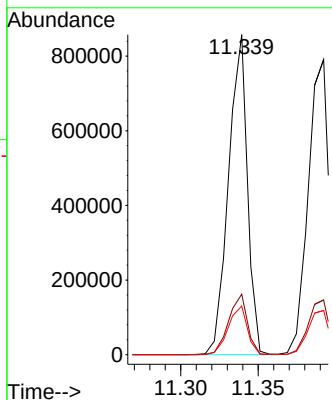
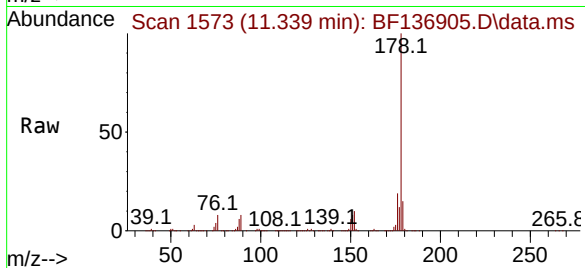




#71  
Phenanthrene  
Concen: 40.522 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

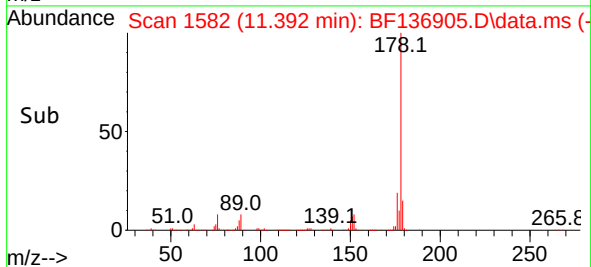
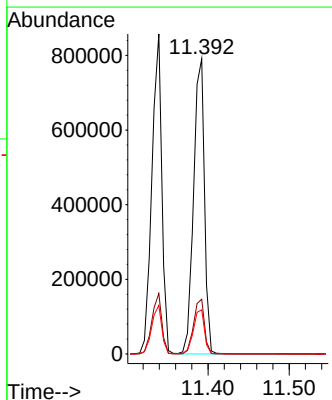
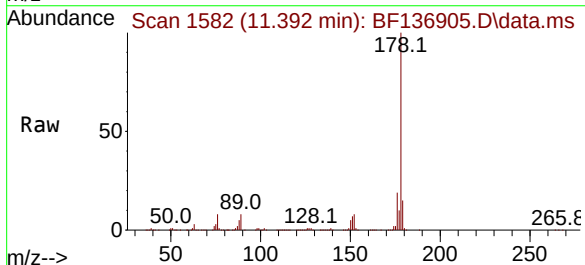
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

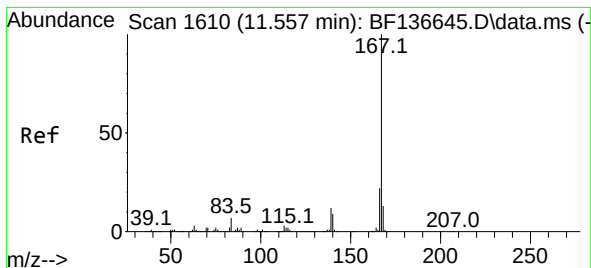
Tgt Ion:178 Resp: 726995  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.2 11.9 17.9



#72  
Anthracene  
Concen: 40.802 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:178 Resp: 741344  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.9 22.3  
179 14.9 11.8 17.6





#73

Carbazole

Concen: 39.848 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

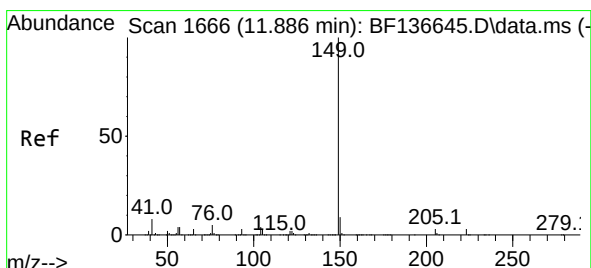
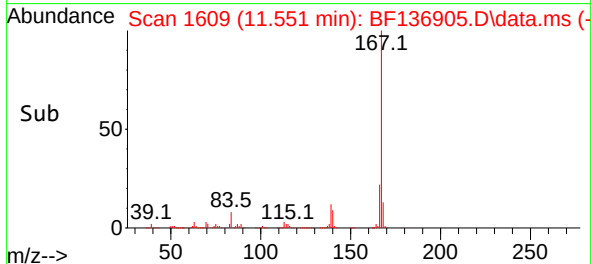
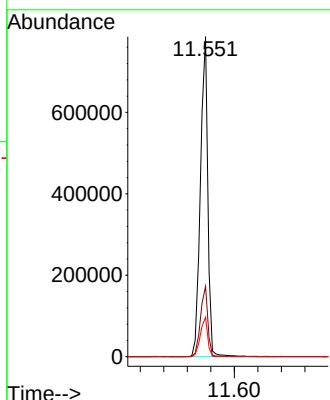
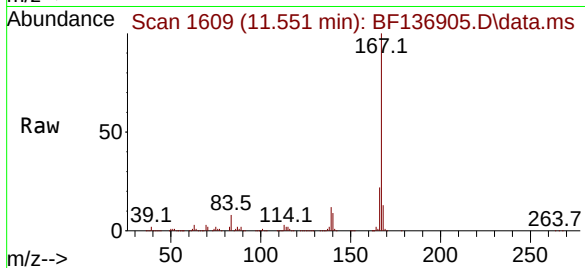
Tgt Ion:167 Resp: 682604

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 12.3 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.624 ng

RT: 11.875 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

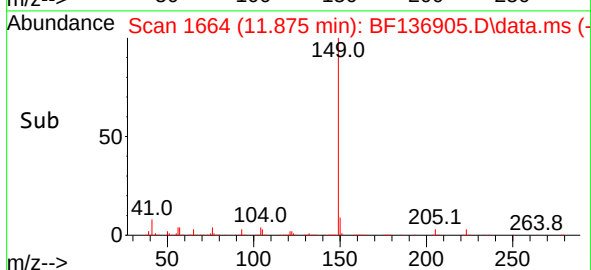
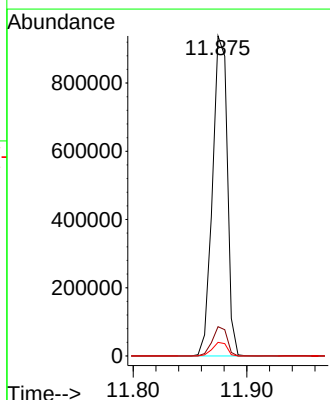
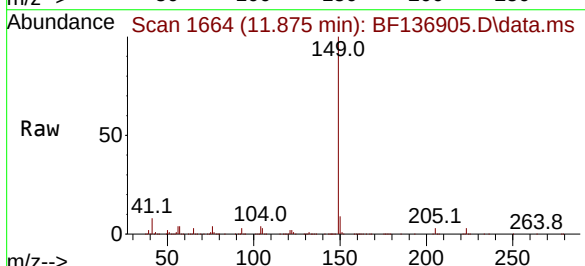
Tgt Ion:149 Resp: 849165

Ion Ratio Lower Upper

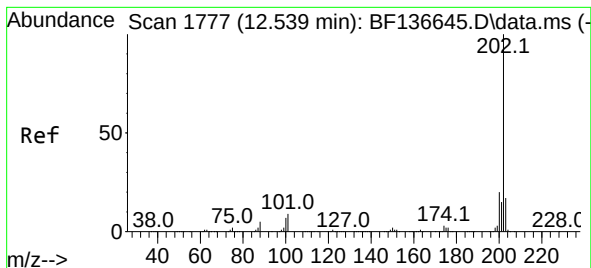
149 100

150 9.1 7.4 11.2

104 4.3 3.6 5.4







#75

Fluoranthene

Concen: 40.012 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

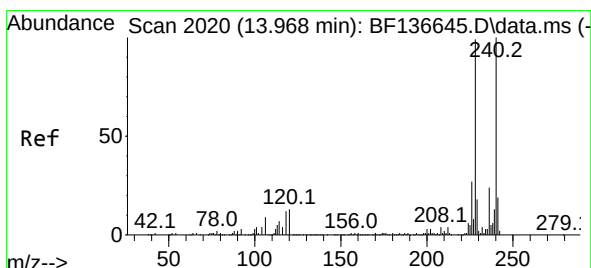
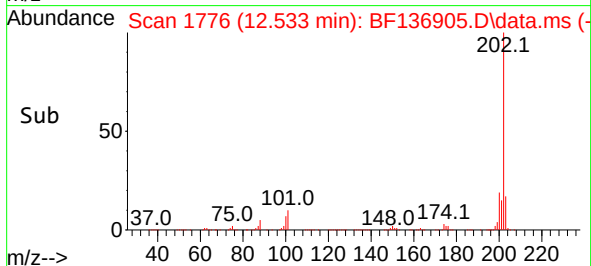
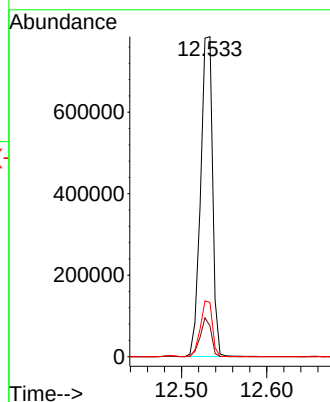
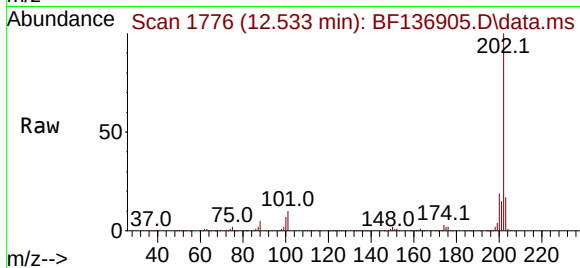
Tgt Ion:202 Resp: 767853

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.3

203 17.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

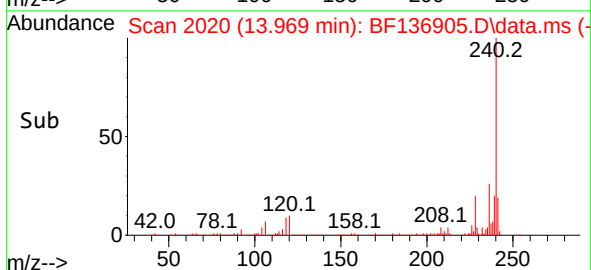
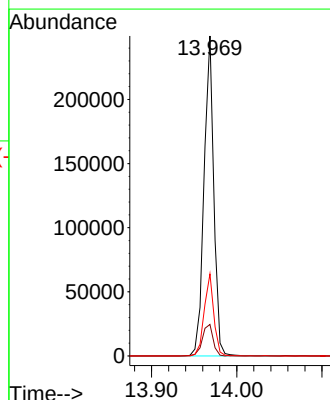
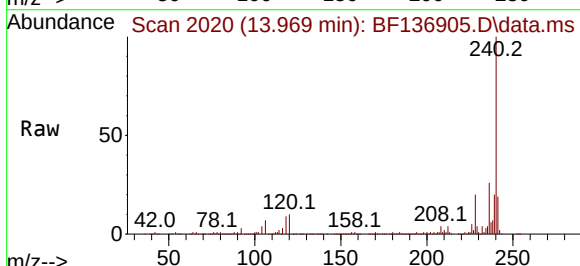
Tgt Ion:240 Resp: 198488

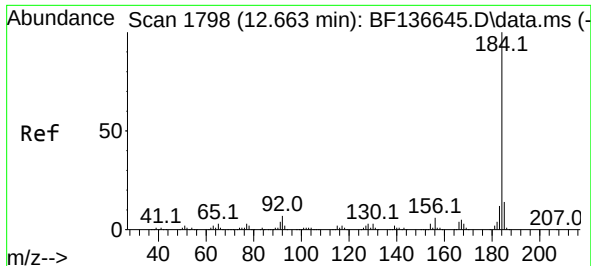
Ion Ratio Lower Upper

240 100

120 9.8 10.3 15.5#

236 25.6 19.4 29.2

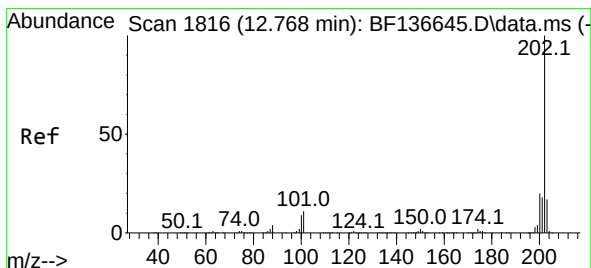
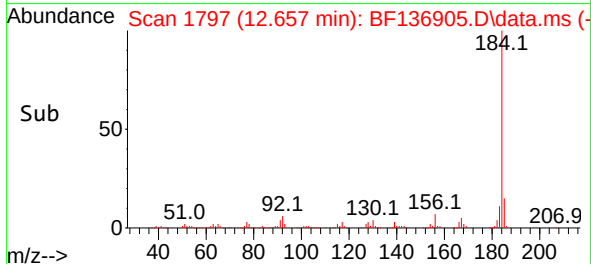
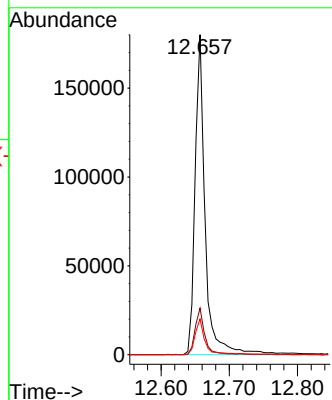
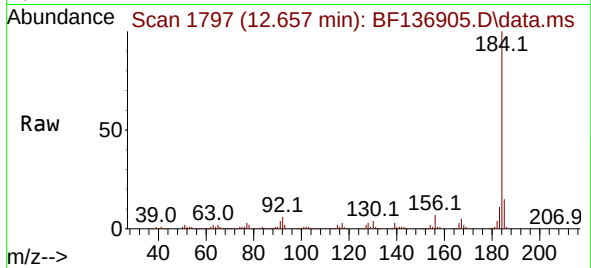




#77  
Benzidine  
Concen: 31.398 ng  
RT: 12.657 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

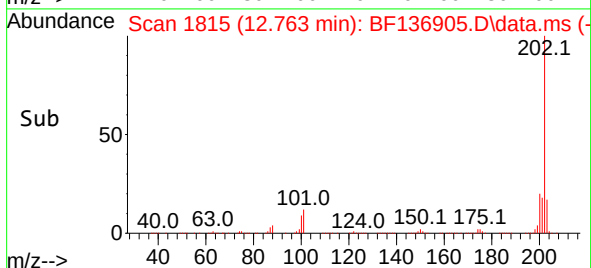
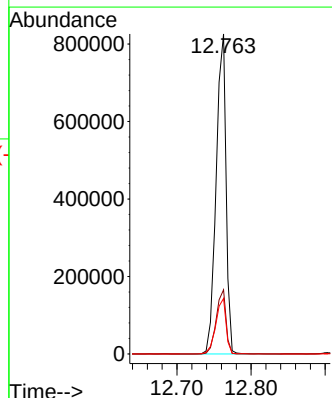
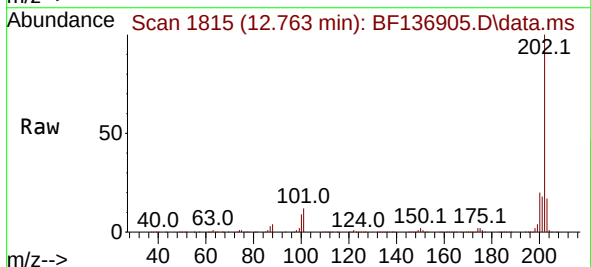
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

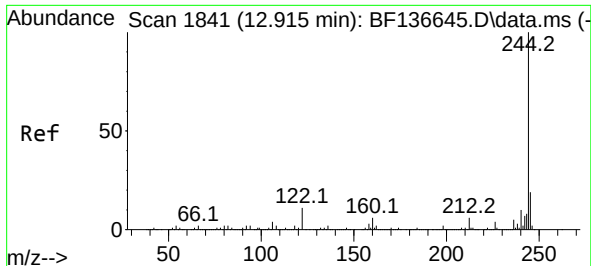
Tgt Ion:184 Resp: 183757  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.2 16.8  
183 11.1 9.3 13.9



#78  
Pyrene  
Concen: 39.216 ng  
RT: 12.763 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:202 Resp: 764124  
Ion Ratio Lower Upper  
202 100  
200 20.1 15.9 23.9  
203 17.3 13.8 20.6

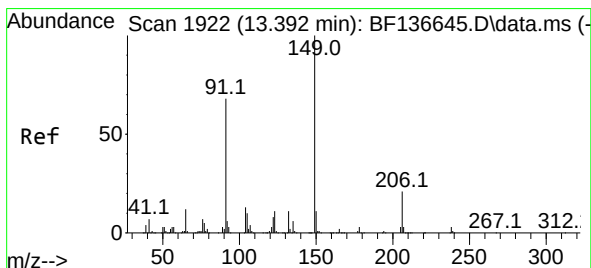
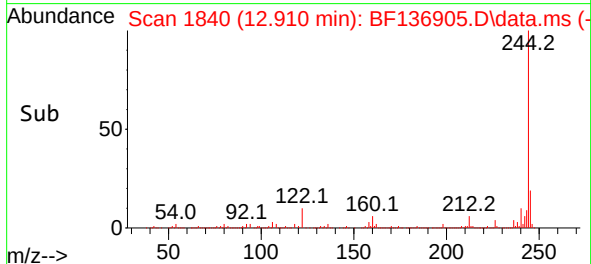
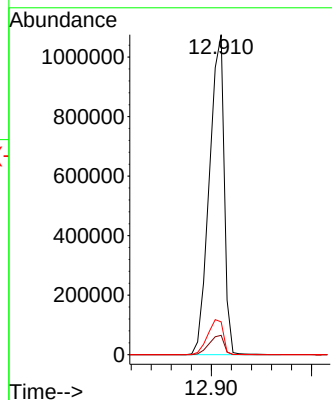
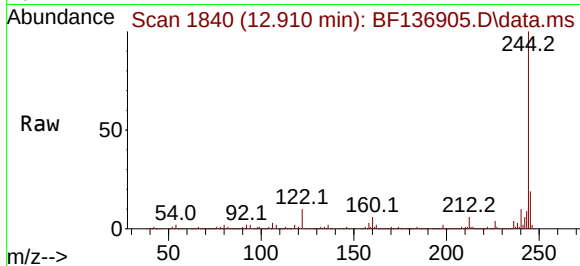




#79  
 Terphenyl-d14  
 Concen: 77.887 ng  
 RT: 12.910 min Scan# 1841  
 Delta R.T. -0.006 min  
 Lab File: BF136905.D  
 Acq: 03 Jan 2024 13:39

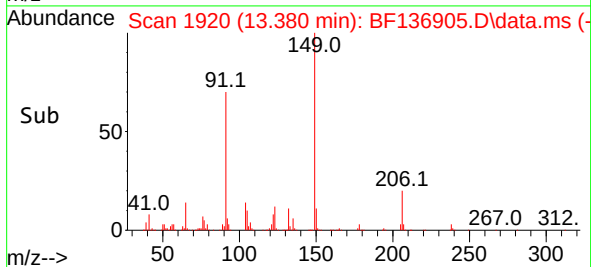
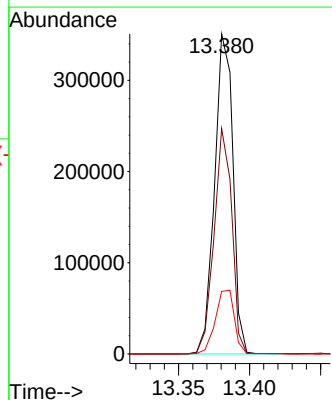
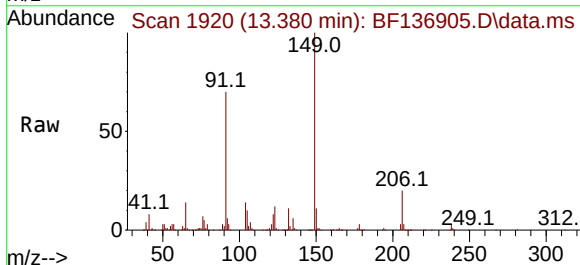
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157996BS

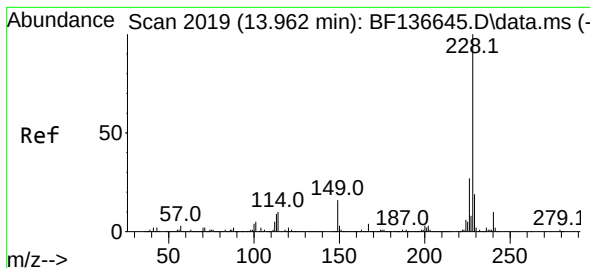
Tgt Ion:244 Resp: 1106255  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.0 7.4  
 122 10.3 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 44.458 ng  
 RT: 13.380 min Scan# 1920  
 Delta R.T. -0.012 min  
 Lab File: BF136905.D  
 Acq: 03 Jan 2024 13:39

Tgt Ion:149 Resp: 315204  
 Ion Ratio Lower Upper  
 149 100  
 91 70.5 54.1 81.1  
 206 19.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.790 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

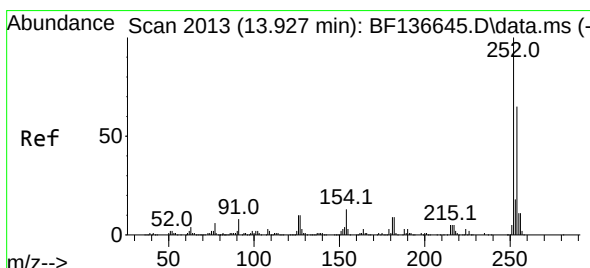
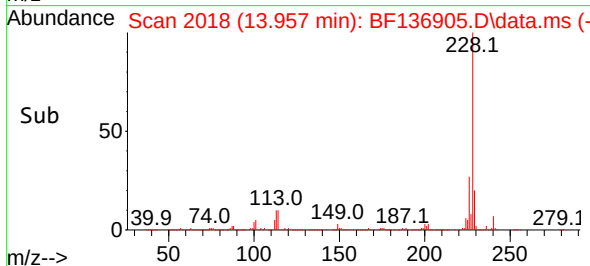
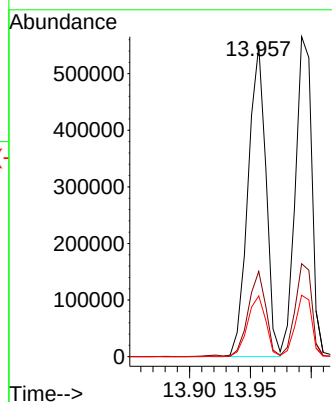
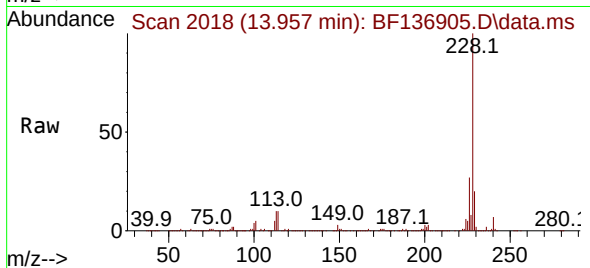
Tgt Ion:228 Resp: 562197

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 19.5 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 40.084 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

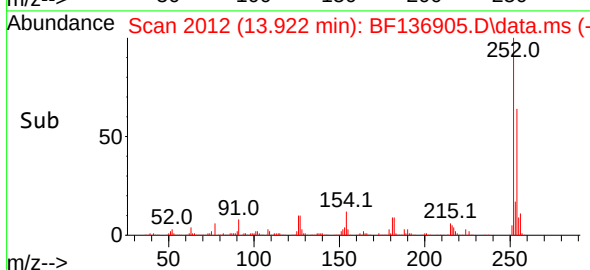
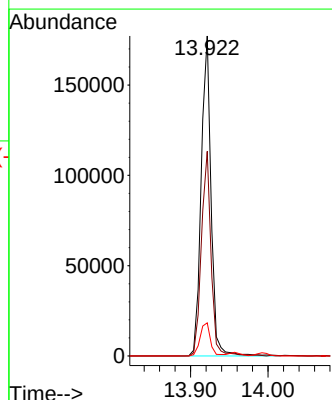
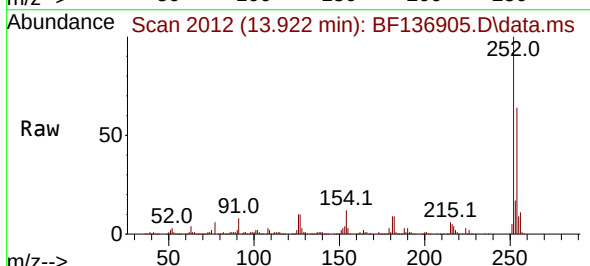
Tgt Ion:252 Resp: 156897

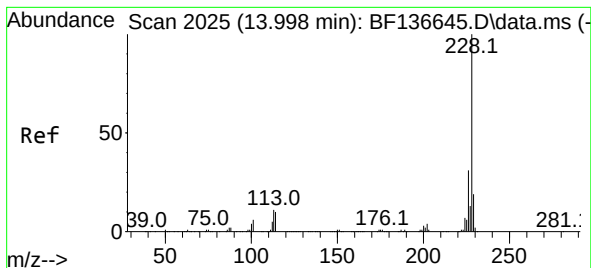
Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.4

126 10.3 8.0 12.0





#83

Chrysene

Concen: 39.596 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

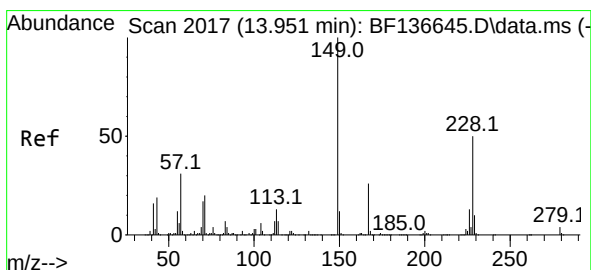
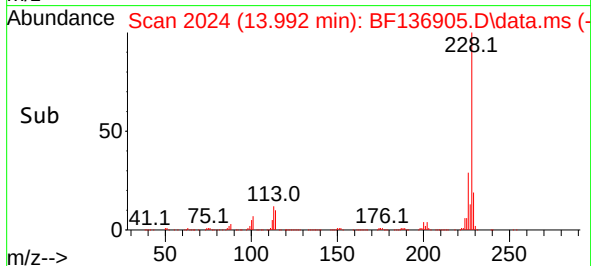
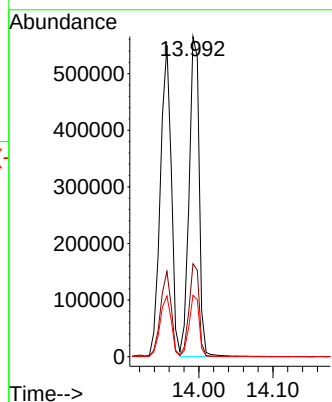
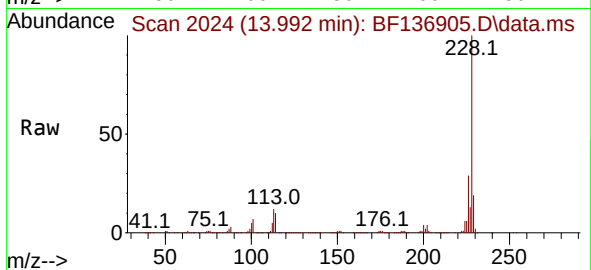
Tgt Ion:228 Resp: 533681

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.209 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

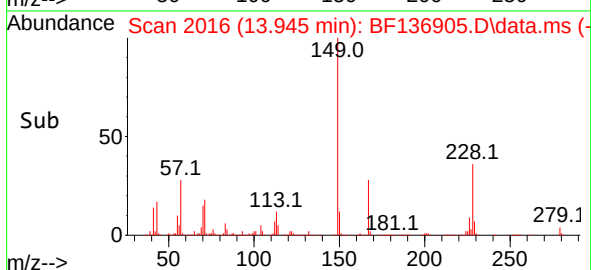
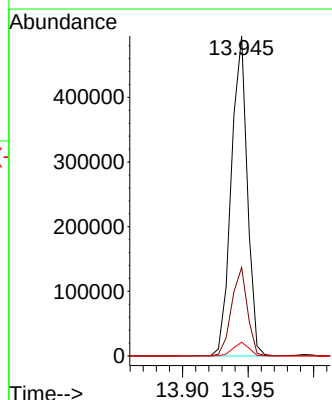
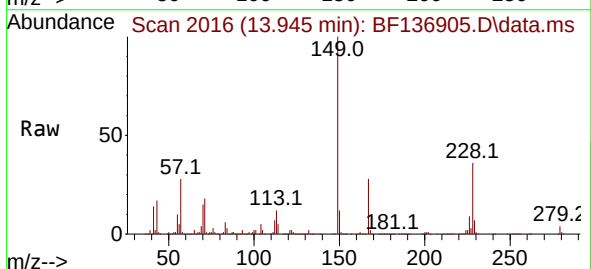
Tgt Ion:149 Resp: 421126

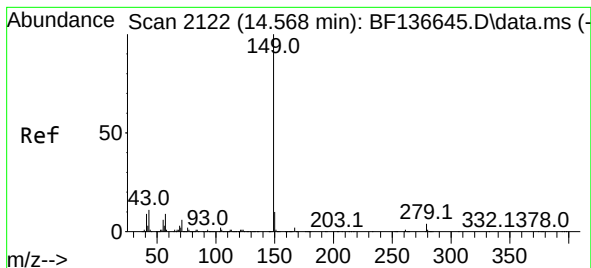
Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.593 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

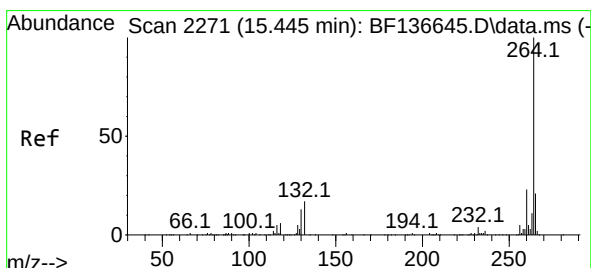
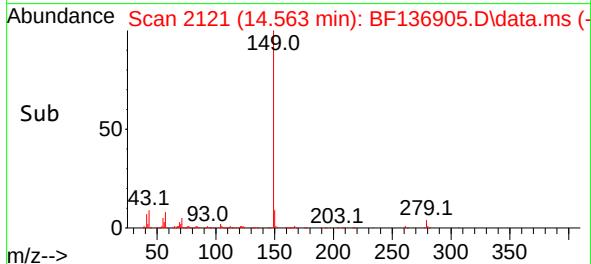
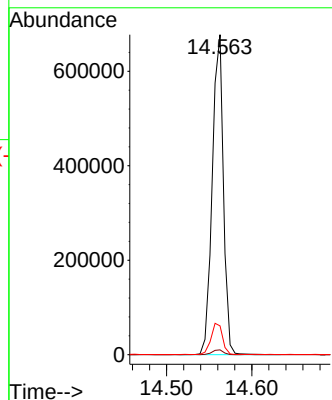
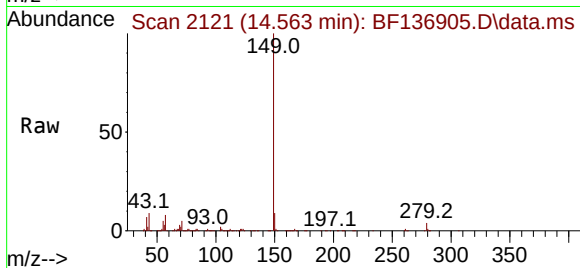
Tgt Ion:149 Resp: 615321

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

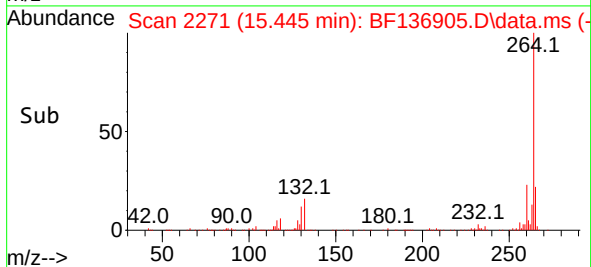
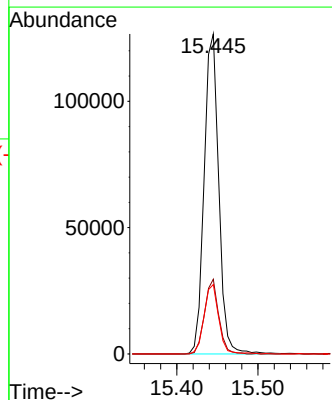
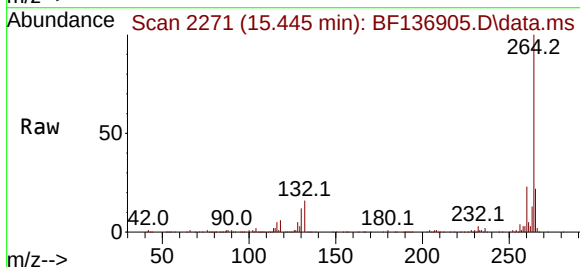
Tgt Ion:264 Resp: 158321

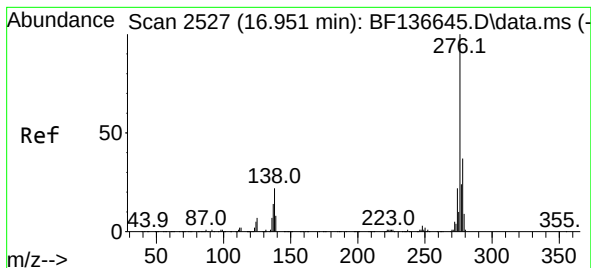
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.565 ng

RT: 16.957 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

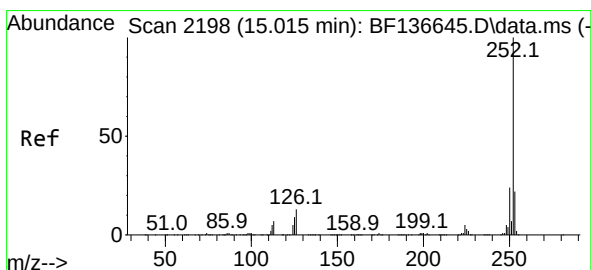
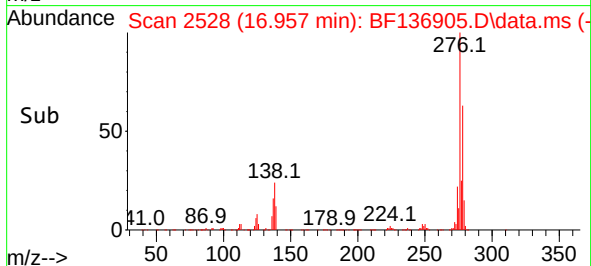
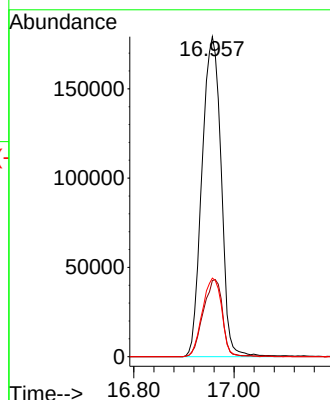
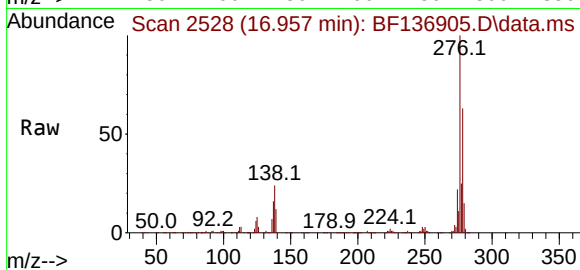
Tgt Ion:276 Resp: 475125

Ion Ratio Lower Upper

276 100

138 24.4 18.7 28.1

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.440 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

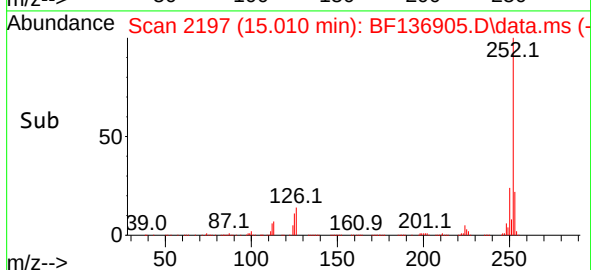
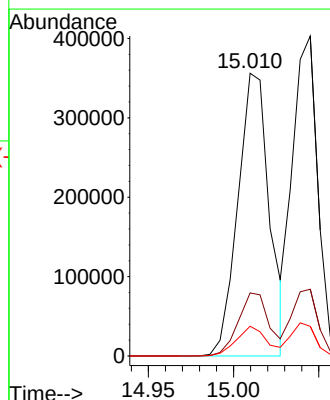
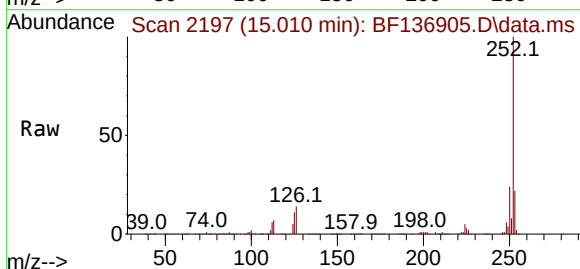
Tgt Ion:252 Resp: 459353

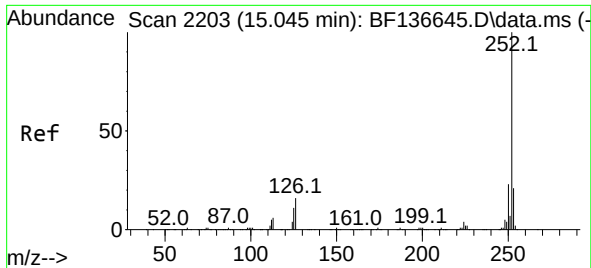
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.5 7.4 11.2

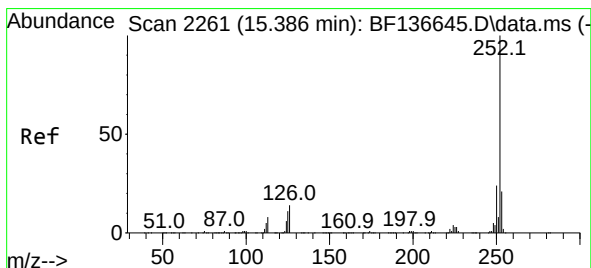
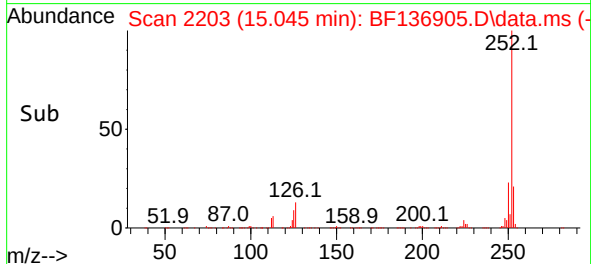
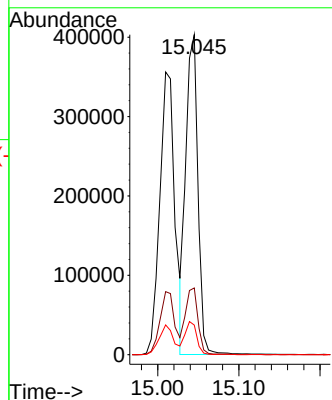
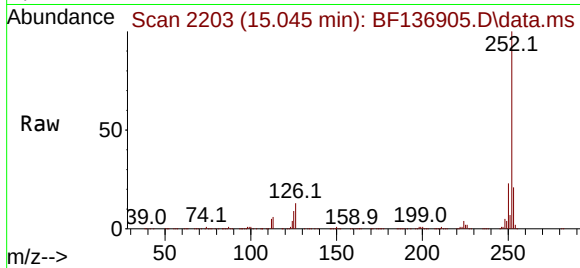




#89  
Benzo(k)fluoranthene  
Concen: 41.964 ng  
RT: 15.045 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

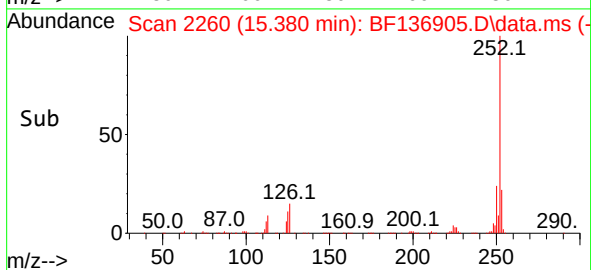
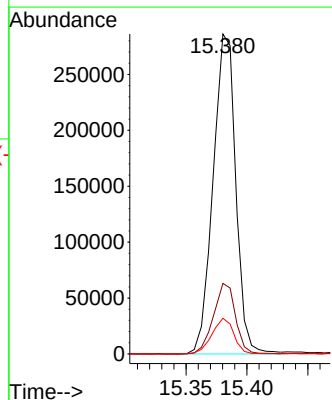
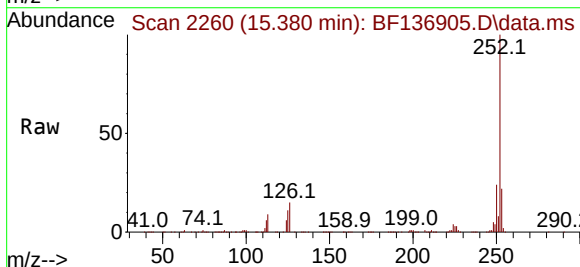
Instrument :  
BNA\_F  
ClientSampleId :  
PB157996BS

Tgt Ion:252 Resp: 419296  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.0 25.6  
125 9.3 8.2 12.4

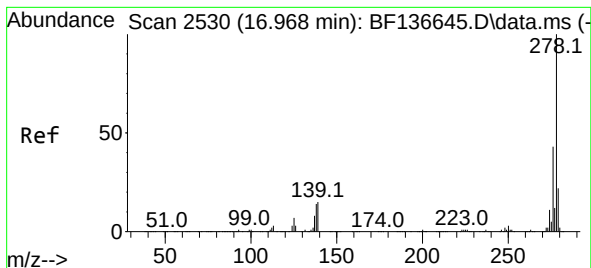


#90  
Benzo(a)pyrene  
Concen: 41.516 ng  
RT: 15.380 min Scan# 2260  
Delta R.T. -0.006 min  
Lab File: BF136905.D  
Acq: 03 Jan 2024 13:39

Tgt Ion:252 Resp: 370568  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.0 25.6  
125 11.2 8.8 13.2







#91

Dibenzo(a,h)anthracene

Concen: 42.522 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA\_F

ClientSampleId :

PB157996BS

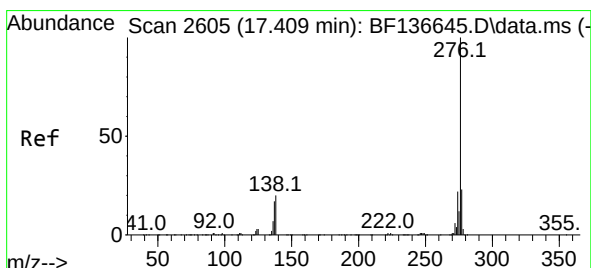
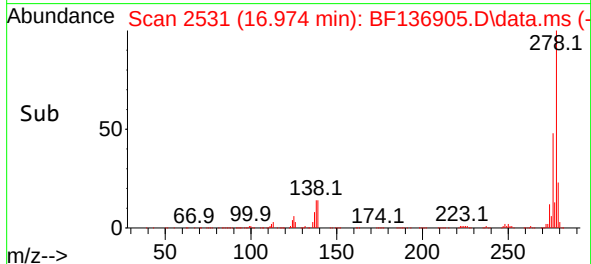
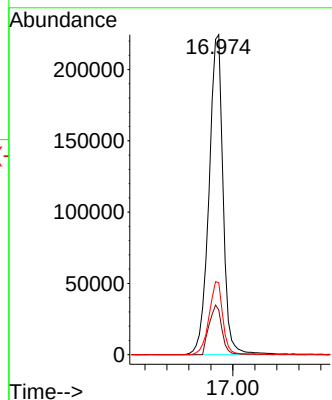
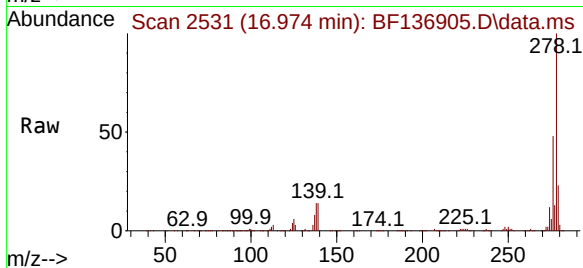
Tgt Ion:278 Resp: 398768

Ion Ratio Lower Upper

278 100

139 14.0 12.2 18.4

279 22.5 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 40.977 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion:276 Resp: 393583

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 19.3 15.6 23.4

