

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100724\  
 Data File : BF139684.D  
 Acq On : 07 Oct 2024 14:06  
 Operator : RC/JU  
 Sample : PB163870BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163870BS

Quant Time: Oct 07 14:37:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 94125    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 362215   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 211552   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 422078   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 262010   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 193748   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 747625   | 137.670 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 1004408  | 137.535 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.433  | 82   | 654705   | 91.514  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 287264   | 140.665 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.227  | 172  | 1217480  | 88.350  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 1483420  | 92.899  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.740  | 88   | 96063    | 40.915  | ng    | 99       |
| 3) Pyridine                   | 3.481  | 79   | 259391   | 45.426  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.446  | 42   | 176325   | 47.175  | ng    | 95       |
| 6) Aniline                    | 6.534  | 93   | 357660   | 55.191  | ng    | 91       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 292354   | 50.248  | ng    | 98       |
| 9) Benzaldehyde               | 6.416  | 77   | 97526    | 25.210  | ng    | 100      |
| 10) Phenol                    | 6.522  | 94   | 383428   | 49.932  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 291194   | 46.573  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 297434   | 45.443  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.886  | 146  | 302330   | 45.607  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.039  | 146  | 288814   | 46.486  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 278345   | 49.883  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 513162   | 47.410  | ng    | 81       |
| 17) 2-Methylphenol            | 7.128  | 107  | 237248   | 48.844  | ng    | 98       |
| 18) Hexachloroethane          | 7.381  | 117  | 112762   | 45.604  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.286  | 70   | 220839   | 47.036  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 301304   | 49.387  | ng    | 96       |
| 22) Acetophenone              | 7.281  | 105  | 398132   | 46.306  | ng    | 98       |
| 24) Nitrobenzene              | 7.457  | 77   | 336258   | 45.391  | ng    | 98       |
| 25) Isophorone                | 7.692  | 82   | 604123   | 47.544  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 156979   | 49.291  | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 230571   | 59.140  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 359753   | 47.413  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 254322   | 50.011  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 252460   | 43.899  | ng    | 98       |
| 31) Naphthalene               | 8.175  | 128  | 859351   | 46.402  | ng    | 99       |
| 32) Benzoic acid              | 7.945  | 122  | 191266   | 49.337  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 208940   | 33.330  | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.286  | 225  | 161228   | 43.321  | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 52586    | 31.528  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 288898   | 50.186  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 567900   | 47.083  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 526217   | 44.633  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.027  | 216  | 268549   | 45.714  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.016  | 237  | 305606   | 169.661 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 189635   | 47.885  | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100724\  
 Data File : BF139684.D  
 Acq On : 07 Oct 2024 14:06  
 Operator : RC/JU  
 Sample : PB163870BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163870BS

Quant Time: Oct 07 14:37:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

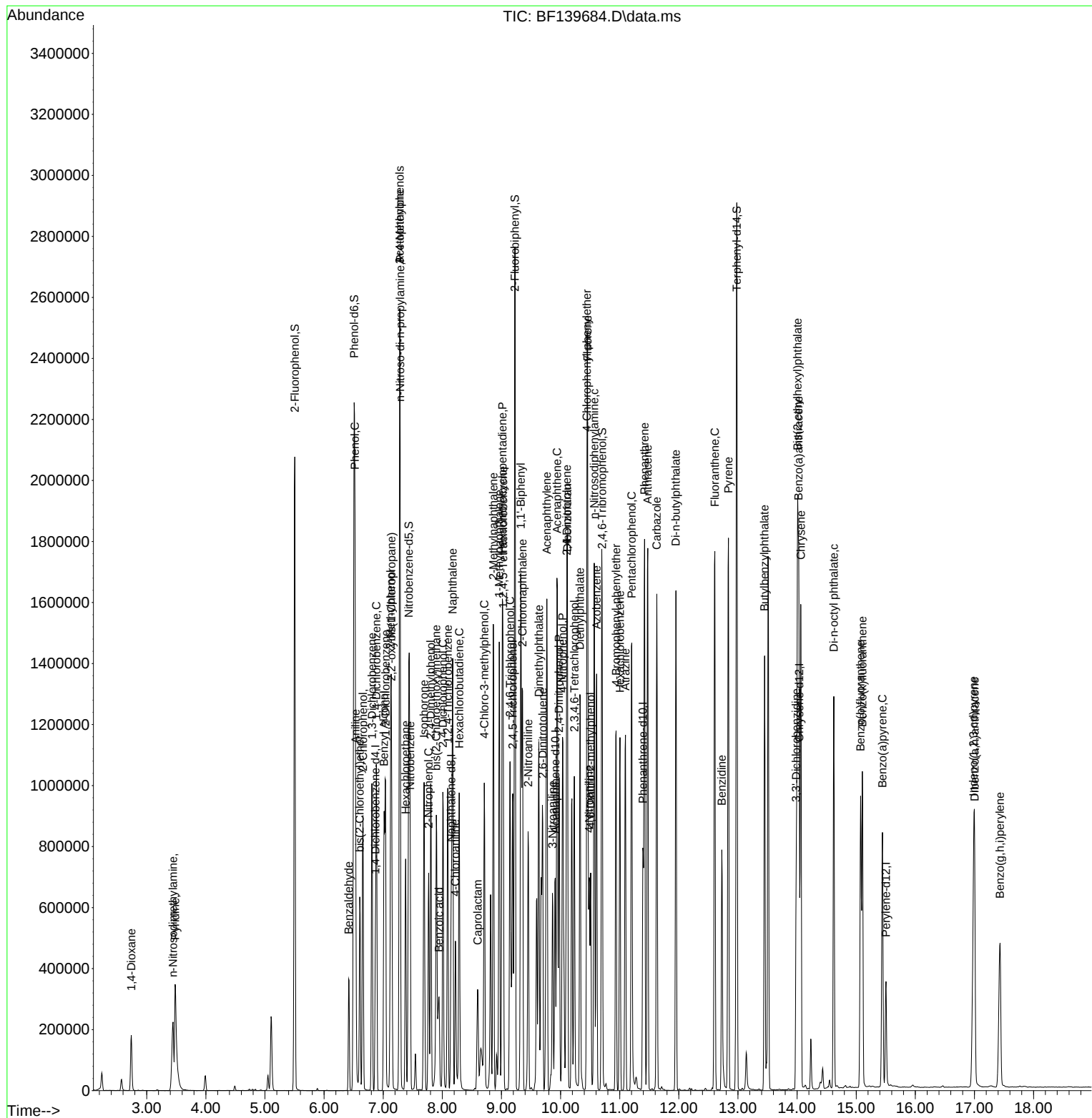
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 202047   | 47.310  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.327  | 154  | 716705   | 45.550  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 533501   | 45.228  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 212412   | 50.164  | ng    | 99       |
| 49) Acenaphthylene            | 9.769  | 152  | 909850   | 50.720  | ng    | 100      |
| 50) Dimethylphthalate         | 9.633  | 163  | 675403   | 48.771  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 149188   | 47.690  | ng    | 94       |
| 52) Acenaphthene              | 9.939  | 154  | 547910   | 44.491  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 132104   | 41.323  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.974  | 184  | 185175   | 110.053 | ng    | 99       |
| 55) Dibenzofuran              | 10.116 | 168  | 828644   | 48.058  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.033 | 139  | 247471   | 101.511 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 206106   | 50.404  | ng    | 96       |
| 58) Fluorene                  | 10.457 | 166  | 650992   | 47.402  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 179907   | 52.156  | ng    | 97       |
| 60) Diethylphthalate          | 10.327 | 149  | 695935   | 48.654  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 316625   | 46.084  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 169491   | 51.832  | ng    | 98       |
| 63) Azobenzene                | 10.610 | 77   | 699045   | 48.596  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 121521   | 50.977  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 587738   | 47.241  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 196327   | 45.366  | ng    | 99       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 218225   | 45.444  | ng    | 99       |
| 69) Atrazine                  | 11.098 | 200  | 193431   | 57.947  | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 255798   | 89.459  | ng    | 99       |
| 71) Phenanthrene              | 11.421 | 178  | 962777   | 48.378  | ng    | 100      |
| 72) Anthracene                | 11.474 | 178  | 983017   | 49.929  | ng    | 100      |
| 73) Carbazole                 | 11.627 | 167  | 923233   | 48.823  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 1113613  | 48.429  | ng    | 100      |
| 75) Fluoranthene              | 12.610 | 202  | 1066528  | 49.024  | ng    | 100      |
| 77) Benzidine                 | 12.727 | 184  | 460221   | 99.582  | ng    | 100      |
| 78) Pyrene                    | 12.839 | 202  | 1092128  | 46.605  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 437098   | 52.147  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 849404   | 49.309  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 212513   | 40.310  | ng    | 99       |
| 83) Chrysene                  | 14.062 | 228  | 769028   | 48.830  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 578078   | 55.230  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 824602   | 53.626  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.986 | 276  | 577261   | 50.621  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 639903   | 51.080  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 523311   | 49.245  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 522929   | 52.940  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.003 | 278  | 476396   | 50.368  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 440789   | 46.469  | ng    | 99       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100724\  
Data File : BF139684.D  
Acq On : 07 Oct 2024 14:06  
Operator : RC/JU  
Sample : PB163870BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Quant Time: Oct 07 14:37:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 02 04:58:47 2024  
Response via : Initial Calibration

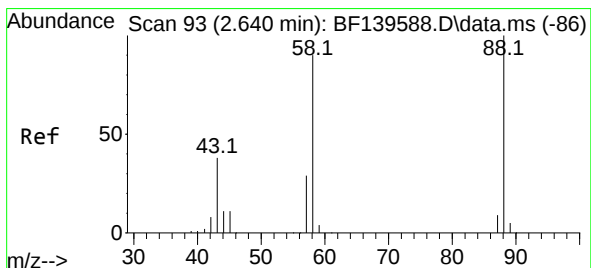
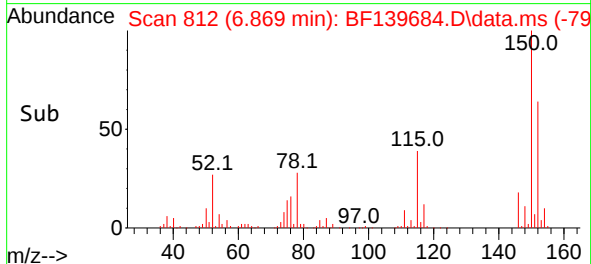
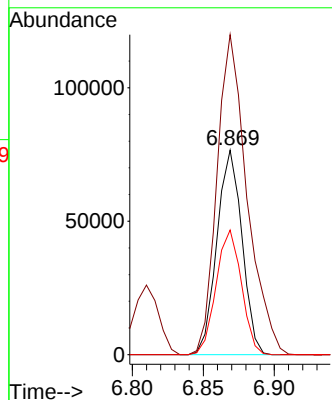
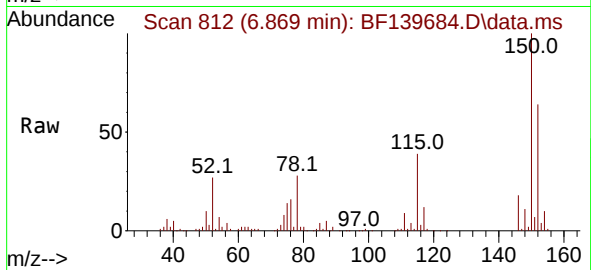




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF139684.D  
 Acq: 07 Oct 2024 14:06

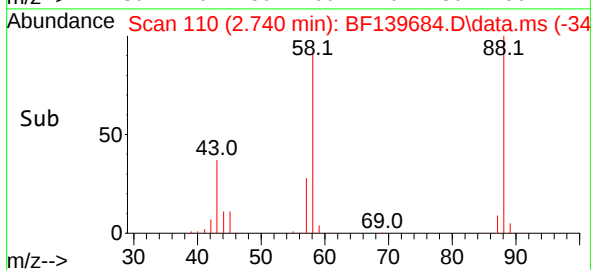
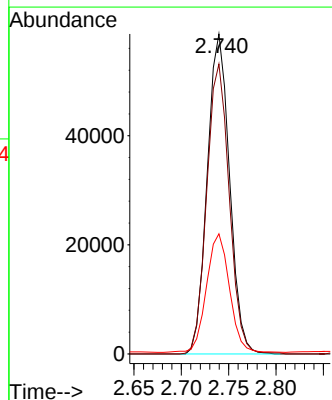
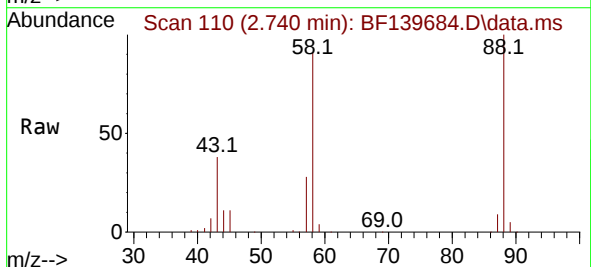
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163870BS

Tgt Ion:152 Resp: 94125  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 127.2 190.8  
 115 60.9 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 40.915 ng  
 RT: 2.740 min Scan# 110  
 Delta R.T. 0.100 min  
 Lab File: BF139684.D  
 Acq: 07 Oct 2024 14:06

Tgt Ion: 88 Resp: 96063  
 Ion Ratio Lower Upper  
 88 100  
 58 91.6 72.0 108.0  
 43 38.1 30.8 46.2





#3

Pyridine

Concen: 45.426 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

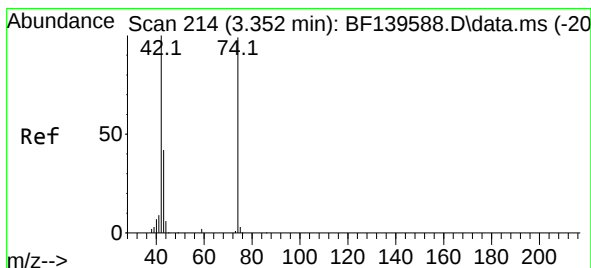
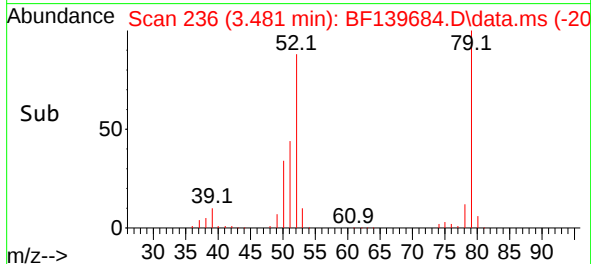
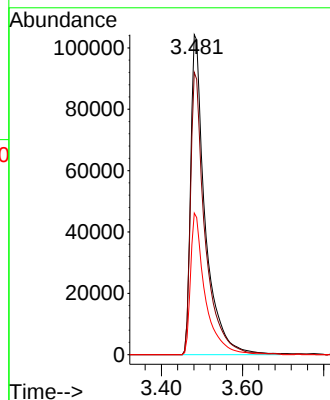
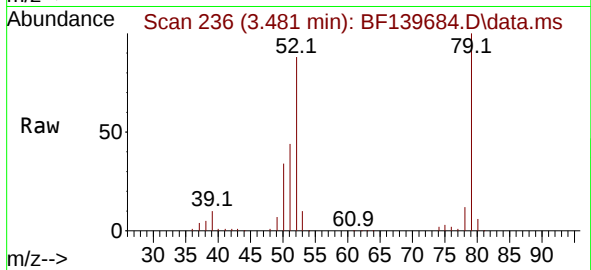
Tgt Ion: 79 Resp: 259391

Ion Ratio Lower Upper

79 100

52 88.2 72.6 109.0

51 44.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 47.175 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.094 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

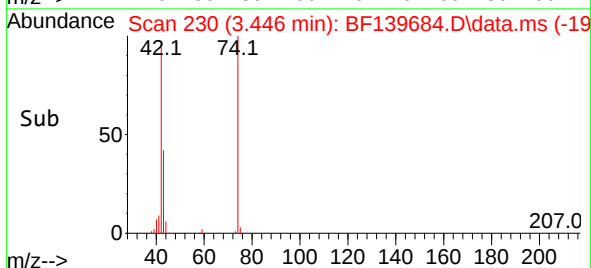
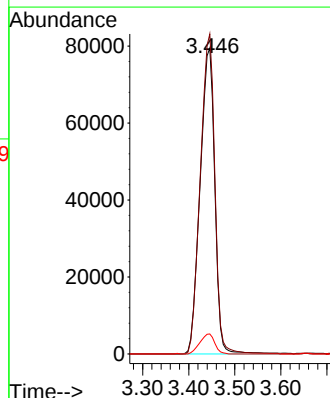
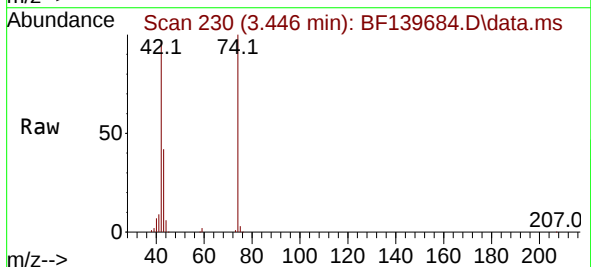
Tgt Ion: 42 Resp: 176325

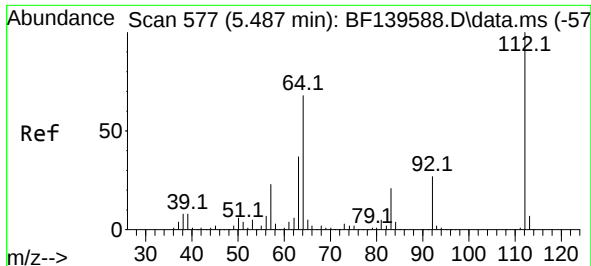
Ion Ratio Lower Upper

42 100

74 104.6 79.0 118.6

44 6.5 5.2 7.8

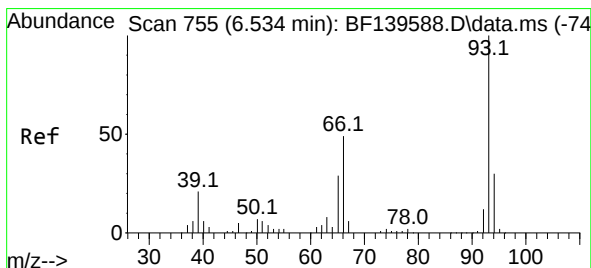
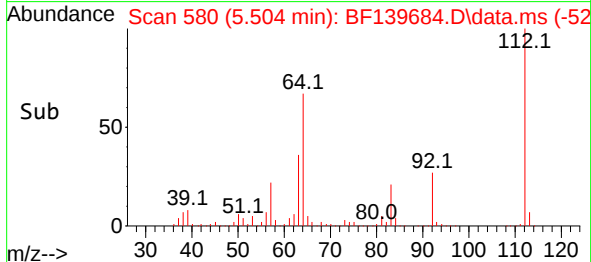
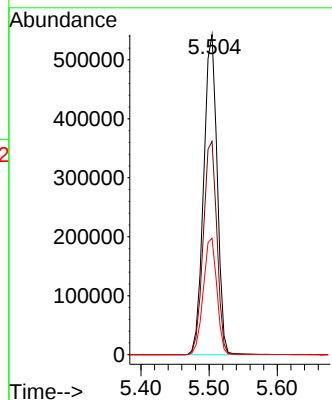
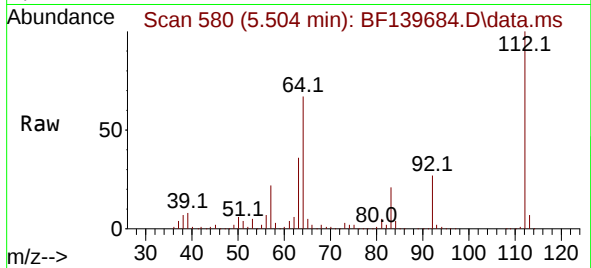




#5  
2-Fluorophenol  
Concen: 137.670 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.017 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

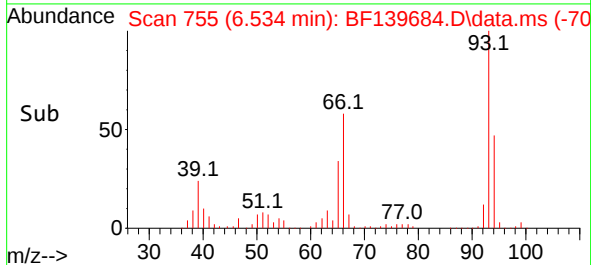
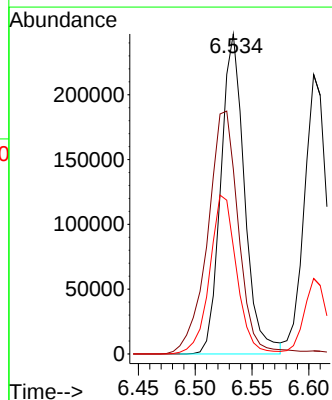
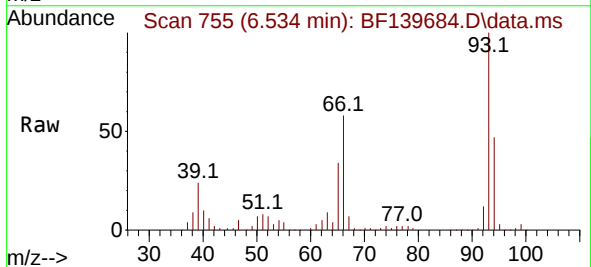
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

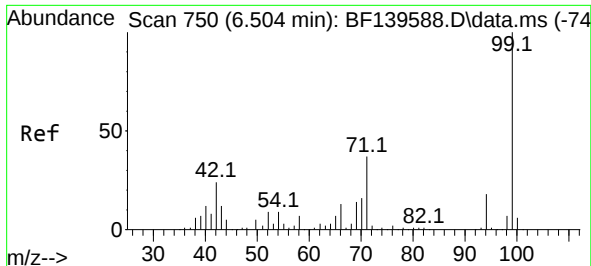
Tgt Ion:112 Resp: 747625  
Ion Ratio Lower Upper  
112 100  
64 66.6 54.2 81.4  
63 36.4 29.4 44.2



#6  
Aniline  
Concen: 55.191 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion: 93 Resp: 357660  
Ion Ratio Lower Upper  
93 100  
66 57.8 40.9 61.3  
65 33.5 23.3 34.9

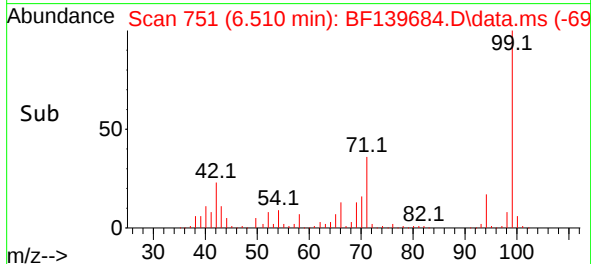
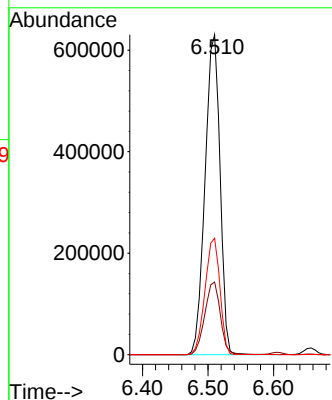
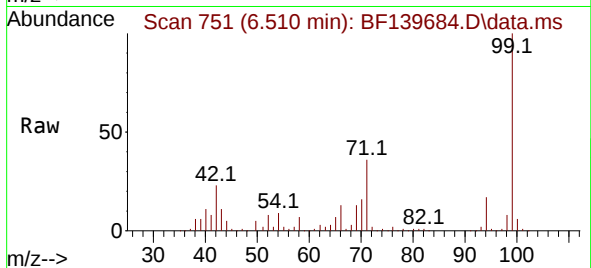




#7  
Phenol-d6  
Concen: 137.535 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

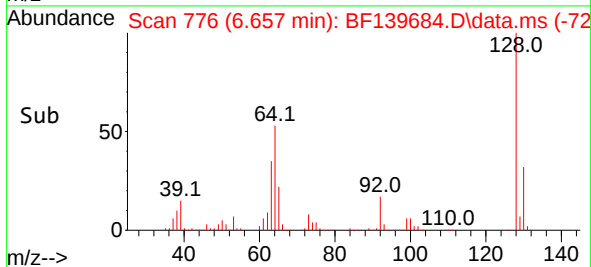
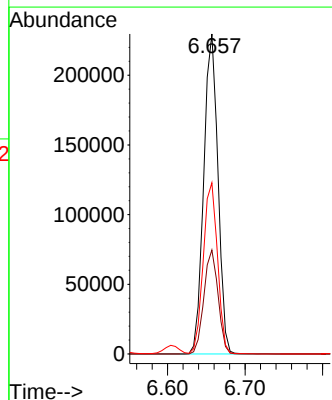
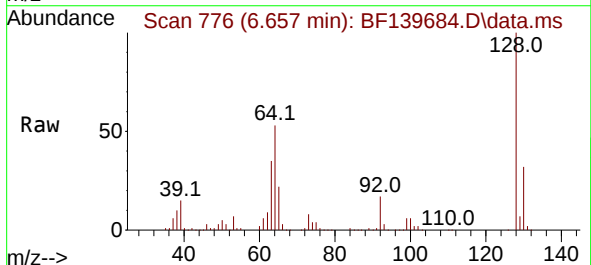
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Tgt Ion: 99 Resp: 1004408  
Ion Ratio Lower Upper  
99 100  
42 22.7 19.1 28.7  
71 36.4 29.7 44.5



#8  
2-Chlorophenol  
Concen: 50.248 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:128 Resp: 292354  
Ion Ratio Lower Upper  
128 100  
130 32.5 13.2 53.2  
64 53.5 35.1 75.1





#9

Benzaldehyde

Concen: 25.210 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

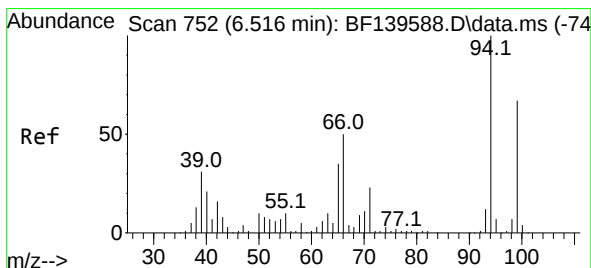
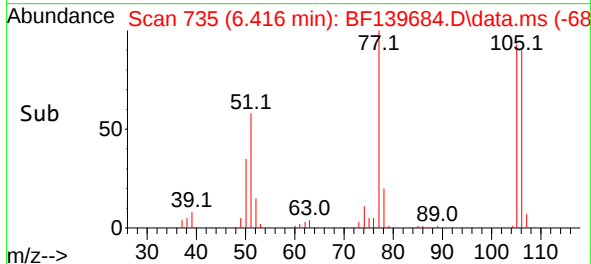
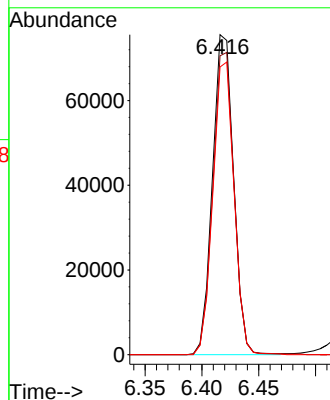
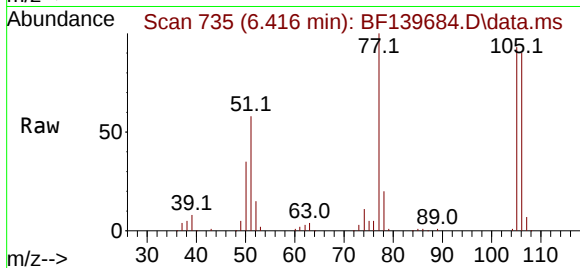
Tgt Ion: 77 Resp: 97526

Ion Ratio Lower Upper

77 100

105 93.4 72.7 112.7

106 89.9 70.1 110.1



#10

Phenol

Concen: 49.932 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

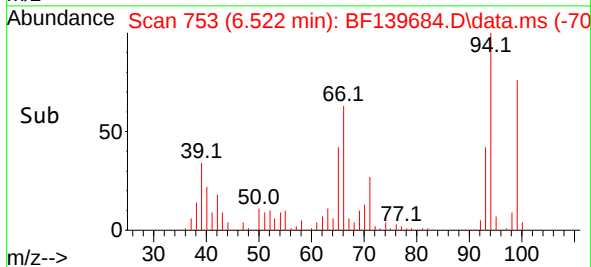
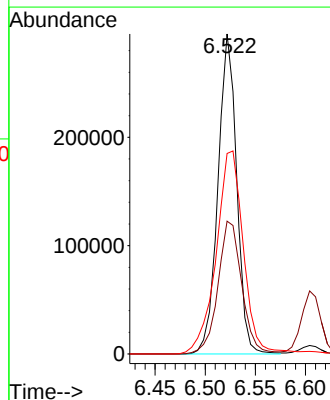
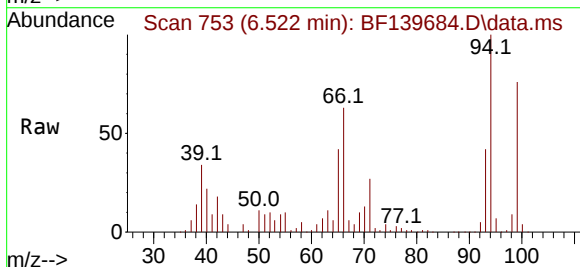
Tgt Ion: 94 Resp: 383428

Ion Ratio Lower Upper

94 100

65 41.5 15.3 55.3

66 62.7 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 46.573 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

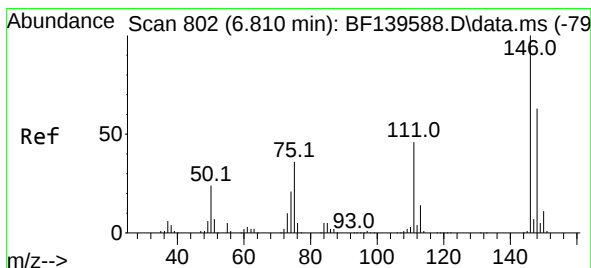
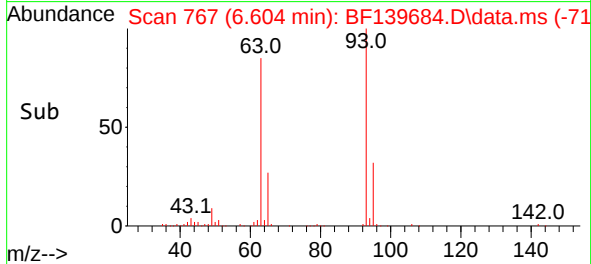
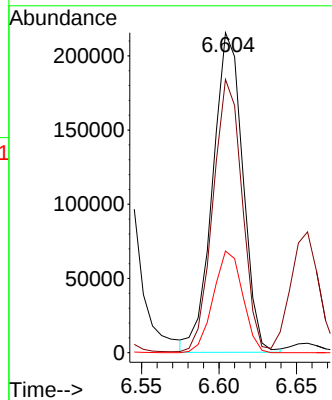
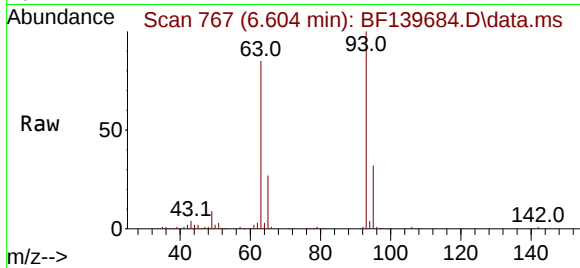
BNA\_F

ClientSampleId :

PB163870BS

Tgt Ion: 93 Resp: 291194

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 85.4  | 64.1  | 104.1 |
| 95  | 31.7  | 12.3  | 52.3  |



#12

1,3-Dichlorobenzene

Concen: 45.443 ng

RT: 6.810 min Scan# 802

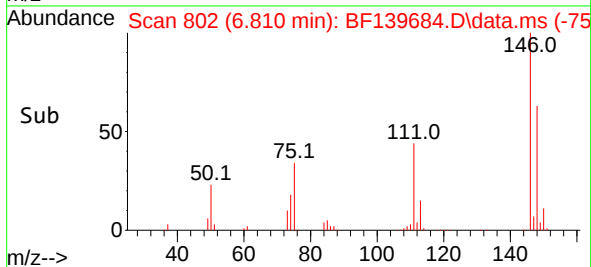
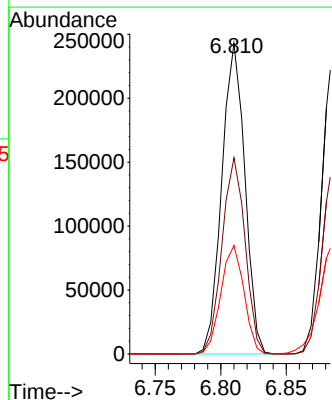
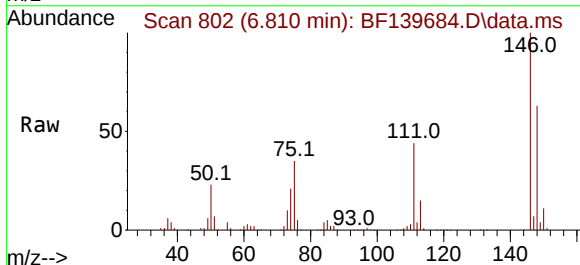
Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion: 146 Resp: 297434

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.1  | 50.2  | 75.4  |
| 75  | 34.9  | 28.5  | 42.7  |





#13

1,4-Dichlorobenzene

Concen: 45.607 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

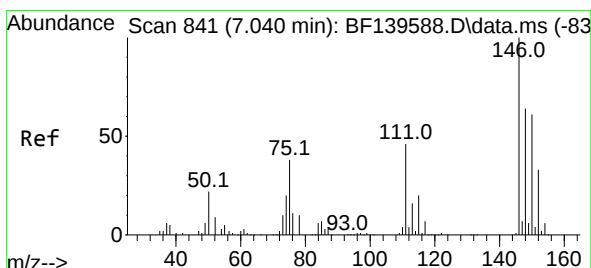
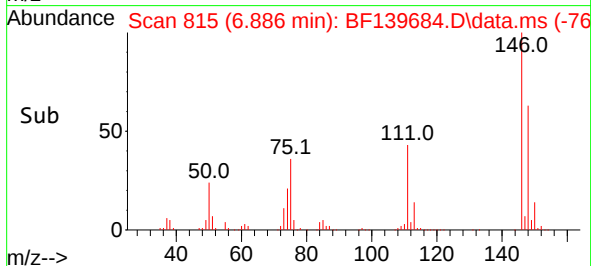
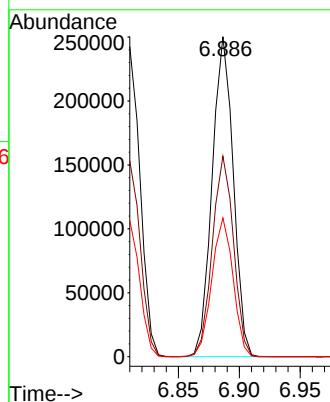
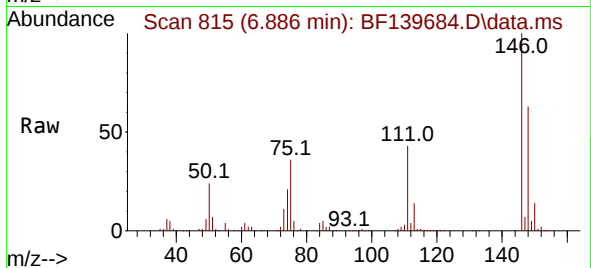
Tgt Ion:146 Resp: 302330

Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

111 43.4 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 46.486 ng

RT: 7.039 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

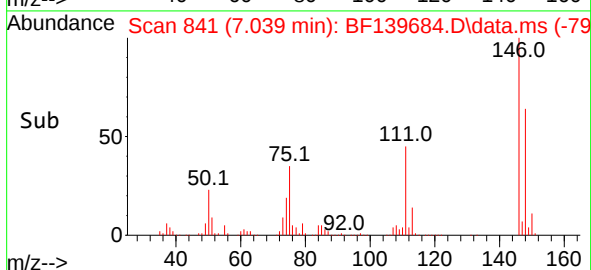
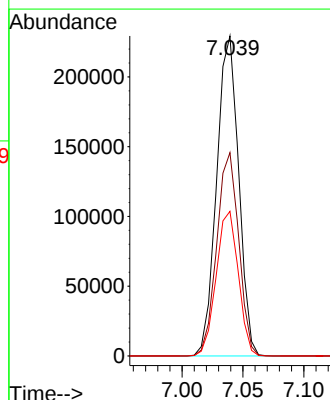
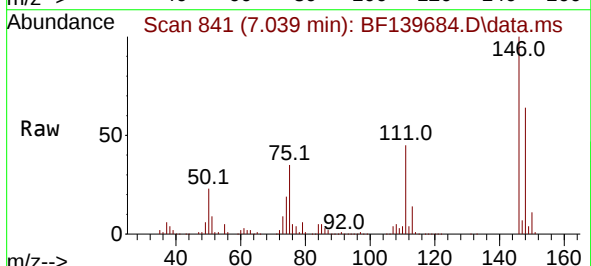
Tgt Ion:146 Resp: 288814

Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 45.2 37.0 55.6

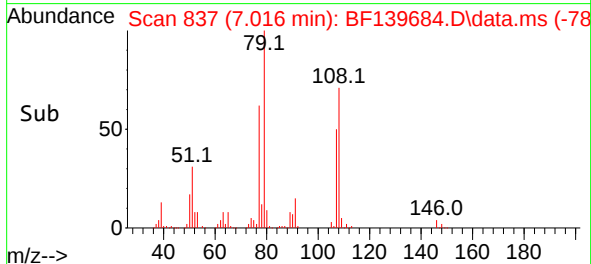
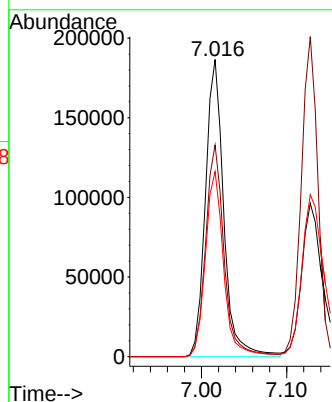
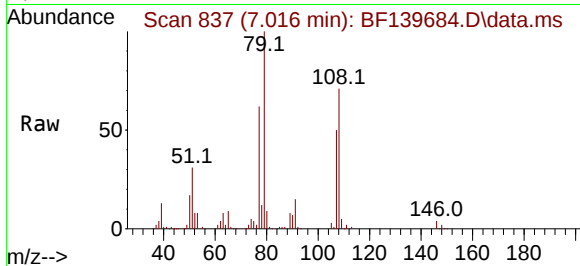




#15  
Benzyl Alcohol  
Concen: 49.883 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

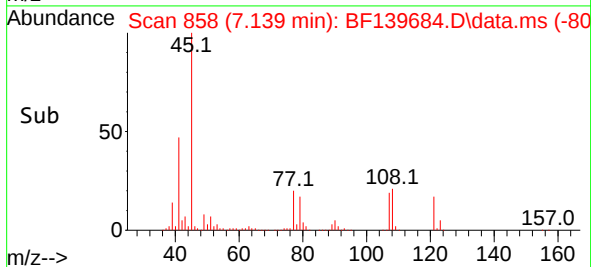
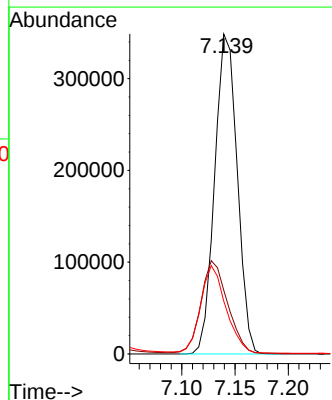
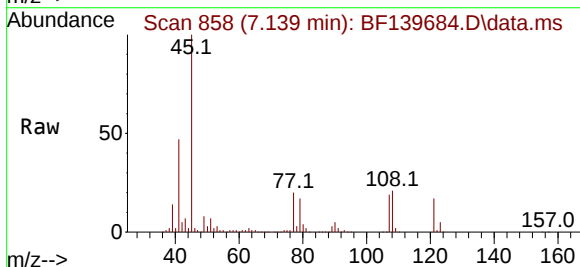
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

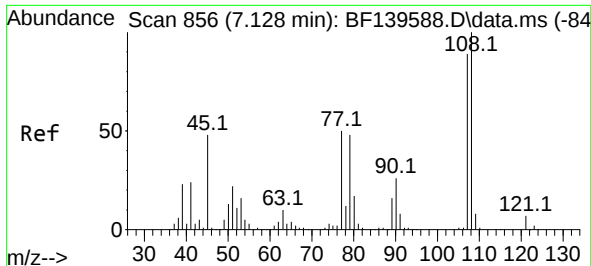
Tgt Ion: 79 Resp: 278345  
Ion Ratio Lower Upper  
79 100  
108 71.2 55.1 82.7  
77 62.3 50.8 76.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.410 ng  
RT: 7.139 min Scan# 858  
Delta R.T. -0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion: 45 Resp: 513162  
Ion Ratio Lower Upper  
45 100  
77 19.9 0.0 32.5  
79 16.5 0.0 29.7

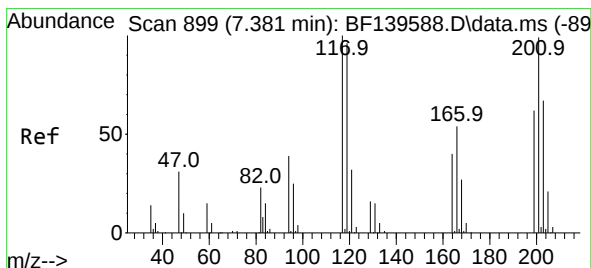
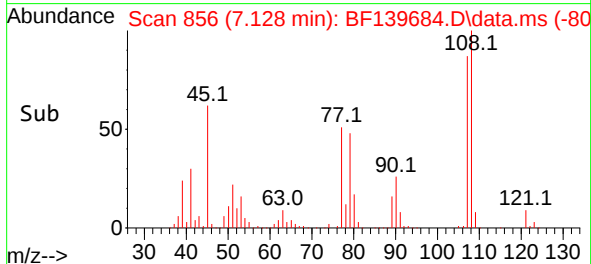
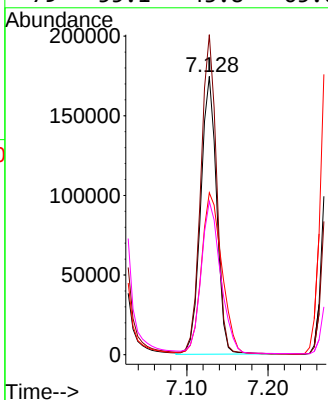
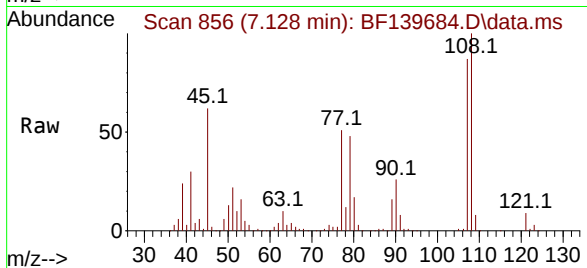




#17  
2-Methylphenol  
Concen: 48.844 ng  
RT: 7.128 min Scan# 856  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

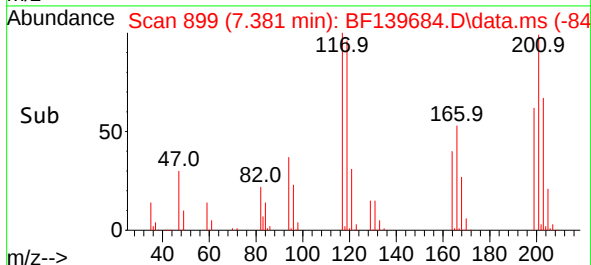
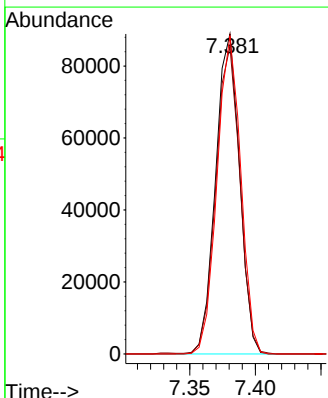
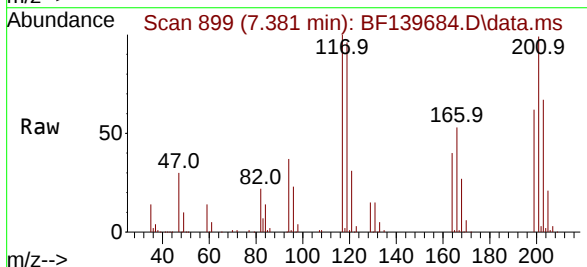
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 237248 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.0 | 89.8  | 134.6  |
| 77       | 58.2  | 44.6  | 67.0   |
| 79       | 55.1  | 43.8  | 65.6   |



#18  
Hexachloroethane  
Concen: 45.604 ng  
RT: 7.381 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 112762 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.1  | 77.0  | 115.6  |
| 201      | 99.3  | 79.2  | 118.8  |





#19

n-Nitroso-di-n-propylamine

Concen: 47.036 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139684.D

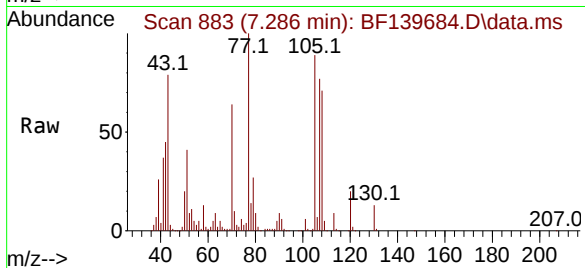
Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS



Tgt Ion: 70 Resp: 220839

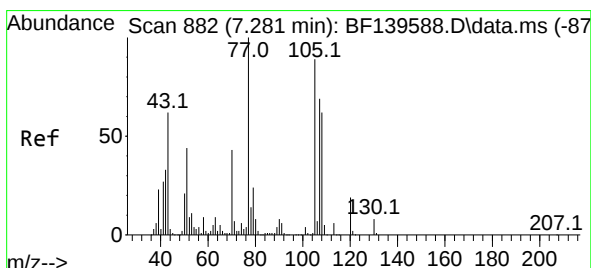
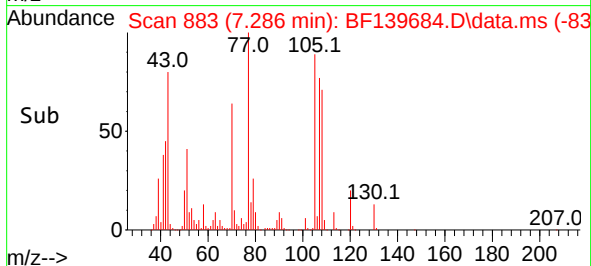
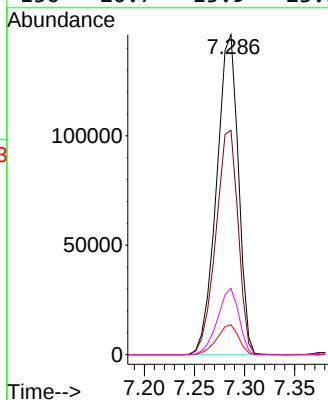
Ion Ratio Lower Upper

70 100

42 70.1 58.0 87.0

101 9.4 7.8 11.8

130 20.7 15.9 23.9



#20

3+4-Methylphenols

Concen: 49.387 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion: 107 Resp: 301304

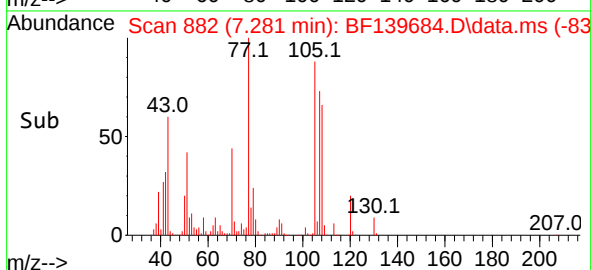
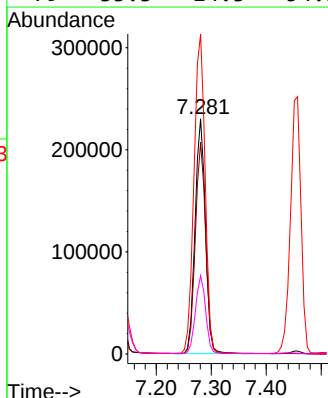
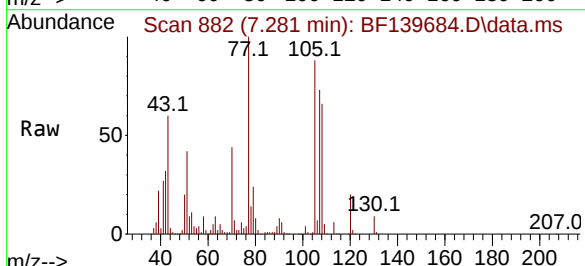
Ion Ratio Lower Upper

107 100

108 90.0 70.2 110.2

77 136.1 125.3 165.3

79 33.3 14.3 54.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

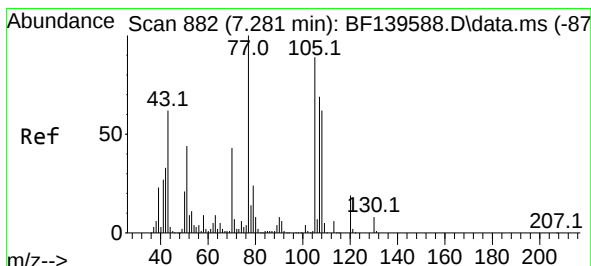
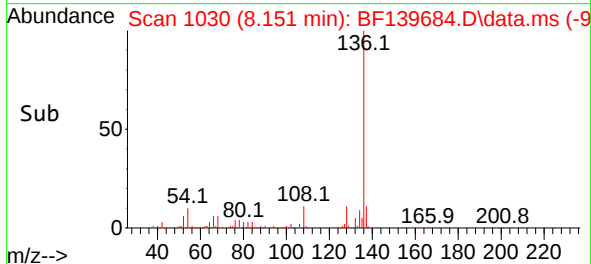
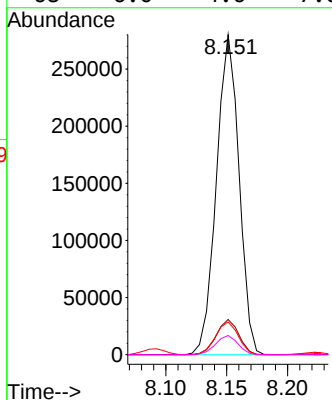
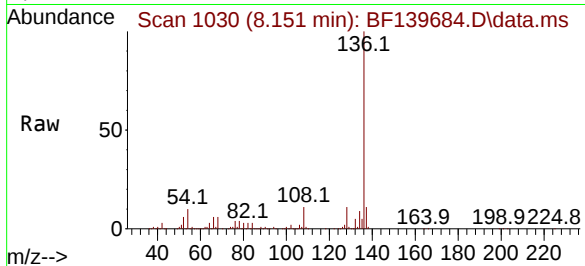
Instrument :

BNA\_F

ClientSampleId :

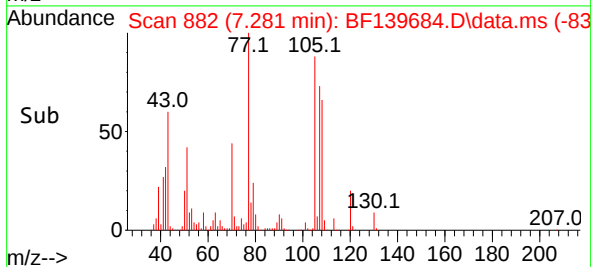
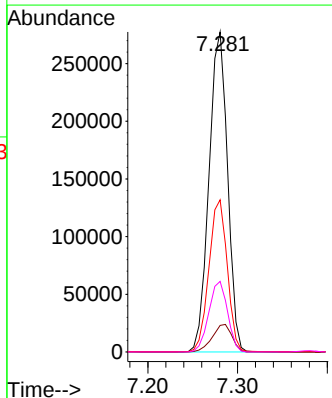
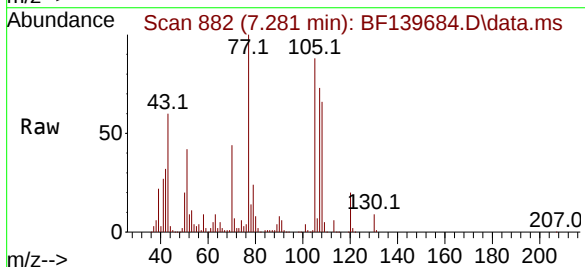
PB163870BS

Tgt Ion:136 Resp: 362215  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 10.3 8.3 12.5  
68 6.0 4.6 7.0



#22  
Acetophenone  
Concen: 46.306 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:105 Resp: 398132  
Ion Ratio Lower Upper  
105 100  
71 8.3 6.6 10.0  
51 47.6 39.4 59.0  
120 22.0 17.4 26.2





#23

Nitrobenzene-d5

Concen: 91.514 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

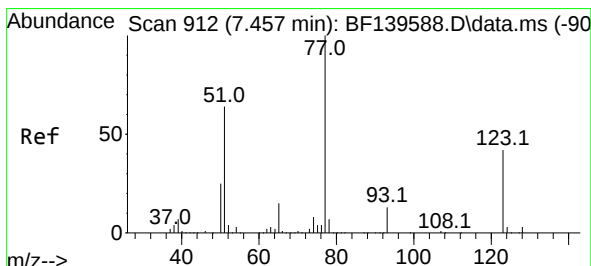
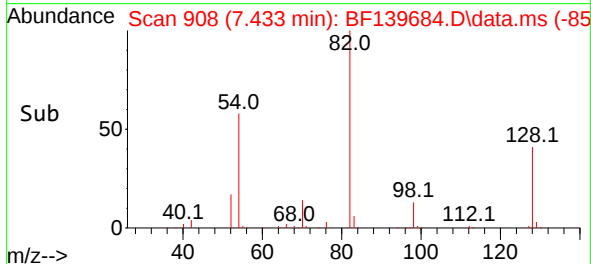
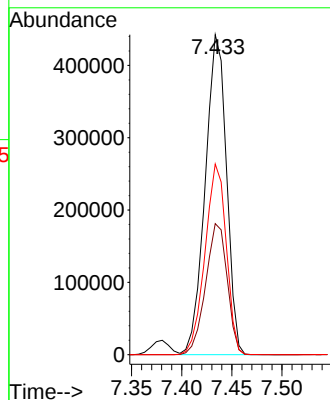
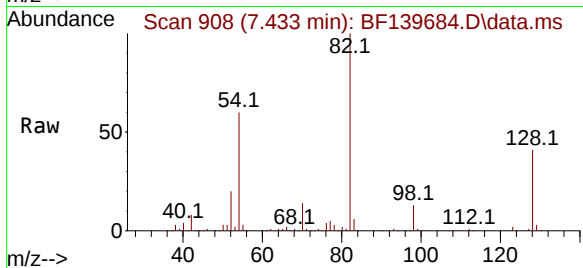
Tgt Ion: 82 Resp: 654705

Ion Ratio Lower Upper

82 100

128 41.0 32.4 48.6

54 59.6 49.1 73.7



#24

Nitrobenzene

Concen: 45.391 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

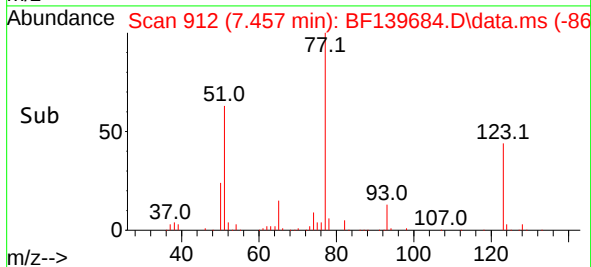
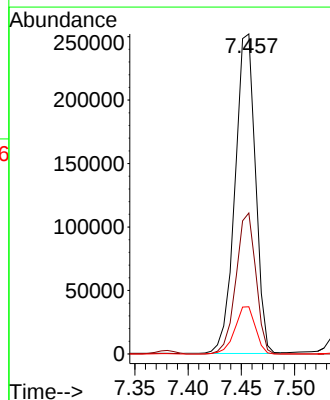
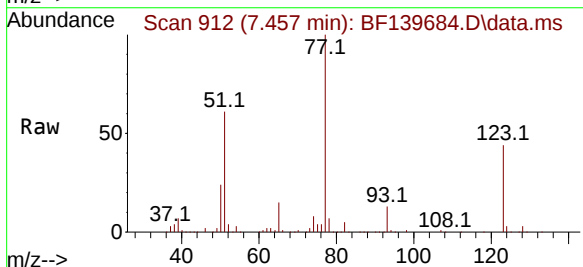
Tgt Ion: 77 Resp: 336258

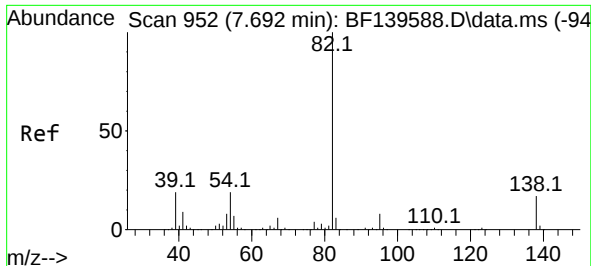
Ion Ratio Lower Upper

77 100

123 44.0 34.2 51.4

65 14.7 12.1 18.1

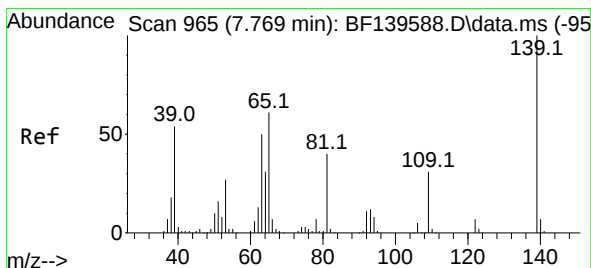
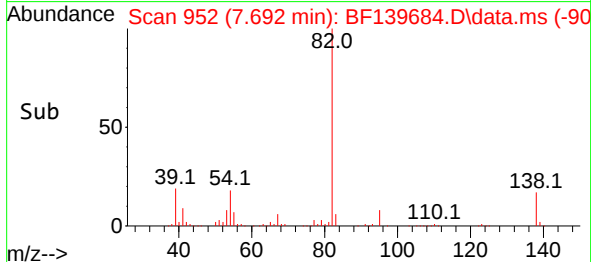
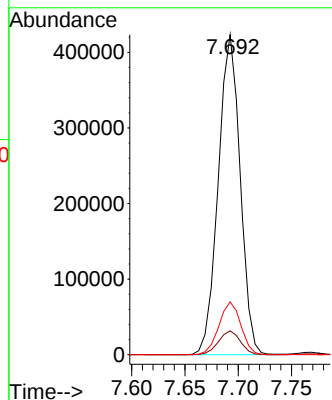
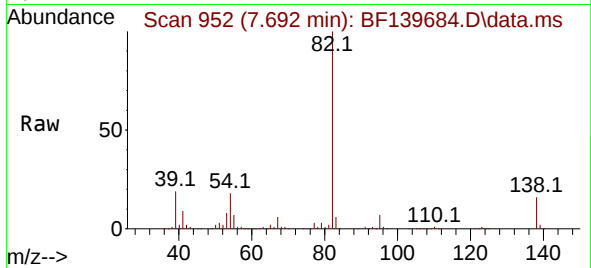




#25  
Isophorone  
Concen: 47.544 ng  
RT: 7.692 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

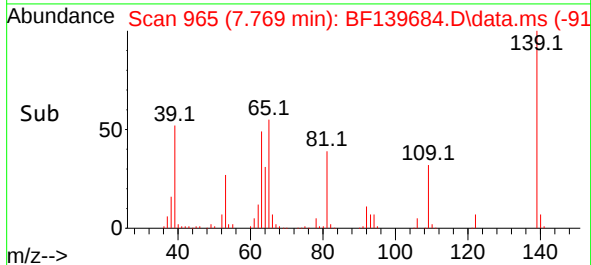
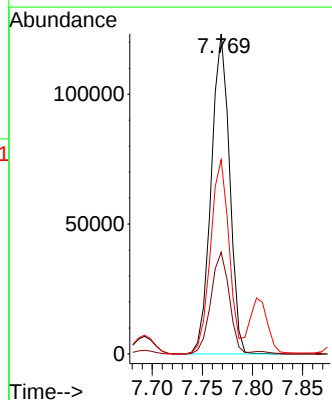
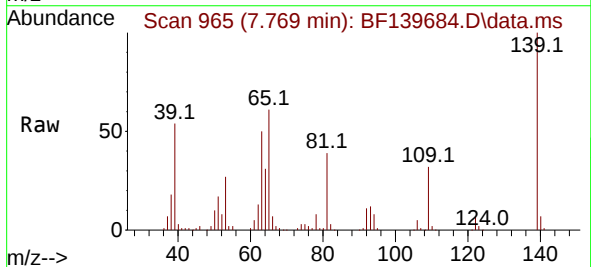
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

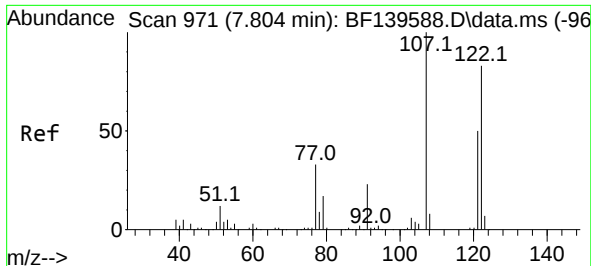
Tgt Ion: 82 Resp: 604123  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.1 9.1  
138 16.5 13.4 20.2



#26  
2-Nitrophenol  
Concen: 49.291 ng  
RT: 7.769 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:139 Resp: 156979  
Ion Ratio Lower Upper  
139 100  
109 31.7 24.9 37.3  
65 60.7 48.6 72.8

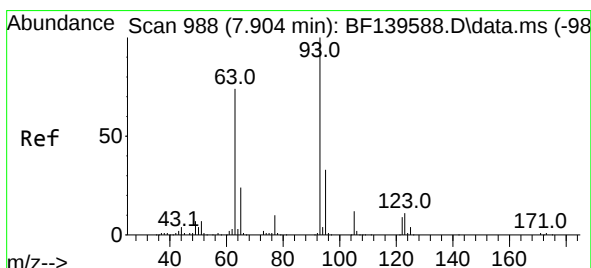
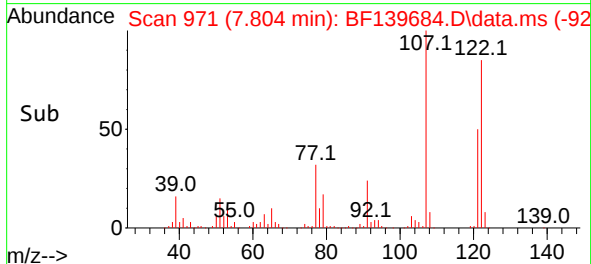
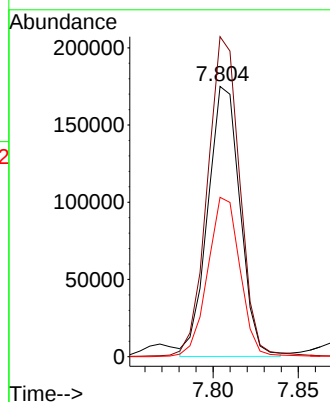
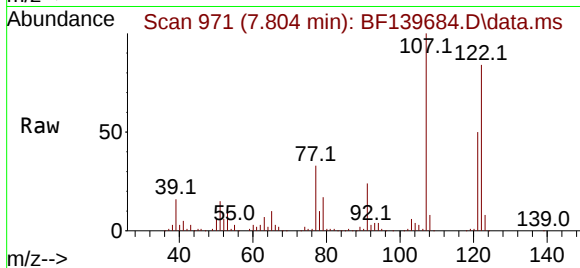




#27  
2,4-Dimethylphenol  
Concen: 59.140 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

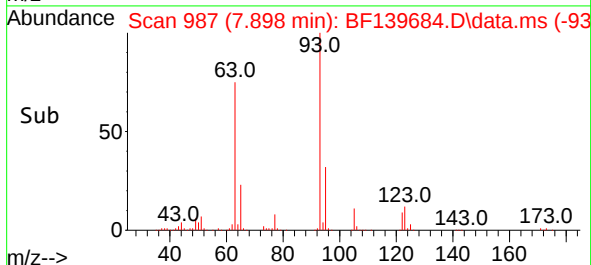
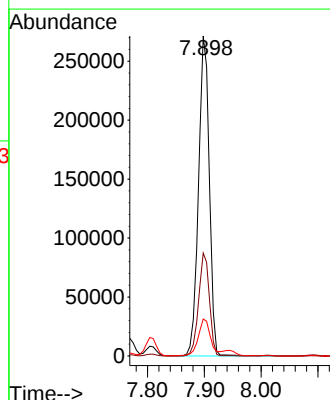
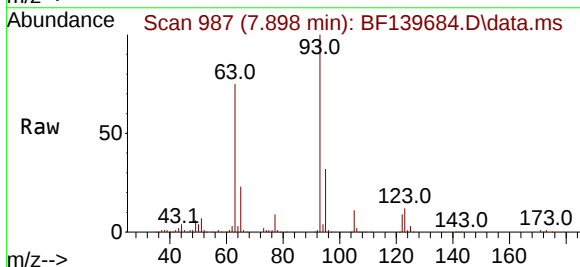
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Tgt Ion:122 Resp: 230571  
Ion Ratio Lower Upper  
122 100  
107 118.4 95.4 143.0  
121 58.9 47.4 71.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.413 ng  
RT: 7.898 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion: 93 Resp: 359753  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.5 39.7  
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.011 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

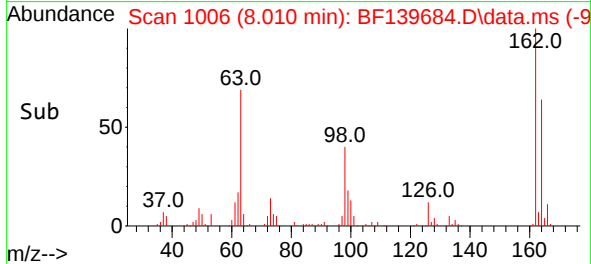
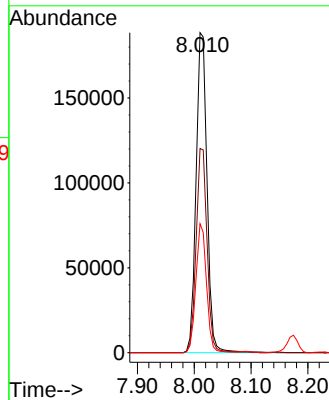
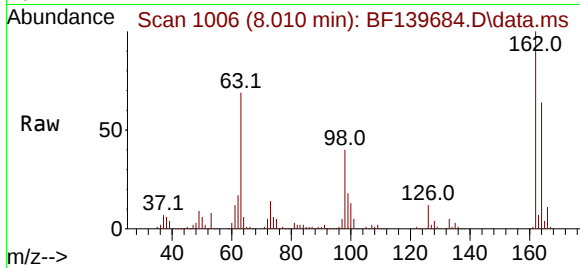
Tgt Ion:162 Resp: 254322

Ion Ratio Lower Upper

162 100

164 63.8 43.1 83.1

98 40.3 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 43.899 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

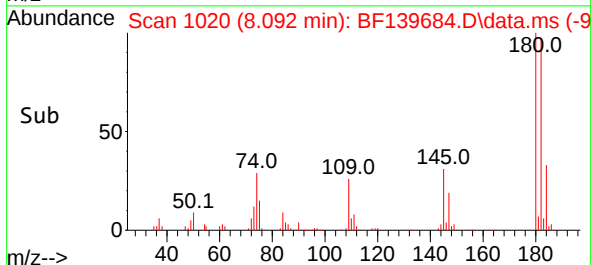
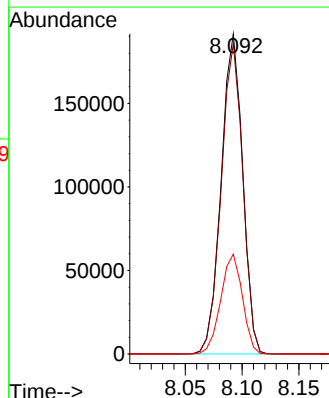
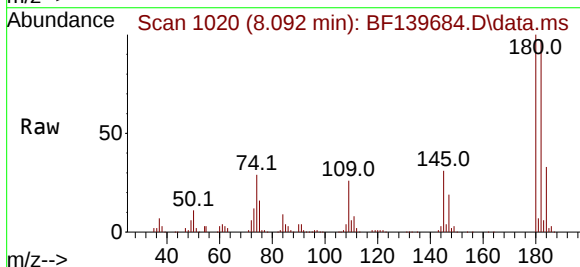
Tgt Ion:180 Resp: 252460

Ion Ratio Lower Upper

180 100

182 97.0 76.0 114.0

145 31.2 25.0 37.6





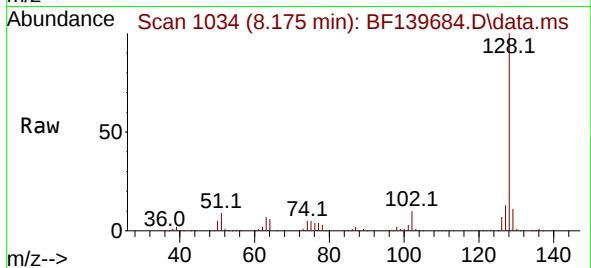
#31  
Naphthalene  
Concen: 46.402 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Instrument :

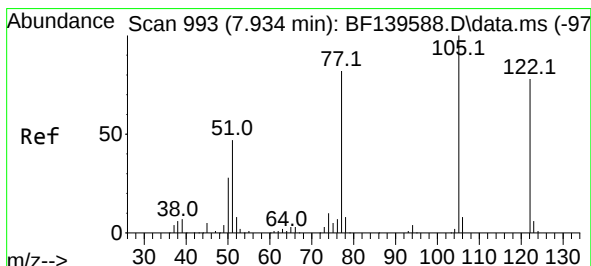
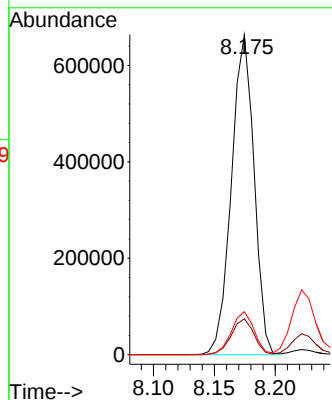
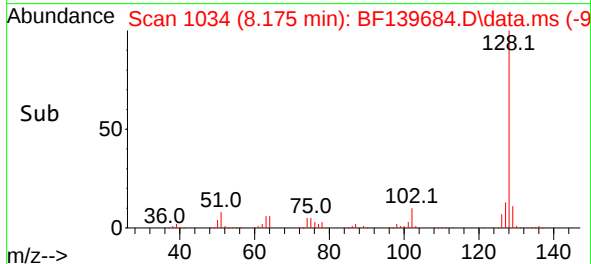
BNA\_F

ClientSampleId :

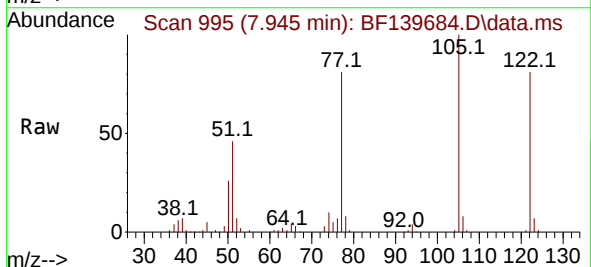
PB163870BS



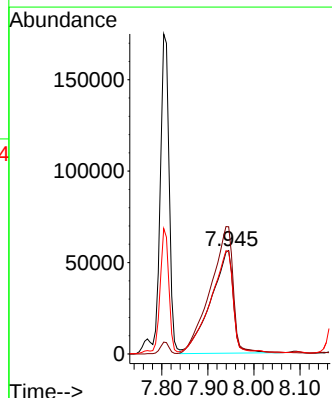
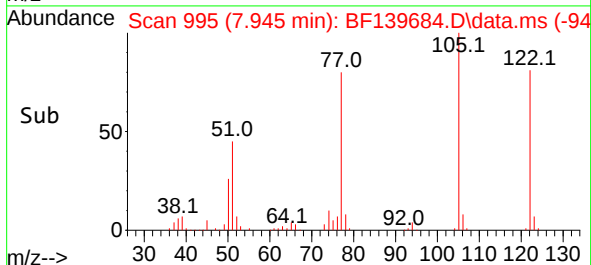
Tgt Ion:128 Resp: 859351  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 13.4 10.5 15.7



#32  
Benzoic acid  
Concen: 49.337 ng  
RT: 7.945 min Scan# 995  
Delta R.T. 0.012 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06



Tgt Ion:122 Resp: 191266  
Ion Ratio Lower Upper  
122 100  
105 123.0 104.9 144.9  
77 99.3 82.7 122.7

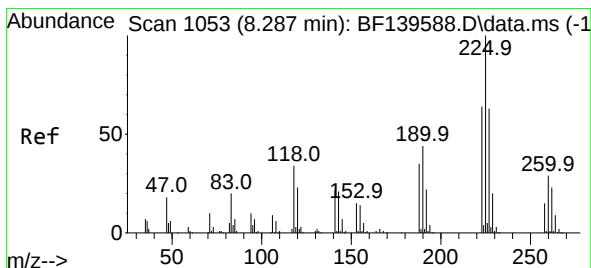
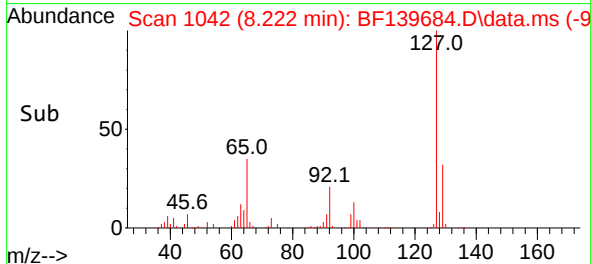
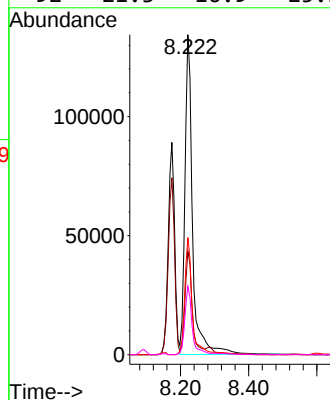
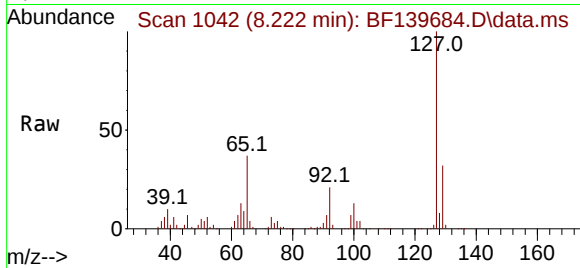




#33  
4-Chloroaniline  
Concen: 33.330 ng  
RT: 8.222 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

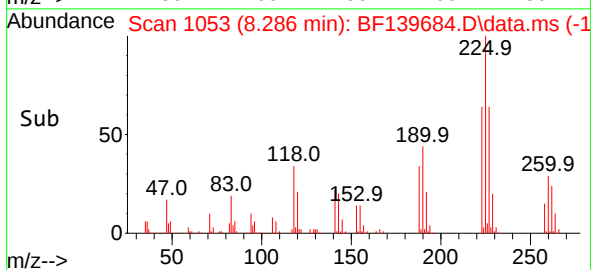
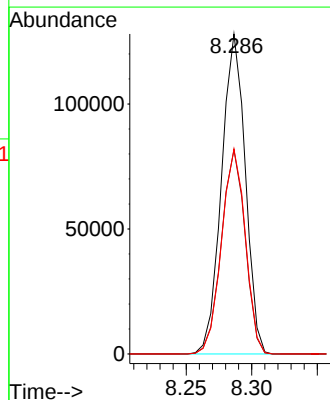
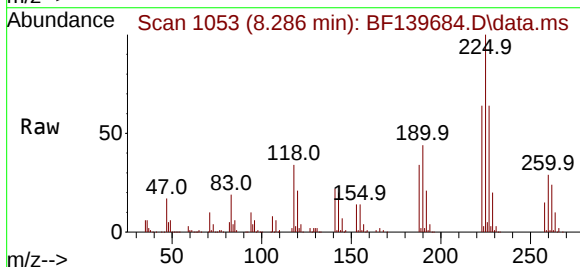
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

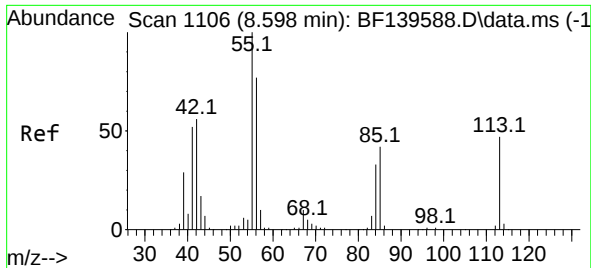
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 208940 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.2  | 39.4   |
| 65       | 36.6  | 29.3  | 43.9   |
| 92       | 21.3  | 16.9  | 25.3   |



#34  
Hexachlorobutadiene  
Concen: 43.321 ng  
RT: 8.286 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 161228 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 50.9  | 76.3   |
| 227      | 64.0  | 50.7  | 76.1   |

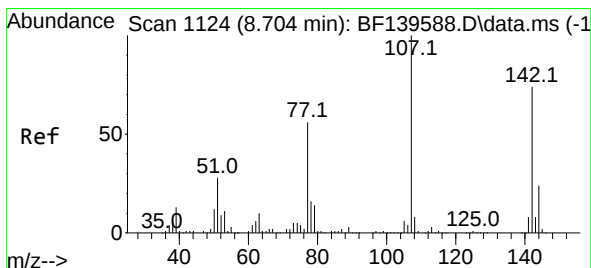
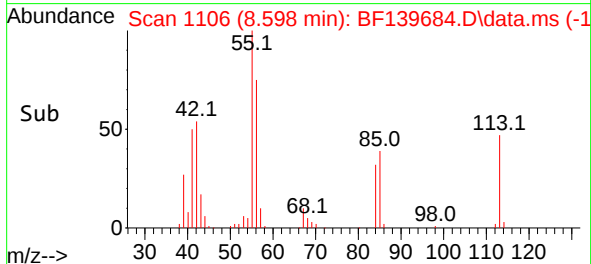
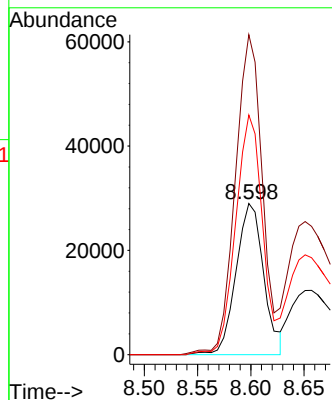
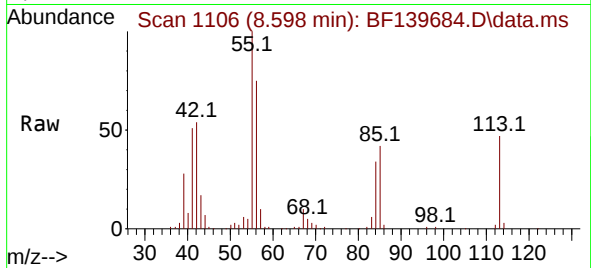




#35  
 Caprolactam  
 Concen: 31.528 ng  
 RT: 8.598 min Scan# 1106  
 Delta R.T. -0.000 min  
 Lab File: BF139684.D  
 Acq: 07 Oct 2024 14:06

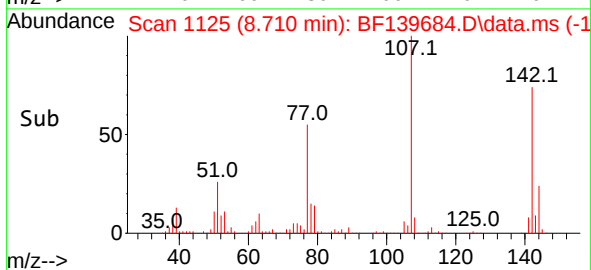
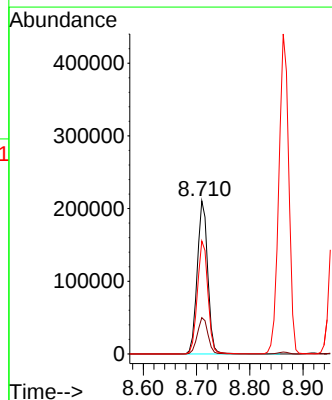
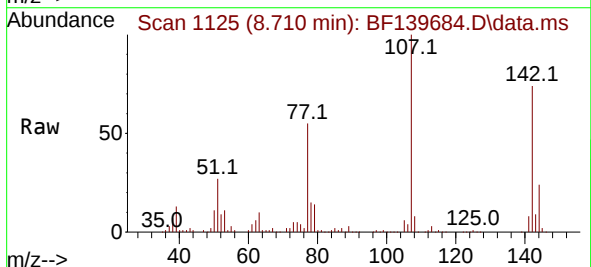
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163870BS

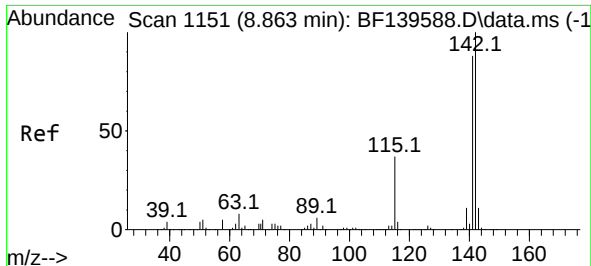
Tgt Ion:113 Resp: 52586  
 Ion Ratio Lower Upper  
 113 100  
 55 211.7 193.4 233.4  
 56 158.5 143.8 183.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.186 ng  
 RT: 8.710 min Scan# 1125  
 Delta R.T. 0.006 min  
 Lab File: BF139684.D  
 Acq: 07 Oct 2024 14:06

Tgt Ion:107 Resp: 288898  
 Ion Ratio Lower Upper  
 107 100  
 144 23.7 19.0 28.6  
 142 73.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 47.083 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

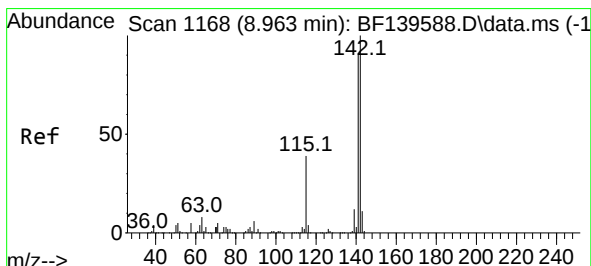
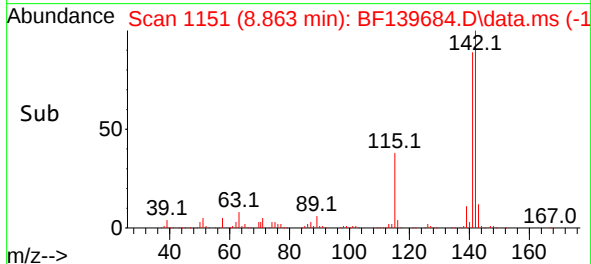
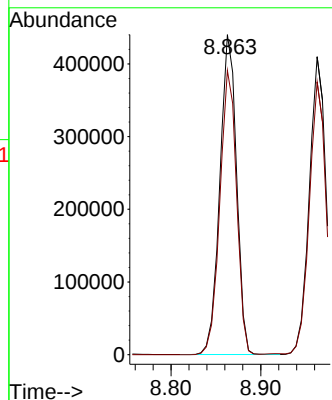
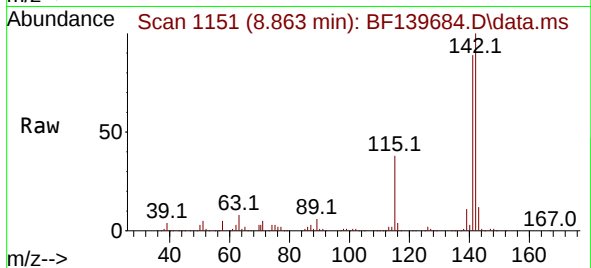
PB163870BS

Tgt Ion:142 Resp: 567900

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 44.633 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139684.D

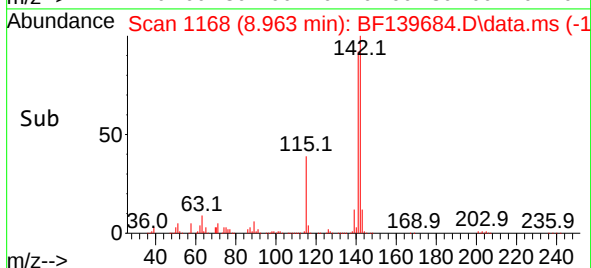
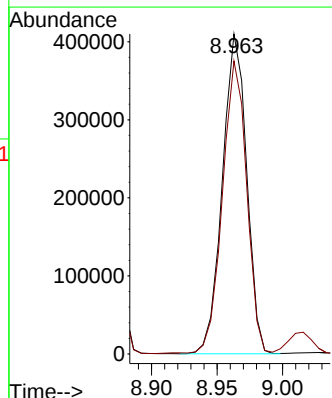
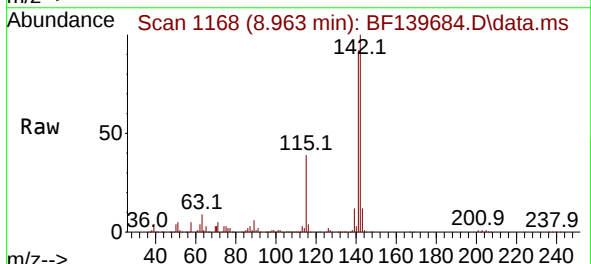
Acq: 07 Oct 2024 14:06

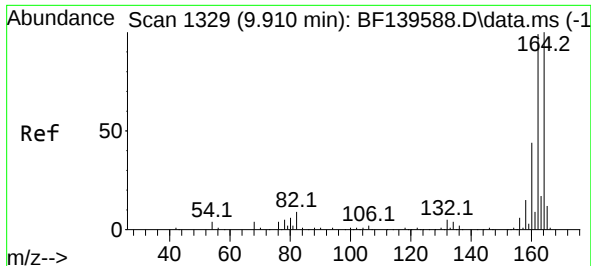
Tgt Ion:142 Resp: 526217

Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.4

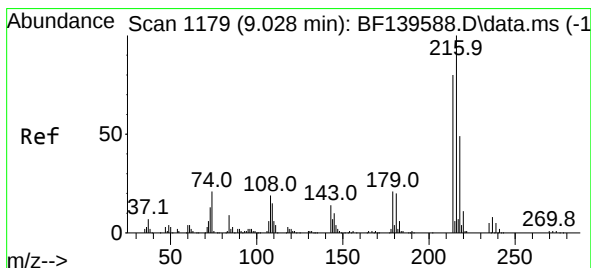
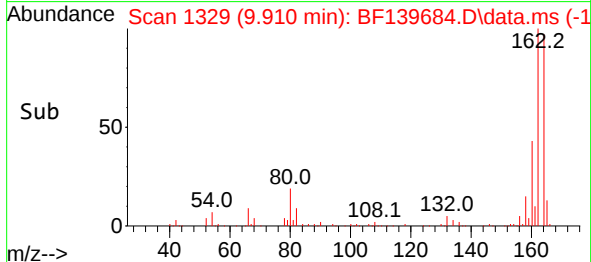
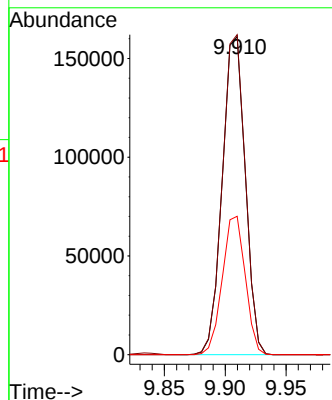
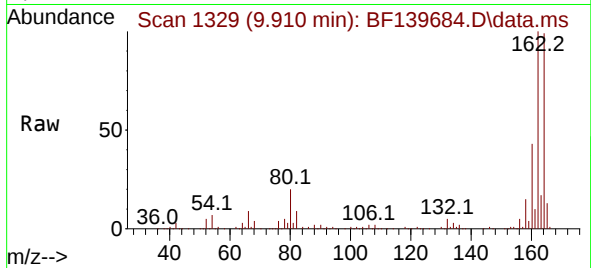




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

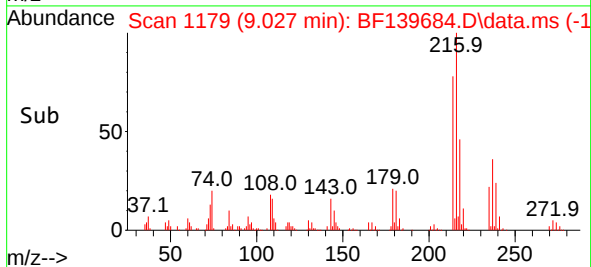
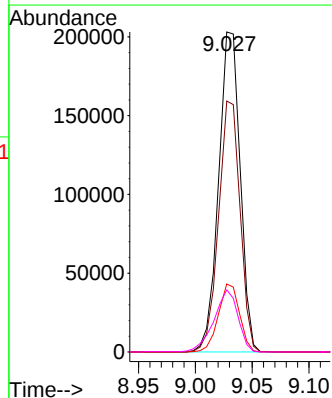
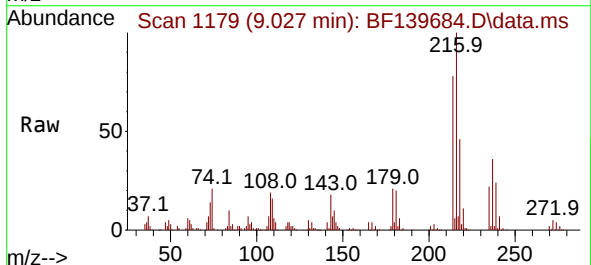
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

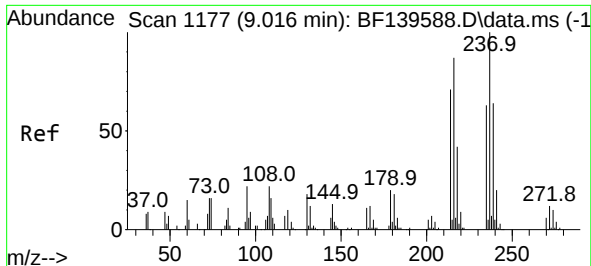
Tgt Ion:164 Resp: 211552  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.4 119.0  
160 43.5 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.714 ng  
RT: 9.027 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:216 Resp: 268549  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.7 95.5  
179 20.8 16.9 25.3  
108 21.6 15.4 23.2

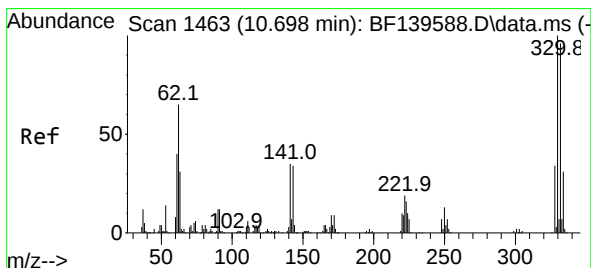
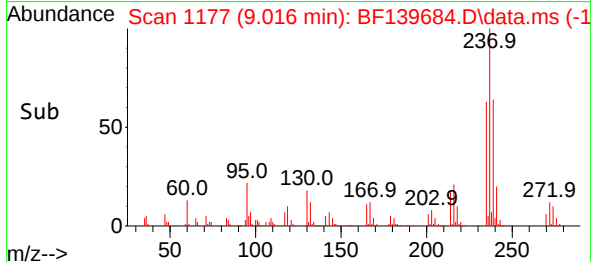
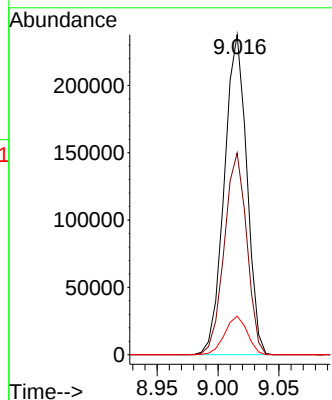
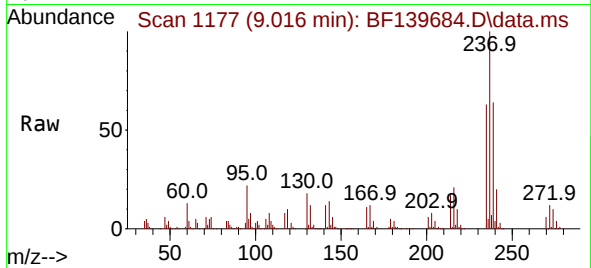




#41  
Hexachlorocyclopentadiene  
Concen: 169.661 ng  
RT: 9.016 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

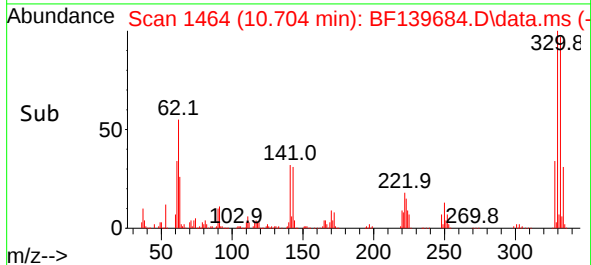
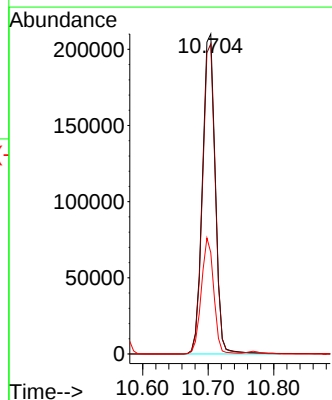
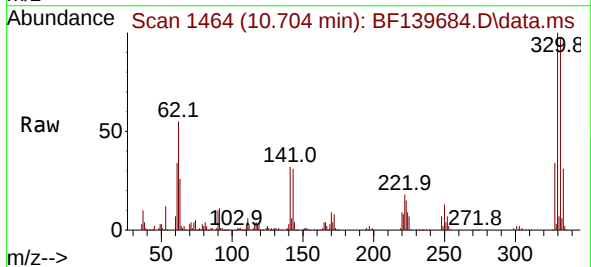
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

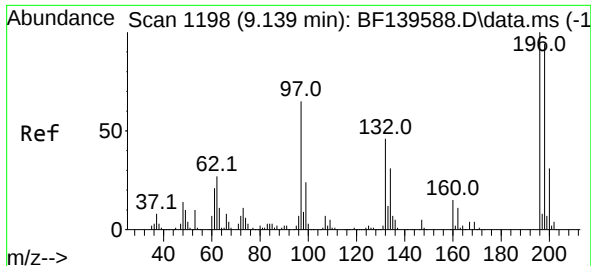
Tgt Ion:237 Resp: 305606  
Ion Ratio Lower Upper  
237 100  
235 63.0 42.5 82.5  
272 12.1 0.0 32.1



#42  
2,4,6-Tribromophenol  
Concen: 140.665 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:330 Resp: 287264  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.5 114.7  
141 35.1 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 47.885 ng

RT: 9.145 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF139684.D

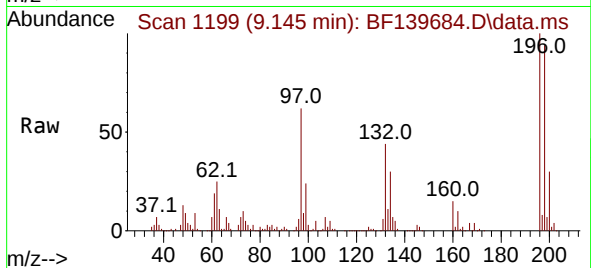
Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS



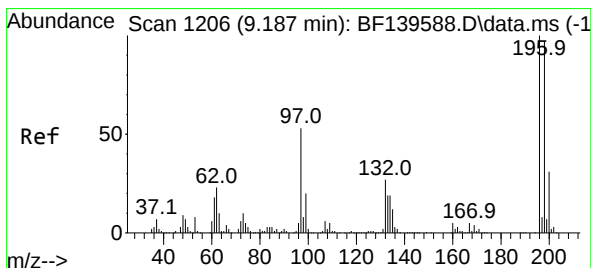
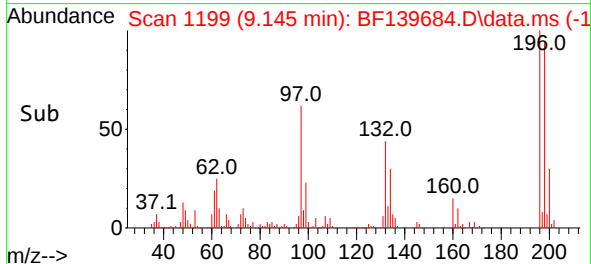
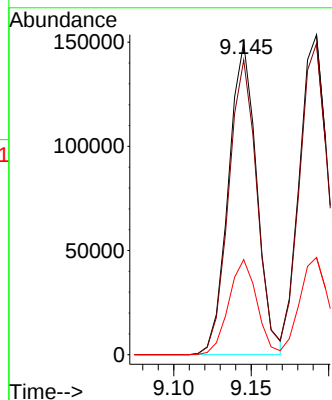
Tgt Ion:196 Resp: 189635

Ion Ratio Lower Upper

196 100

198 94.4 75.2 112.8

200 30.5 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 47.310 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Tgt Ion:196 Resp: 202047

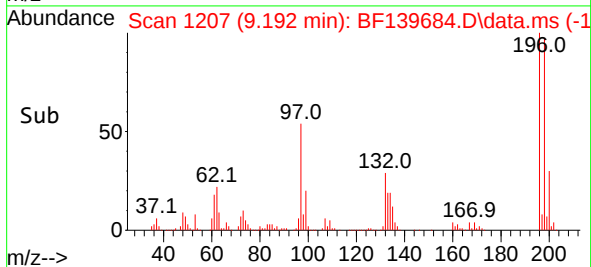
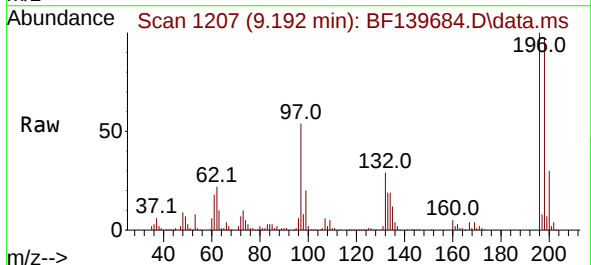
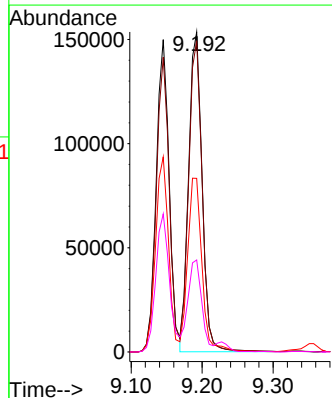
Ion Ratio Lower Upper

196 100

198 97.2 77.5 116.3

97 54.3 43.1 64.7

132 28.7 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 88.350 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

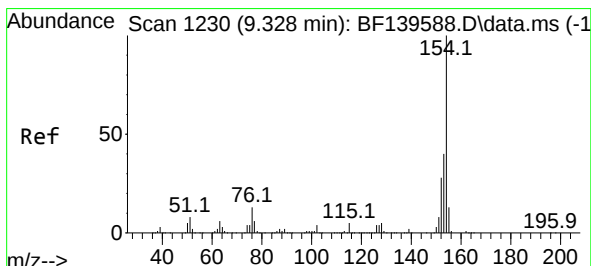
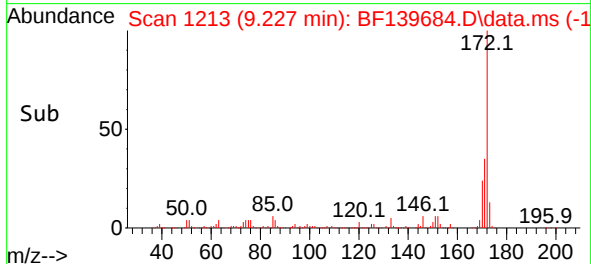
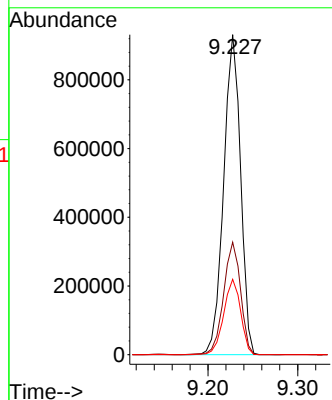
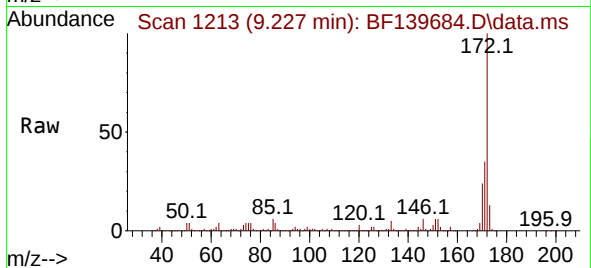
Tgt Ion:172 Resp: 1217480

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 45.550 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

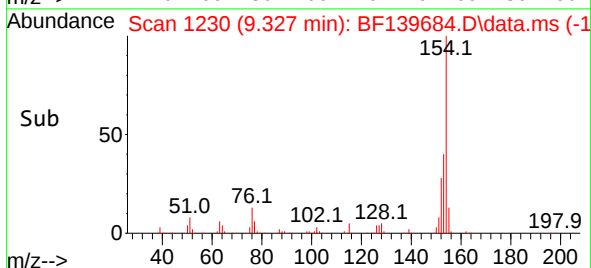
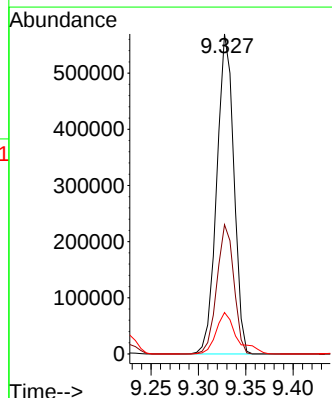
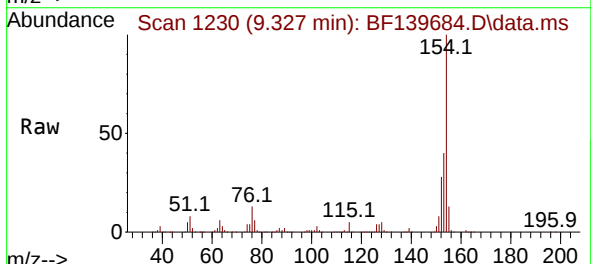
Tgt Ion:154 Resp: 716705

Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 12.9 0.0 32.6

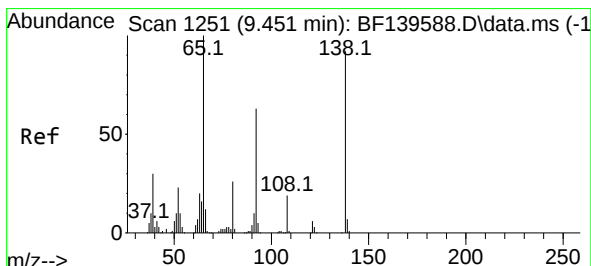
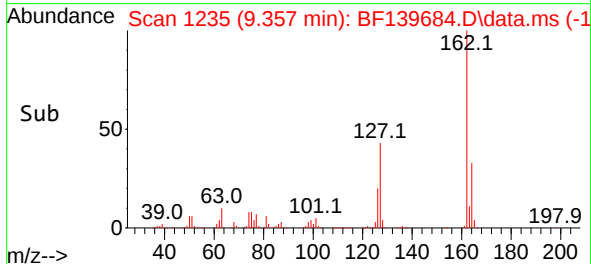
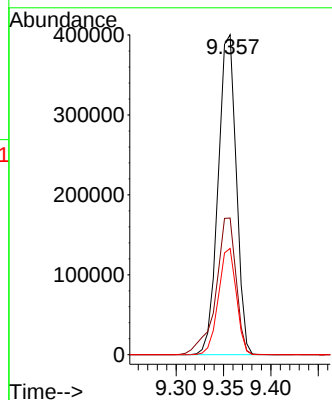
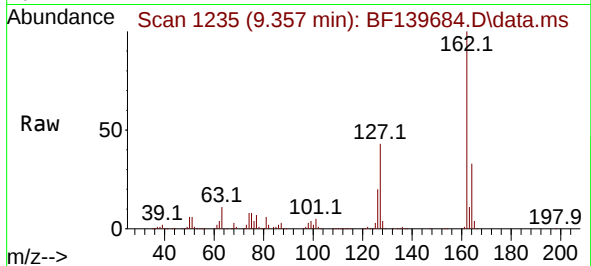




#47  
2-Chloronaphthalene  
Concen: 45.228 ng  
RT: 9.357 min Scan# 1235  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

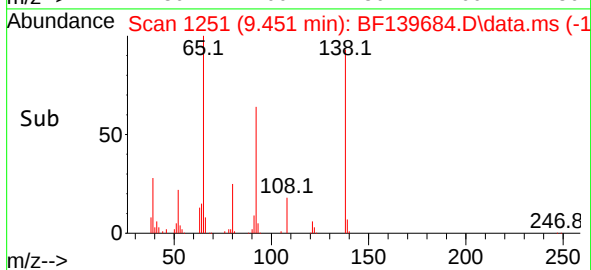
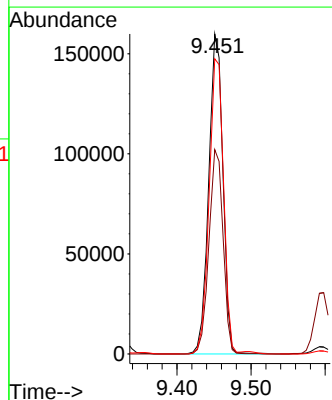
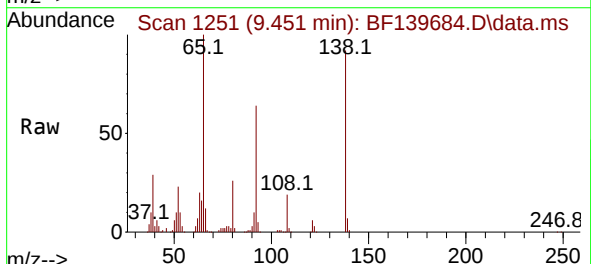
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Tgt Ion:162 Resp: 533501  
Ion Ratio Lower Upper  
162 100  
127 42.7 35.0 52.4  
164 33.2 26.1 39.1



#48  
2-Nitroaniline  
Concen: 50.164 ng  
RT: 9.451 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

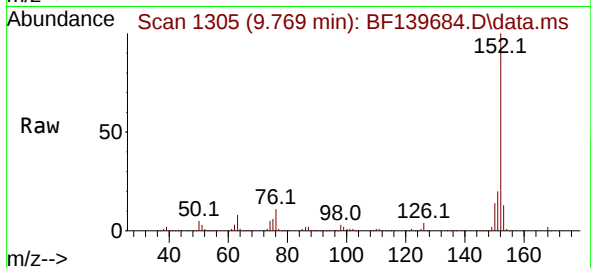
Tgt Ion: 65 Resp: 212412  
Ion Ratio Lower Upper  
65 100  
92 63.8 50.0 75.0  
138 92.3 73.8 110.8



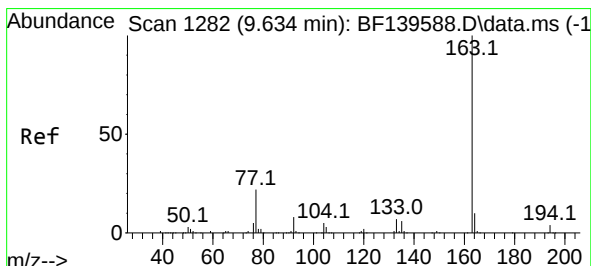
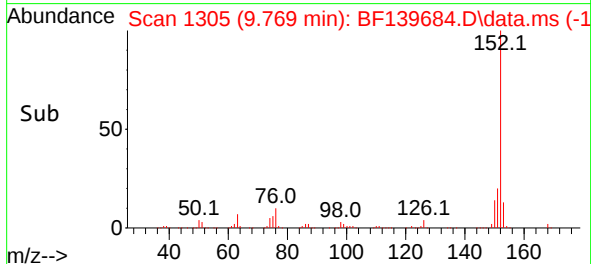
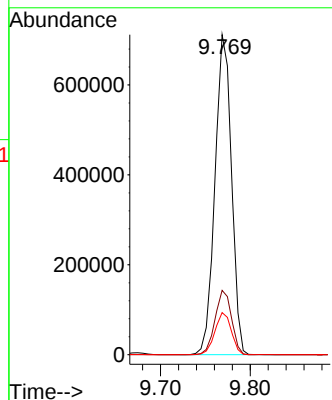


#49  
Acenaphthylene  
Concen: 50.720 ng  
RT: 9.769 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

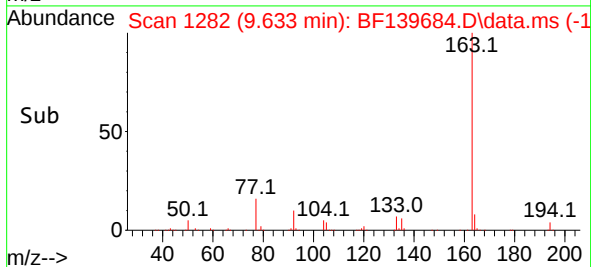
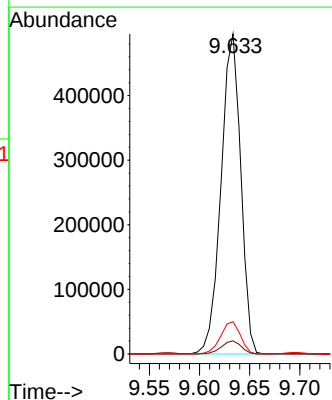
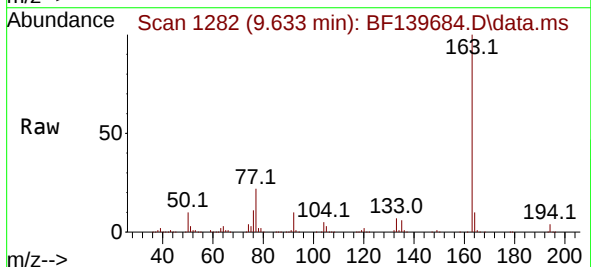


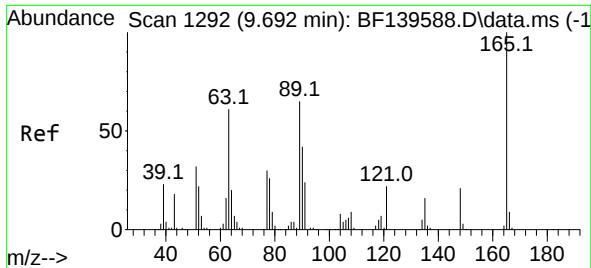
Tgt Ion:152 Resp: 909850  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.0 24.0  
153 13.2 10.5 15.7



#50  
Dimethylphthalate  
Concen: 48.771 ng  
RT: 9.633 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:163 Resp: 675403  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.1 8.1 12.1

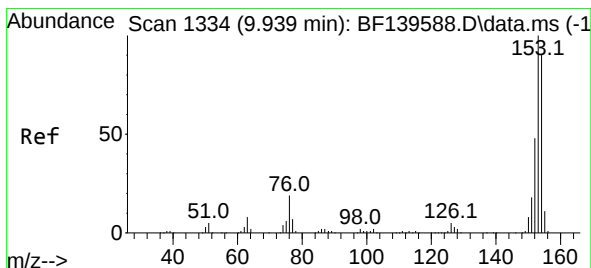
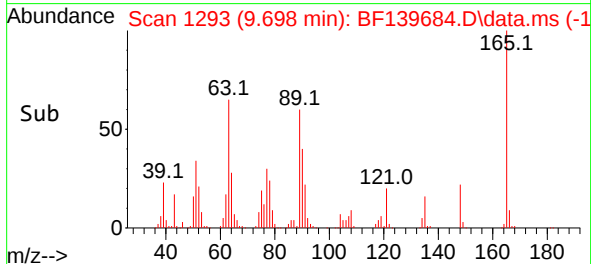
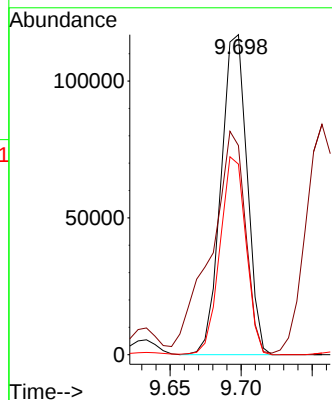
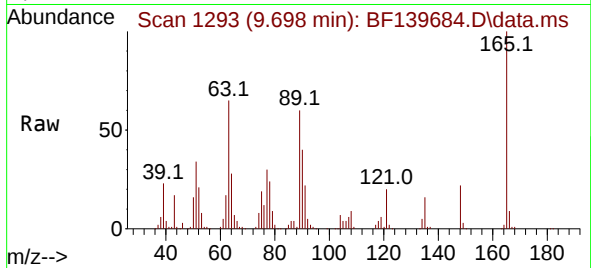




#51  
2,6-Dinitrotoluene  
Concen: 47.690 ng  
RT: 9.698 min Scan# 1292  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

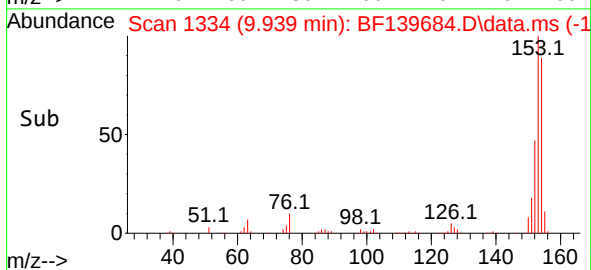
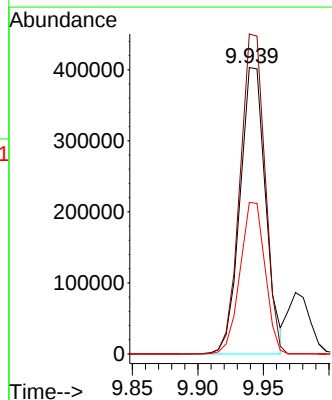
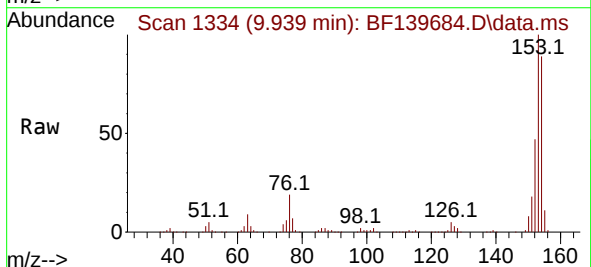
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

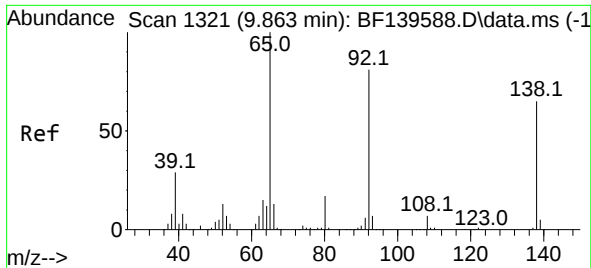
Tgt Ion:165 Resp: 149188  
Ion Ratio Lower Upper  
165 100  
63 65.4 56.7 85.1  
89 59.6 51.6 77.4



#52  
Acenaphthene  
Concen: 44.491 ng  
RT: 9.939 min Scan# 1334  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:154 Resp: 547910  
Ion Ratio Lower Upper  
154 100  
153 111.8 88.8 133.2  
152 52.9 42.5 63.7

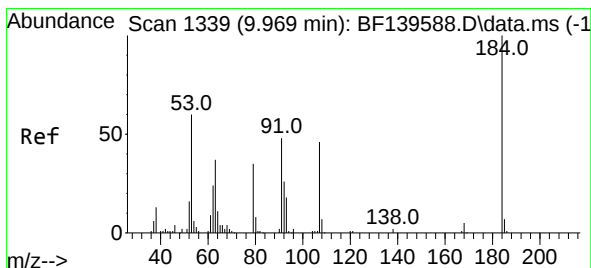
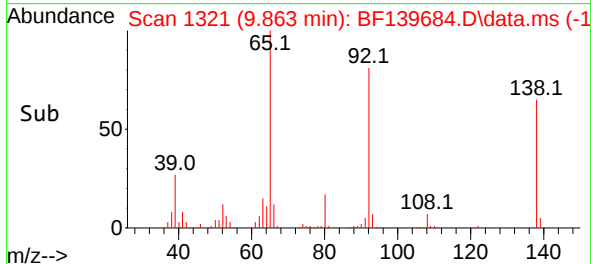
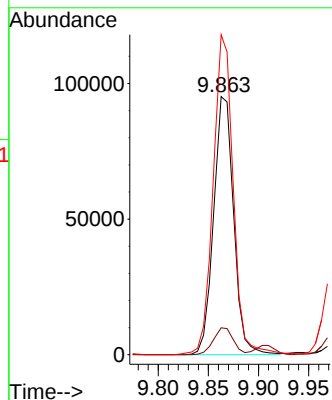
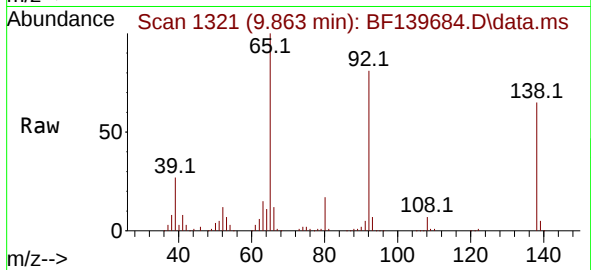




#53  
3-Nitroaniline  
Concen: 41.323 ng  
RT: 9.863 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

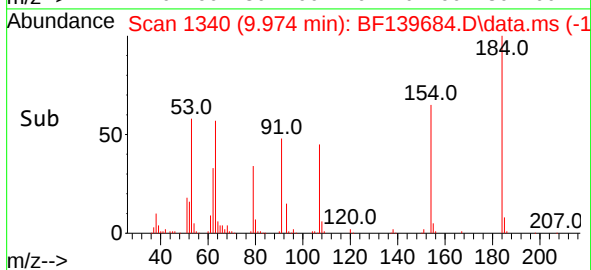
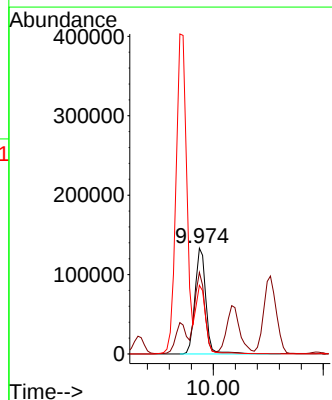
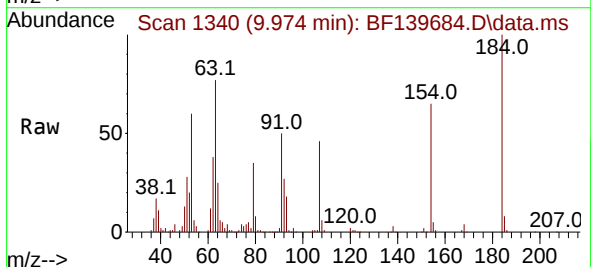
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Tgt Ion:138 Resp: 132104  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.8 13.2  
92 124.0 100.0 150.0



#54  
2,4-Dinitrophenol  
Concen: 110.053 ng  
RT: 9.974 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:184 Resp: 185175  
Ion Ratio Lower Upper  
184 100  
63 77.2 61.7 92.5  
154 64.9 53.0 79.4

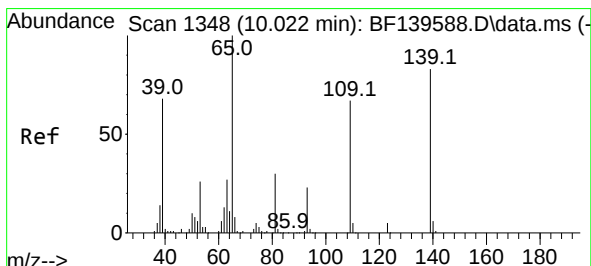
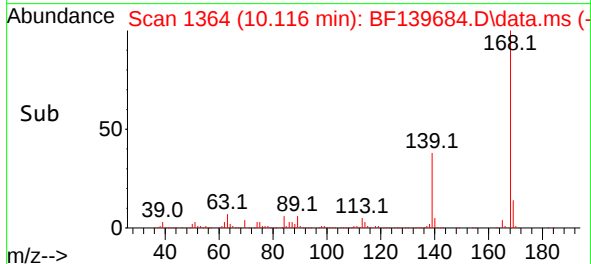
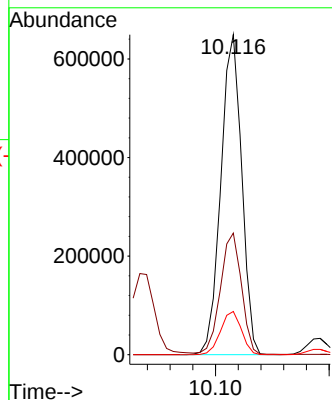
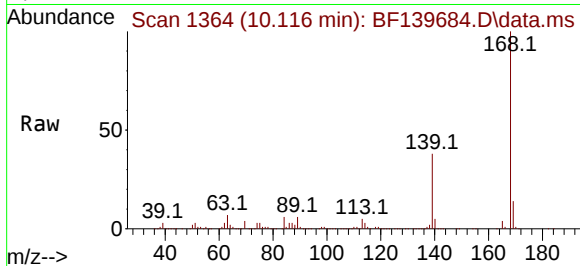




#55  
Dibenzofuran  
Concen: 48.058 ng  
RT: 10.116 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

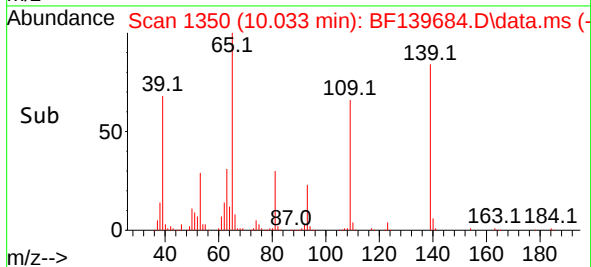
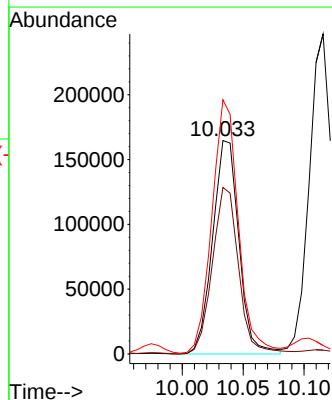
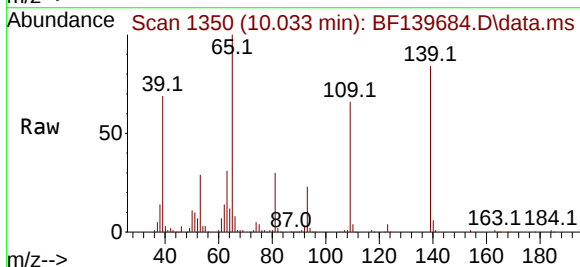
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

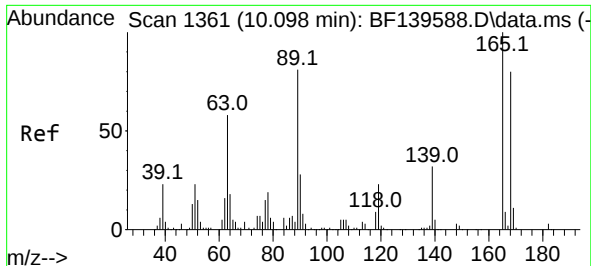
Tgt Ion:168 Resp: 828644  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.4 45.6  
169 13.5 10.7 16.1



#56  
4-Nitrophenol  
Concen: 101.511 ng  
RT: 10.033 min Scan# 1350  
Delta R.T. 0.012 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:139 Resp: 247471  
Ion Ratio Lower Upper  
139 100  
109 78.0 60.3 100.3  
65 119.1 100.8 140.8

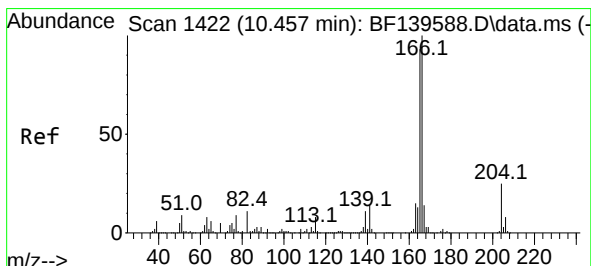
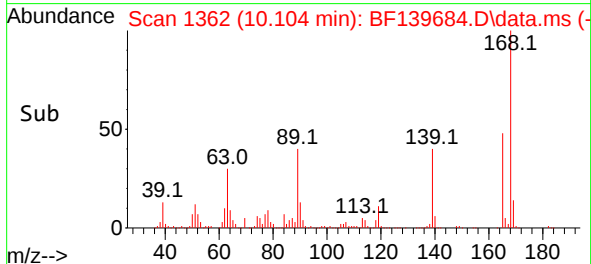
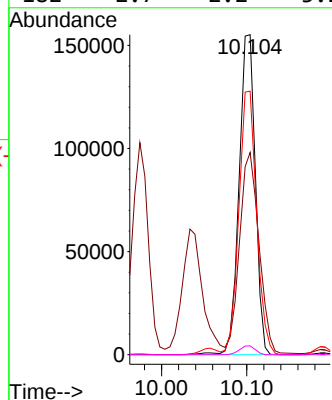
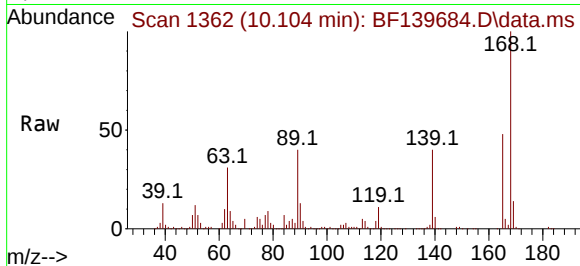




#57  
2,4-Dinitrotoluene  
Concen: 50.404 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

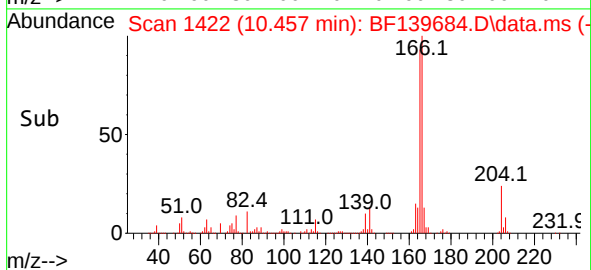
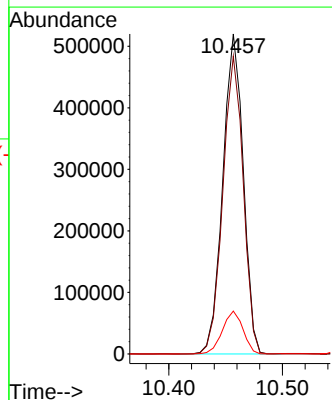
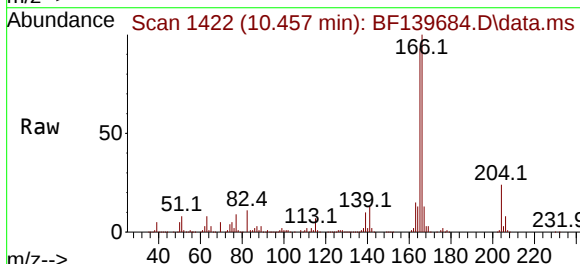
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Tgt Ion:165 Resp: 206106  
Ion Ratio Lower Upper  
165 100  
63 63.2 46.9 70.3  
89 82.4 64.4 96.6  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 47.402 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

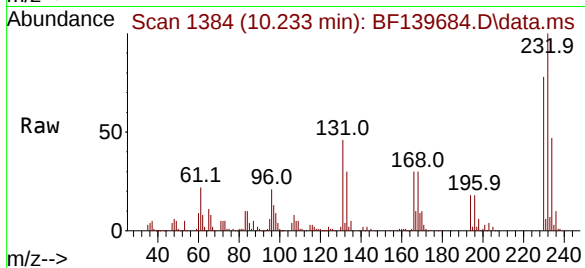
Tgt Ion:166 Resp: 650992  
Ion Ratio Lower Upper  
166 100  
165 93.1 74.4 111.6  
167 13.4 10.9 16.3



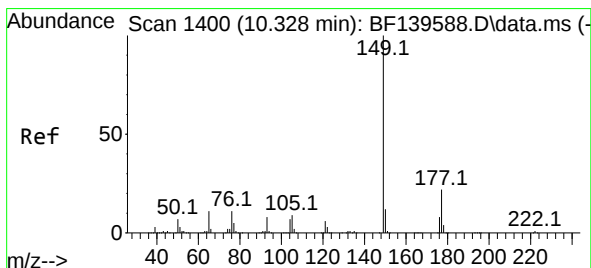
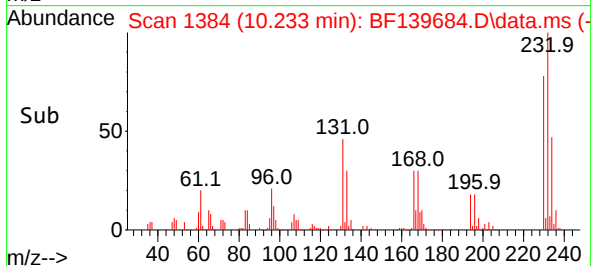
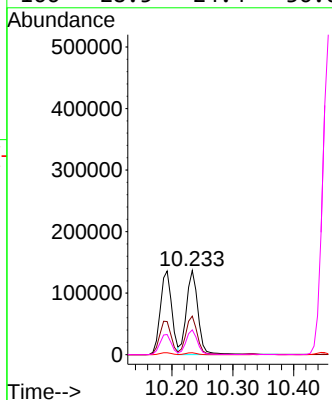


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.156 ng  
RT: 10.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

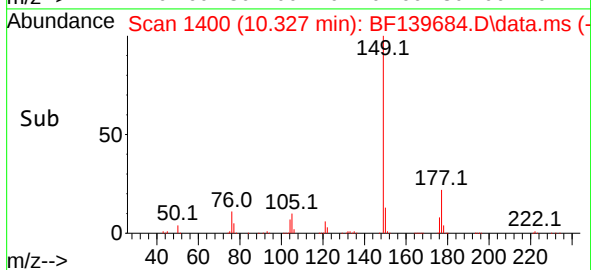
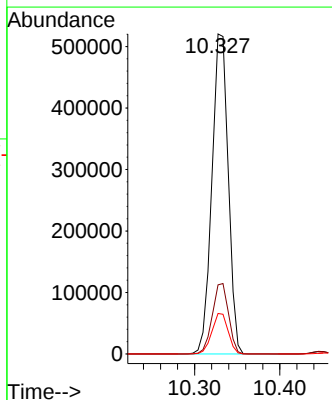
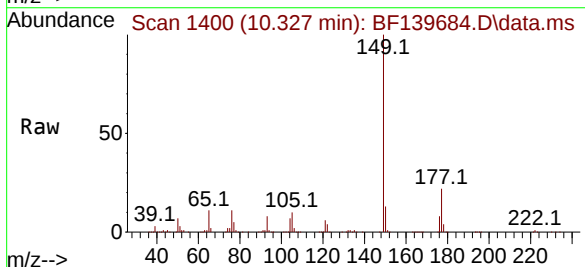


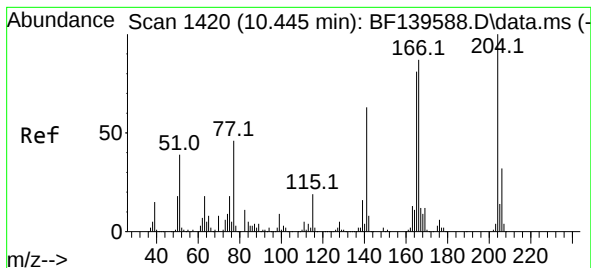
Tgt Ion:232 Resp: 179907  
Ion Ratio Lower Upper  
232 100  
131 45.5 37.8 56.6  
130 2.3 1.9 2.9  
166 28.5 24.4 36.6



#60  
Diethylphthalate  
Concen: 48.654 ng  
RT: 10.327 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:149 Resp: 695935  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.4 26.0  
150 12.7 10.0 15.0

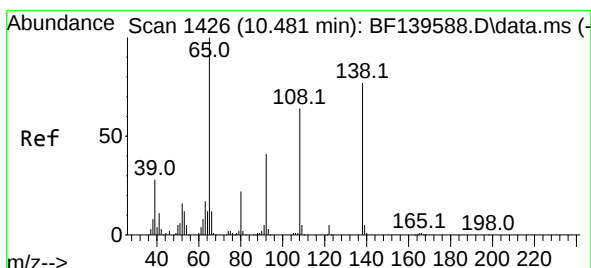
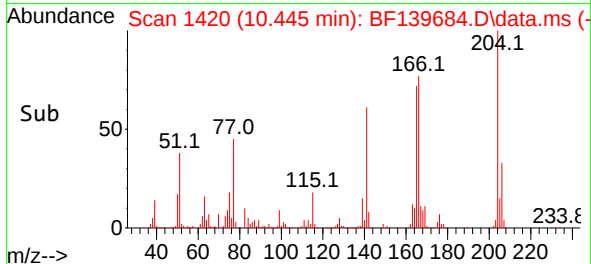
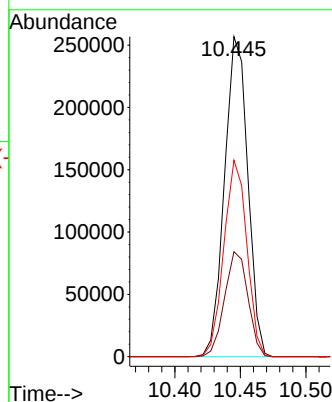
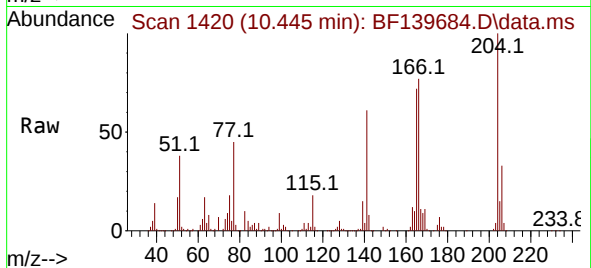




#61  
4-Chlorophenyl-phenylether  
Concen: 46.084 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

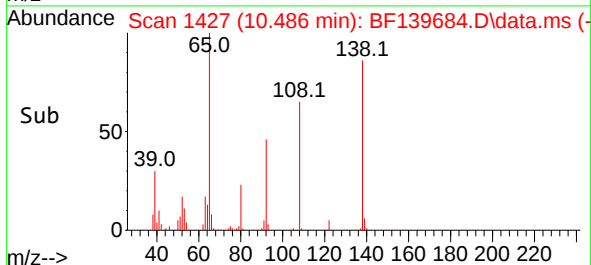
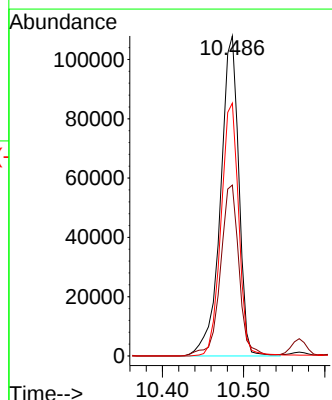
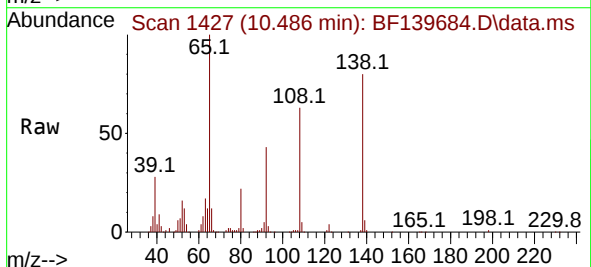
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

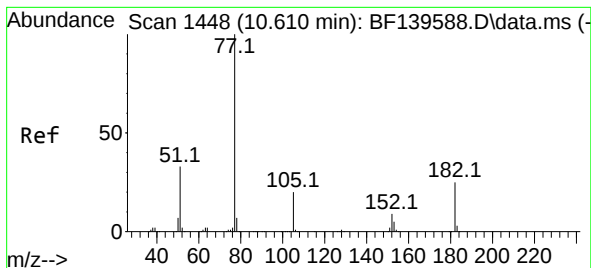
Tgt Ion:204 Resp: 316625  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.9 38.9  
141 61.4 50.5 75.7



#62  
4-Nitroaniline  
Concen: 51.832 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:138 Resp: 169491  
Ion Ratio Lower Upper  
138 100  
92 53.4 33.3 73.3  
108 79.0 62.1 102.1





#63

Azobenzene

Concen: 48.596 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

Tgt Ion: 77 Resp: 699045

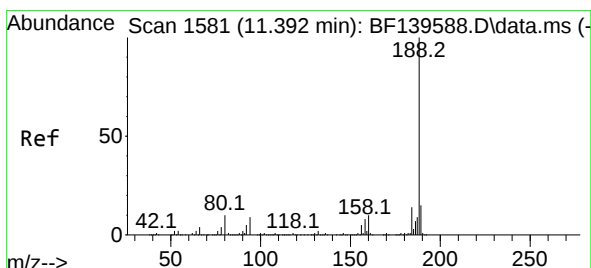
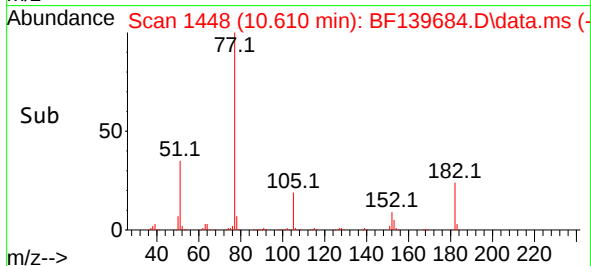
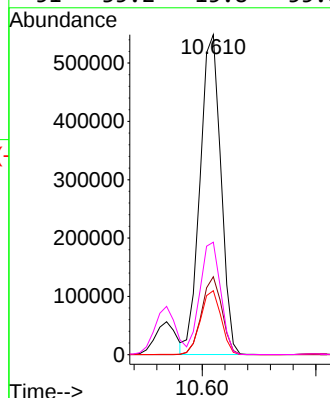
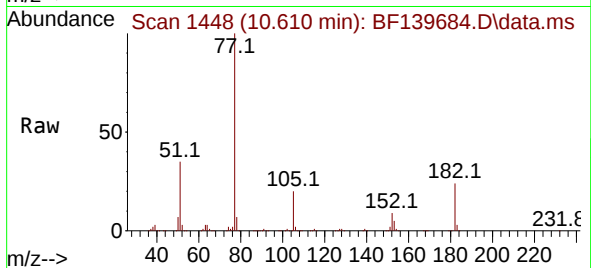
Ion Ratio Lower Upper

77 100

182 24.4 4.2 44.2

105 20.0 0.0 39.6

51 35.2 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

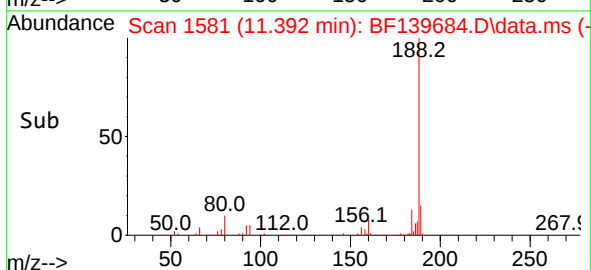
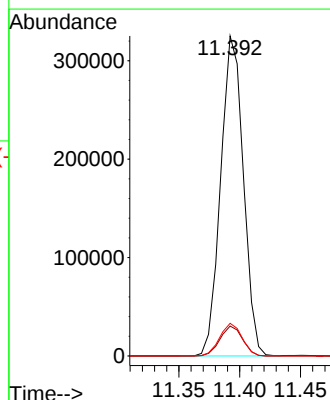
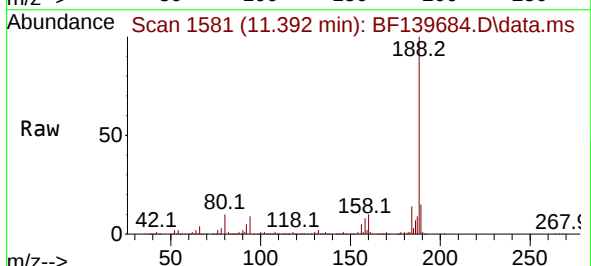
Tgt Ion: 188 Resp: 422078

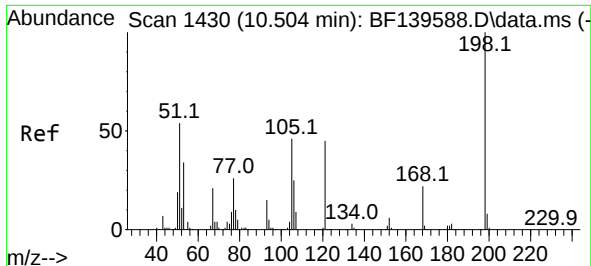
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.2 8.2 12.2

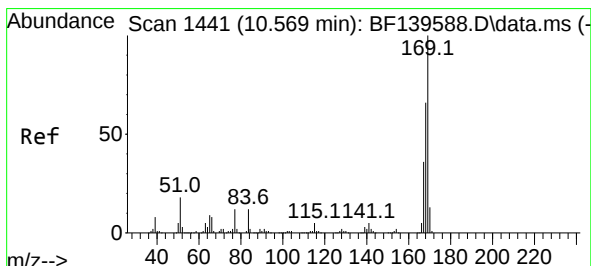
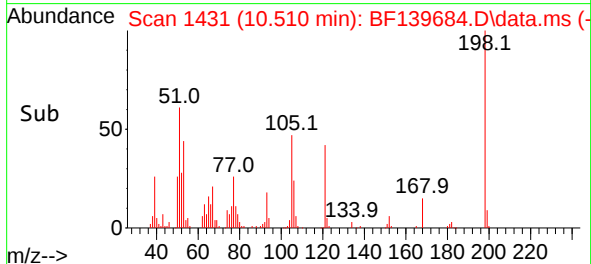
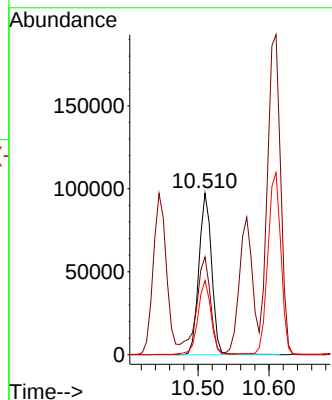
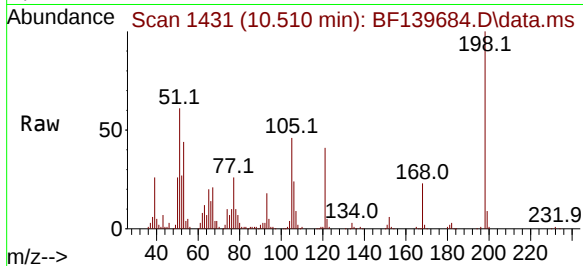




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.977 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

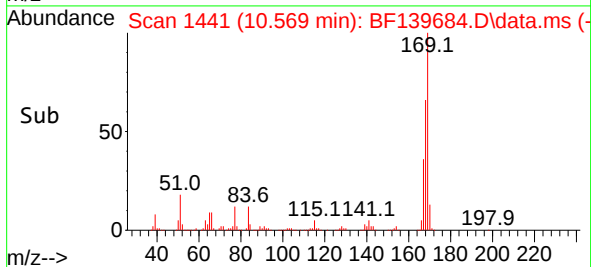
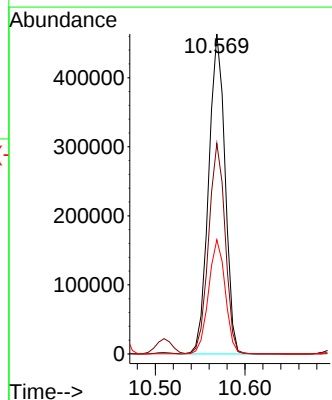
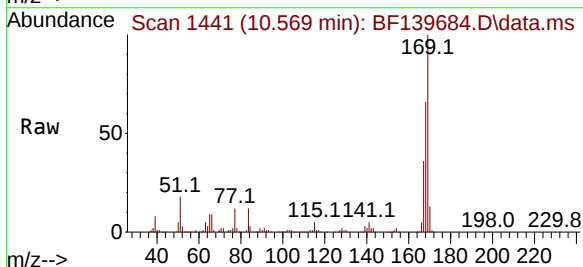
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

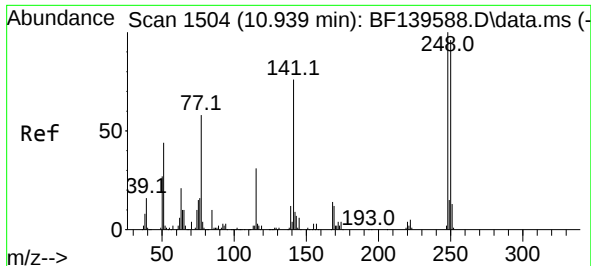
Tgt Ion:198 Resp: 121521  
Ion Ratio Lower Upper  
198 100  
51 60.5 43.0 83.0  
105 45.9 26.6 66.6



#66  
n-Nitrosodiphenylamine  
Concen: 47.241 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:169 Resp: 587738  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.2 79.8  
167 35.7 28.6 43.0

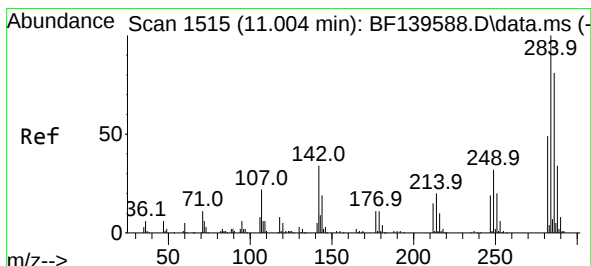
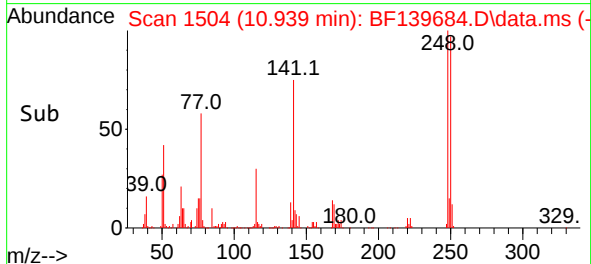
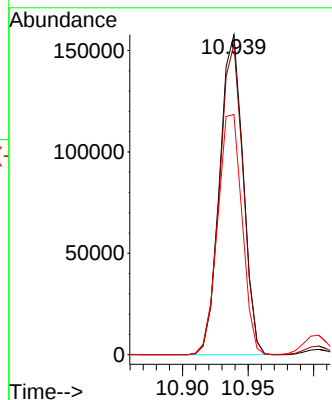
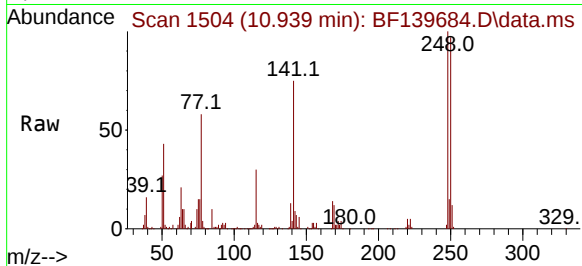




#67  
4-Bromophenyl-phenylether  
Concen: 45.366 ng  
RT: 10.939 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

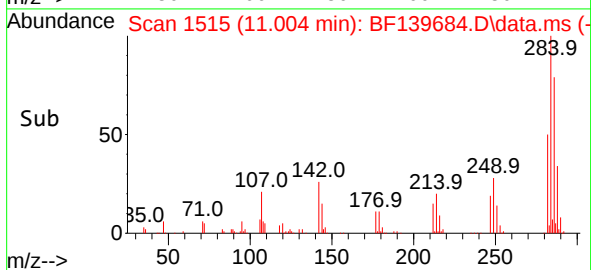
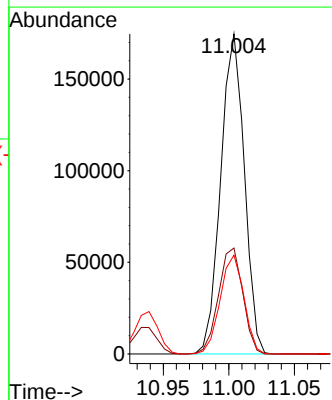
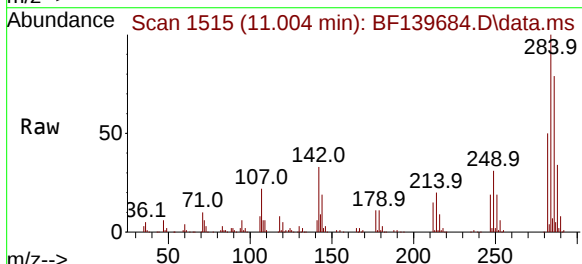
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Tgt Ion:248 Resp: 196327  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.1 115.7  
141 75.1 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 45.444 ng  
RT: 11.004 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:284 Resp: 218225  
Ion Ratio Lower Upper  
284 100  
142 33.1 26.9 40.3  
249 30.9 25.4 38.0





#69

Atrazine

Concen: 57.947 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

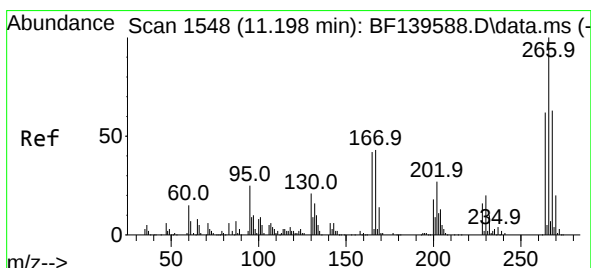
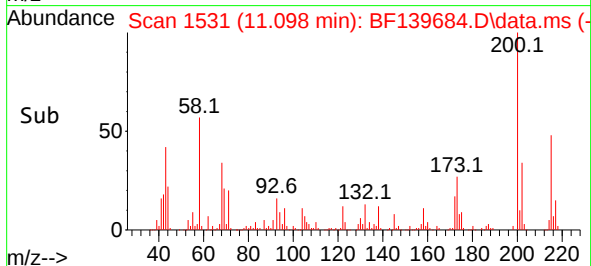
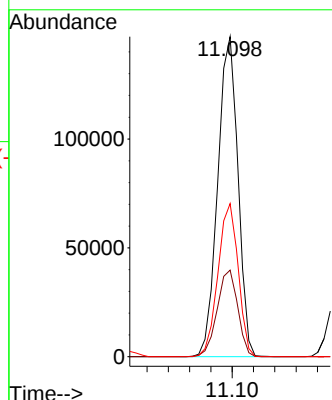
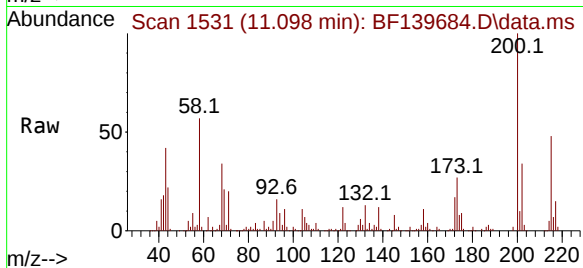
Tgt Ion:200 Resp: 193431

Ion Ratio Lower Upper

200 100

173 27.1 6.7 46.7

215 47.9 27.5 67.5



#70

Pentachlorophenol

Concen: 89.459 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

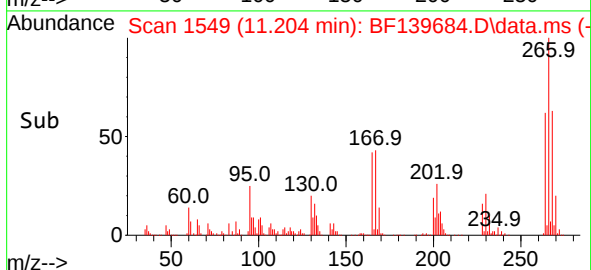
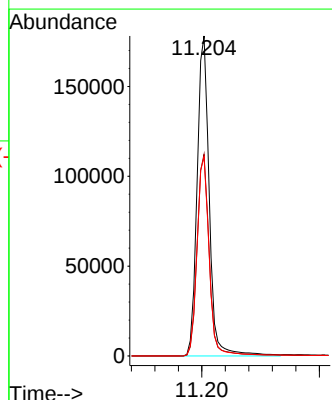
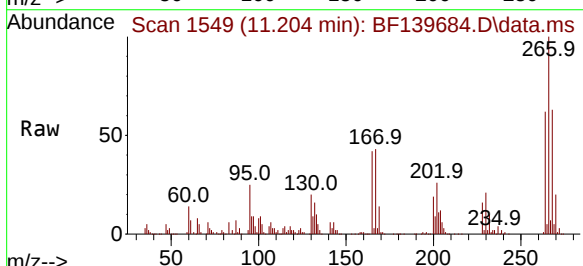
Tgt Ion:266 Resp: 255798

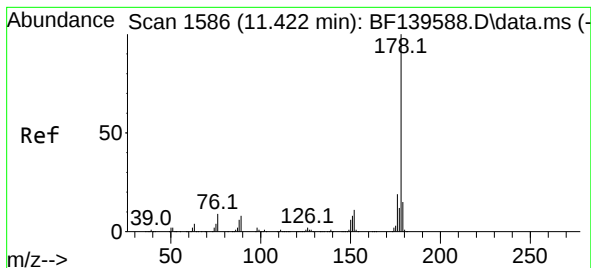
Ion Ratio Lower Upper

266 100

268 63.0 50.0 75.0

264 62.2 49.3 73.9





#71

Phenanthrene

Concen: 48.378 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.001 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

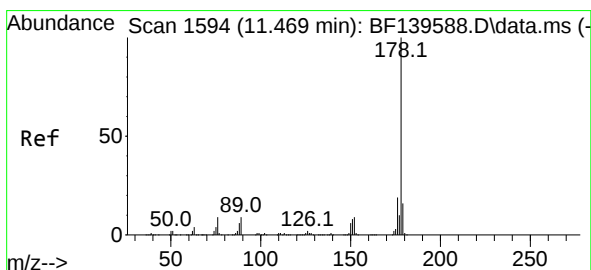
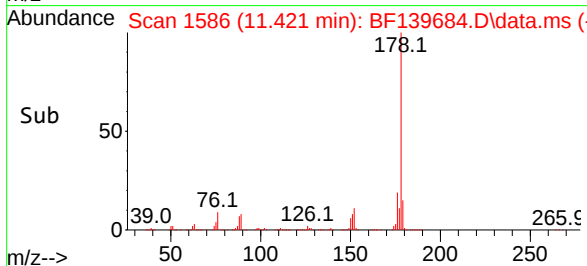
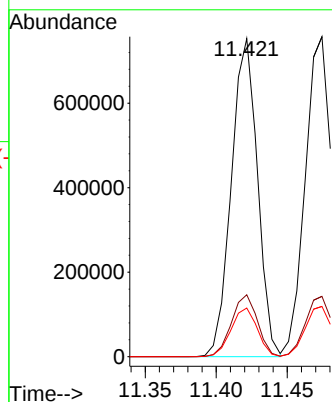
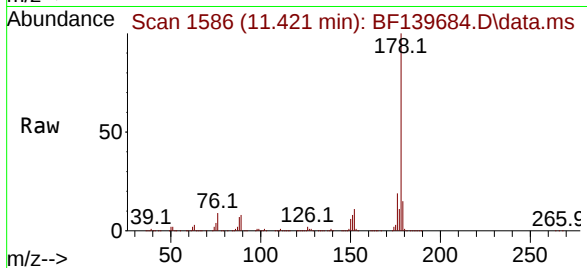
Tgt Ion:178 Resp: 962777

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.3 12.3 18.5



#72

Anthracene

Concen: 49.929 ng

RT: 11.474 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

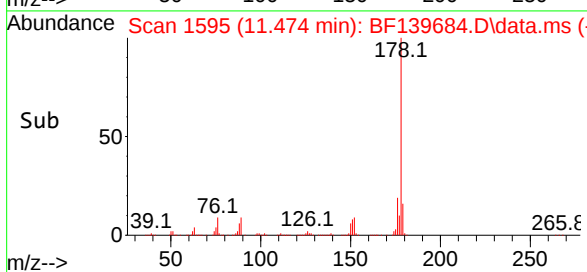
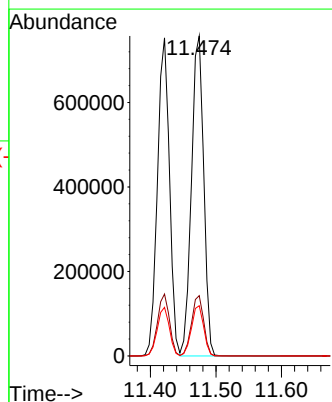
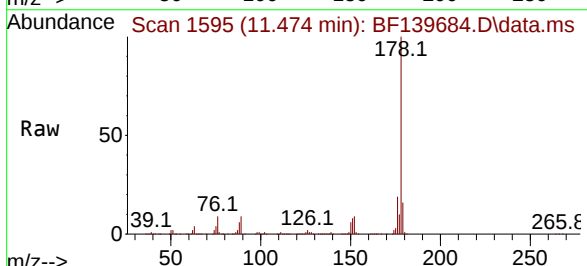
Tgt Ion:178 Resp: 983017

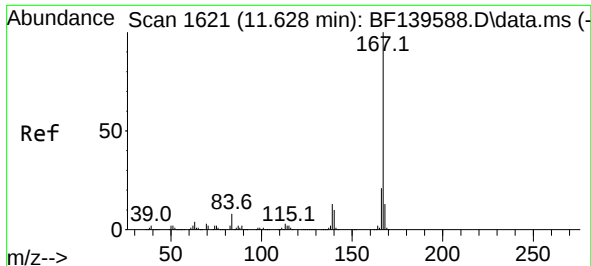
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.7 12.5 18.7

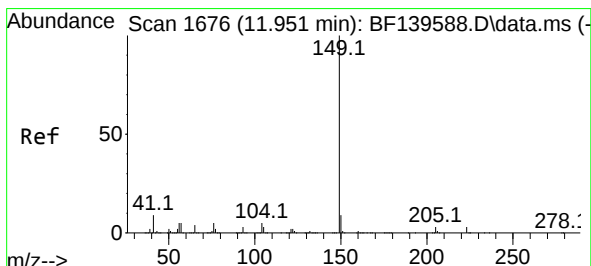
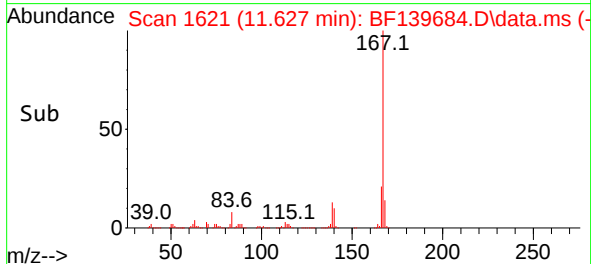
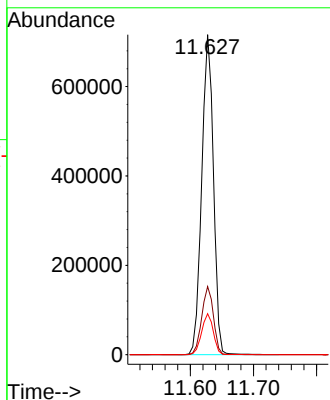
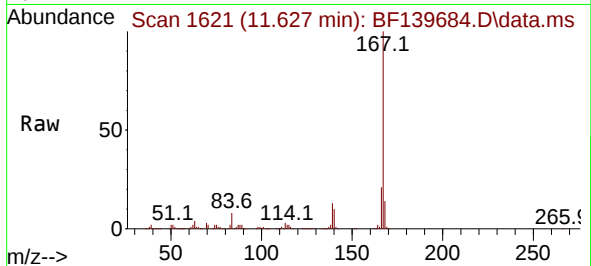




#73  
Carbazole  
Concen: 48.823 ng  
RT: 11.627 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

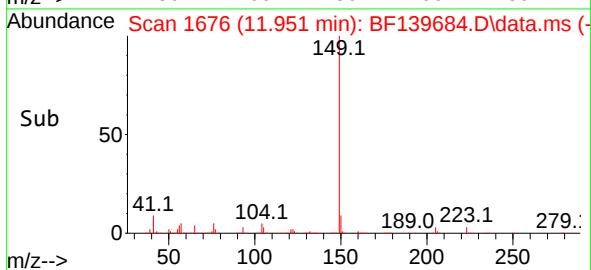
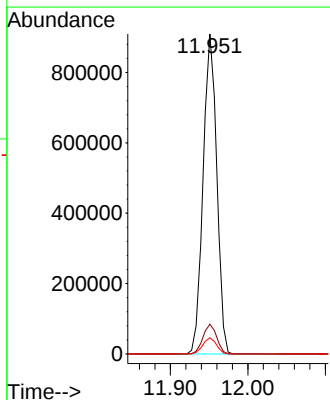
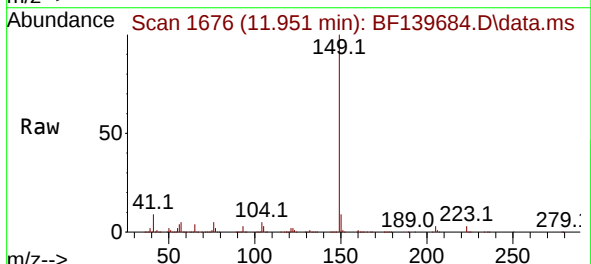
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

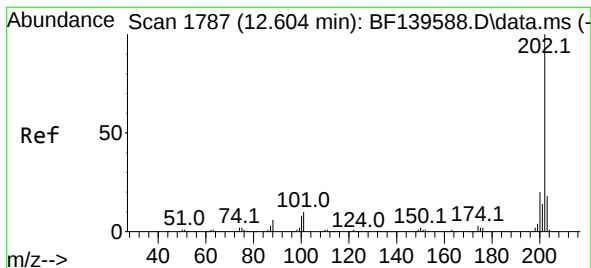
Tgt Ion:167 Resp: 923233  
Ion Ratio Lower Upper  
167 100  
166 21.3 17.2 25.8  
139 12.8 10.3 15.5



#74  
Di-n-butylphthalate  
Concen: 48.429 ng  
RT: 11.951 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:149 Resp: 1113613  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 49.024 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

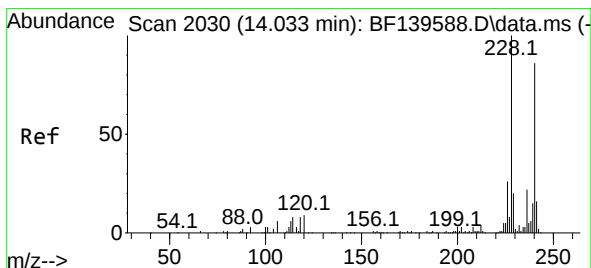
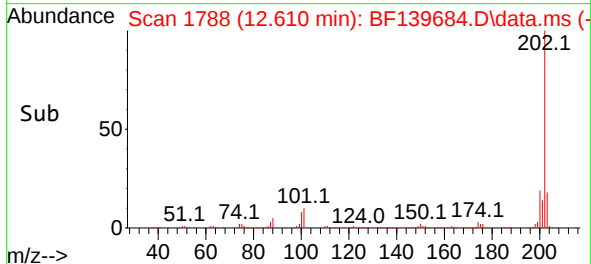
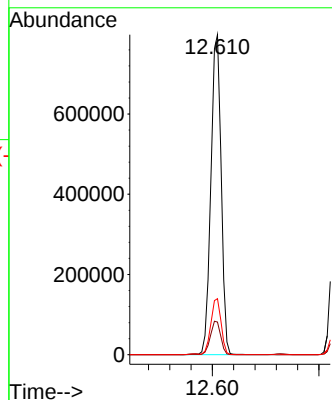
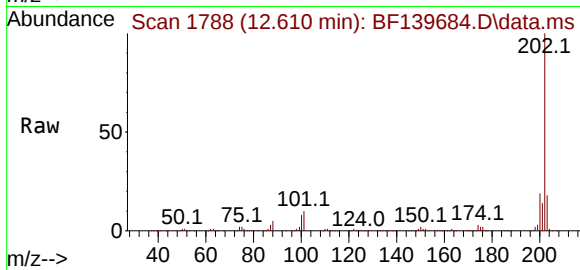
Tgt Ion:202 Resp: 1066528

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

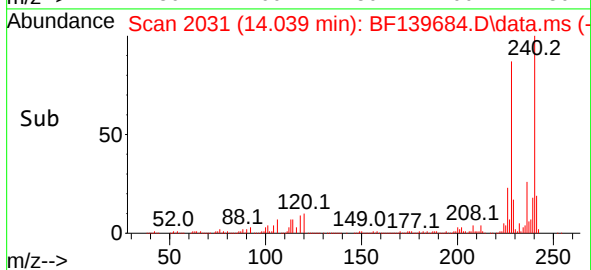
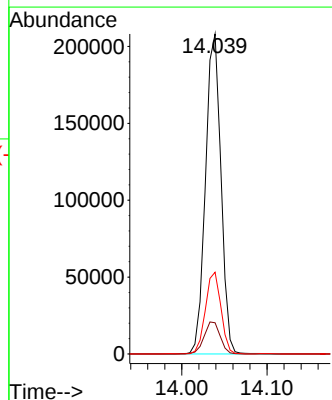
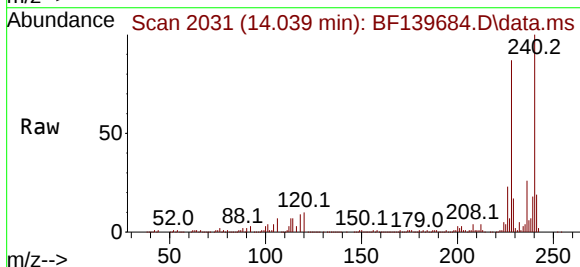
Tgt Ion:240 Resp: 262010

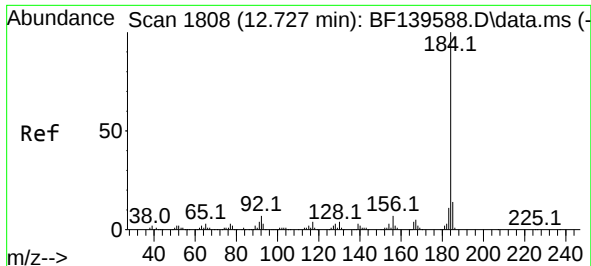
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.5 20.3 30.5

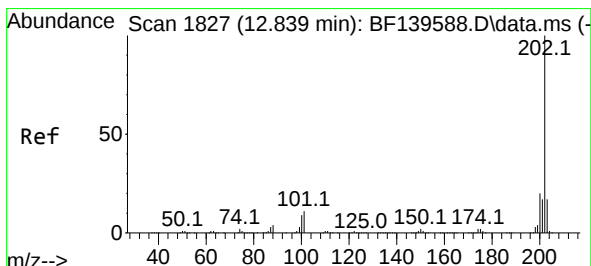
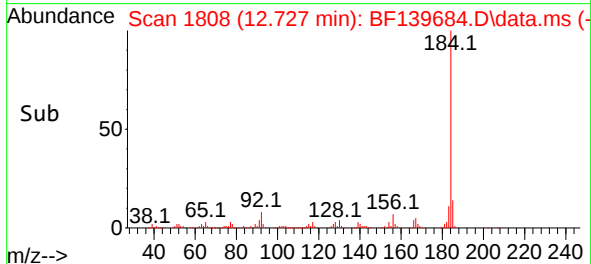
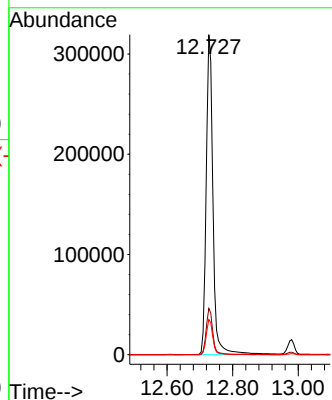
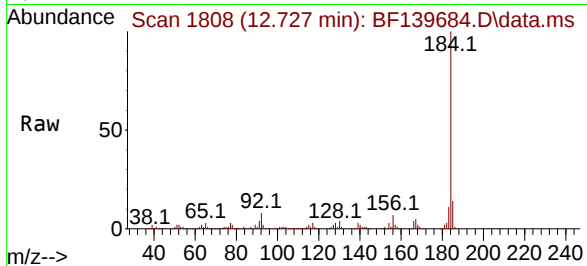




#77  
Benzidine  
Concen: 99.582 ng  
RT: 12.727 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

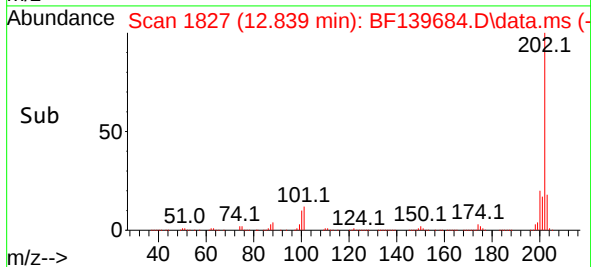
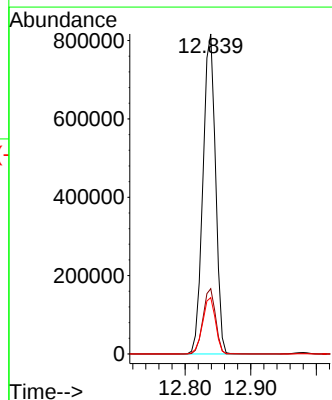
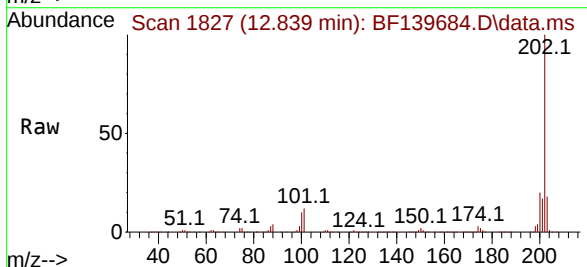
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Tgt Ion:184 Resp: 460221  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.4 17.0  
183 11.0 8.8 13.2



#78  
Pyrene  
Concen: 46.605 ng  
RT: 12.839 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:202 Resp: 1092128  
Ion Ratio Lower Upper  
202 100  
200 20.4 15.8 23.6  
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 92.899 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

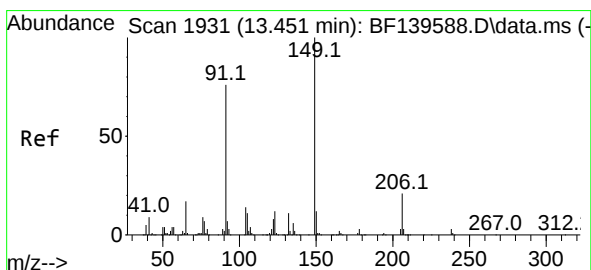
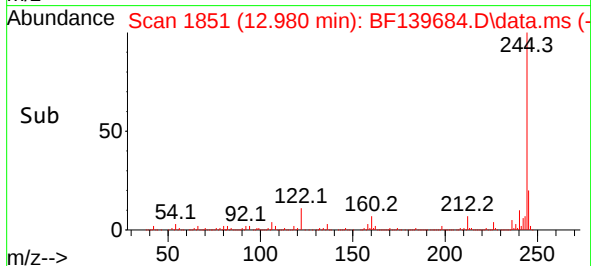
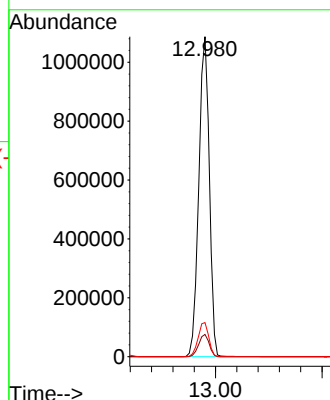
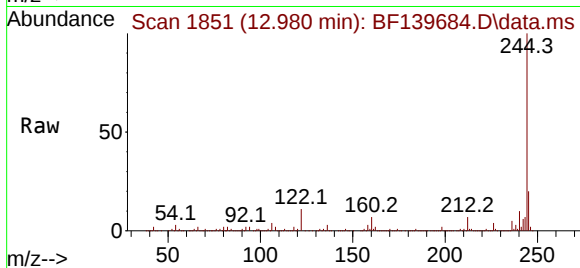
Tgt Ion:244 Resp: 1483420

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.7 8.6 12.8



#80

Butylbenzylphthalate

Concen: 52.147 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

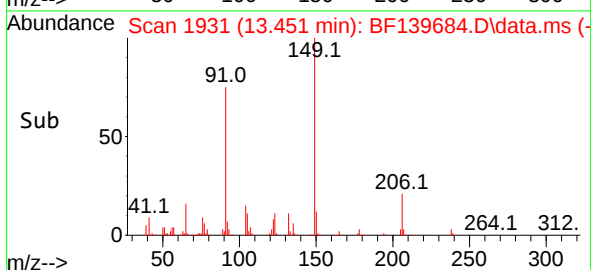
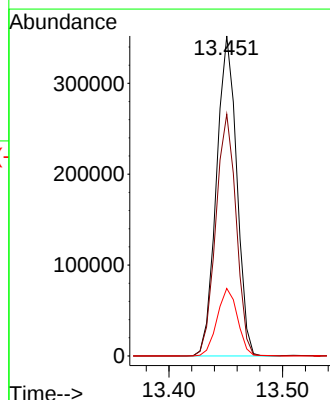
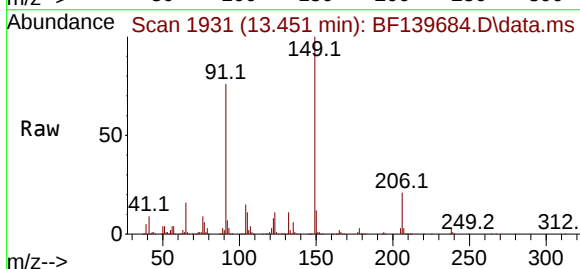
Tgt Ion:149 Resp: 437098

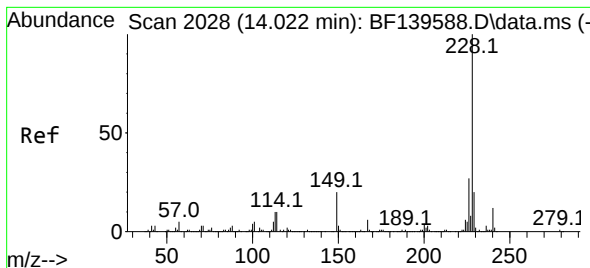
Ion Ratio Lower Upper

149 100

91 75.5 61.0 91.4

206 21.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 49.309 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

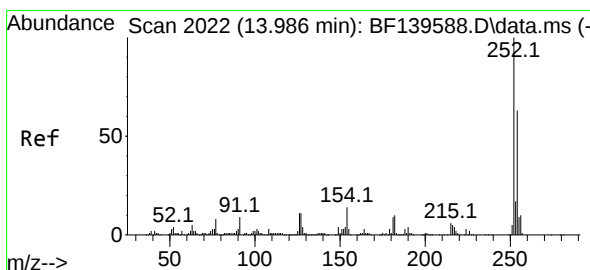
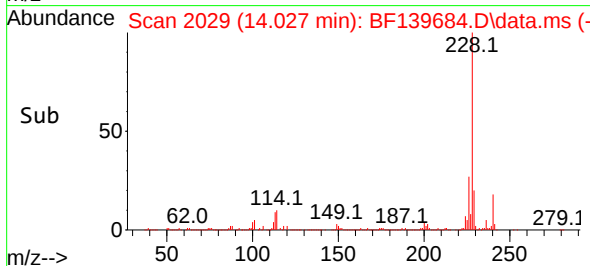
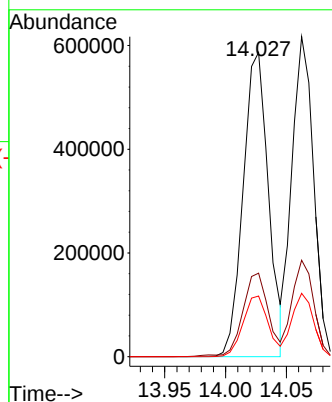
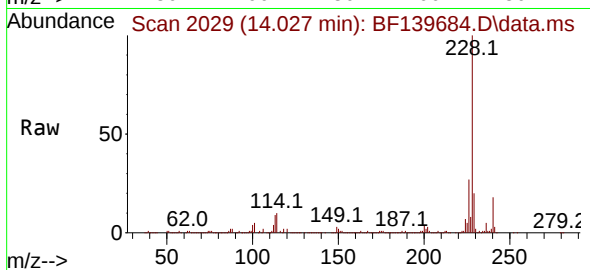
Tgt Ion:228 Resp: 849404

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.310 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

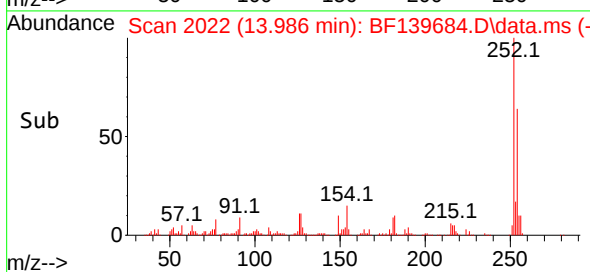
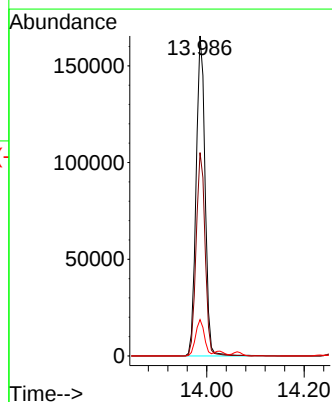
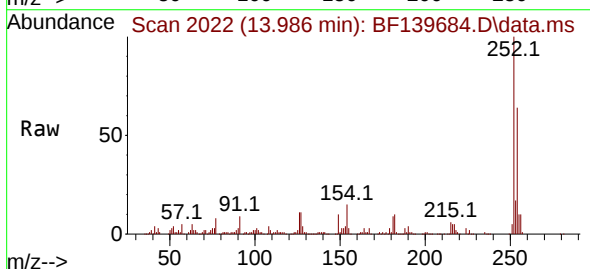
Tgt Ion:252 Resp: 212513

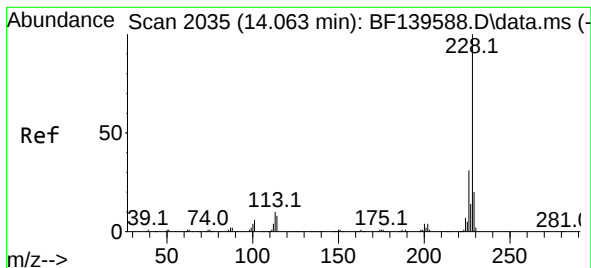
Ion Ratio Lower Upper

252 100

254 63.6 50.5 75.7

126 11.4 8.8 13.2





#83

Chrysene

Concen: 48.830 ng

RT: 14.062 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

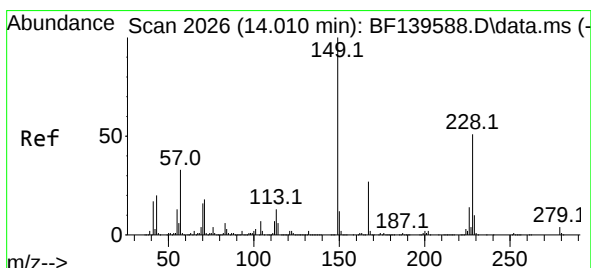
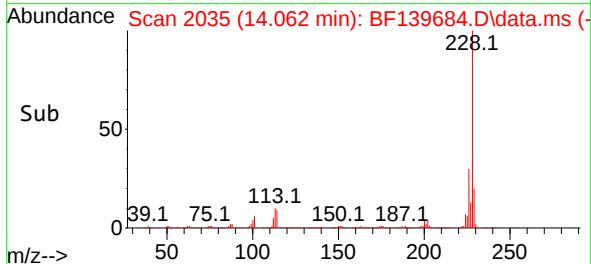
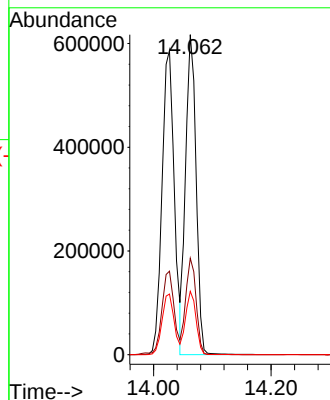
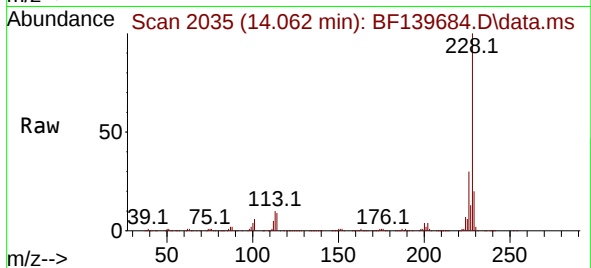
Tgt Ion:228 Resp: 769028

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.230 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

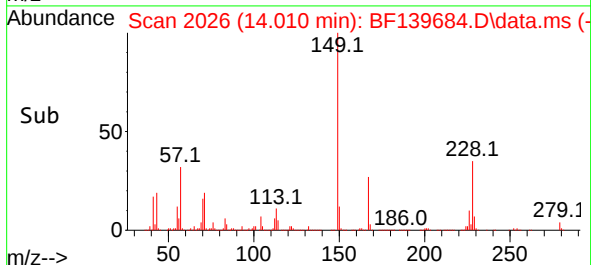
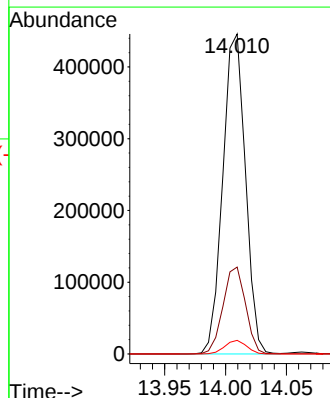
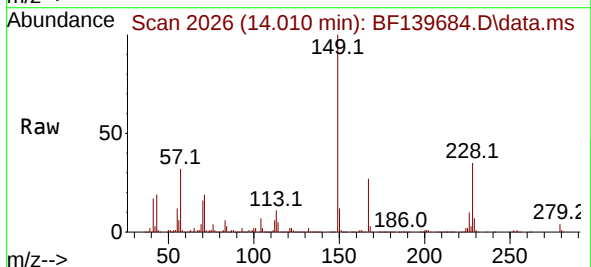
Tgt Ion:149 Resp: 578078

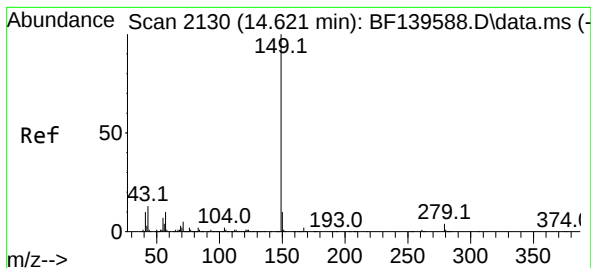
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.626 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

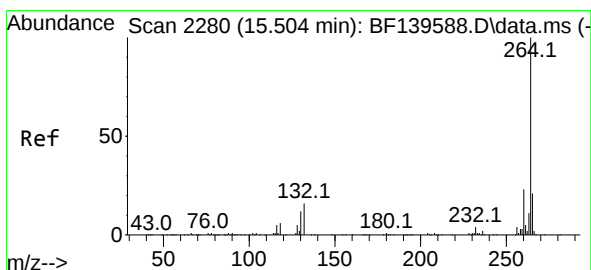
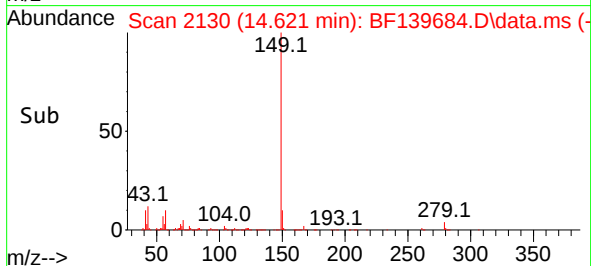
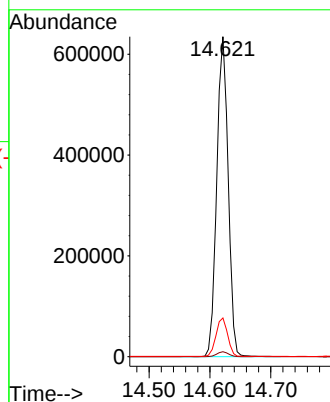
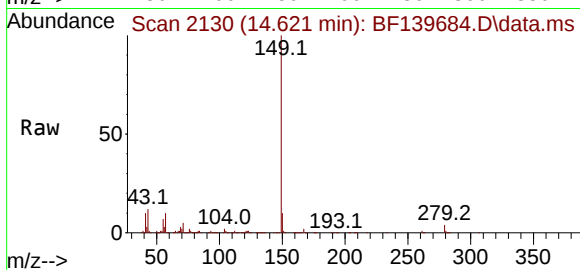
Tgt Ion:149 Resp: 824602

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.2 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

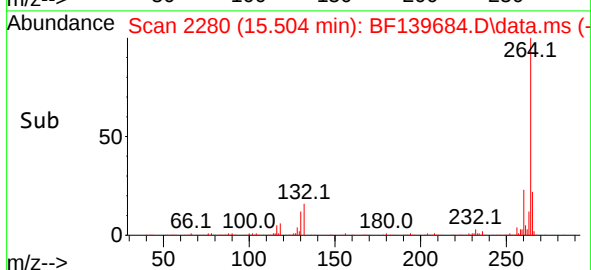
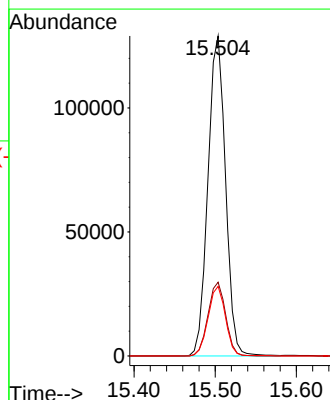
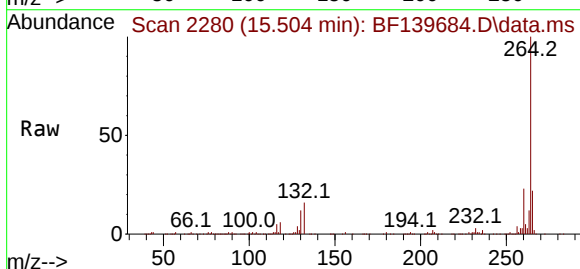
Tgt Ion:264 Resp: 193748

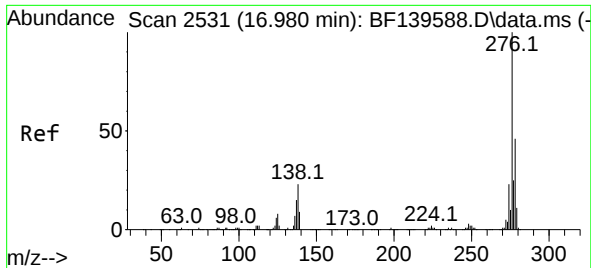
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.8 16.9 25.3

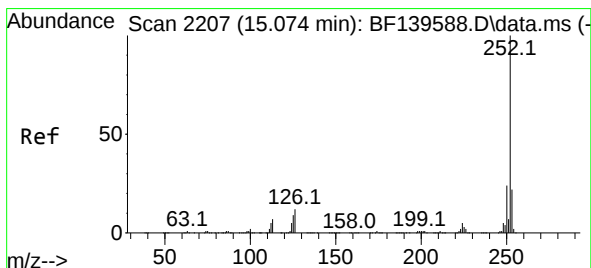
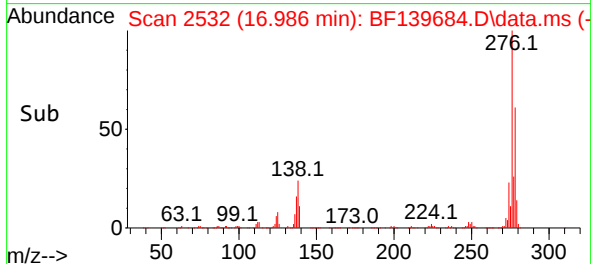
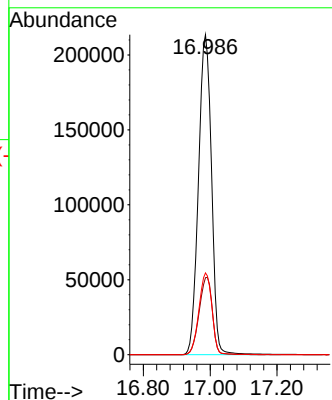
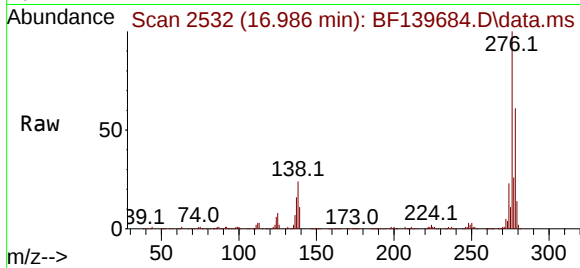




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.621 ng  
RT: 16.986 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

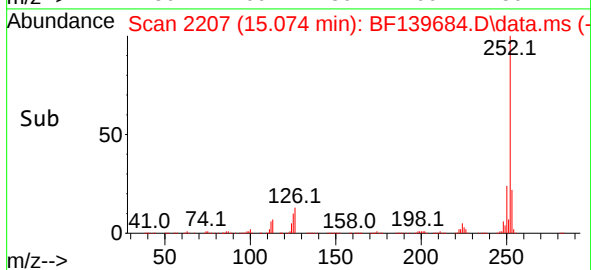
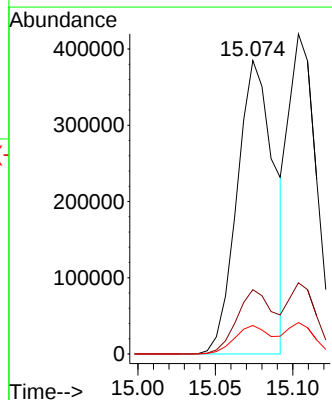
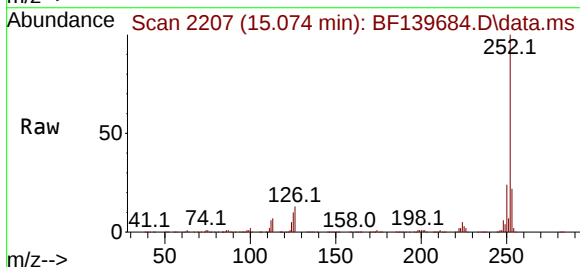
Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

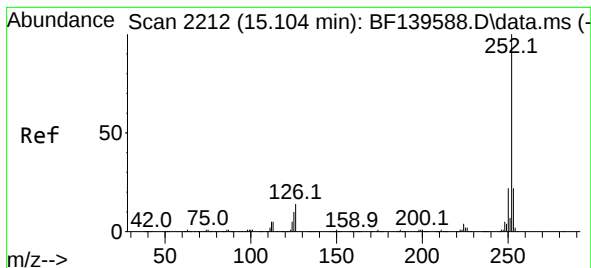
Tgt Ion:276 Resp: 577261  
Ion Ratio Lower Upper  
276 100  
138 24.4 19.4 29.0  
277 25.5 20.2 30.2



#88  
Benzo(b)fluoranthene  
Concen: 51.080 ng  
RT: 15.074 min Scan# 2207  
Delta R.T. -0.000 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:252 Resp: 639903  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.245 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

Instrument :

BNA\_F

ClientSampleId :

PB163870BS

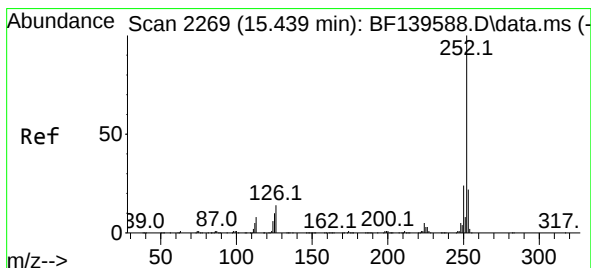
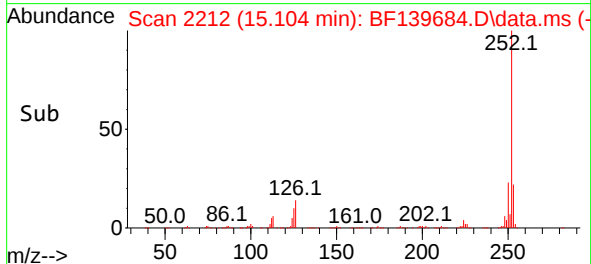
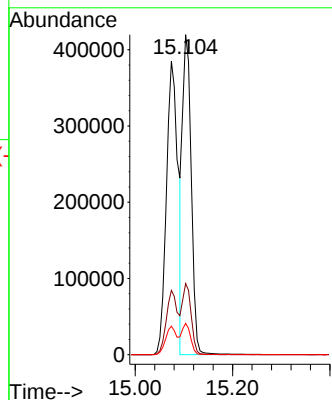
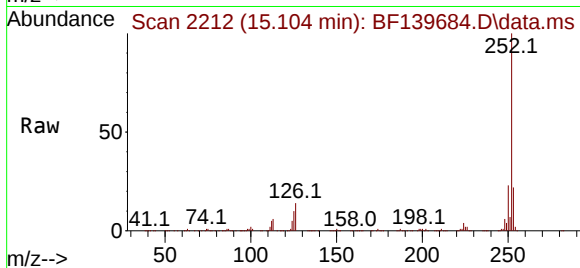
Tgt Ion:252 Resp: 523311

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.8 7.6 11.4



#90

Benzo(a)pyrene

Concen: 52.940 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139684.D

Acq: 07 Oct 2024 14:06

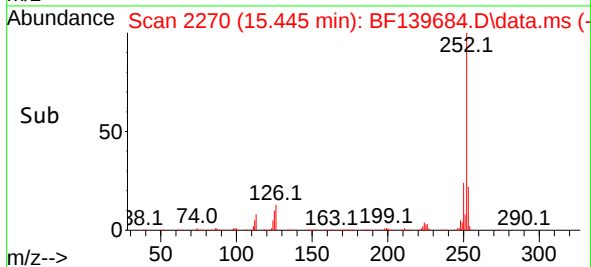
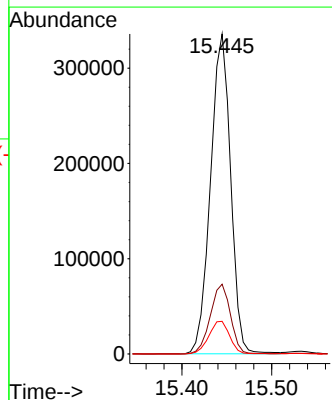
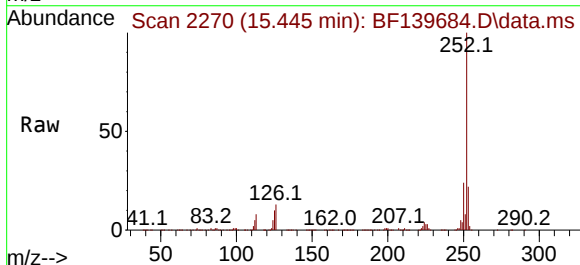
Tgt Ion:252 Resp: 522929

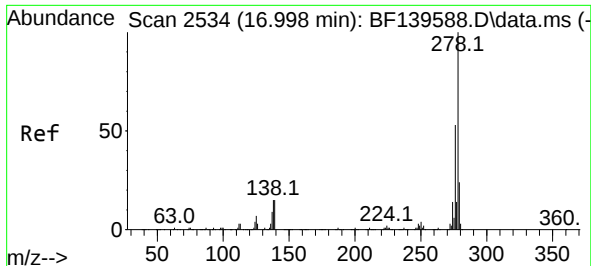
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.2 8.3 12.5

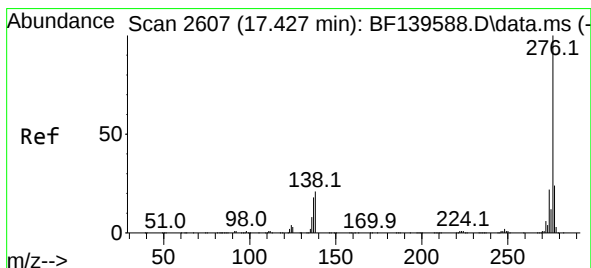
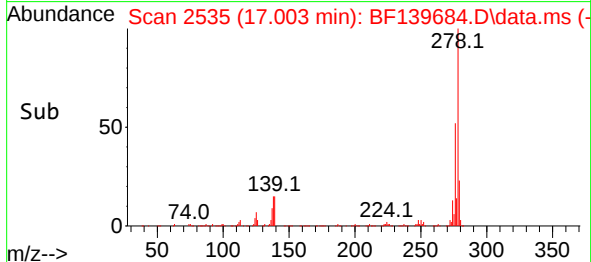
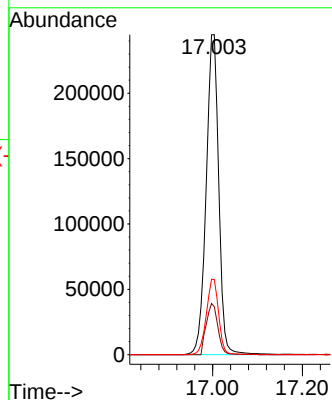
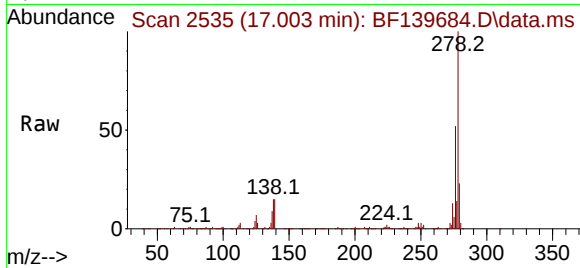




#91  
Dibenzo(a,h)anthracene  
Concen: 50.368 ng  
RT: 17.003 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB163870BS

Tgt Ion:278 Resp: 476396  
Ion Ratio Lower Upper  
278 100  
139 15.0 12.2 18.4  
279 23.5 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 46.469 ng  
RT: 17.433 min Scan# 2608  
Delta R.T. 0.006 min  
Lab File: BF139684.D  
Acq: 07 Oct 2024 14:06

Tgt Ion:276 Resp: 440789  
Ion Ratio Lower Upper  
276 100  
277 23.2 19.0 28.6  
138 20.5 17.0 25.6

