

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF073024\  
 Data File : BF138688.D  
 Acq On : 30 Jul 2024 17:55  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF073024

Quant Time: Jul 30 18:15:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 81804    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 316107   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.881  | 164  | 164062   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 252048   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 134464   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 171097   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 414257   | 78.171 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 551968   | 77.578 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 519984   | 80.424 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.675 | 330  | 104018   | 77.401 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 857165   | 78.500 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 589459   | 73.396 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.581  | 88   | 92359    | 39.808 | ng    | 99       |
| 3) Pyridine                   | 3.340  | 79   | 227413   | 40.463 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.299  | 42   | 131855   | 39.391 | ng    | 100      |
| 6) Aniline                    | 6.510  | 93   | 255062   | 40.197 | ng    | 90       |
| 8) 2-Chlorophenol             | 6.634  | 128  | 216863   | 38.895 | ng    | 98       |
| 9) Benzaldehyde               | 6.398  | 77   | 161636   | 37.898 | ng    | 99       |
| 10) Phenol                    | 6.498  | 94   | 286738   | 38.277 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 221556   | 38.433 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 241485   | 38.692 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 243549   | 38.668 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 226577   | 38.492 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.992  | 79   | 200599   | 39.118 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 378258   | 38.127 | ng    | 99       |
| 17) 2-Methylphenol            | 7.104  | 107  | 177941   | 38.649 | ng    | 98       |
| 18) Hexachloroethane          | 7.357  | 117  | 93375    | 39.384 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 160901   | 37.442 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 221138   | 37.436 | ng    | 97       |
| 22) Acetophenone              | 7.257  | 105  | 302593   | 39.095 | ng    | 99       |
| 24) Nitrobenzene              | 7.434  | 77   | 262386   | 39.882 | ng    | 97       |
| 25) Isophorone                | 7.669  | 82   | 433596   | 39.275 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.745  | 139  | 115113   | 40.668 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.787  | 122  | 136249   | 40.231 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 265943   | 39.557 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.992  | 162  | 176541   | 40.567 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 199132   | 39.651 | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 652780   | 39.232 | ng    | 100      |
| 32) Benzoic acid              | 7.916  | 122  | 110429   | 41.481 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 223787   | 40.067 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 124022   | 40.772 | ng    | 99       |
| 35) Caprolactam               | 8.575  | 113  | 49818    | 38.365 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 194782   | 39.164 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 408106   | 38.836 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 398155   | 38.666 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 184821   | 40.554 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.986  | 237  | 46660    | 42.278 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 112217   | 40.384 | ng    | 99       |

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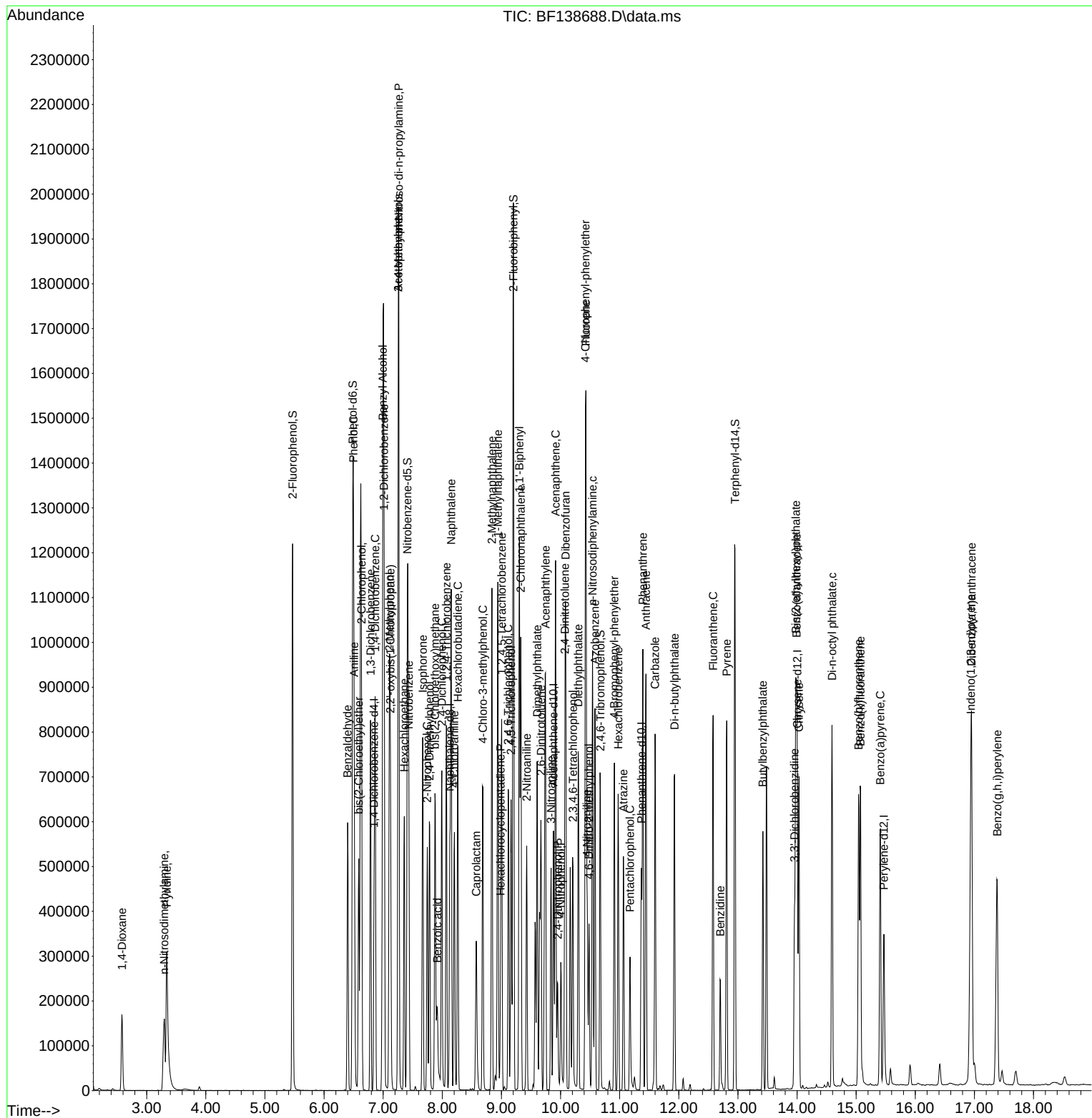
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 124581   | 41.011 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 515966   | 40.156 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.328  | 162  | 381923   | 39.966 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 127985   | 39.505 | ng    | 99       |
| 49) Acenaphthylene            | 9.745  | 152  | 535427   | 39.504 | ng    | 99       |
| 50) Dimethylphthalate         | 9.604  | 163  | 403438   | 38.458 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 94451    | 39.895 | ng    | 98       |
| 52) Acenaphthene              | 9.916  | 154  | 359484   | 39.456 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.839  | 138  | 93752    | 38.306 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.951  | 184  | 42619    | 39.106 | ng    | 97       |
| 55) Dibenzofuran              | 10.086 | 168  | 501545   | 38.997 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.004 | 139  | 57893    | 39.336 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 116813   | 38.673 | ng    | 97       |
| 58) Fluorene                  | 10.428 | 166  | 395954   | 38.661 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 89831    | 38.680 | ng    | 97       |
| 60) Diethylphthalate          | 10.298 | 149  | 382418   | 38.447 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 196905   | 39.091 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.451 | 138  | 89602    | 38.525 | ng    | 99       |
| 63) Azobenzene                | 10.580 | 77   | 426075   | 38.622 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.480 | 198  | 63542    | 41.323 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.539 | 169  | 319562   | 40.561 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 110219   | 40.390 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.975 | 284  | 113117   | 40.147 | ng    | 99       |
| 69) Atrazine                  | 11.063 | 200  | 80604    | 39.654 | ng    | 98       |
| 70) Pentachlorophenol         | 11.175 | 266  | 51801    | 40.788 | ng    | 96       |
| 71) Phenanthrene              | 11.392 | 178  | 506626   | 39.036 | ng    | 100      |
| 72) Anthracene                | 11.445 | 178  | 496297   | 38.817 | ng    | 99       |
| 73) Carbazole                 | 11.598 | 167  | 425187   | 38.546 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 496140   | 40.010 | ng    | 100      |
| 75) Fluoranthene              | 12.580 | 202  | 463445   | 38.250 | ng    | 100      |
| 77) Benzidine                 | 12.704 | 184  | 132396   | 41.166 | ng    | 98       |
| 78) Pyrene                    | 12.810 | 202  | 467254   | 36.907 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 171996   | 42.425 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.992 | 228  | 379585   | 40.994 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.957 | 252  | 104638   | 44.160 | ng    | 100      |
| 83) Chrysene                  | 14.033 | 228  | 328373   | 39.308 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 266678   | 44.921 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 485296   | 44.183 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 483878   | 39.463 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.039 | 252  | 404868   | 38.172 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.074 | 252  | 352910   | 38.430 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.410 | 252  | 356148   | 39.920 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.951 | 278  | 393430   | 39.089 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.386 | 276  | 412115   | 39.457 | ng    | 98       |

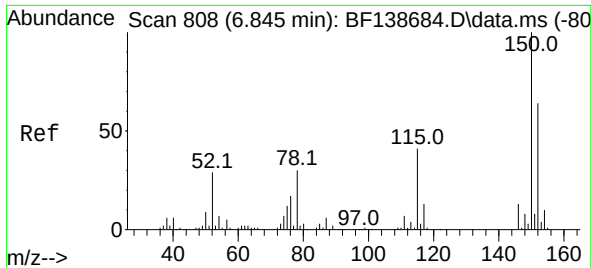
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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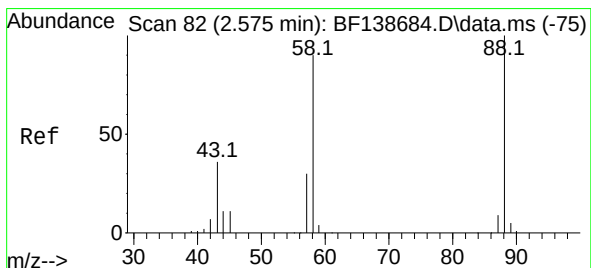
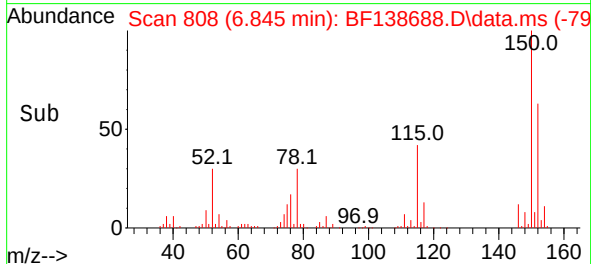
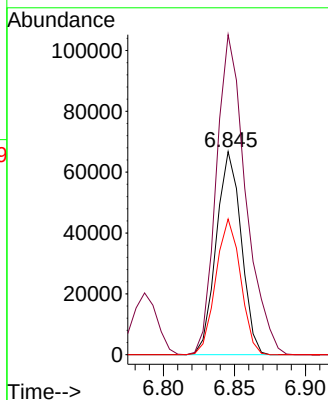
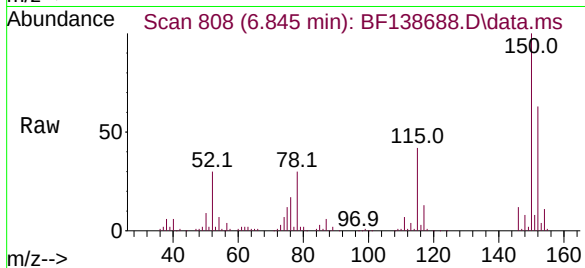




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

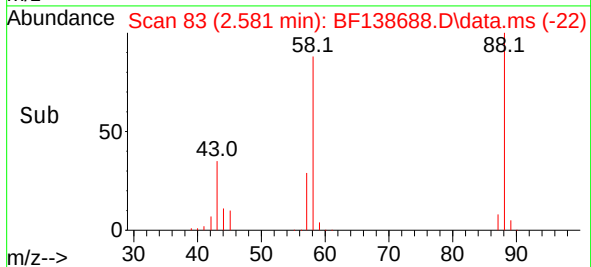
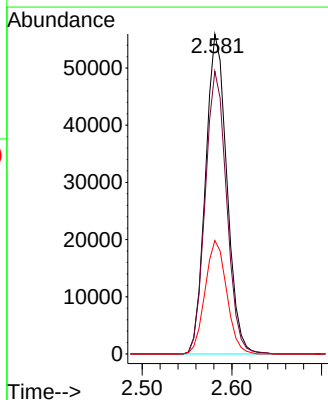
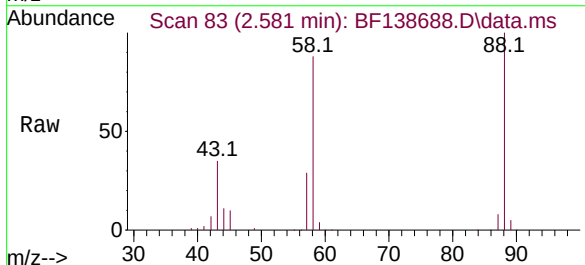
Instrument :  
BNA\_F  
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ICVBF073024

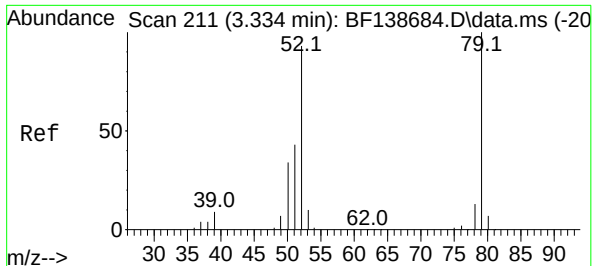
Tgt Ion:152 Resp: 81804  
Ion Ratio Lower Upper  
152 100  
150 157.6 126.0 189.0  
115 66.8 51.7 77.5



#2  
1,4-Dioxane  
Concen: 39.808 ng  
RT: 2.581 min Scan# 83  
Delta R.T. 0.006 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion: 88 Resp: 92359  
Ion Ratio Lower Upper  
88 100  
58 88.5 71.6 107.4  
43 35.9 28.7 43.1





#3

Pyridine

Concen: 40.463 ng

RT: 3.340 min Scan# 211

Delta R.T. 0.006 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

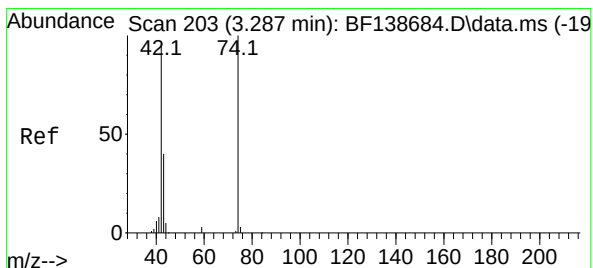
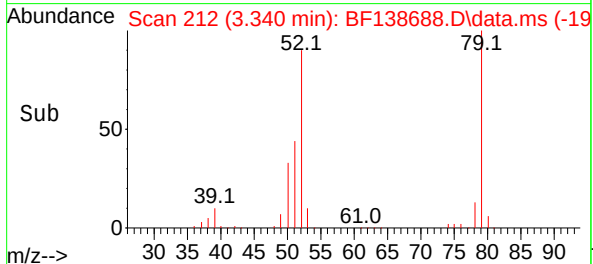
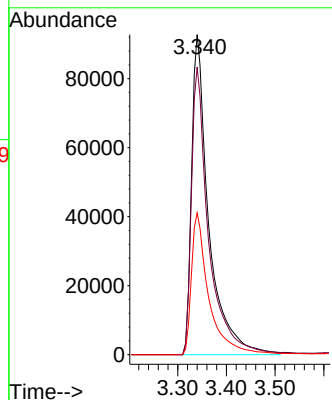
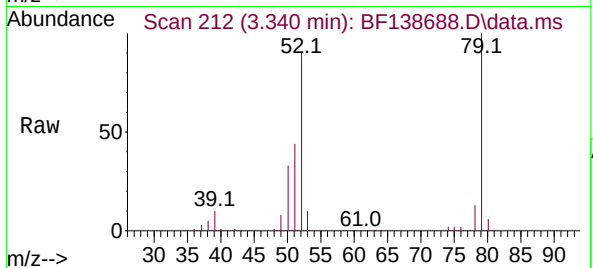
Tgt Ion: 79 Resp: 227413

Ion Ratio Lower Upper

79 100

52 89.9 74.7 112.1

51 44.3 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 39.391 ng

RT: 3.299 min Scan# 205

Delta R.T. 0.012 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

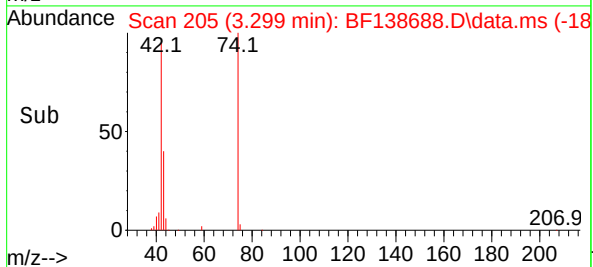
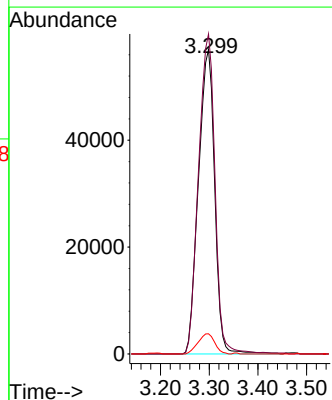
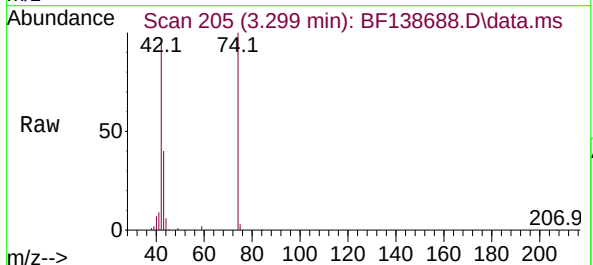
Tgt Ion: 42 Resp: 131855

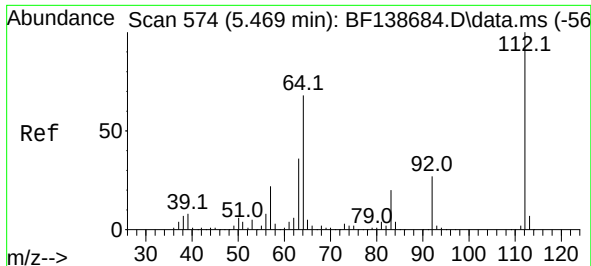
Ion Ratio Lower Upper

42 100

74 105.1 84.2 126.4

44 6.6 4.9 7.3

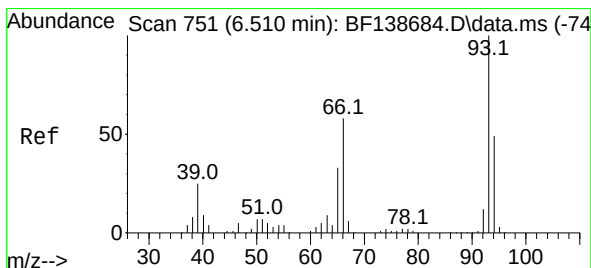
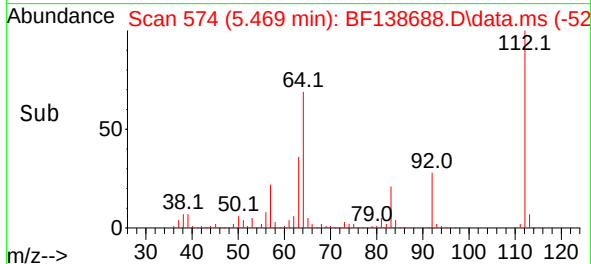
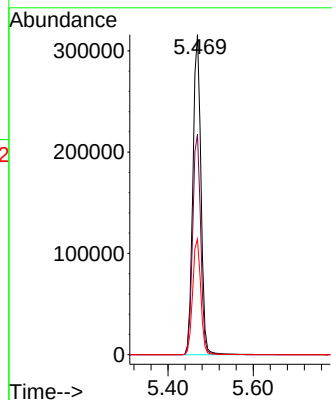
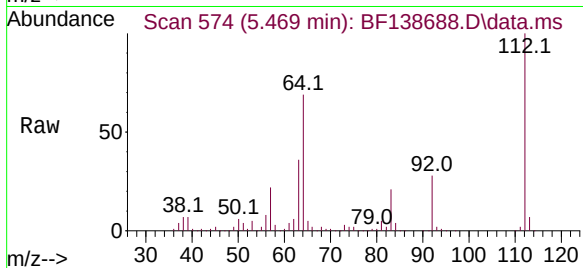




#5  
2-Fluorophenol  
Concen: 78.171 ng  
RT: 5.469 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

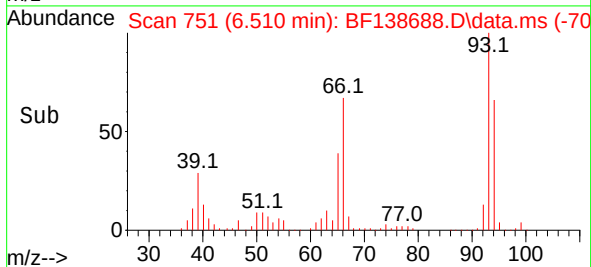
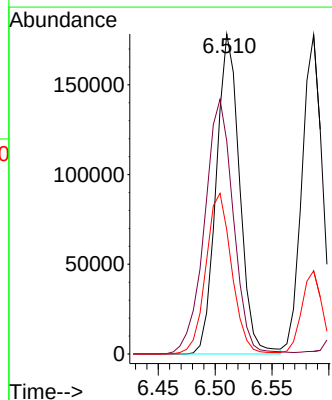
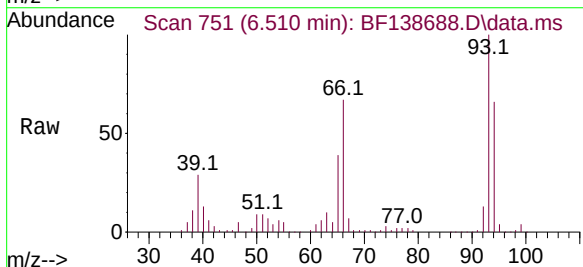
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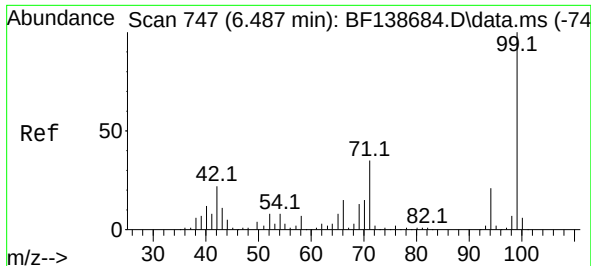
Tgt Ion:112 Resp: 414257  
Ion Ratio Lower Upper  
112 100  
64 68.9 54.2 81.4  
63 36.1 28.7 43.1



#6  
Aniline  
Concen: 40.197 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion: 93 Resp: 255062  
Ion Ratio Lower Upper  
93 100  
66 66.5 46.9 70.3  
65 38.7 26.5 39.7





#7

Phenol-d6

Concen: 77.578 ng

RT: 6.487 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

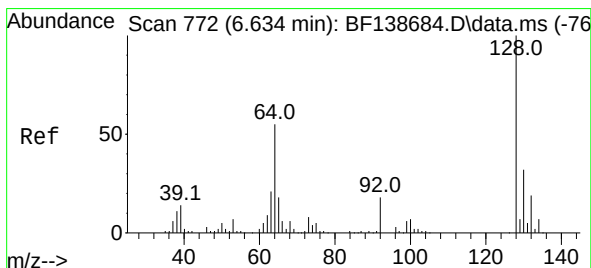
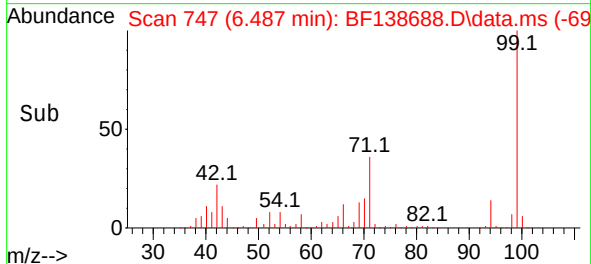
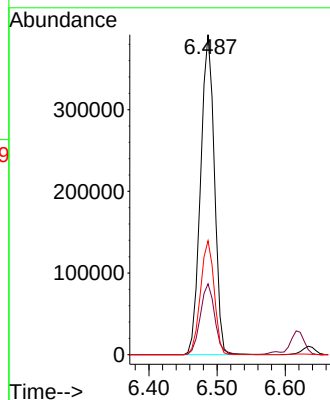
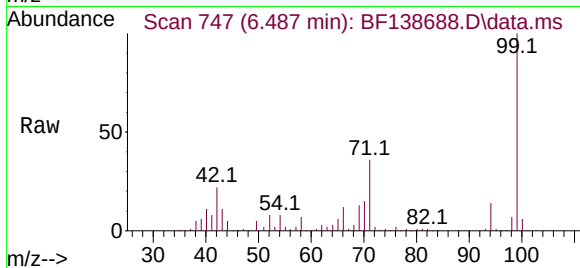
Tgt Ion: 99 Resp: 551968

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

71 35.6 28.1 42.1



#8

2-Chlorophenol

Concen: 38.895 ng

RT: 6.634 min Scan# 772

Delta R.T. 0.000 min

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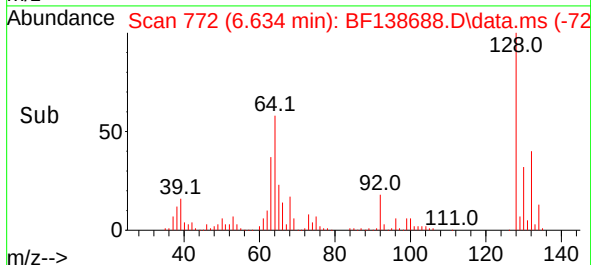
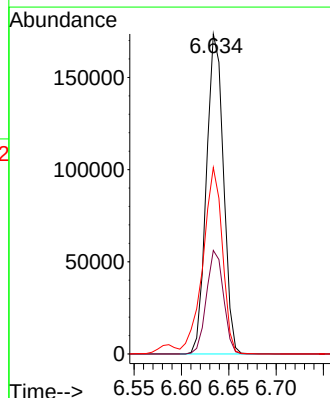
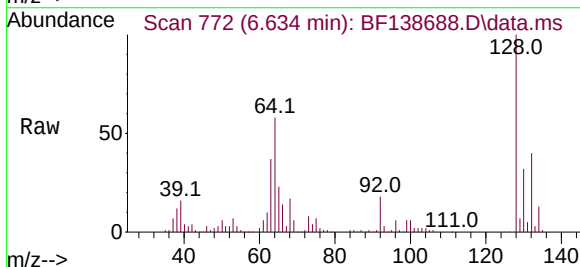
Tgt Ion:128 Resp: 216863

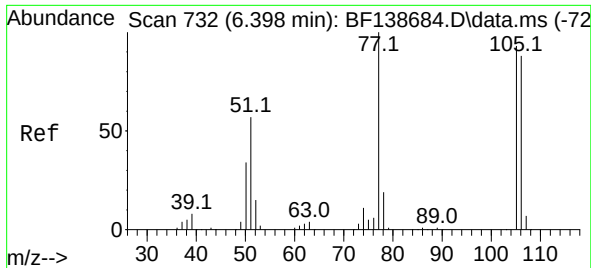
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 58.3 36.3 76.3





#9

Benzaldehyde

Concen: 37.898 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

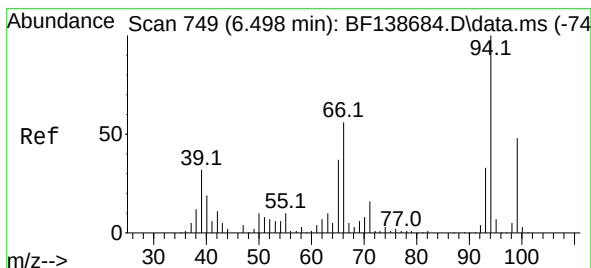
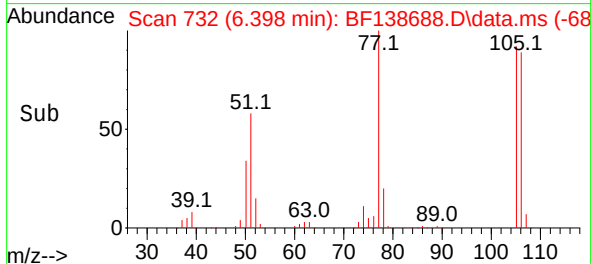
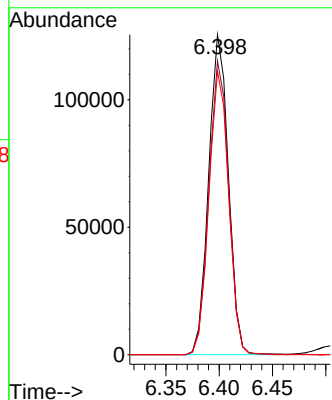
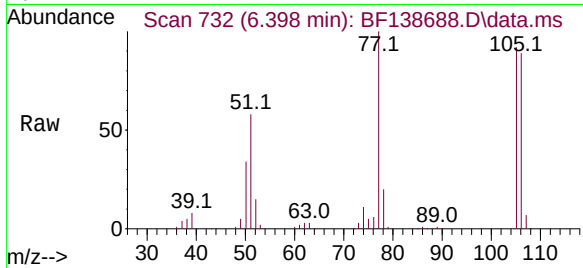
Tgt Ion: 77 Resp: 161636

Ion Ratio Lower Upper

77 100

105 91.7 72.9 112.9

106 88.6 68.4 108.4



#10

Phenol

Concen: 38.277 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

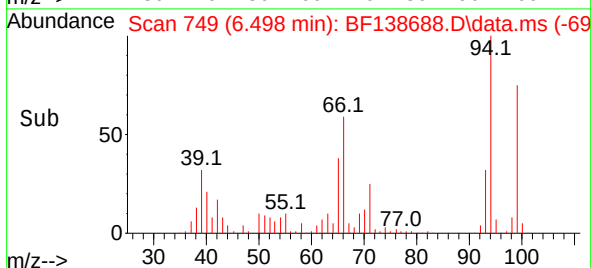
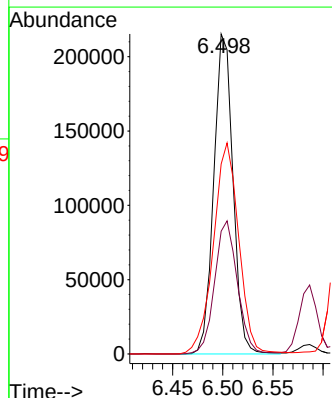
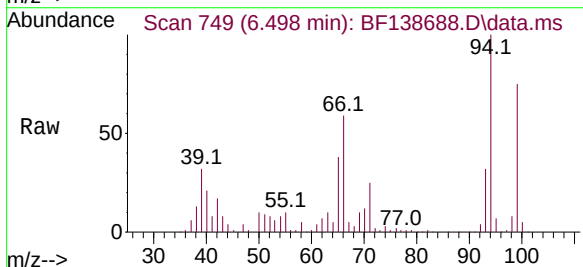
Tgt Ion: 94 Resp: 286738

Ion Ratio Lower Upper

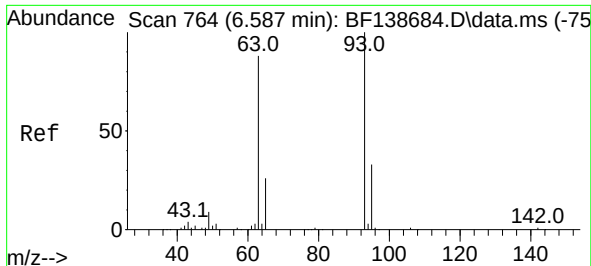
94 100

65 38.4 16.9 56.9

66 59.3 36.5 76.5







#11

bis(2-Chloroethyl)ether

Concen: 38.433 ng

RT: 6.587 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

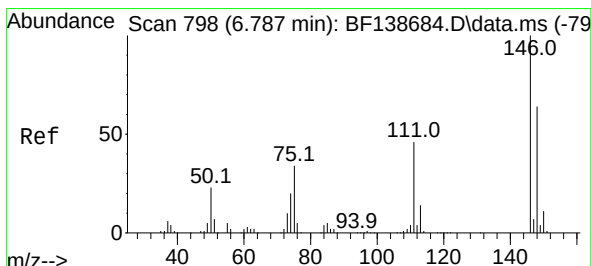
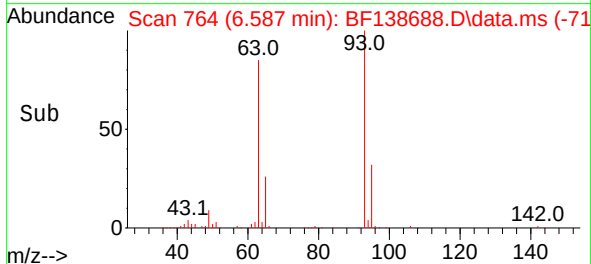
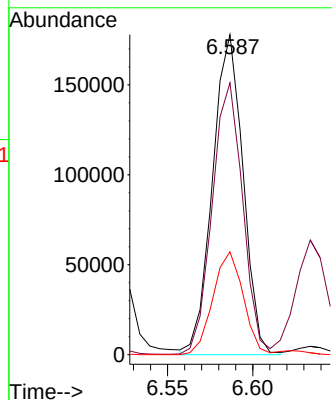
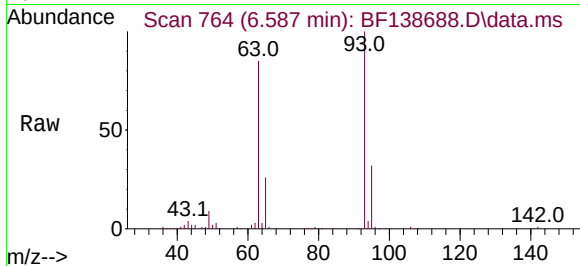
Tgt Ion: 93 Resp: 221556

Ion Ratio Lower Upper

93 100

63 85.0 65.3 105.3

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 38.692 ng

RT: 6.787 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

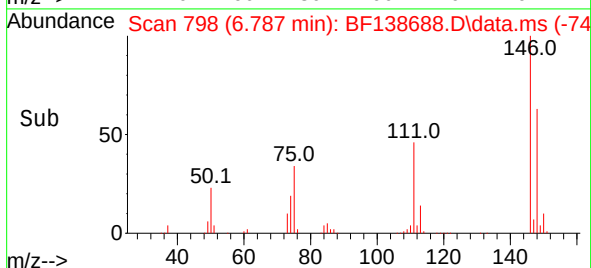
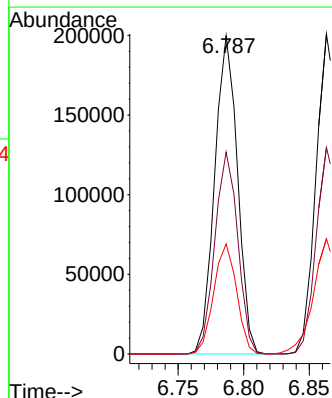
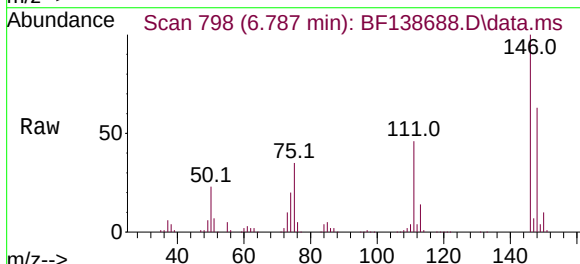
Tgt Ion:146 Resp: 241485

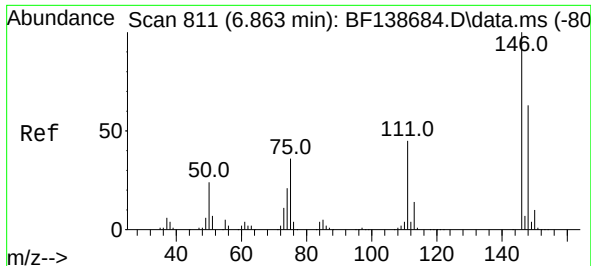
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

75 34.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 38.668 ng

RT: 6.863 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF138688.D

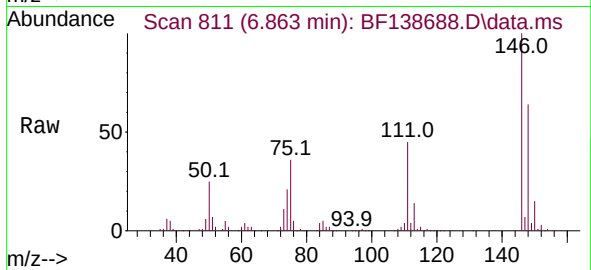
Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024



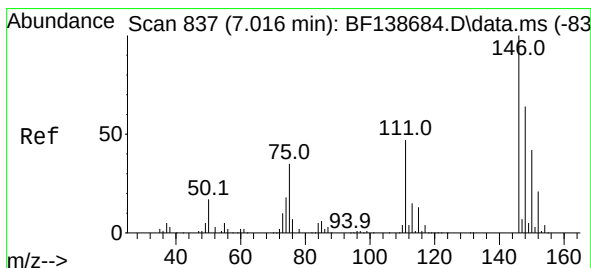
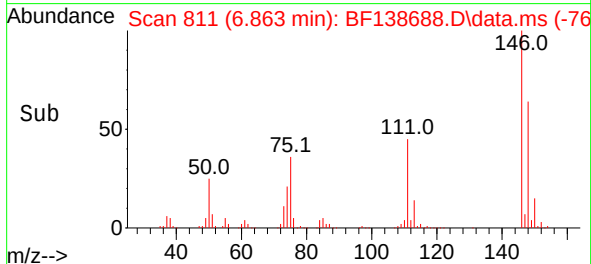
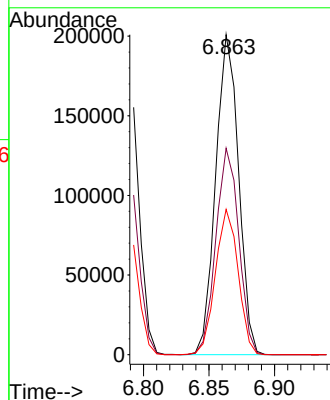
Tgt Ion:146 Resp: 243549

Ion Ratio Lower Upper

146 100

148 64.5 50.2 75.2

111 45.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 38.492 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

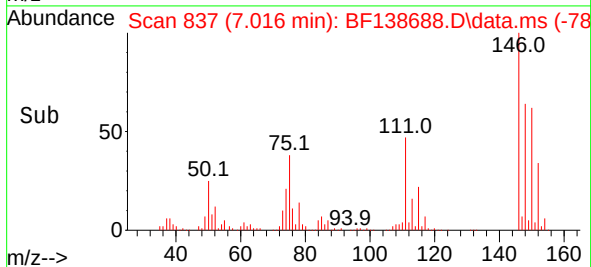
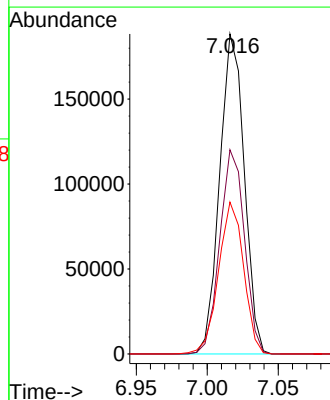
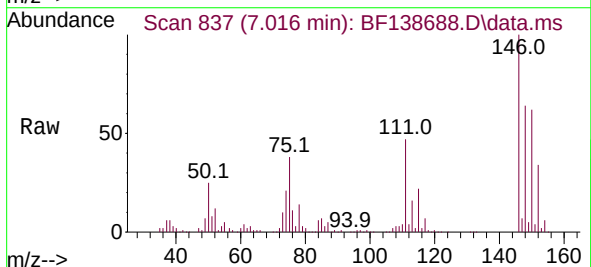
Tgt Ion:146 Resp: 226577

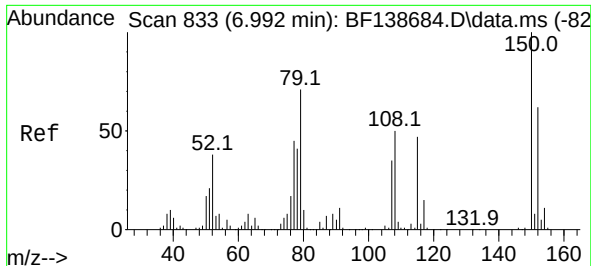
Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

111 47.4 37.4 56.2

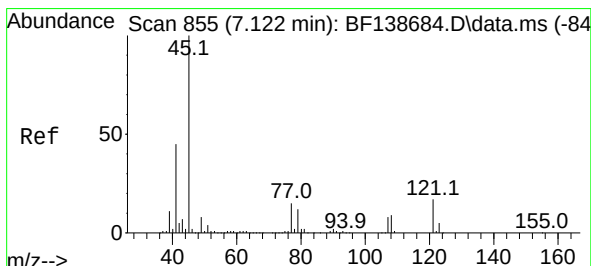
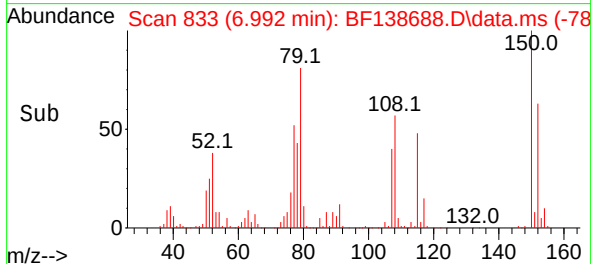
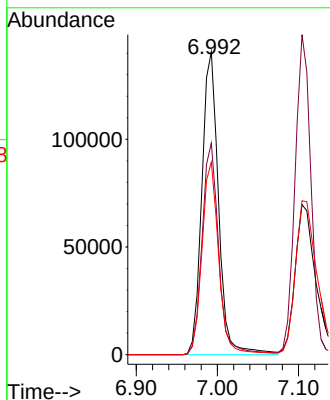
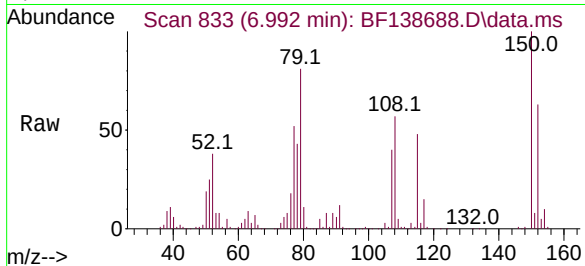




#15  
Benzyl Alcohol  
Concen: 39.118 ng  
RT: 6.992 min Scan# 833  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

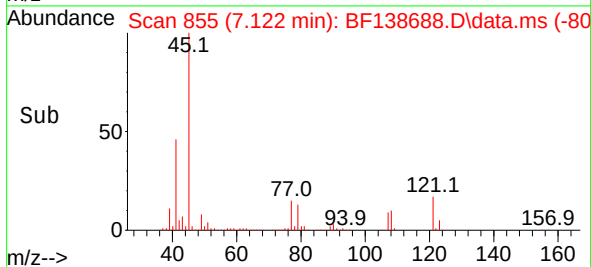
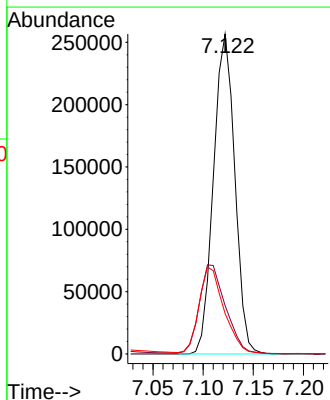
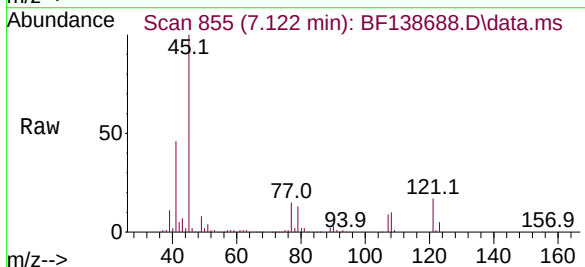
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

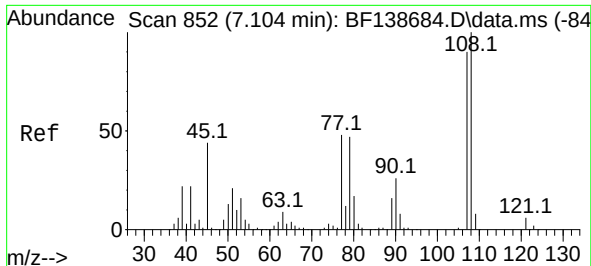
Tgt Ion: 79 Resp: 200599  
Ion Ratio Lower Upper  
79 100  
108 69.9 56.6 85.0  
77 63.6 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.127 ng  
RT: 7.122 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion: 45 Resp: 378258  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 34.9  
79 12.7 0.0 32.2

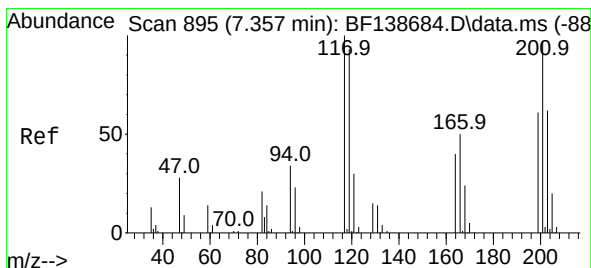
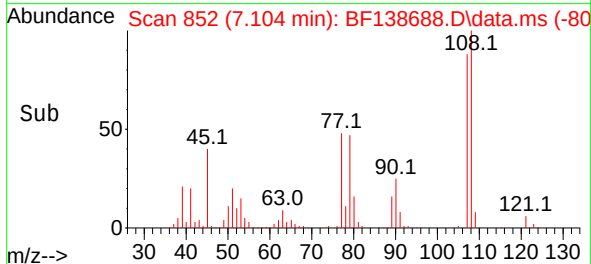
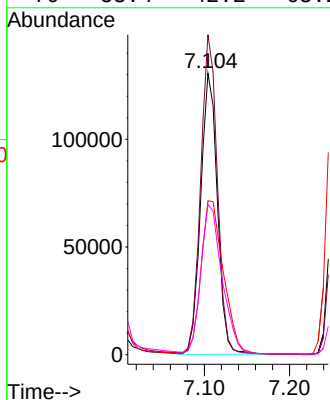
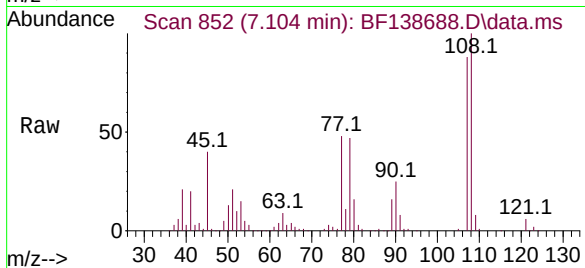




#17  
2-Methylphenol  
Concen: 38.649 ng  
RT: 7.104 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

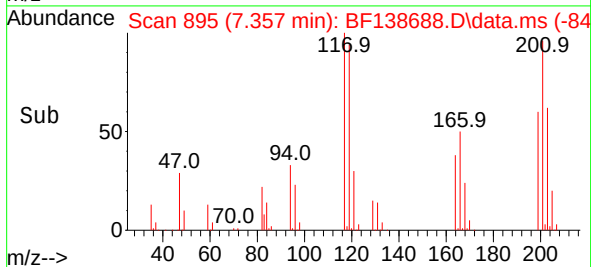
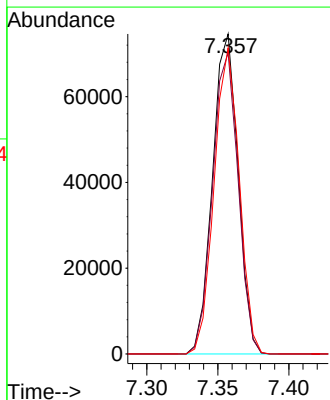
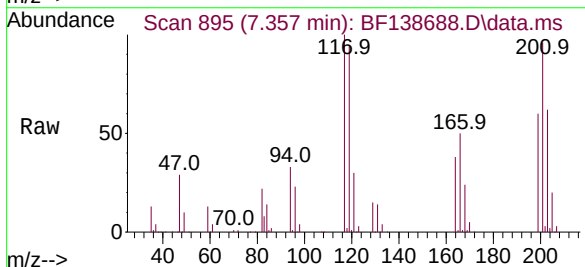
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

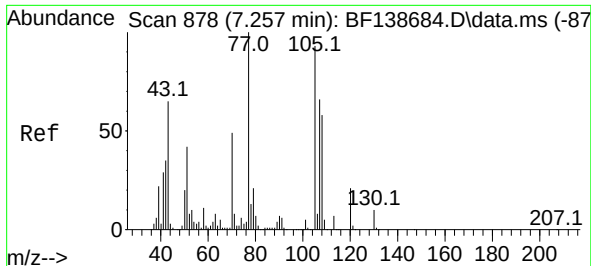
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 177941 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.7 | 89.2  | 133.8  |
| 77       | 54.7  | 43.0  | 64.4   |
| 79       | 53.4  | 42.2  | 63.2   |



#18  
Hexachloroethane  
Concen: 39.384 ng  
RT: 7.357 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 93375 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.1  | 74.6  | 111.8 |
| 201      | 95.7  | 77.2  | 115.8 |





#19

n-Nitroso-di-n-propylamine

Concen: 37.442 ng

RT: 7.263 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

Tgt Ion: 70 Resp: 160901

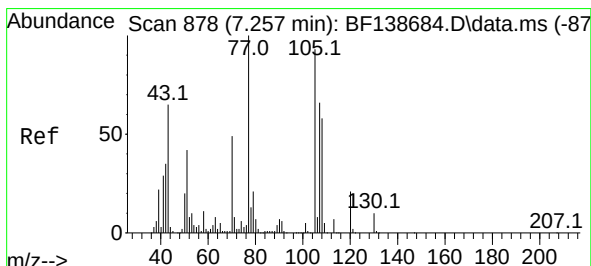
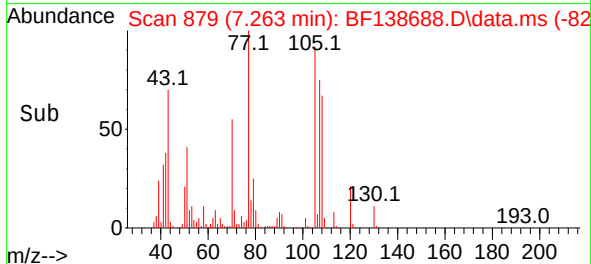
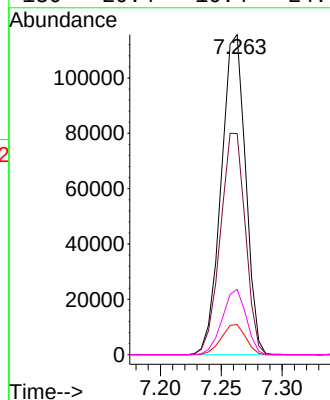
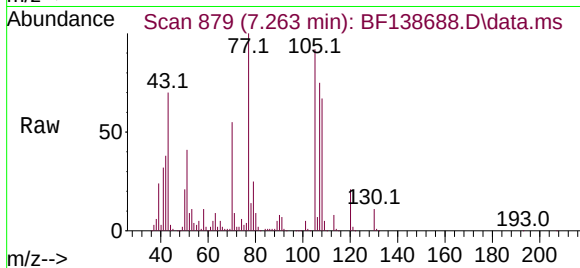
Ion Ratio Lower Upper

70 100

42 69.1 57.4 86.0

101 9.4 7.5 11.3

130 20.4 16.4 24.6



#20

3+4-Methylphenols

Concen: 37.436 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Tgt Ion:107 Resp: 221138

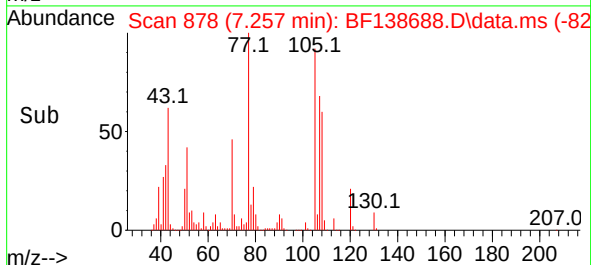
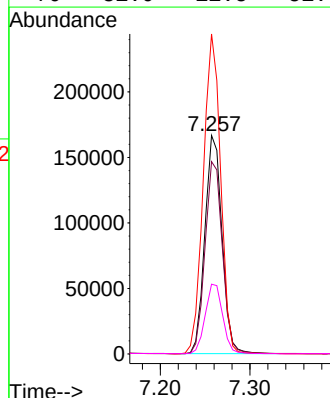
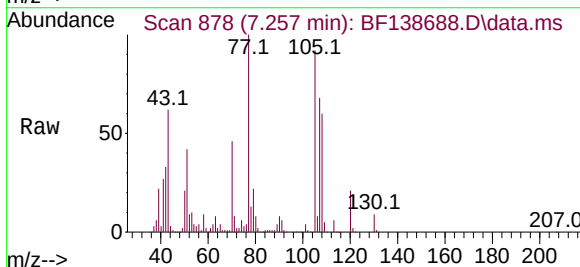
Ion Ratio Lower Upper

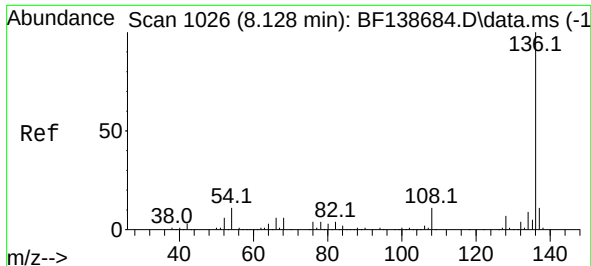
107 100

108 88.0 68.2 108.2

77 146.4 132.1 172.1

79 31.9 11.5 51.5





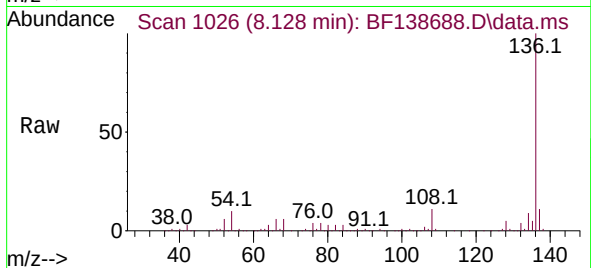
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Instrument :

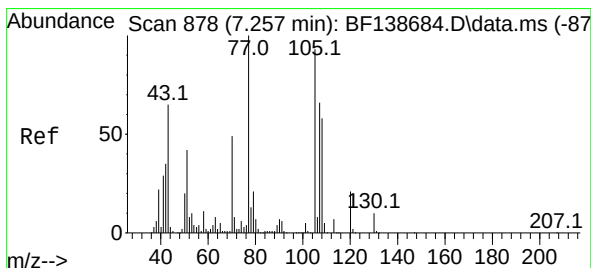
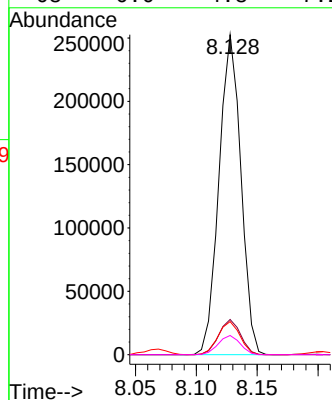
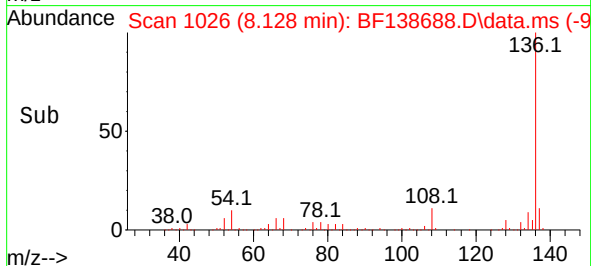
BNA\_F

ClientSampleId :

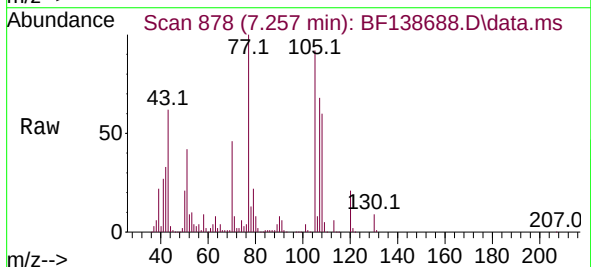
ICVBF073024



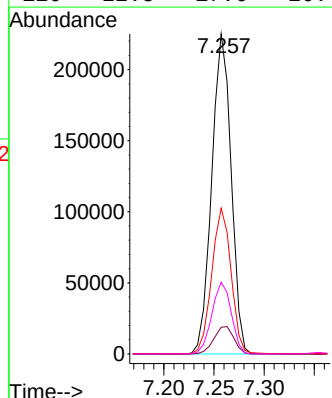
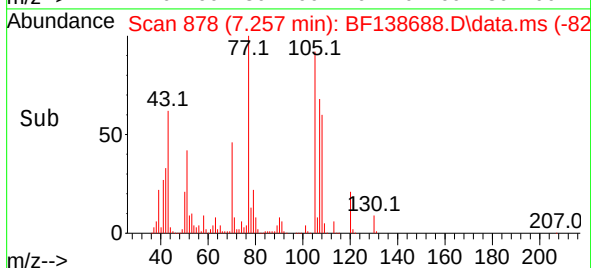
Tgt Ion:136 Resp: 316107  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 10.4 8.6 12.8  
68 6.0 4.8 7.2

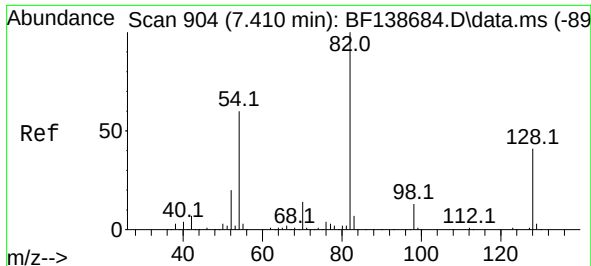


#22  
Acetophenone  
Concen: 39.095 ng  
RT: 7.257 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55



Tgt Ion:105 Resp: 302593  
Ion Ratio Lower Upper  
105 100  
71 8.3 7.2 10.8  
51 45.6 35.9 53.9  
120 22.5 17.6 26.4





#23  
Nitrobenzene-d5  
Concen: 80.424 ng  
RT: 7.410 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

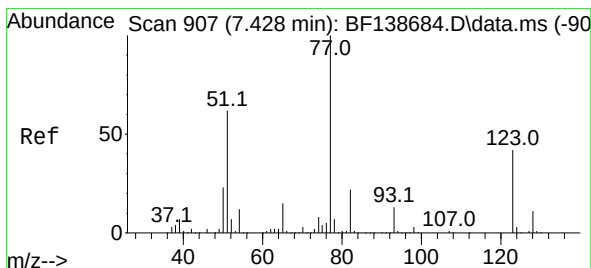
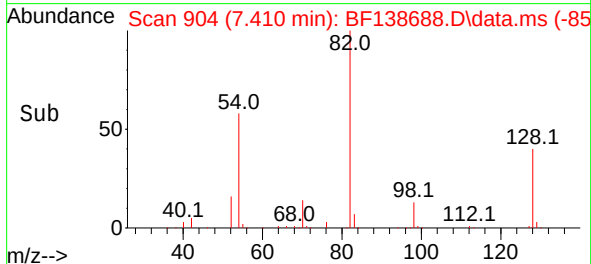
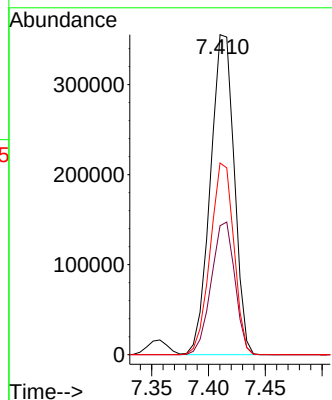
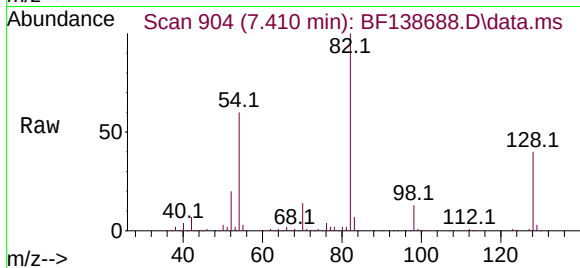
Instrument :

BNA\_F

ClientSampleId :

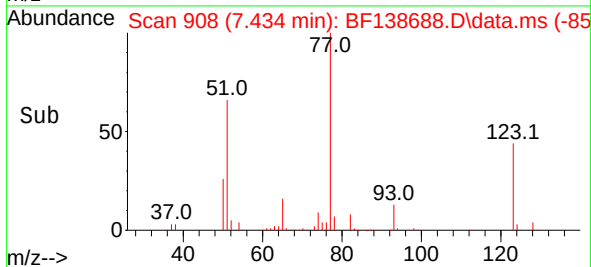
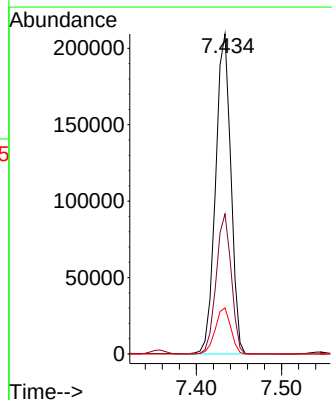
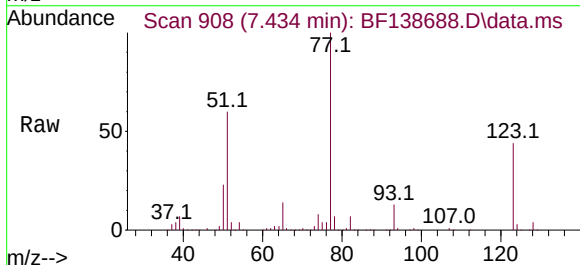
ICVBF073024

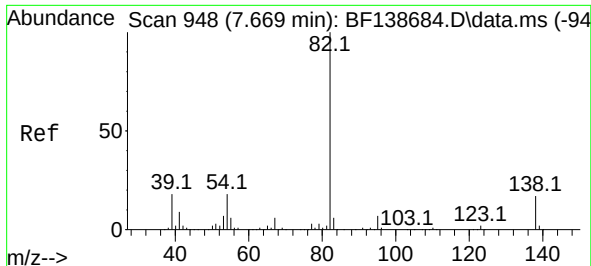
Tgt Ion: 82 Resp: 519984  
Ion Ratio Lower Upper  
82 100  
128 40.3 32.8 49.2  
54 59.9 48.3 72.5



#24  
Nitrobenzene  
Concen: 39.882 ng  
RT: 7.434 min Scan# 908  
Delta R.T. 0.006 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion: 77 Resp: 262386  
Ion Ratio Lower Upper  
77 100  
123 43.7 33.3 49.9  
65 14.4 11.9 17.9

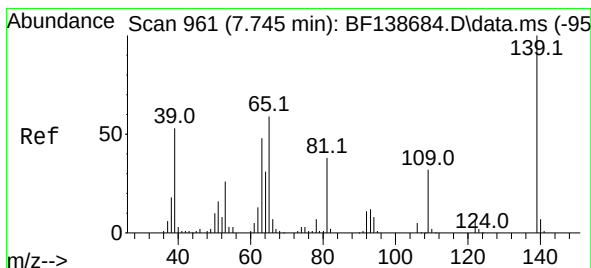
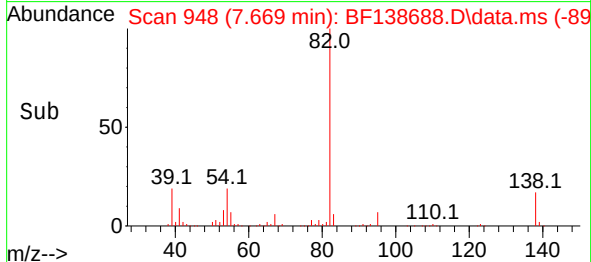
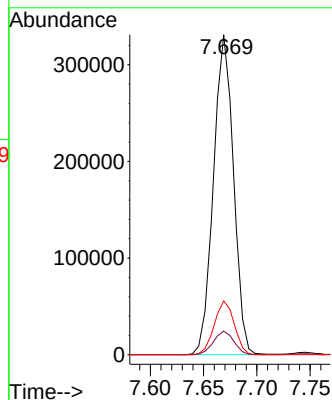
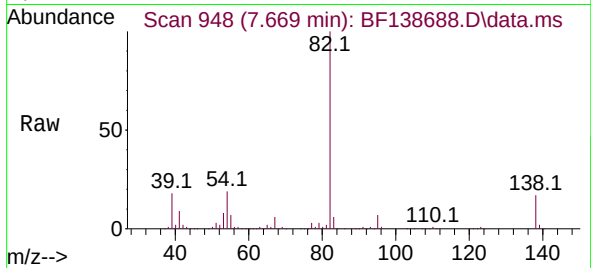




#25  
Isophorone  
Concen: 39.275 ng  
RT: 7.669 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

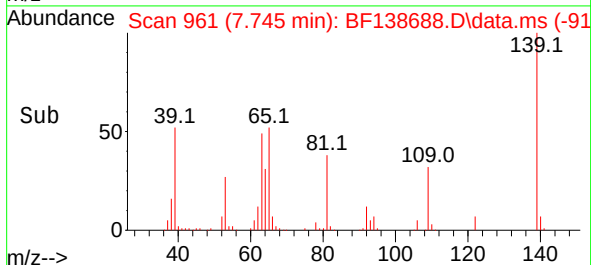
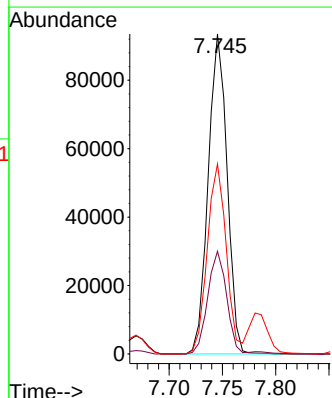
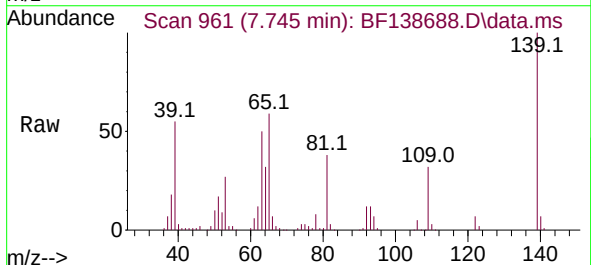
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

Tgt Ion: 82 Resp: 433596  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.7 8.5  
138 16.8 13.7 20.5

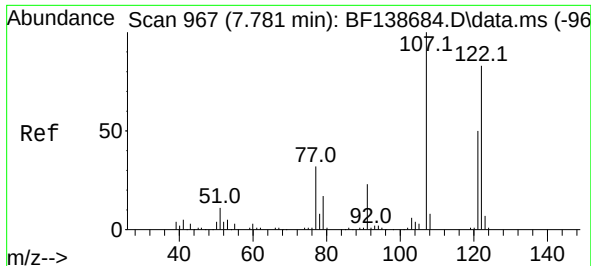


#26  
2-Nitrophenol  
Concen: 40.668 ng  
RT: 7.745 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:139 Resp: 115113  
Ion Ratio Lower Upper  
139 100  
109 32.1 25.9 38.9  
65 59.3 47.0 70.6



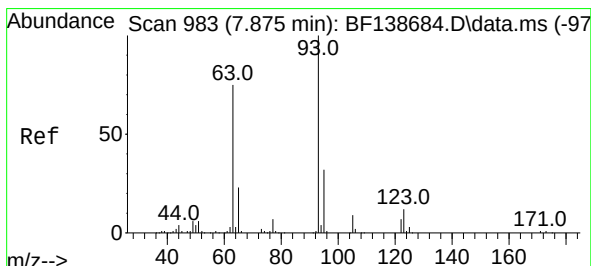
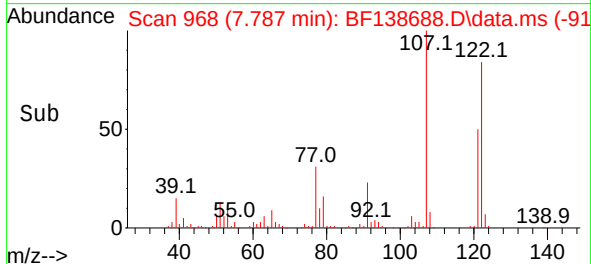
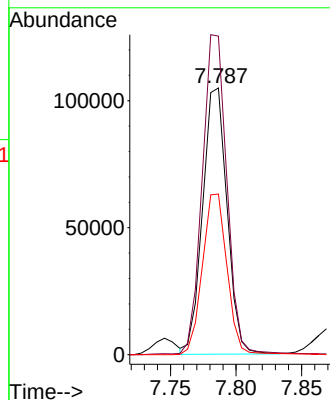
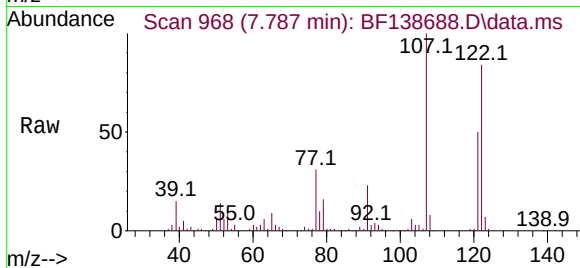




#27  
2,4-Dimethylphenol  
Concen: 40.231 ng  
RT: 7.787 min Scan# 967  
Delta R.T. 0.006 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

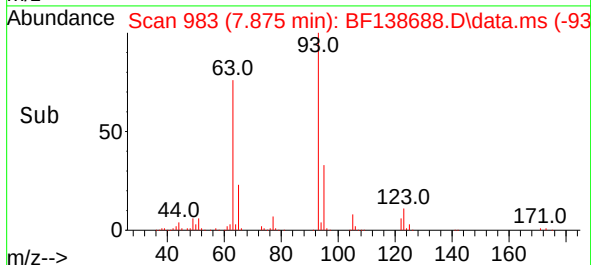
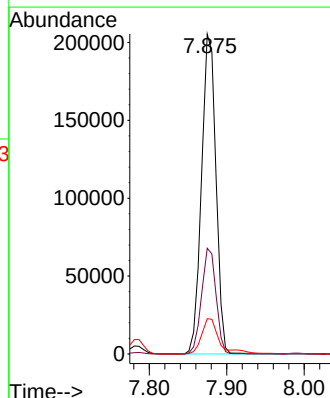
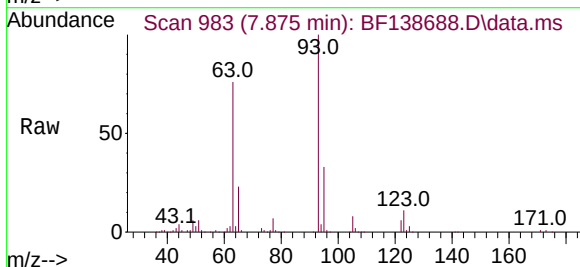
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

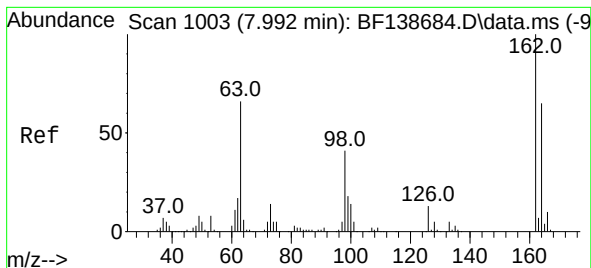
Tgt Ion:122 Resp: 136249  
Ion Ratio Lower Upper  
122 100  
107 119.4 95.0 142.6  
121 60.2 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.557 ng  
RT: 7.875 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion: 93 Resp: 265943  
Ion Ratio Lower Upper  
93 100  
95 33.1 25.8 38.8  
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.567 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

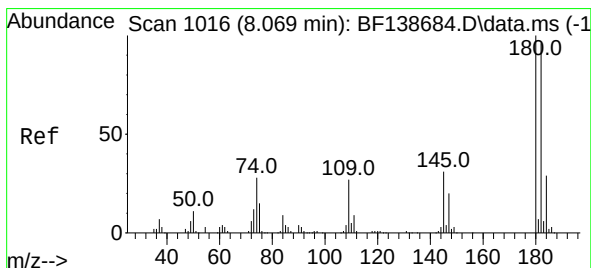
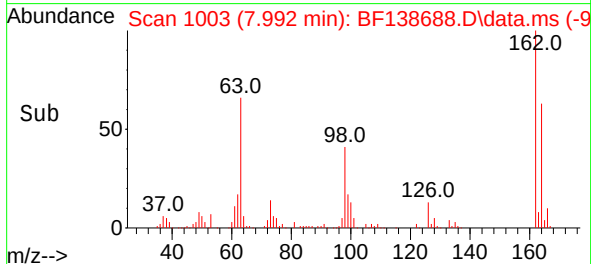
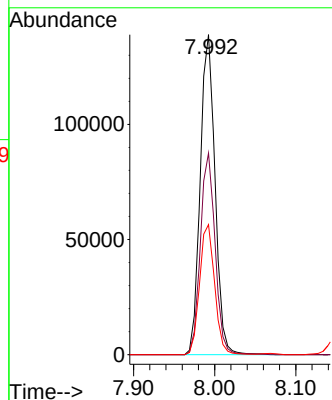
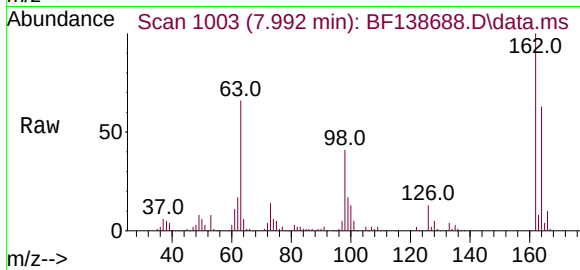
Tgt Ion:162 Resp: 176541

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

98 40.7 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 39.651 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

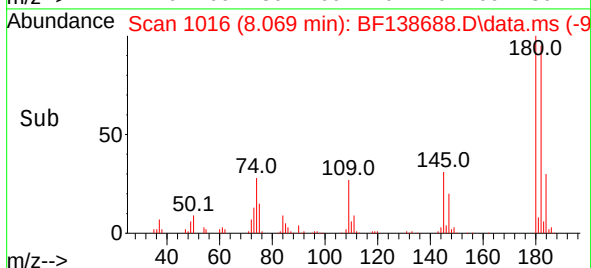
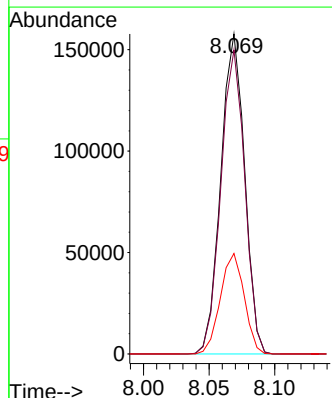
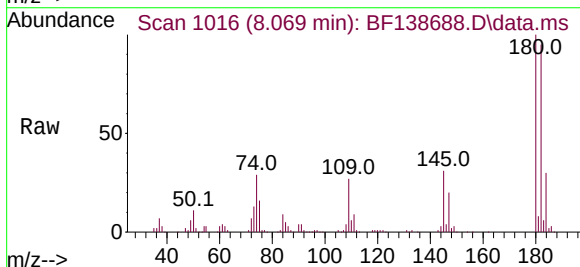
Tgt Ion:180 Resp: 199132

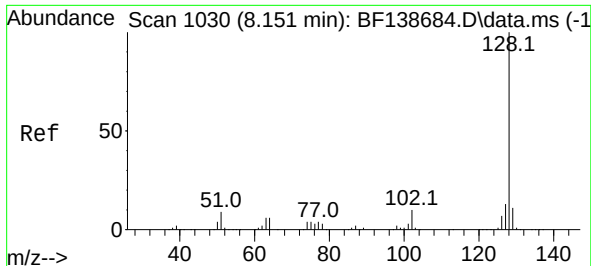
Ion Ratio Lower Upper

180 100

182 95.0 76.9 115.3

145 31.4 25.0 37.4

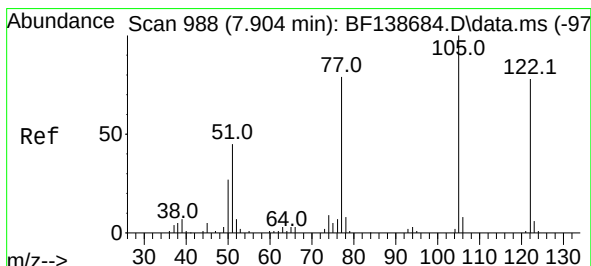
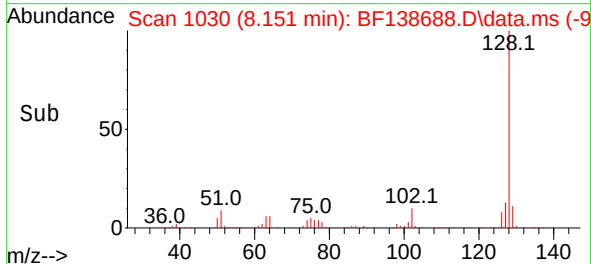
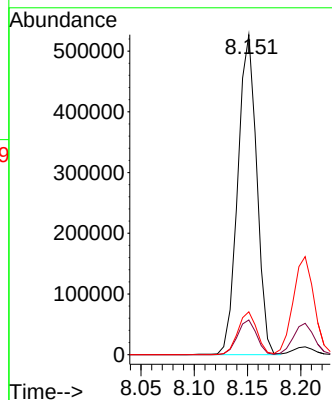
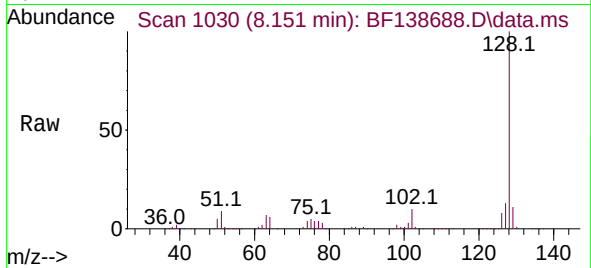




#31  
Naphthalene  
Concen: 39.232 ng  
RT: 8.151 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

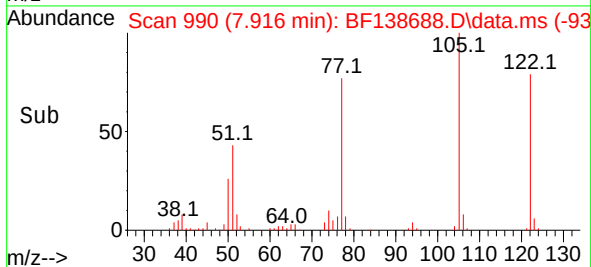
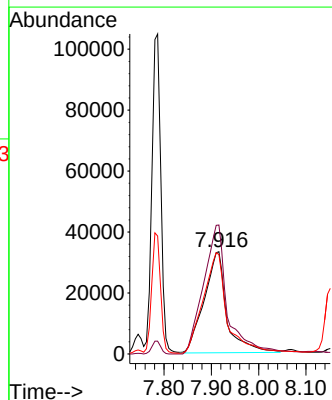
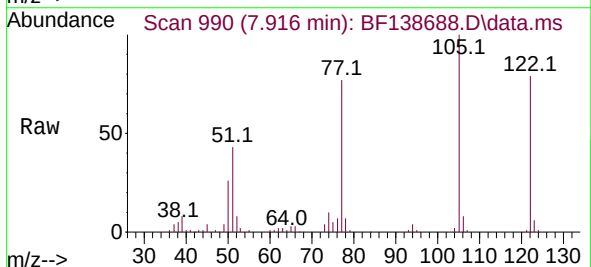
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

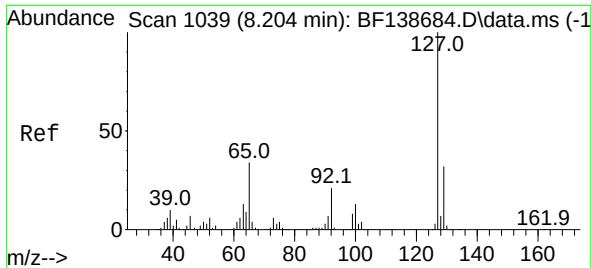
Tgt Ion:128 Resp: 652780  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.4 10.6 16.0



#32  
Benzoic acid  
Concen: 41.481 ng  
RT: 7.916 min Scan# 990  
Delta R.T. 0.012 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:122 Resp: 110429  
Ion Ratio Lower Upper  
122 100  
105 126.2 106.7 146.7  
77 97.2 81.1 121.1

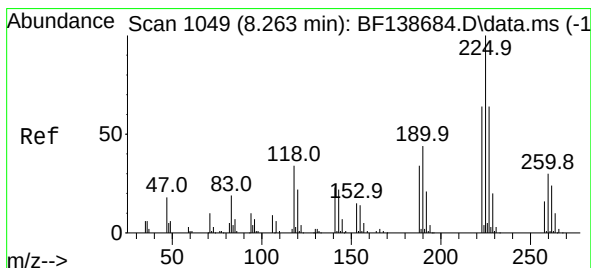
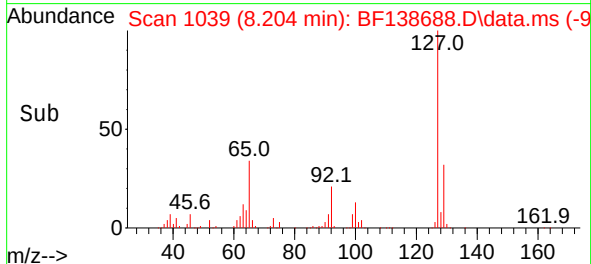
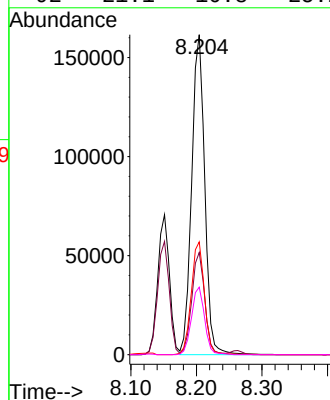
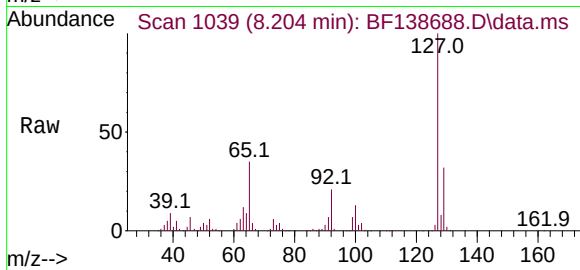




#33  
4-Chloroaniline  
Concen: 40.067 ng  
RT: 8.204 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

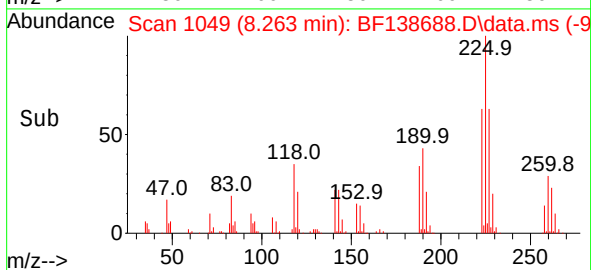
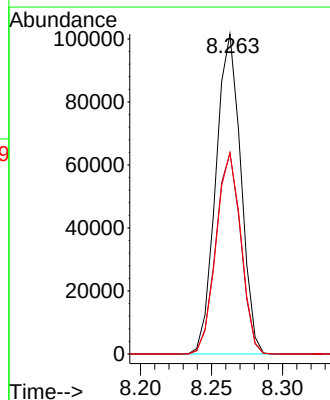
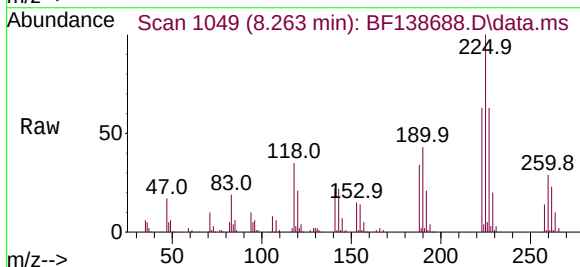
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

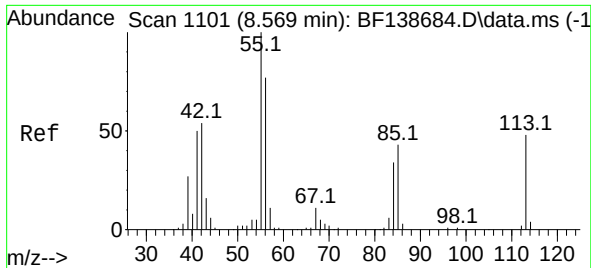
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 223787 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.0  | 25.9  | 38.9   |
| 65        | 35.2  | 27.6  | 41.4   |
| 92        | 21.1  | 16.8  | 25.2   |



#34  
Hexachlorobutadiene  
Concen: 40.772 ng  
RT: 8.263 min Scan# 1049  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 124022 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.8  | 51.2  | 76.8   |
| 227       | 62.9  | 51.1  | 76.7   |





#35

Caprolactam

Concen: 38.365 ng

RT: 8.575 min Scan# 1102

Delta R.T. 0.006 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

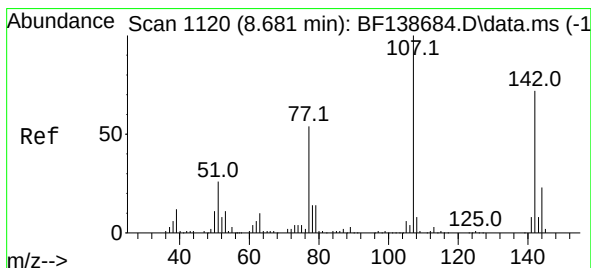
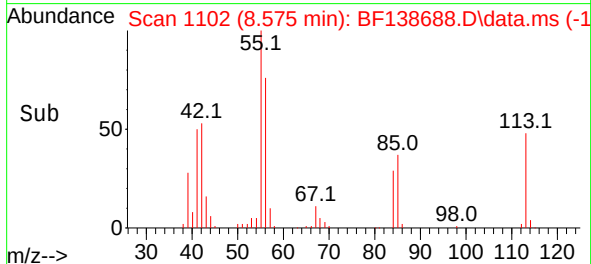
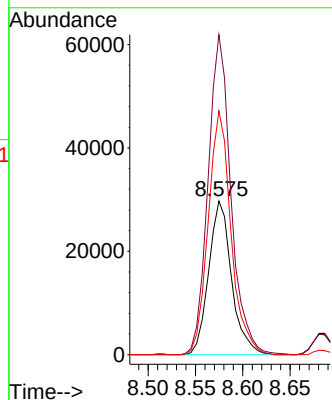
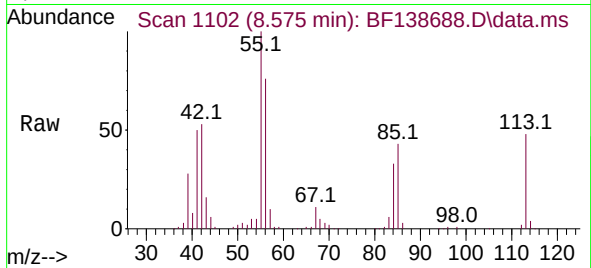
Tgt Ion:113 Resp: 49818

Ion Ratio Lower Upper

113 100

55 208.2 186.7 226.7

56 158.6 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 39.164 ng

RT: 8.686 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

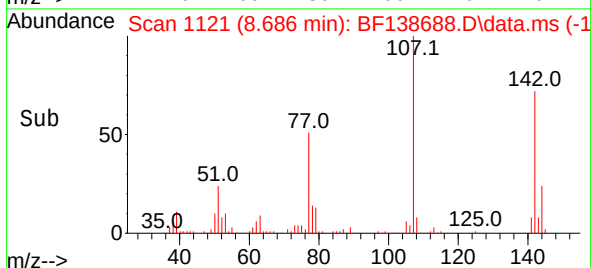
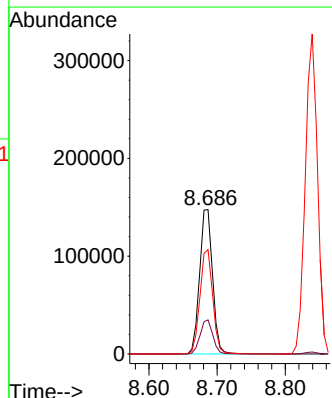
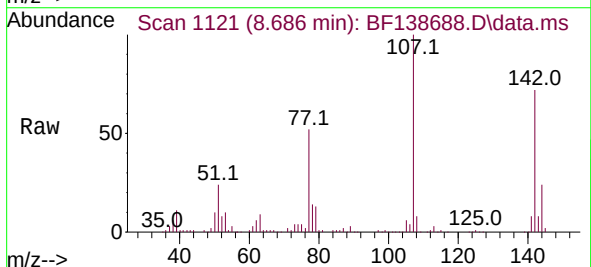
Tgt Ion:107 Resp: 194782

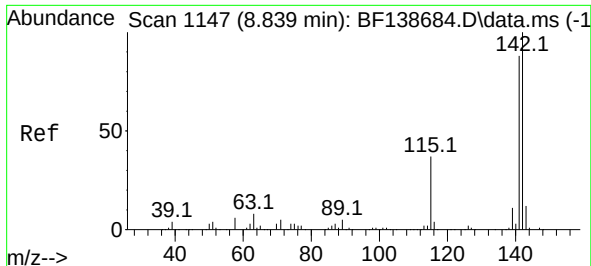
Ion Ratio Lower Upper

107 100

144 23.6 18.2 27.2

142 72.3 57.4 86.2





#37

2-Methylnaphthalene

Concen: 38.836 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

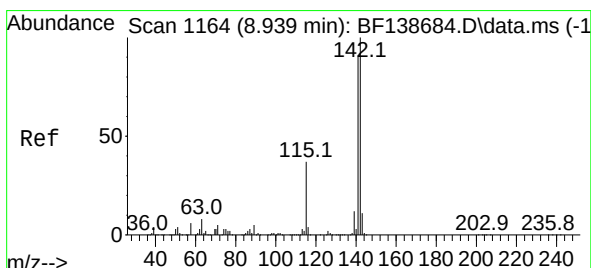
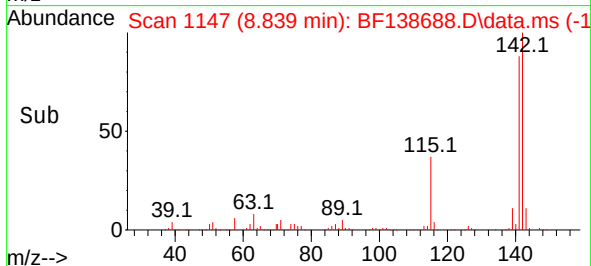
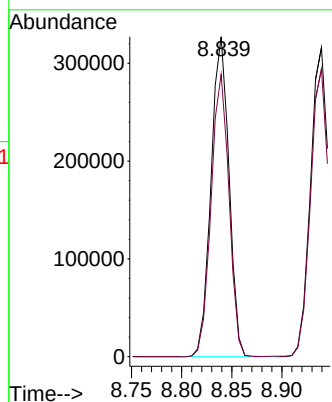
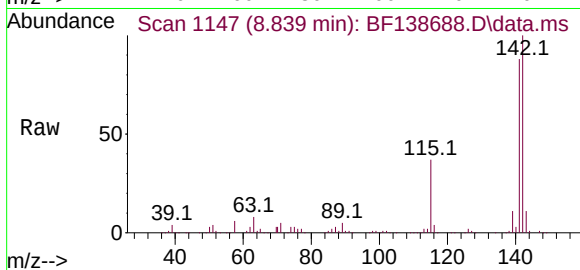
ICVBF073024

Tgt Ion:142 Resp: 408106

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 38.666 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF138688.D

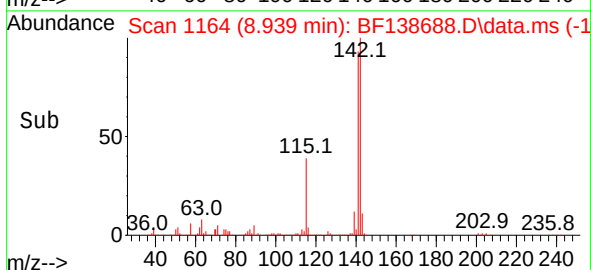
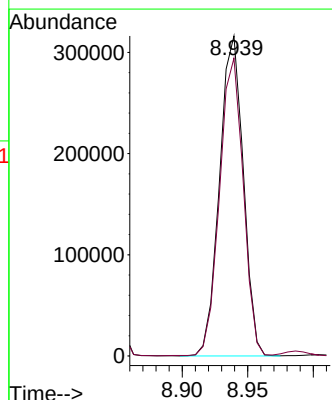
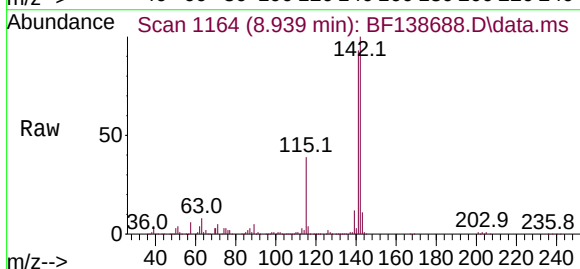
Acq: 30 Jul 2024 17:55

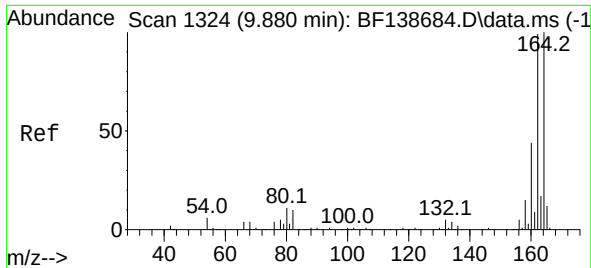
Tgt Ion:142 Resp: 398155

Ion Ratio Lower Upper

142 100

141 93.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1175

Delta R.T. 0.001 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

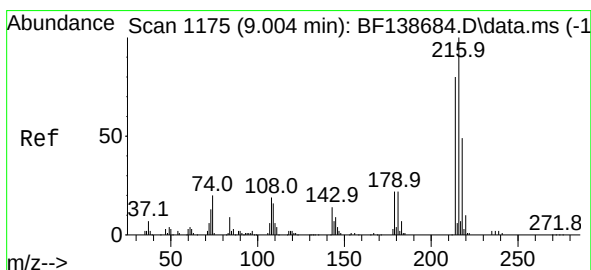
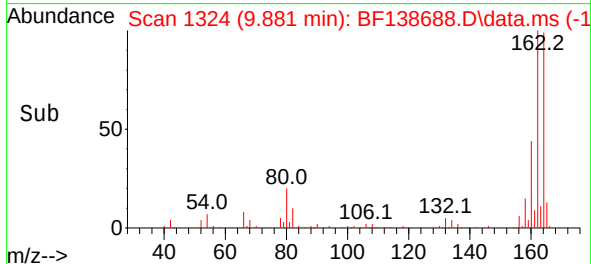
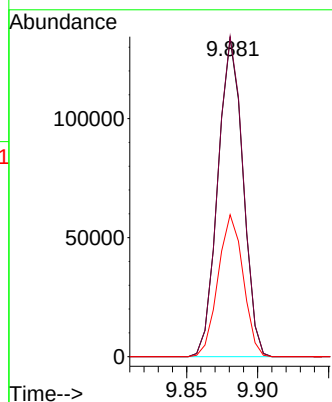
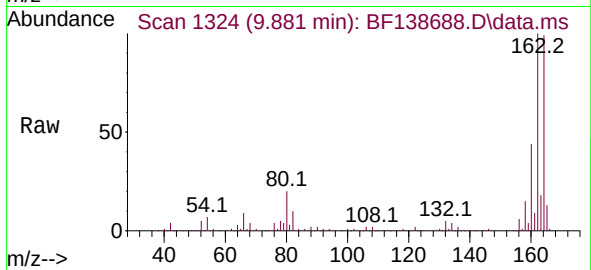
Tgt Ion:164 Resp: 164062

Ion Ratio Lower Upper

164 100

162 100.6 79.4 119.0

160 44.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.554 ng

RT: 9.004 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Tgt Ion:216 Resp: 184821

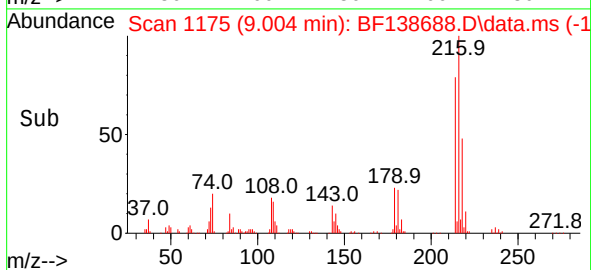
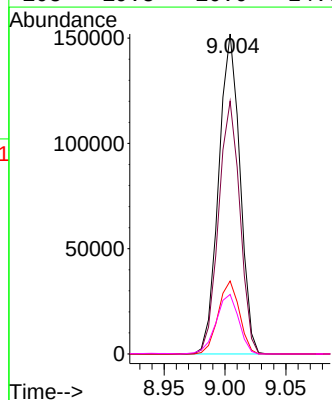
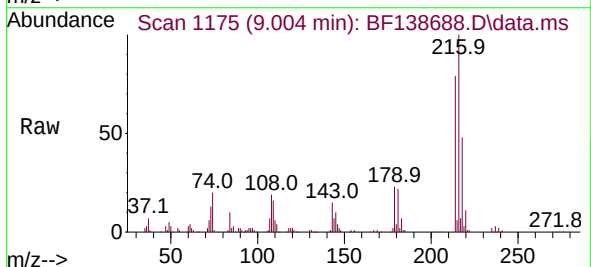
Ion Ratio Lower Upper

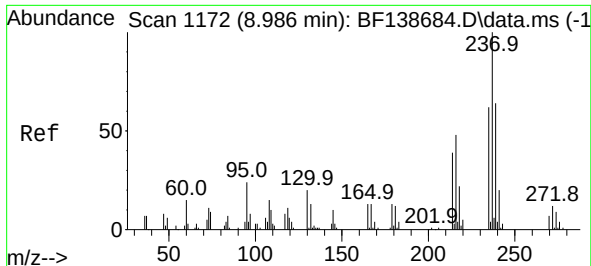
216 100

214 78.7 63.9 95.9

179 22.6 17.8 26.6

108 19.8 16.0 24.0

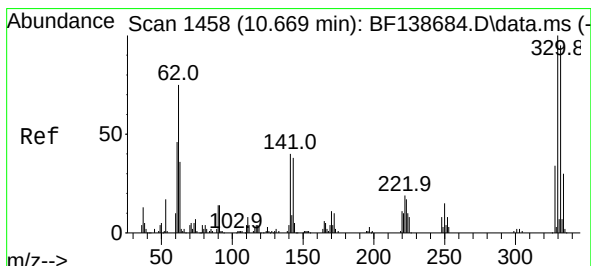
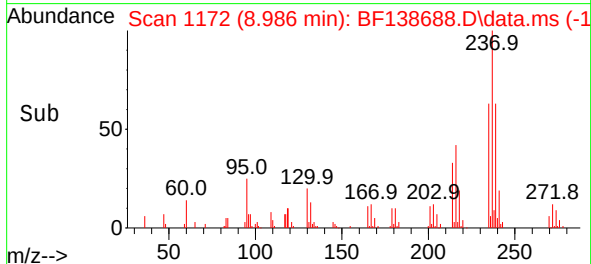
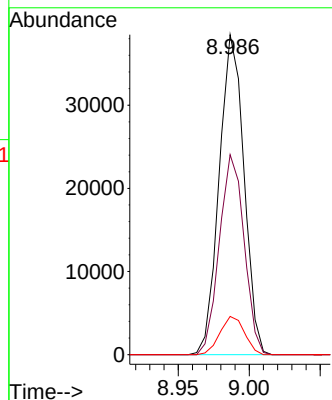
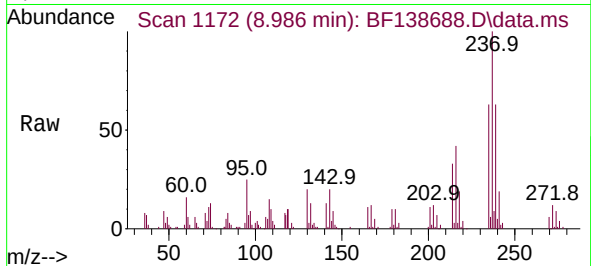




#41  
Hexachlorocyclopentadiene  
Concen: 42.278 ng  
RT: 8.986 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

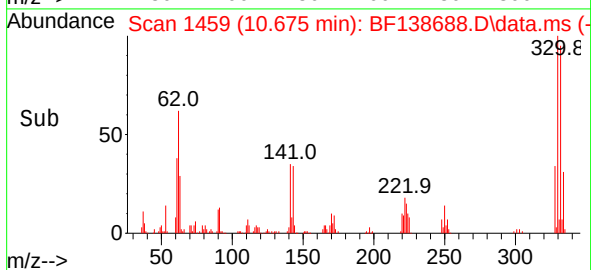
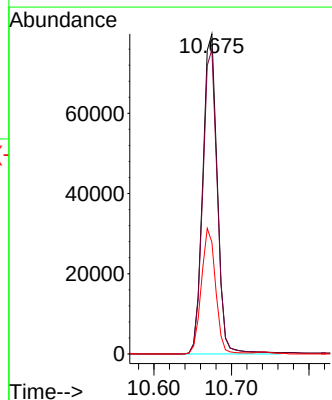
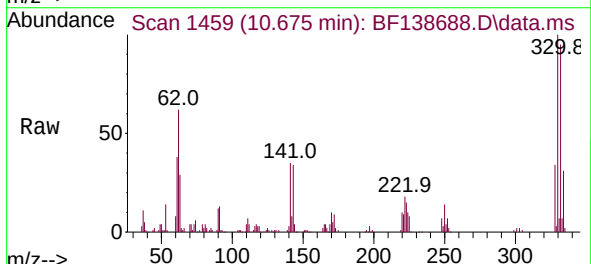
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

Tgt Ion:237 Resp: 46660  
Ion Ratio Lower Upper  
237 100  
235 62.5 41.8 81.8  
272 11.9 0.0 32.2

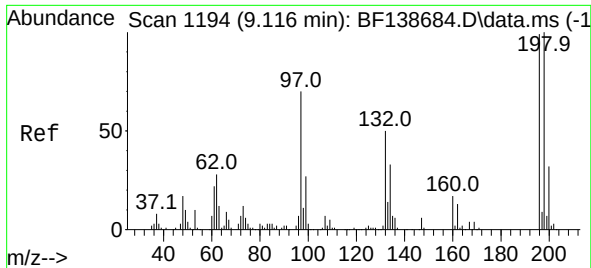


#42  
2,4,6-Tribromophenol  
Concen: 77.401 ng  
RT: 10.675 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:330 Resp: 104018  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.4 114.6  
141 38.5 31.1 46.7



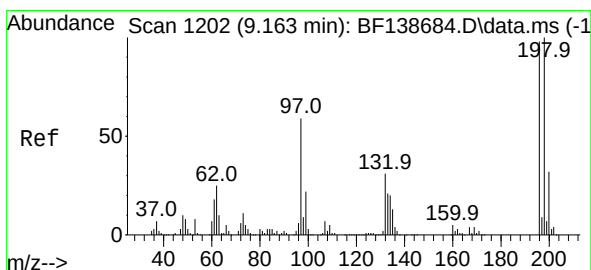
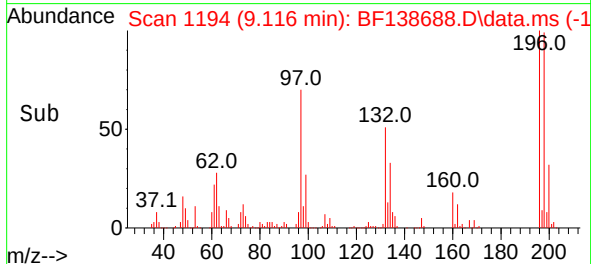
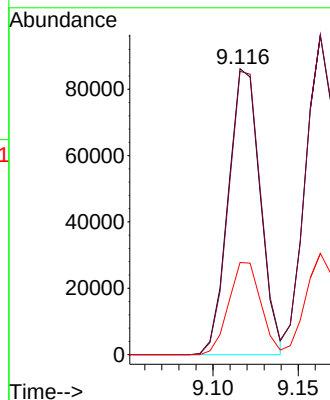
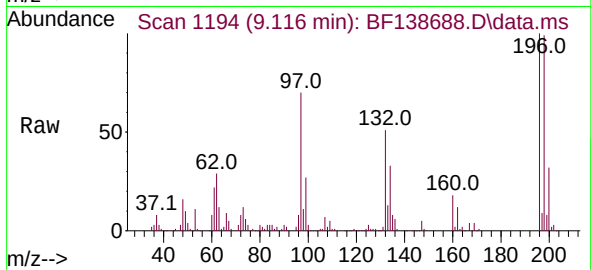




#43  
2,4,6-Trichlorophenol  
Concen: 40.384 ng  
RT: 9.116 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

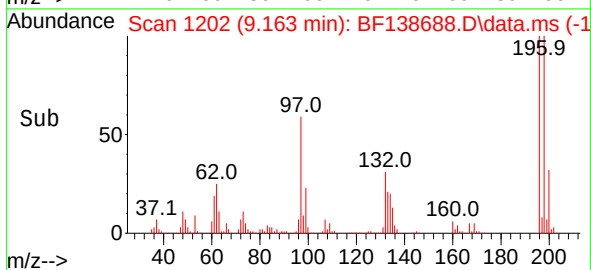
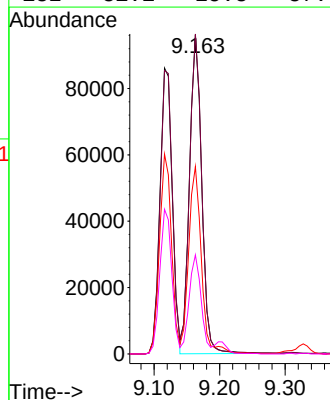
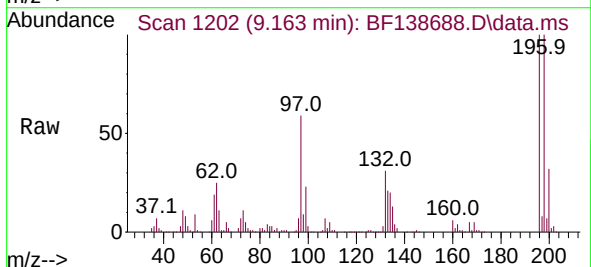
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

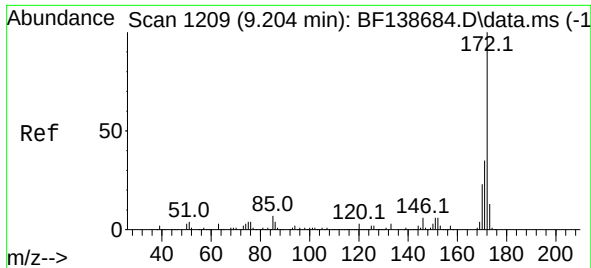
Tgt Ion:196 Resp: 112217  
Ion Ratio Lower Upper  
196 100  
198 99.1 80.5 120.7  
200 32.2 25.9 38.9



#44  
2,4,5-Trichlorophenol  
Concen: 41.011 ng  
RT: 9.163 min Scan# 1202  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:196 Resp: 124581  
Ion Ratio Lower Upper  
196 100  
198 100.3 81.2 121.8  
97 58.7 47.8 71.6  
132 31.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 78.500 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

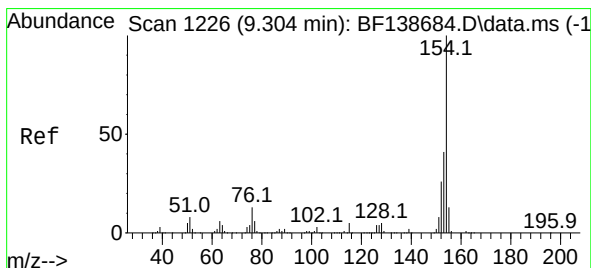
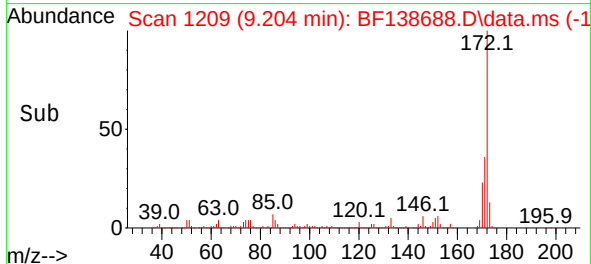
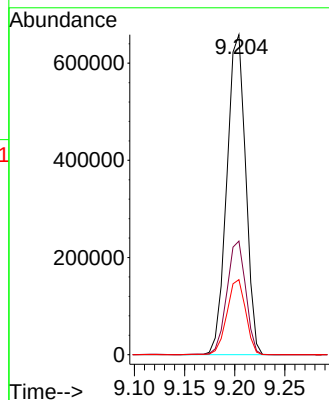
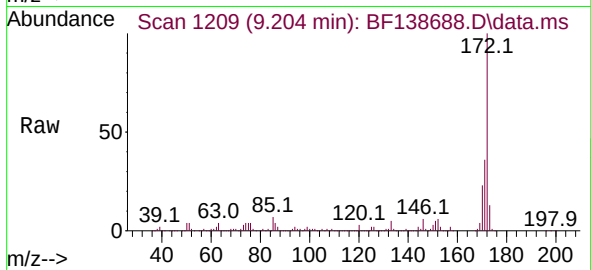
Tgt Ion:172 Resp: 857165

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.156 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

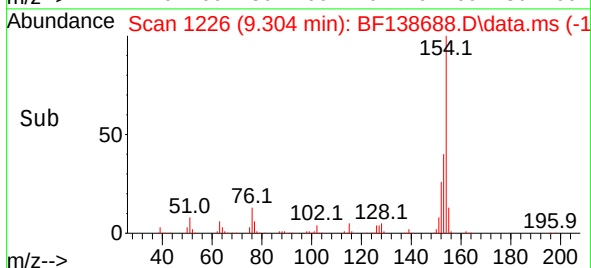
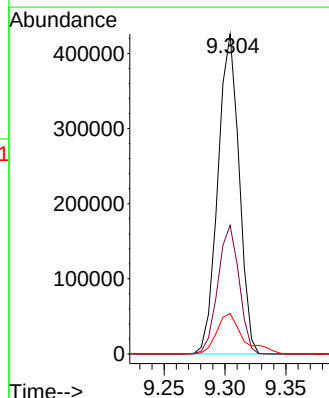
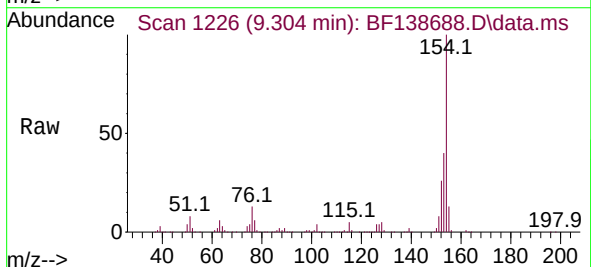
Tgt Ion:154 Resp: 515966

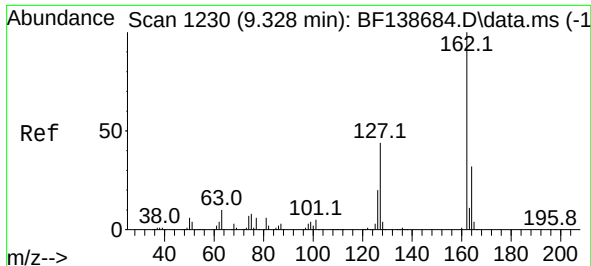
Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

76 12.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.966 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

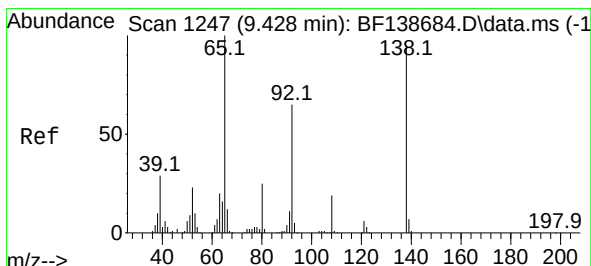
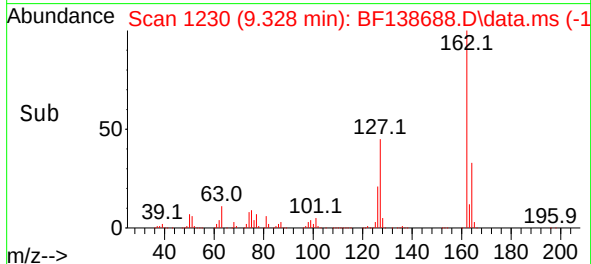
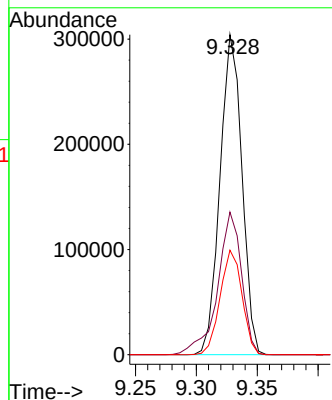
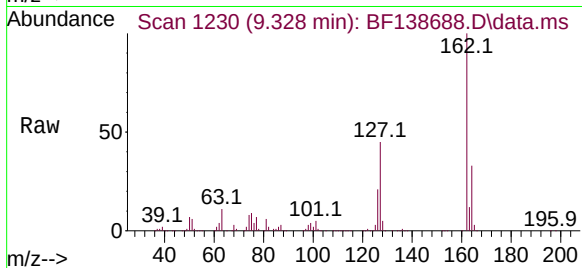
Tgt Ion:162 Resp: 381923

Ion Ratio Lower Upper

162 100

127 44.5 35.4 53.2

164 32.6 25.6 38.4



#48

2-Nitroaniline

Concen: 39.505 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

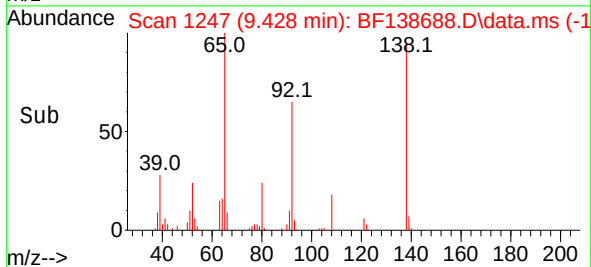
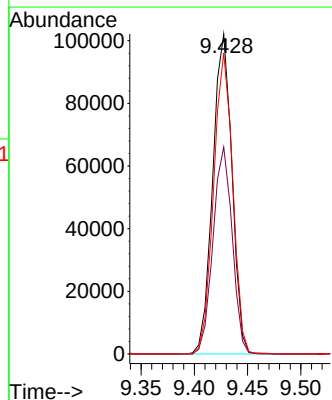
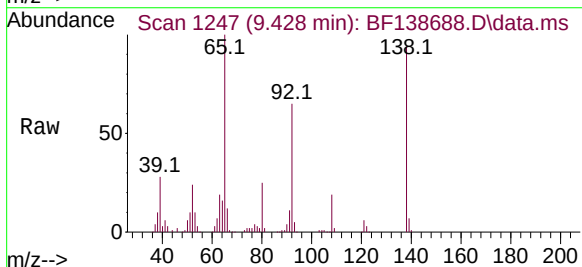
Tgt Ion: 65 Resp: 127985

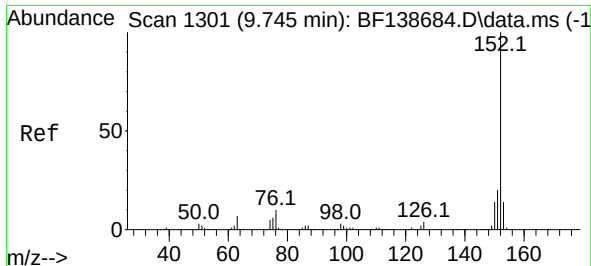
Ion Ratio Lower Upper

65 100

92 64.6 52.0 78.0

138 94.1 76.2 114.4





#49

Acenaphthylene

Concen: 39.504 ng

RT: 9.745 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF138688.D

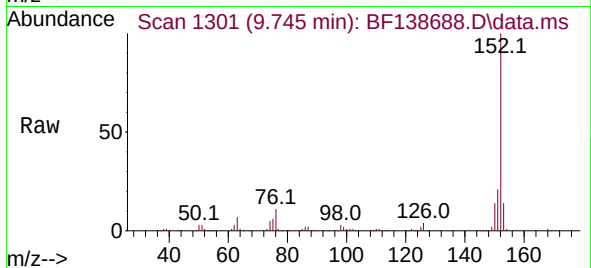
Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024



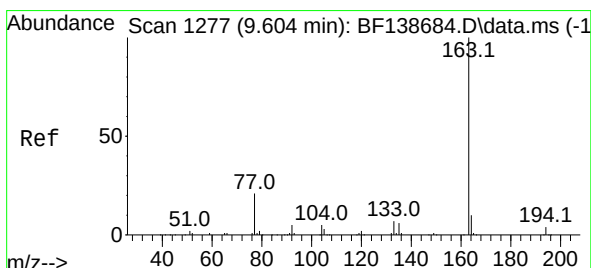
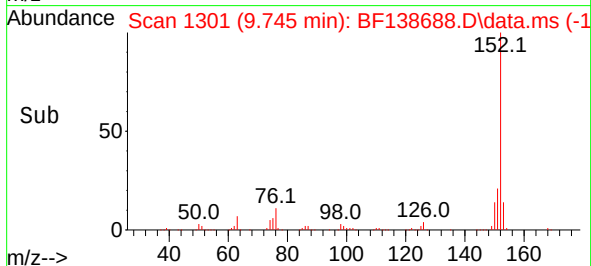
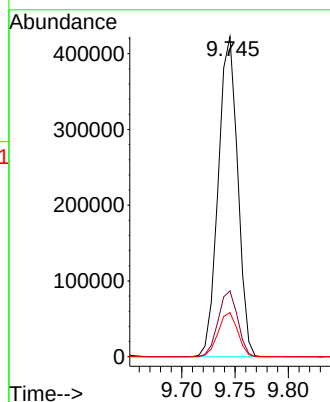
Tgt Ion:152 Resp: 535427

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 38.458 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

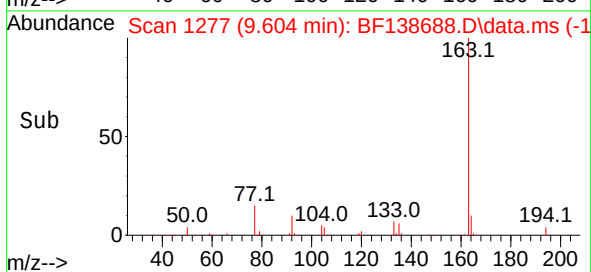
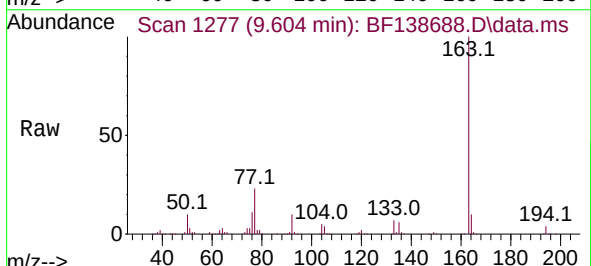
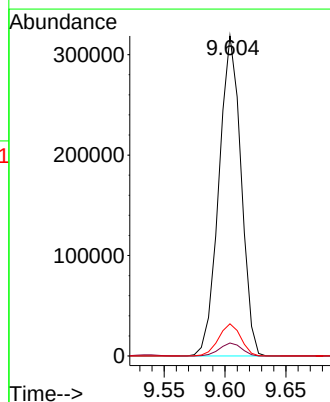
Tgt Ion:163 Resp: 403438

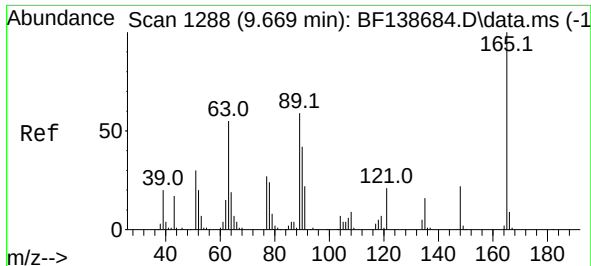
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 39.895 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

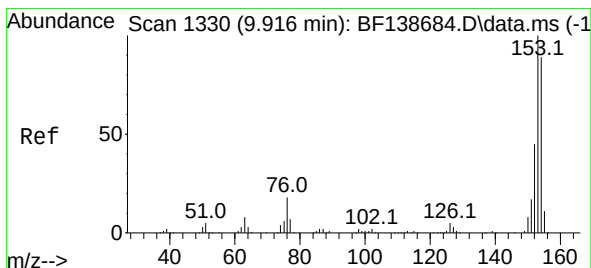
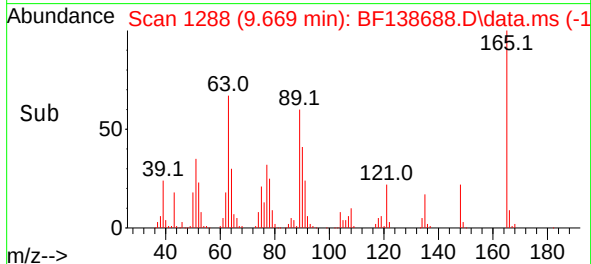
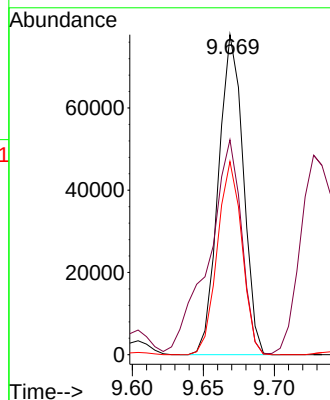
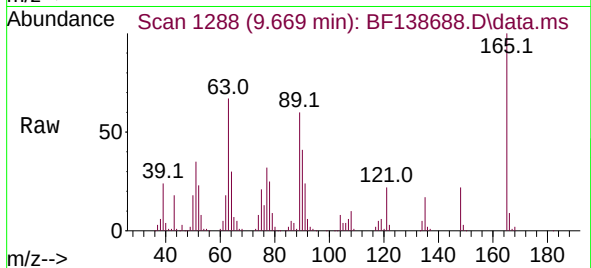
Tgt Ion:165 Resp: 94451

Ion Ratio Lower Upper

165 100

63 67.1 52.0 78.0

89 60.3 47.0 70.6



#52

Acenaphthene

Concen: 39.456 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

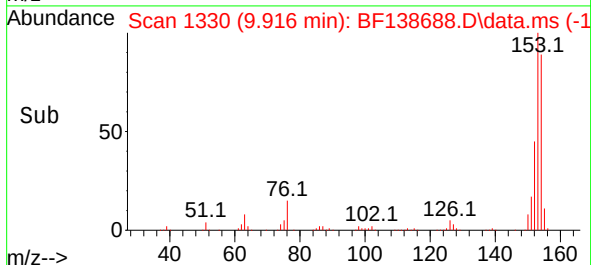
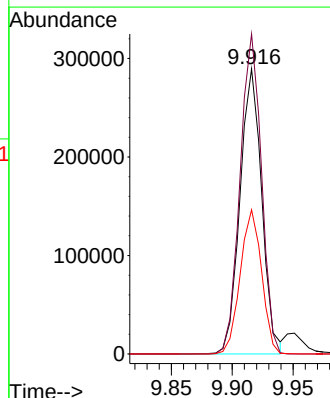
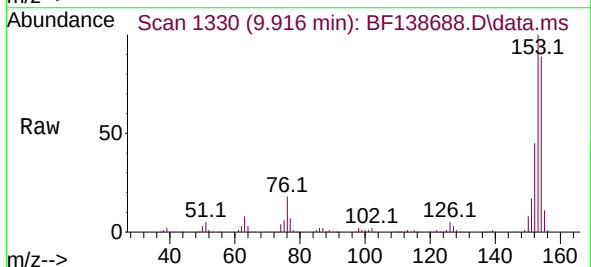
Tgt Ion:154 Resp: 359484

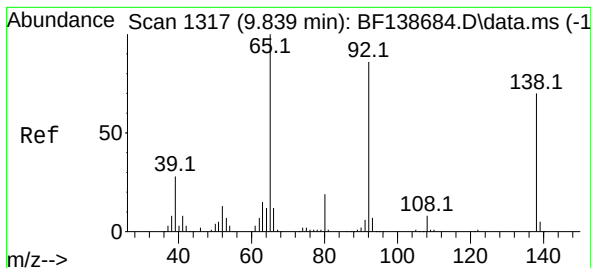
Ion Ratio Lower Upper

154 100

153 112.2 89.9 134.9

152 50.6 40.6 60.8





#53

3-Nitroaniline

Concen: 38.306 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

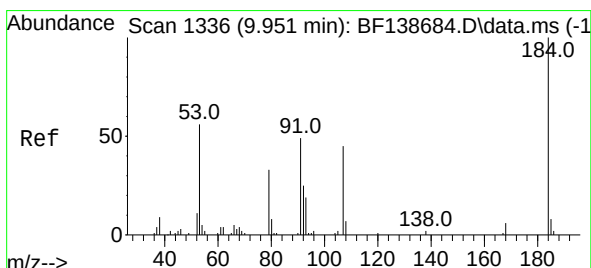
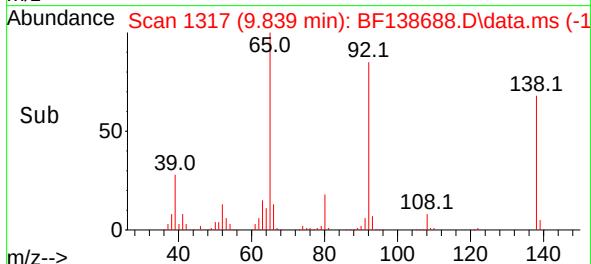
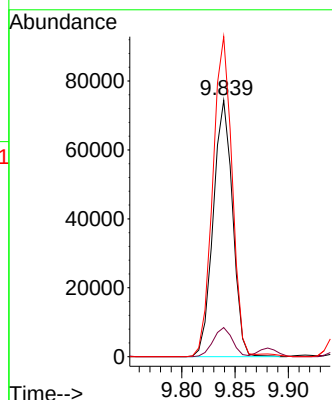
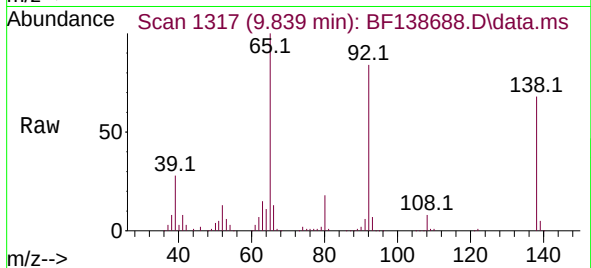
Tgt Ion:138 Resp: 93752

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

92 124.8 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 39.106 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

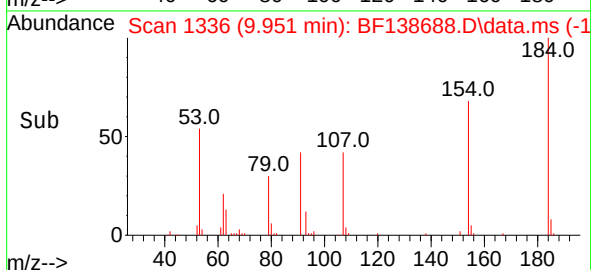
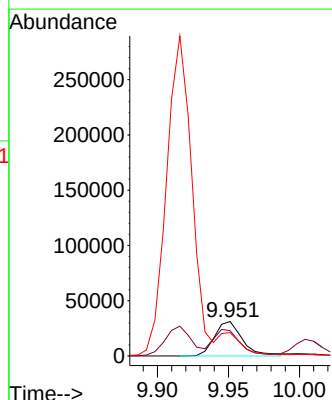
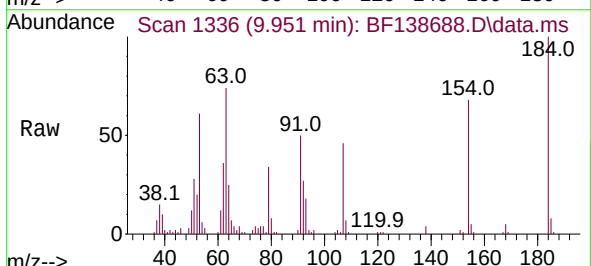
Tgt Ion:184 Resp: 42619

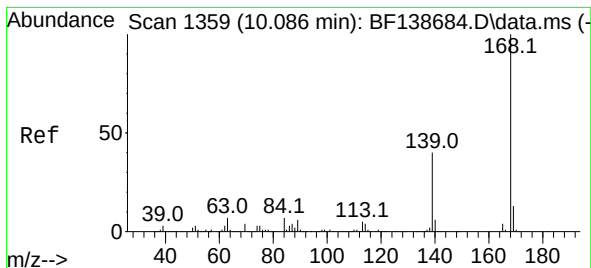
Ion Ratio Lower Upper

184 100

63 73.7 57.5 86.3

154 67.8 51.7 77.5





#55

Dibenzofuran

Concen: 38.997 ng

RT: 10.086 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

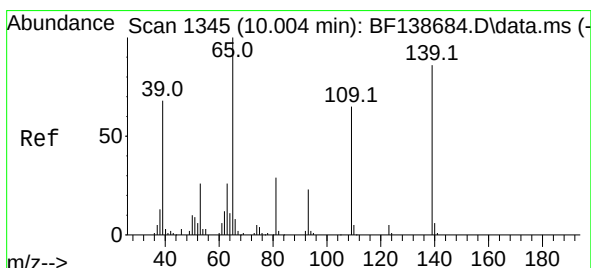
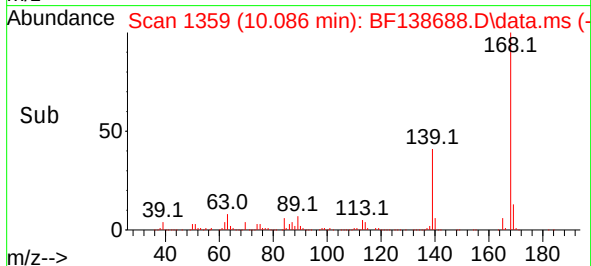
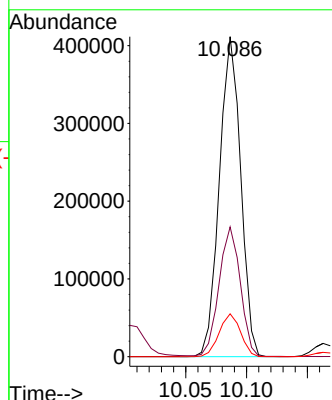
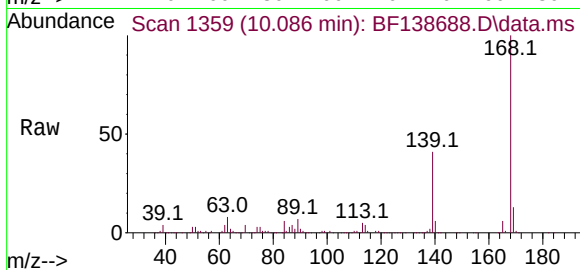
Tgt Ion:168 Resp: 501545

Ion Ratio Lower Upper

168 100

139 40.5 32.6 49.0

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 39.336 ng

RT: 10.004 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

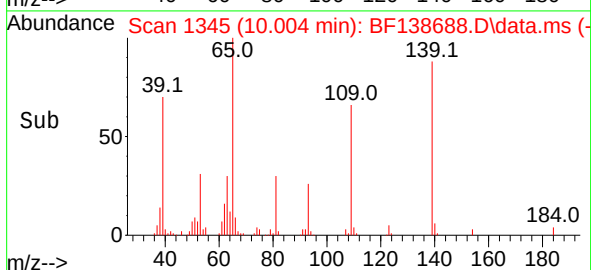
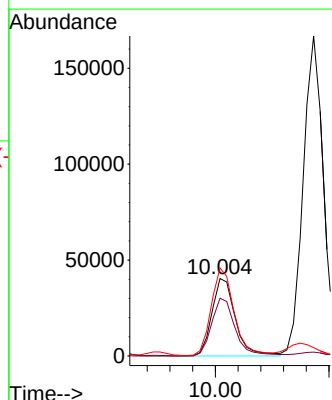
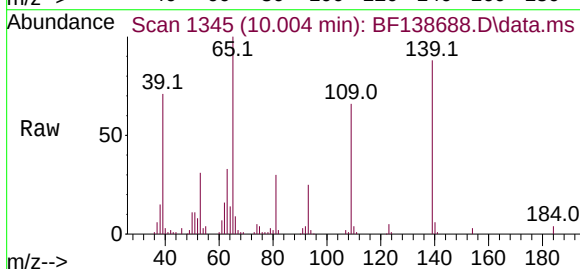
Tgt Ion:139 Resp: 57893

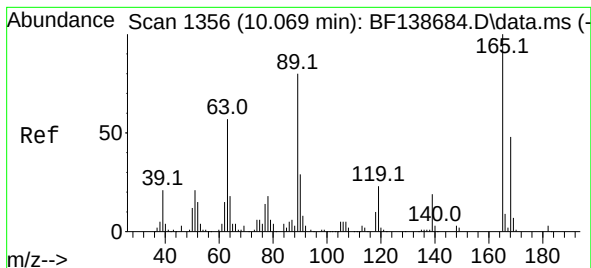
Ion Ratio Lower Upper

139 100

109 74.6 55.5 95.5

65 113.6 96.7 136.7





#57

2,4-Dinitrotoluene

Concen: 38.673 ng

RT: 10.075 min Scan# 1417

Delta R.T. 0.006 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

Tgt Ion:165 Resp: 116813

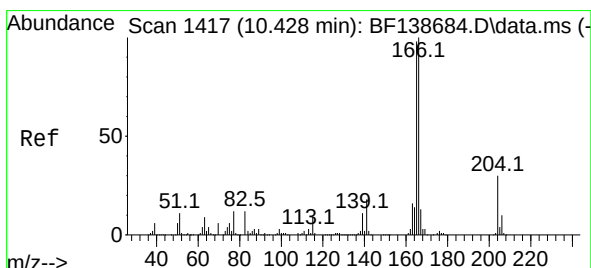
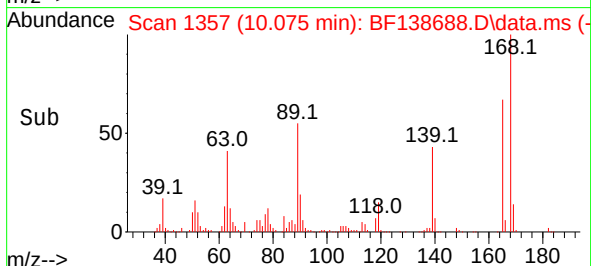
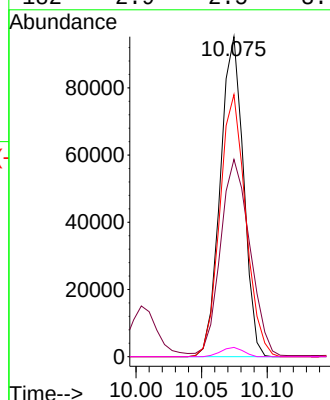
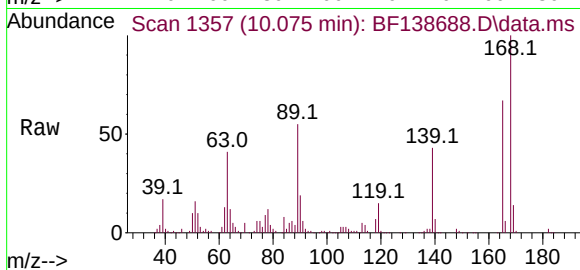
Ion Ratio Lower Upper

165 100

63 61.6 46.3 69.5

89 81.9 64.2 96.4

182 2.9 2.5 3.7



#58

Fluorene

Concen: 38.661 ng

RT: 10.428 min Scan# 1417

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

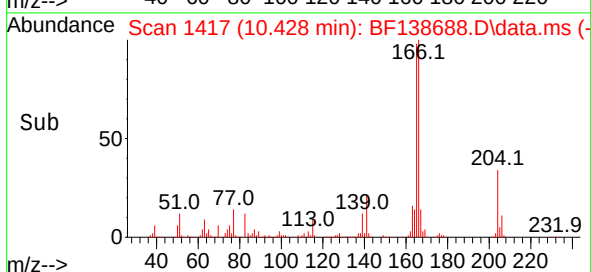
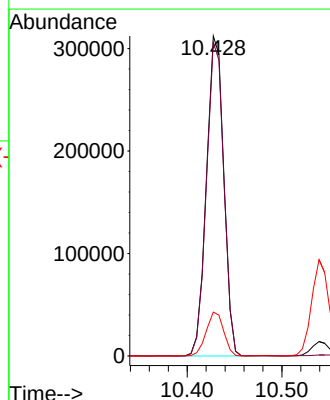
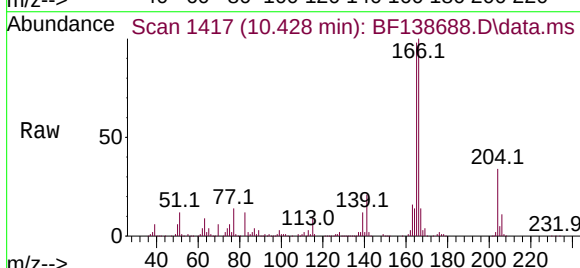
Tgt Ion:166 Resp: 395954

Ion Ratio Lower Upper

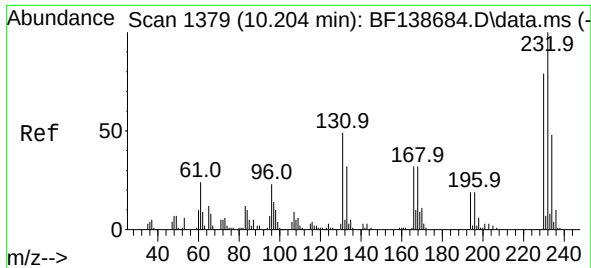
166 100

165 98.0 78.4 117.6

167 13.7 10.6 16.0

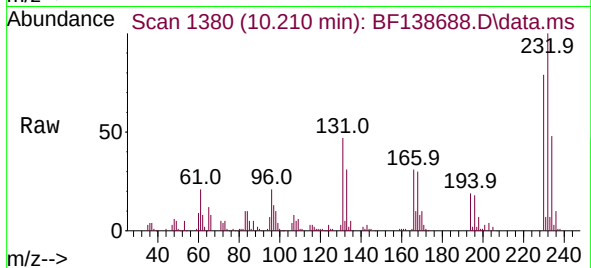




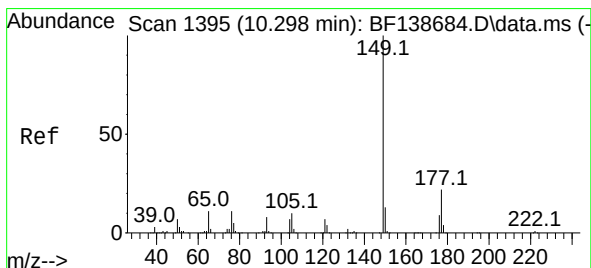
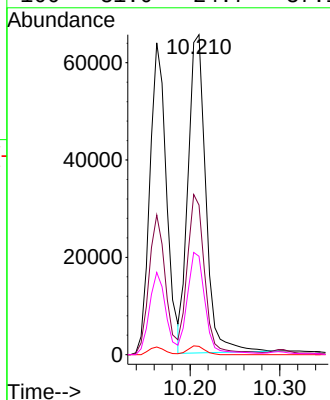
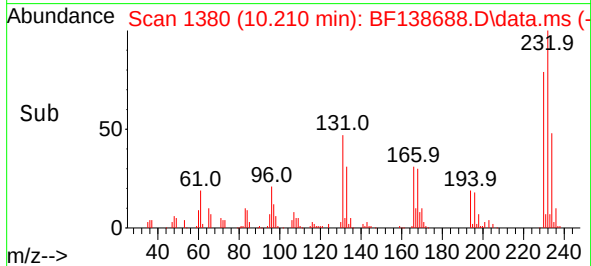


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.680 ng  
RT: 10.210 min Scan# 1380  
Delta R.T. 0.006 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

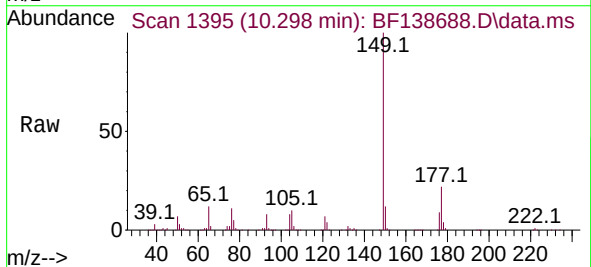
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024



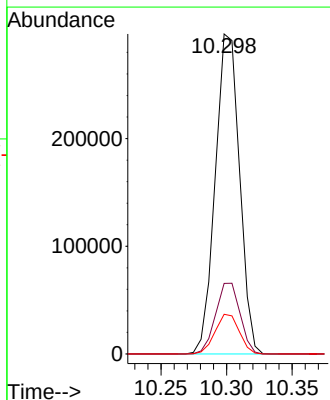
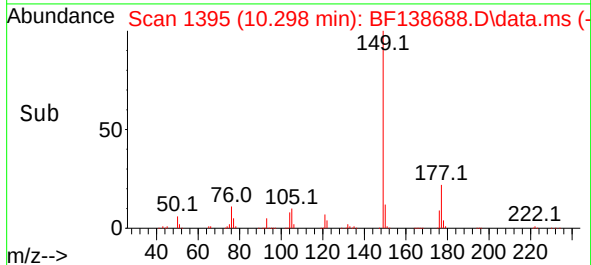
Tgt Ion:232 Resp: 89831  
Ion Ratio Lower Upper  
232 100  
131 49.2 37.0 55.4  
130 2.6 2.0 3.0  
166 31.0 24.7 37.1

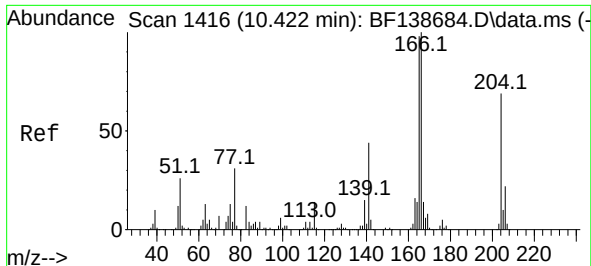


#60  
Diethylphthalate  
Concen: 38.447 ng  
RT: 10.298 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55



Tgt Ion:149 Resp: 382418  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.8 26.8  
150 12.4 10.1 15.1

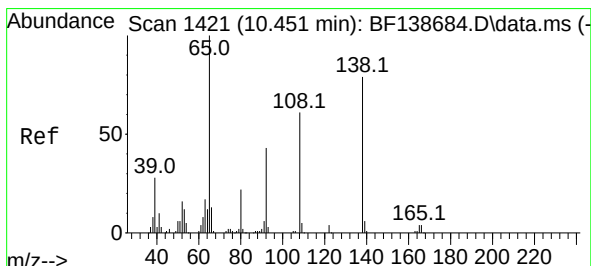
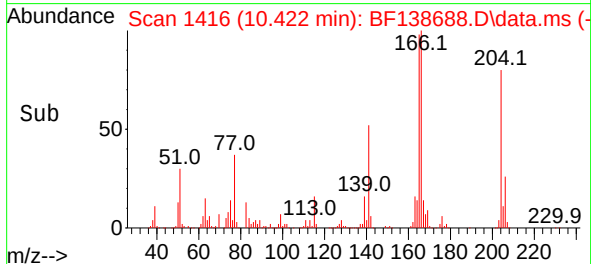
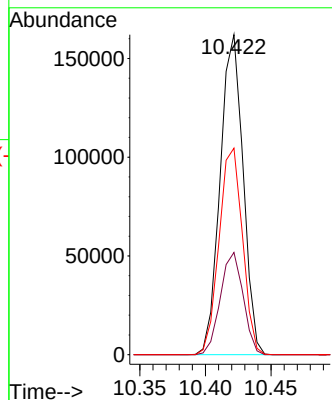
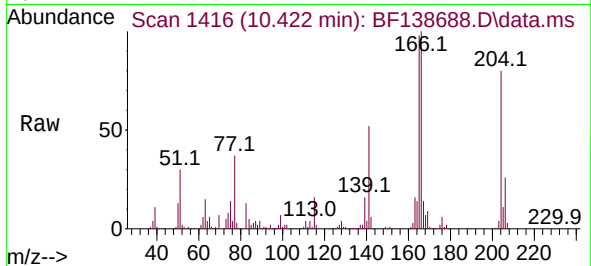




#61  
4-Chlorophenyl-phenylether  
Concen: 39.091 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

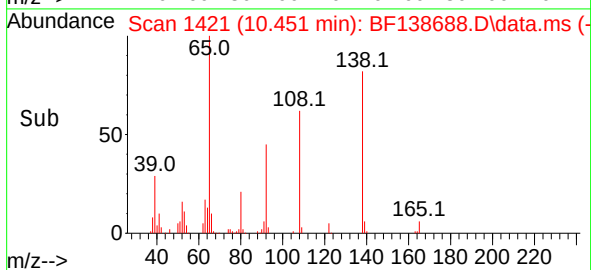
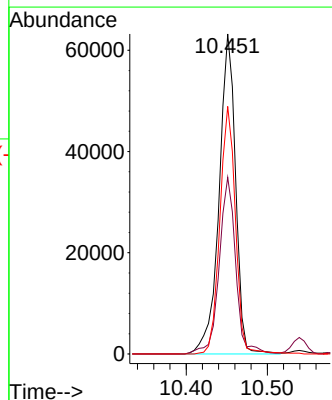
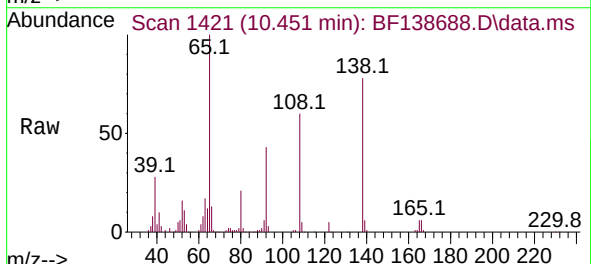
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

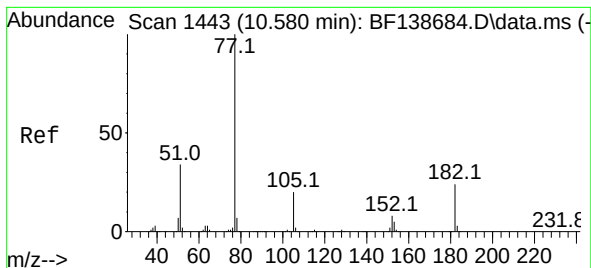
Tgt Ion:204 Resp: 196905  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.1 39.1  
141 64.5 51.4 77.0



#62  
4-Nitroaniline  
Concen: 38.525 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:138 Resp: 89602  
Ion Ratio Lower Upper  
138 100  
92 55.2 34.2 74.2  
108 77.4 56.2 96.2





#63

Azobenzene

Concen: 38.622 ng

RT: 10.580 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

Tgt Ion: 77 Resp: 426075

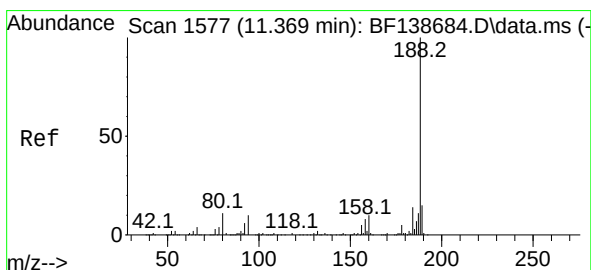
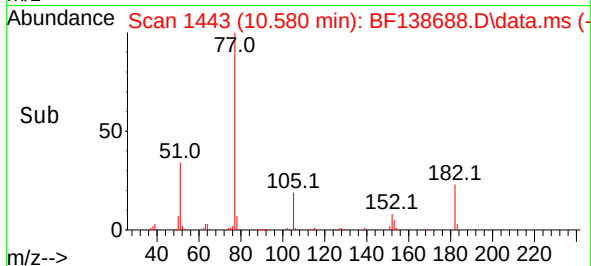
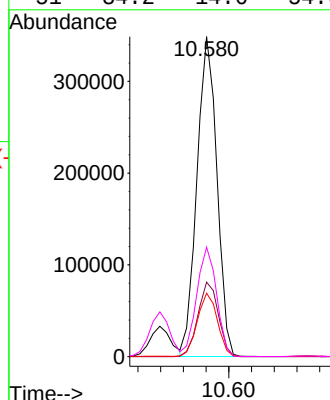
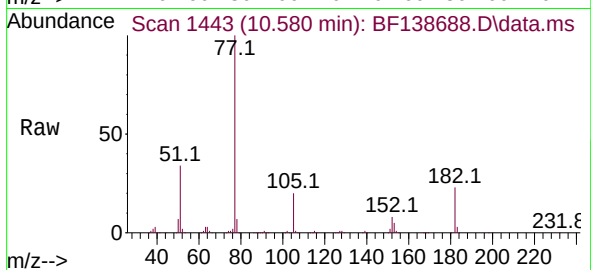
Ion Ratio Lower Upper

77 100

182 23.3 3.4 43.4

105 19.9 0.2 40.2

51 34.2 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

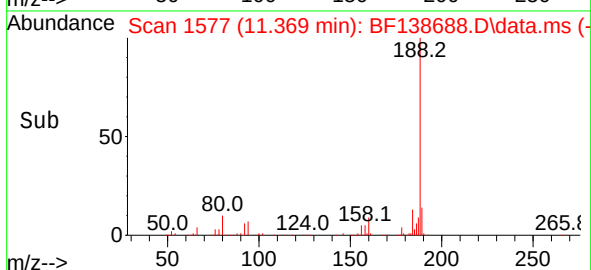
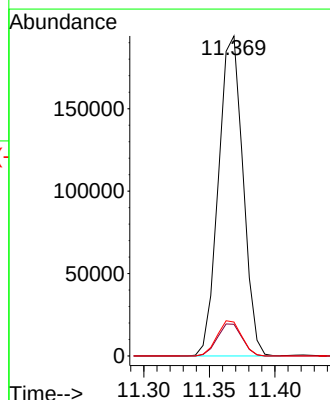
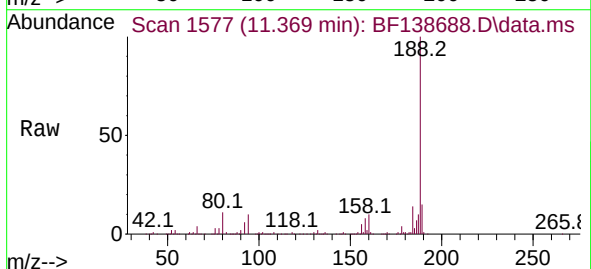
Tgt Ion: 188 Resp: 252048

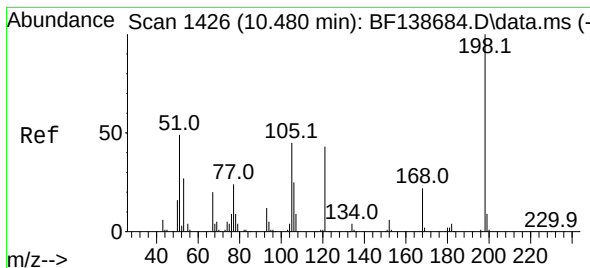
Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.6 8.6 12.8

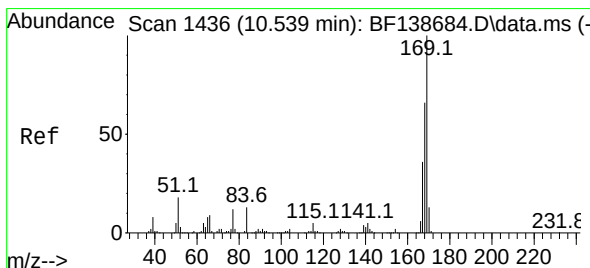
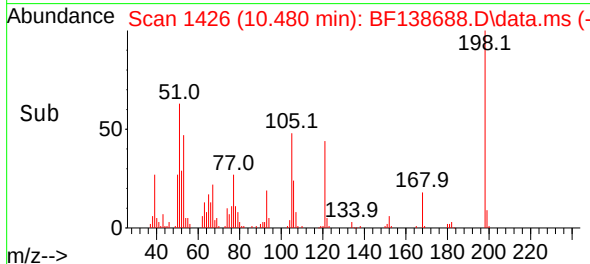
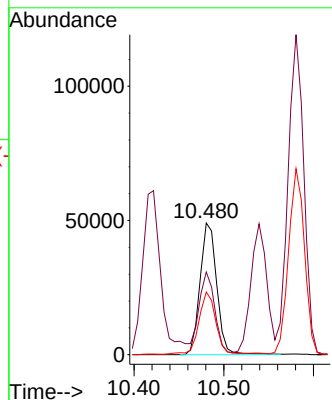
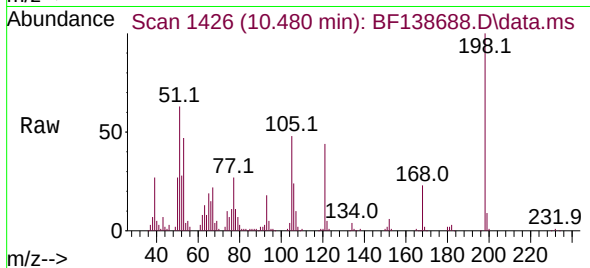




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.323 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

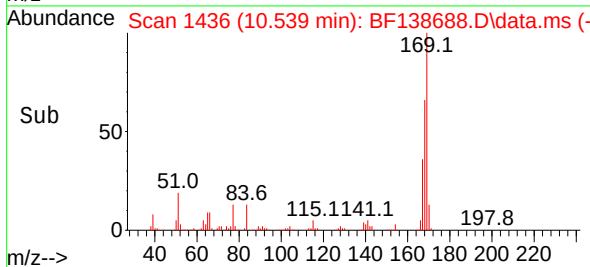
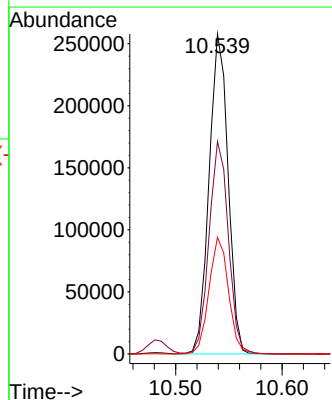
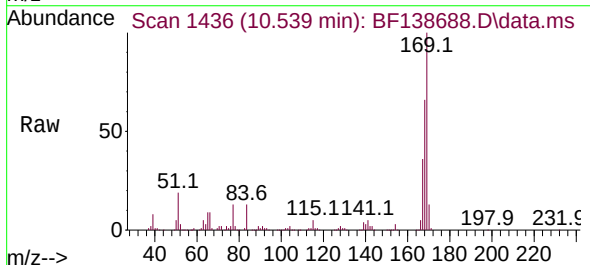
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

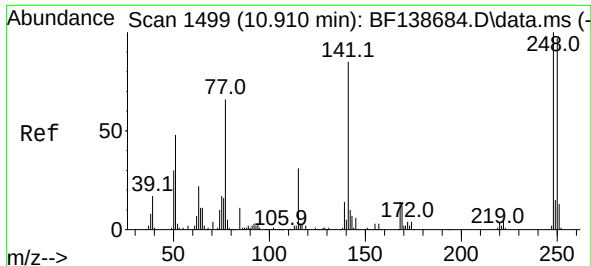
Tgt Ion:198 Resp: 63542  
Ion Ratio Lower Upper  
198 100  
51 62.8 39.9 79.9  
105 47.6 26.1 66.1



#66  
n-Nitrosodiphenylamine  
Concen: 40.561 ng  
RT: 10.539 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:169 Resp: 319562  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.0 79.6  
167 36.5 29.0 43.6

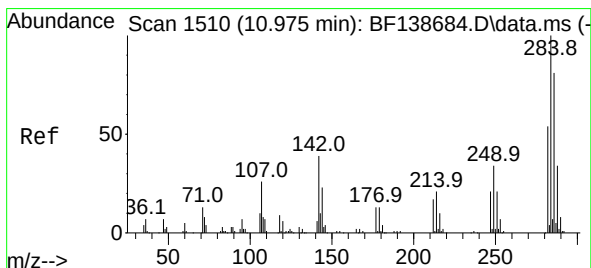
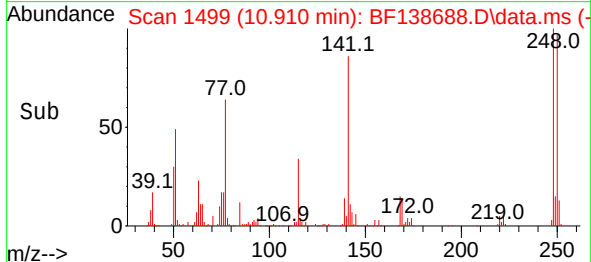
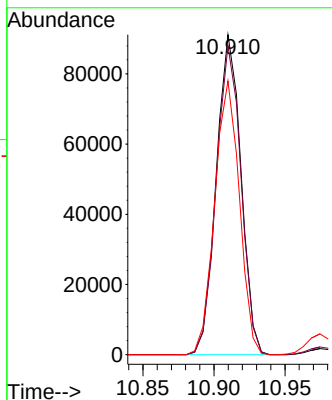
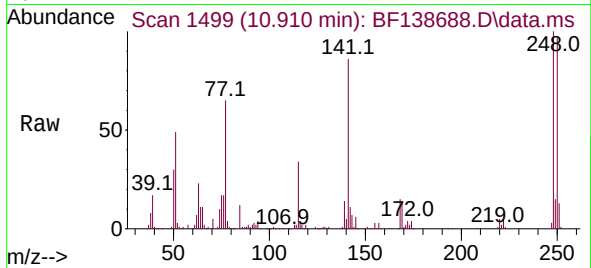




#67  
4-Bromophenyl-phenylether  
Concen: 40.390 ng  
RT: 10.910 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

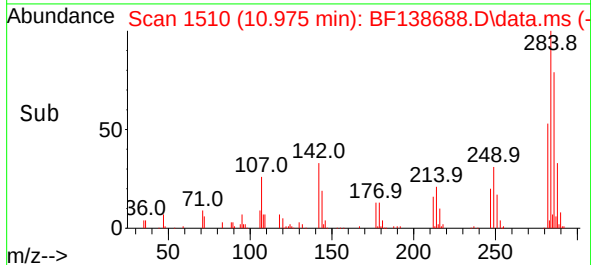
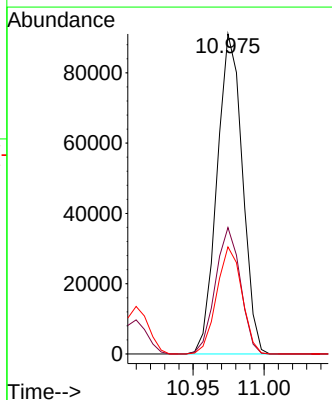
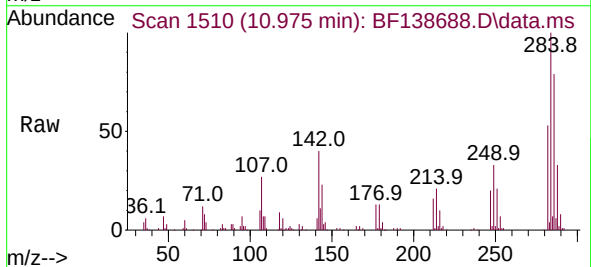
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

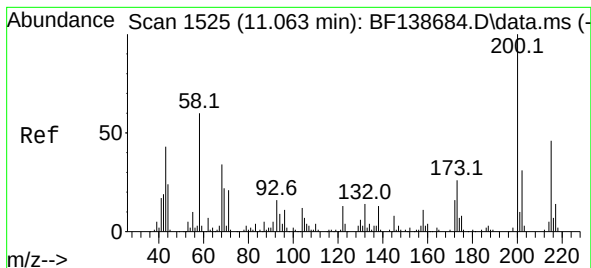
Tgt Ion:248 Resp: 110219  
Ion Ratio Lower Upper  
248 100  
250 96.6 77.7 116.5  
141 85.6 68.0 102.0



#68  
Hexachlorobenzene  
Concen: 40.147 ng  
RT: 10.975 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:284 Resp: 113117  
Ion Ratio Lower Upper  
284 100  
142 39.5 31.3 46.9  
249 33.5 27.2 40.8





#69

Atrazine

Concen: 39.654 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

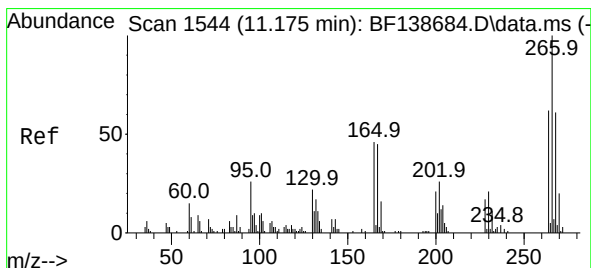
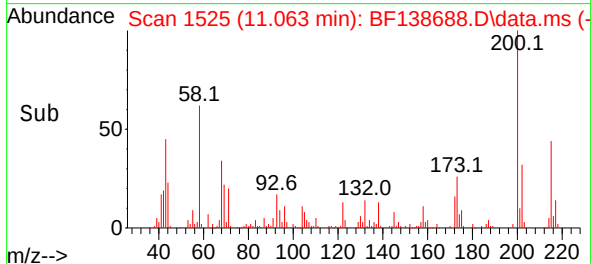
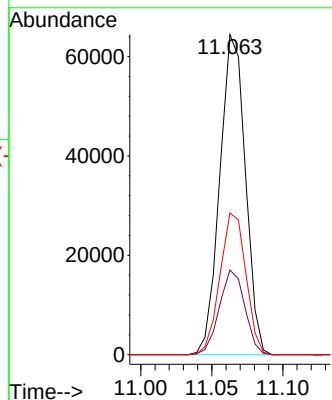
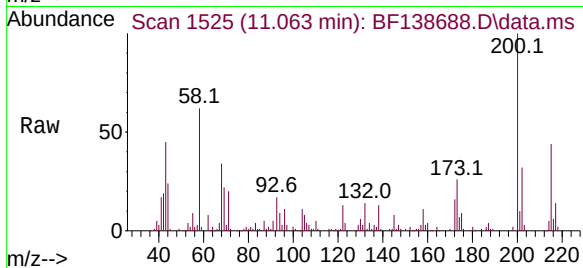
Tgt Ion:200 Resp: 80604

Ion Ratio Lower Upper

200 100

173 26.5 6.0 46.0

215 44.3 26.1 66.1



#70

Pentachlorophenol

Concen: 40.788 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

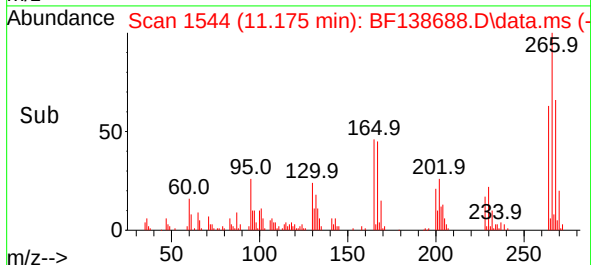
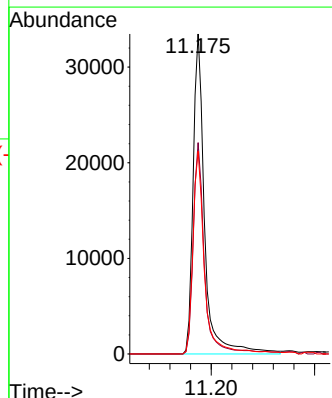
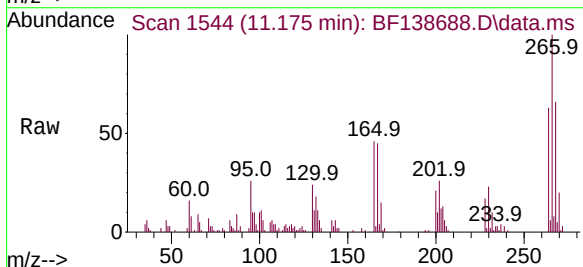
Tgt Ion:266 Resp: 51801

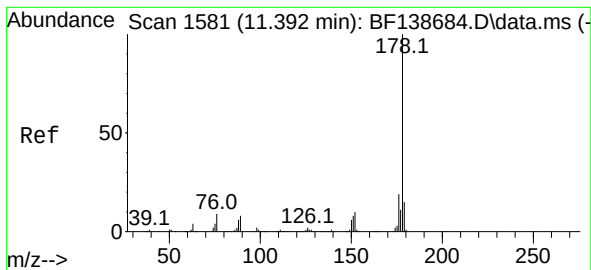
Ion Ratio Lower Upper

266 100

268 66.0 49.2 73.8

264 63.4 49.8 74.6

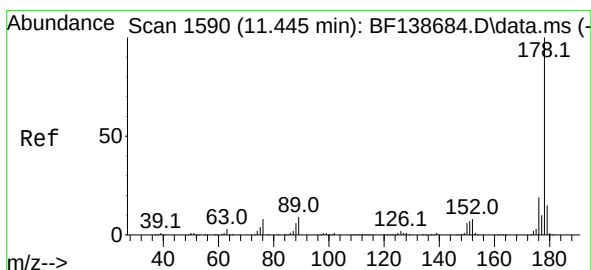
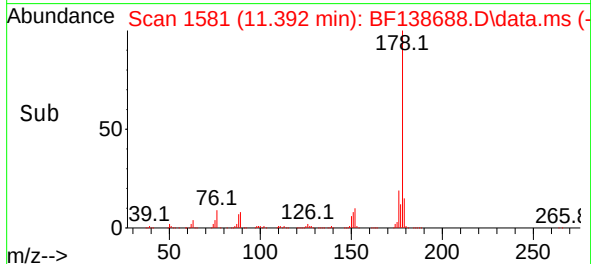
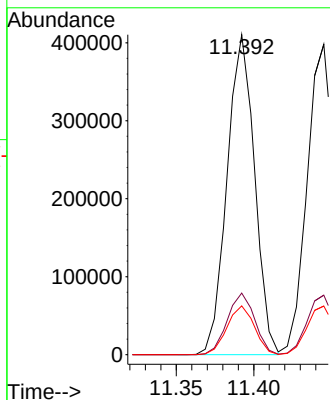
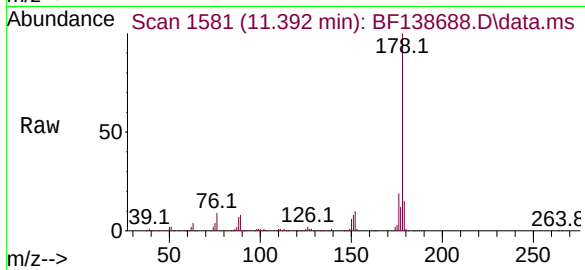




#71  
Phenanthrene  
Concen: 39.036 ng  
RT: 11.392 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

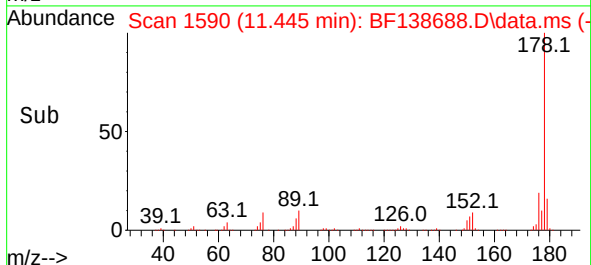
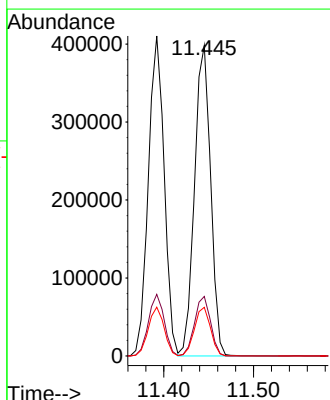
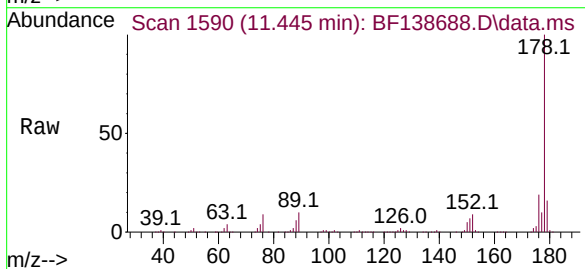
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

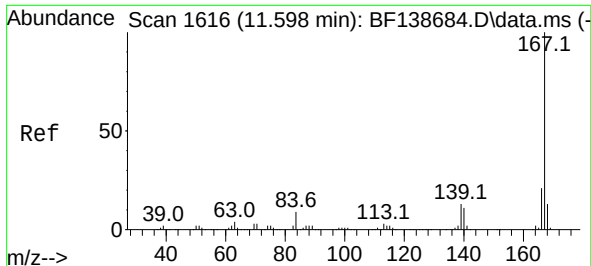
Tgt Ion:178 Resp: 506626  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.3 12.2 18.2



#72  
Anthracene  
Concen: 38.817 ng  
RT: 11.445 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

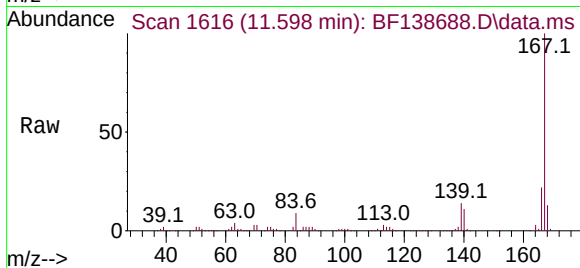
Tgt Ion:178 Resp: 496297  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.9 22.3  
179 15.7 12.4 18.6



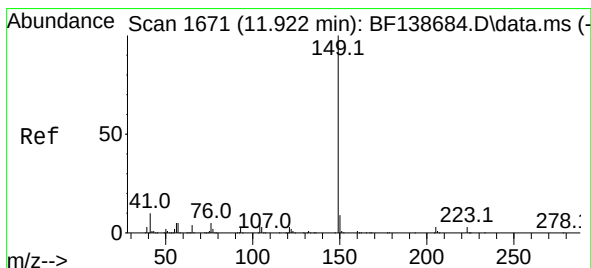
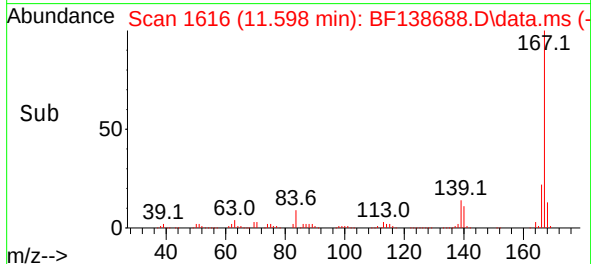
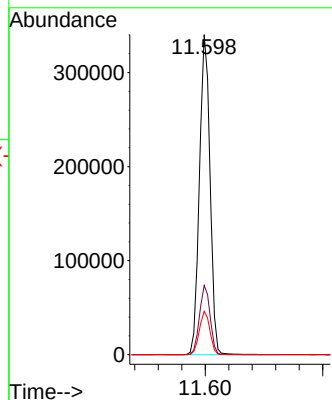


#73  
Carbazole  
Concen: 38.546 ng  
RT: 11.598 min Scan# 1616  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

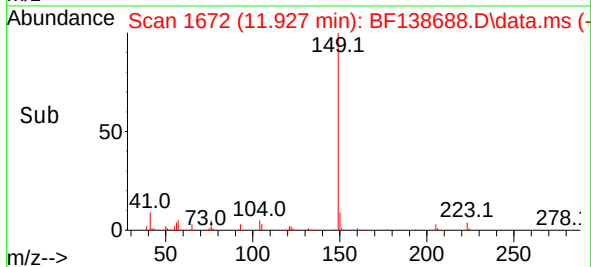
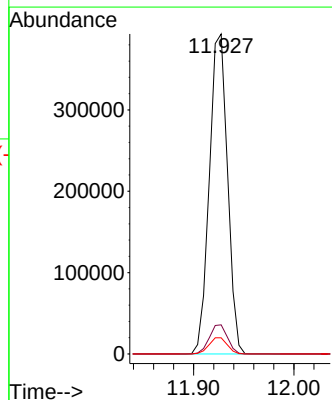
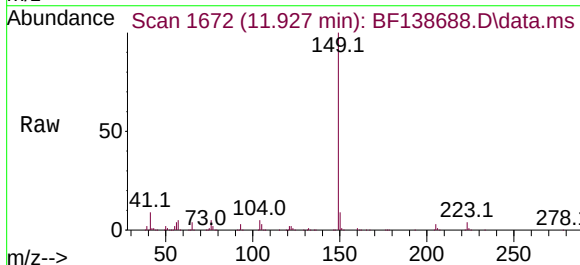


Tgt Ion:167 Resp: 425187  
Ion Ratio Lower Upper  
167 100  
166 21.6 17.2 25.8  
139 13.6 10.6 16.0

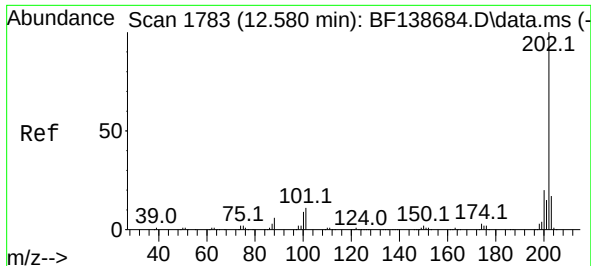


#74  
Di-n-butylphthalate  
Concen: 40.010 ng  
RT: 11.927 min Scan# 1672  
Delta R.T. 0.006 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:149 Resp: 496140  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.4 11.0  
104 5.0 4.1 6.1



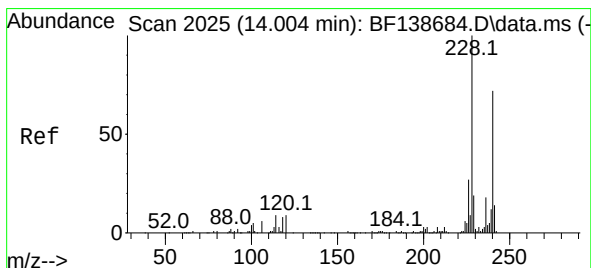
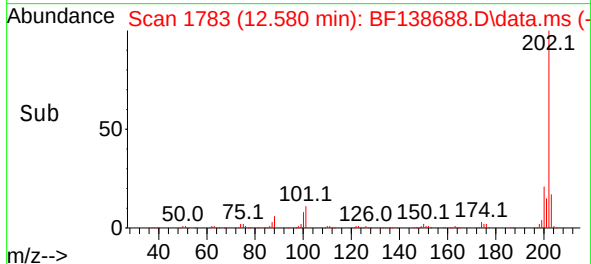
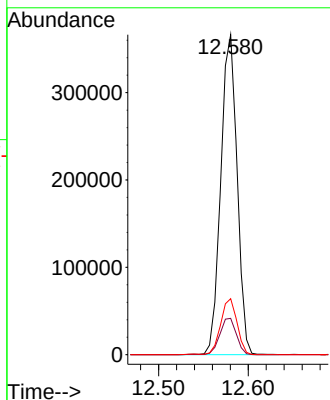
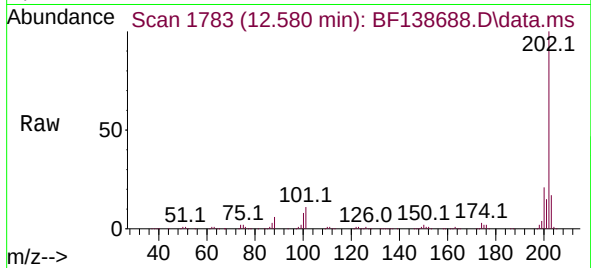




#75  
Fluoranthene  
Concen: 38.250 ng  
RT: 12.580 min Scan# 1783  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

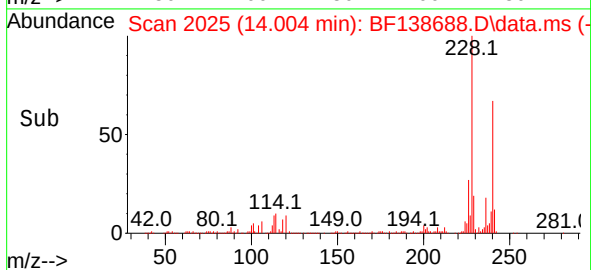
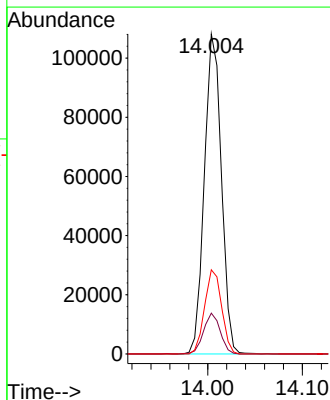
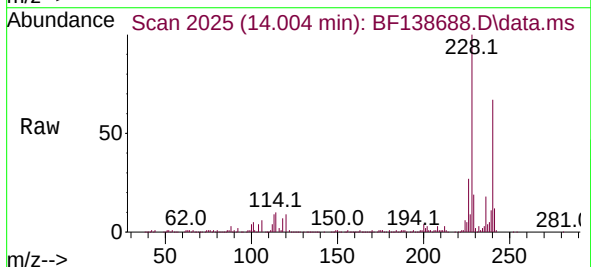
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

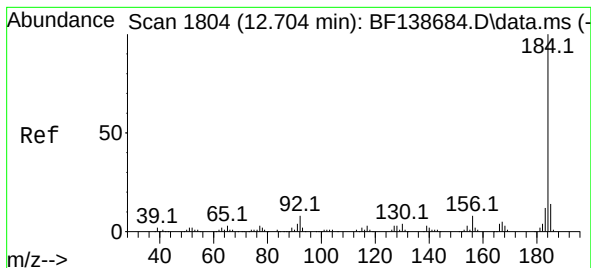
Tgt Ion:202 Resp: 463445  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 31.2  
203 17.5 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:240 Resp: 134464  
Ion Ratio Lower Upper  
240 100  
120 12.7 10.2 15.4  
236 26.3 19.8 29.8





#77

Benzidine

Concen: 41.166 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

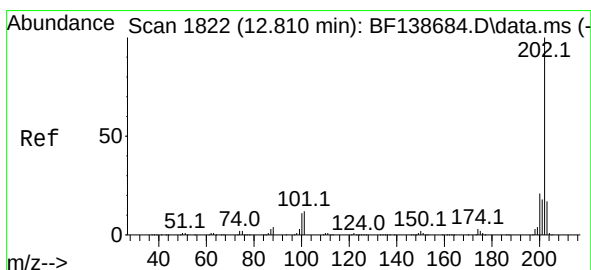
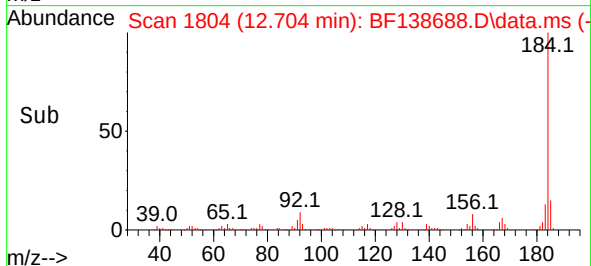
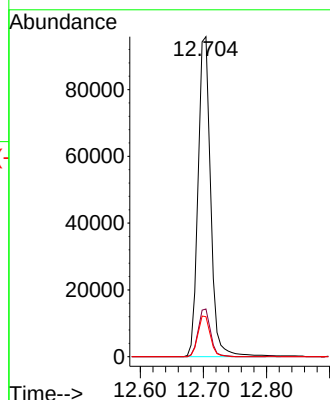
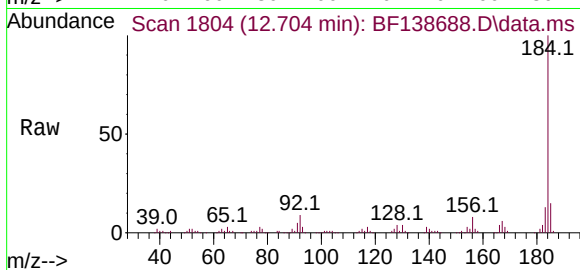
Tgt Ion:184 Resp: 132396

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

183 12.5 9.6 14.4



#78

Pyrene

Concen: 36.907 ng

RT: 12.810 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

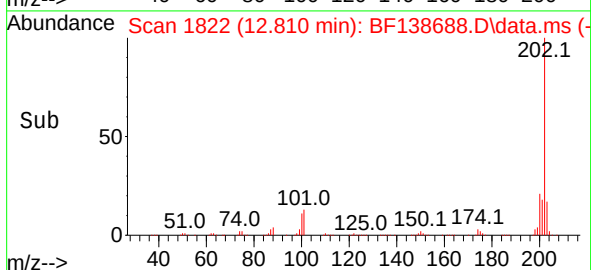
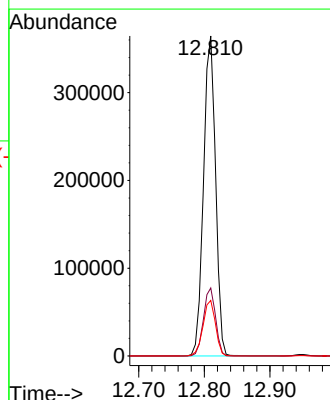
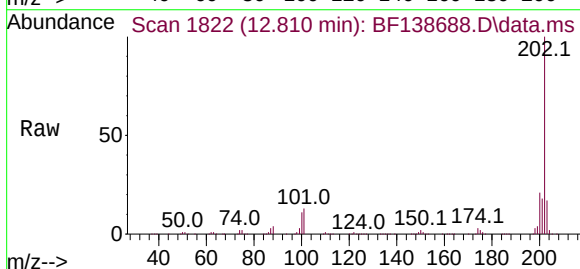
Tgt Ion:202 Resp: 467254

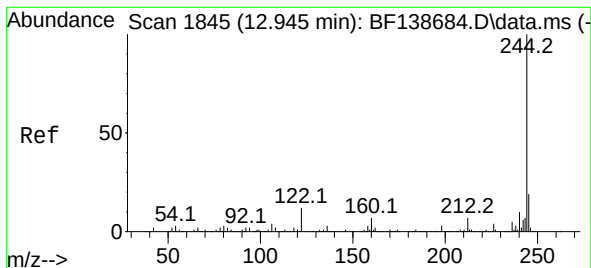
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 73.396 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138688.D

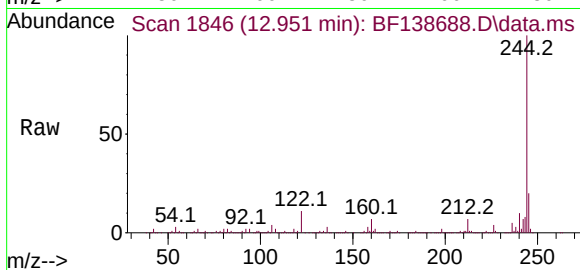
Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024



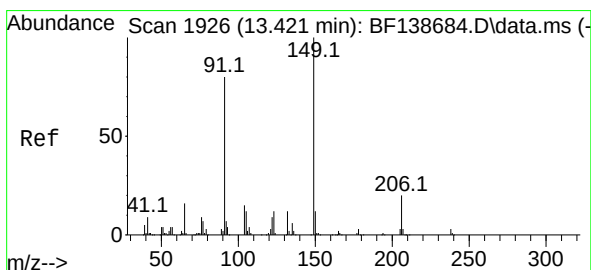
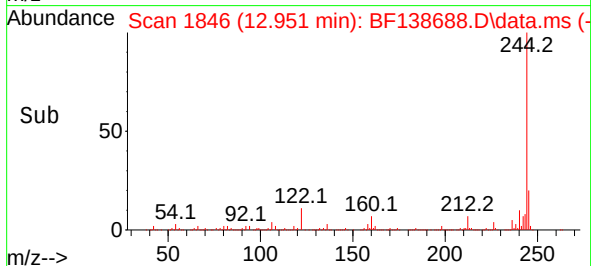
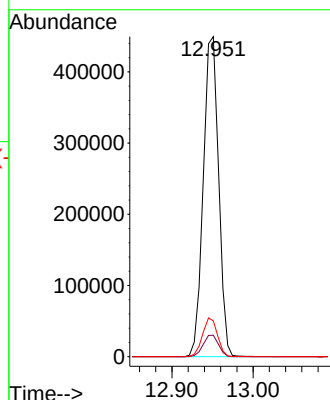
Tgt Ion:244 Resp: 589459

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.2 9.6 14.4



#80

Butylbenzylphthalate

Concen: 42.425 ng

RT: 13.421 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

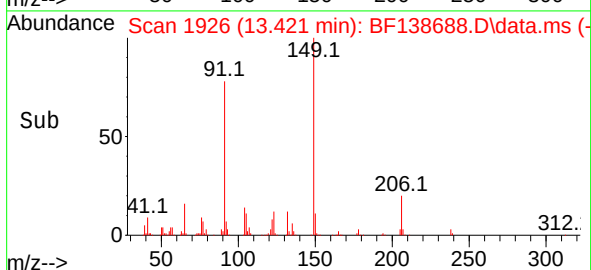
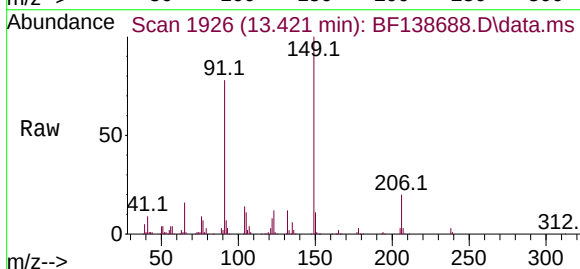
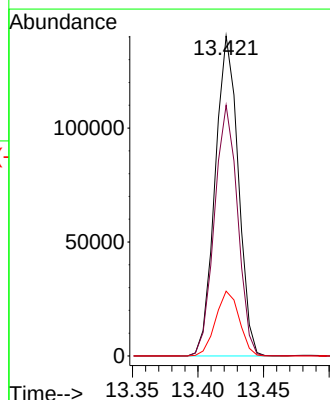
Tgt Ion:149 Resp: 171996

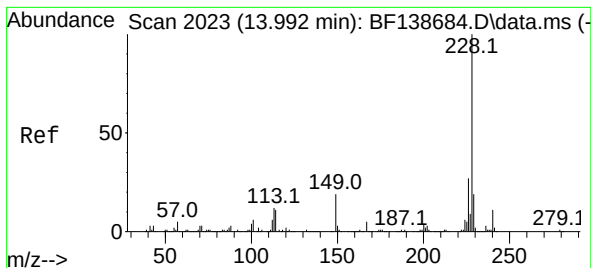
Ion Ratio Lower Upper

149 100

91 78.3 63.7 95.5

206 20.3 16.2 24.2

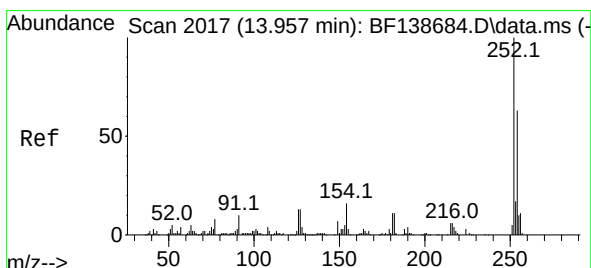
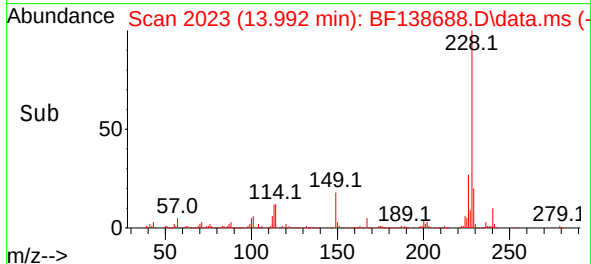
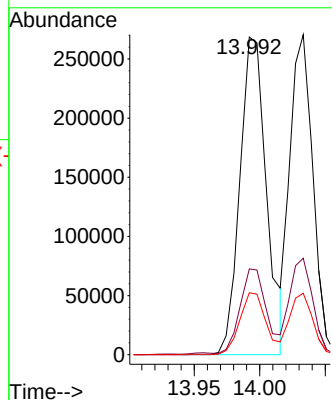
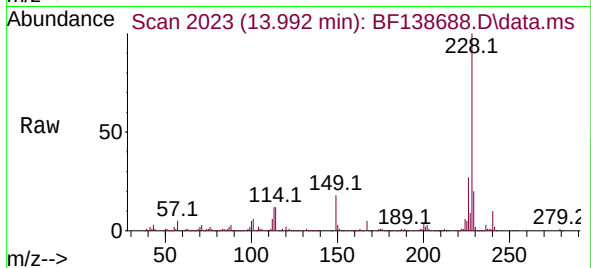




#81  
Benzo(a)anthracene  
Concen: 40.994 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

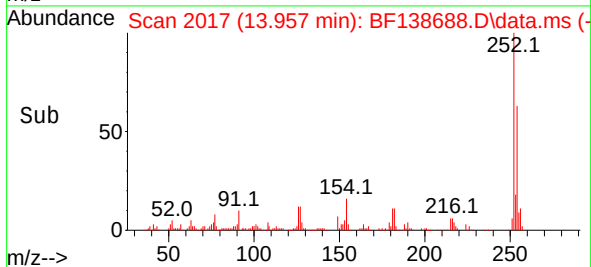
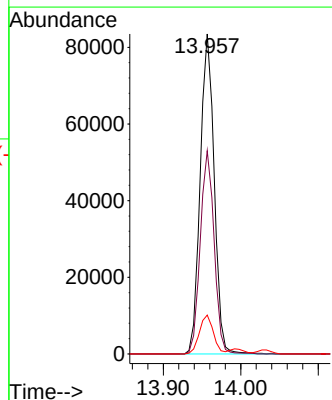
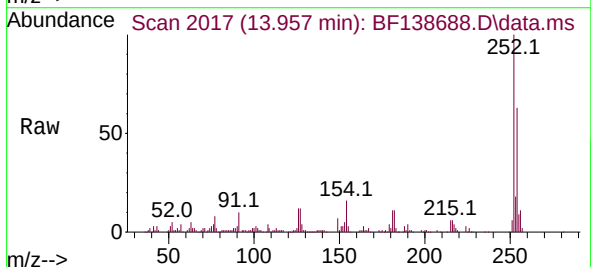
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

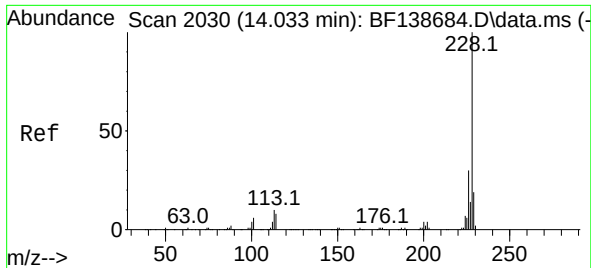
Tgt Ion:228 Resp: 379585  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.1 33.1  
229 19.5 15.4 23.0



#82  
3,3'-Dichlorobenzidine  
Concen: 44.160 ng  
RT: 13.957 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:252 Resp: 104638  
Ion Ratio Lower Upper  
252 100  
254 63.5 50.8 76.2  
126 12.1 10.2 15.2

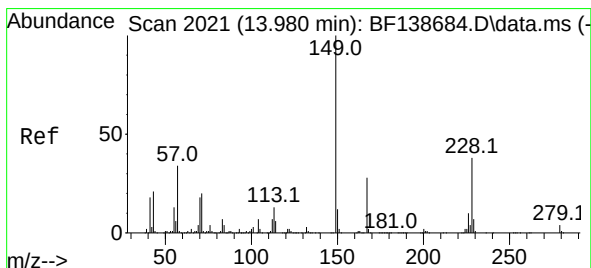
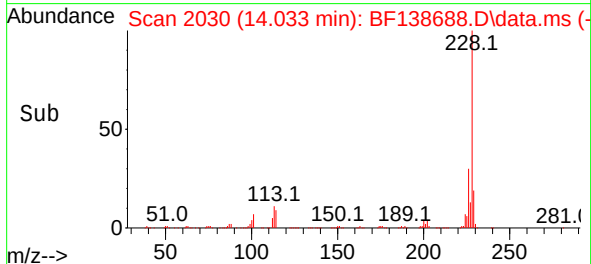
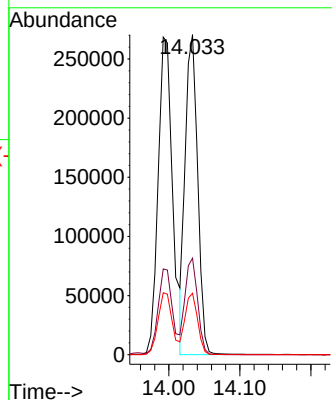
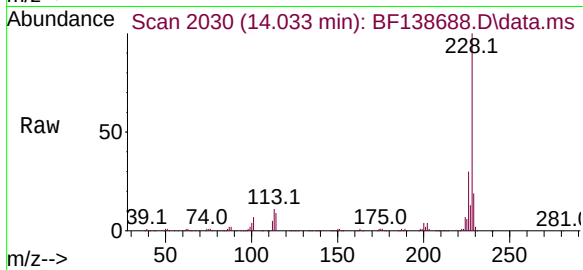




#83  
Chrysene  
Concen: 39.308 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

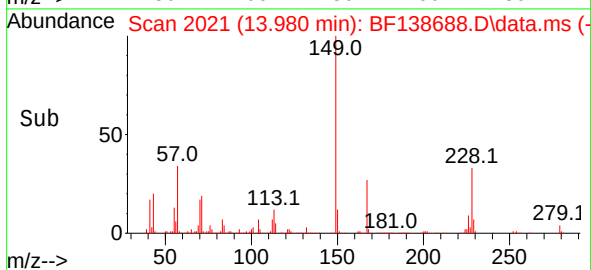
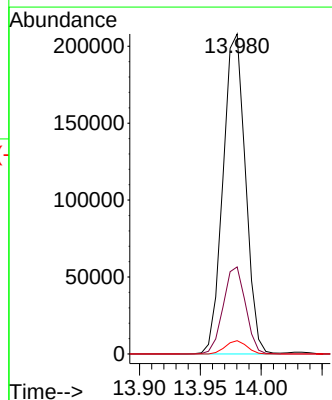
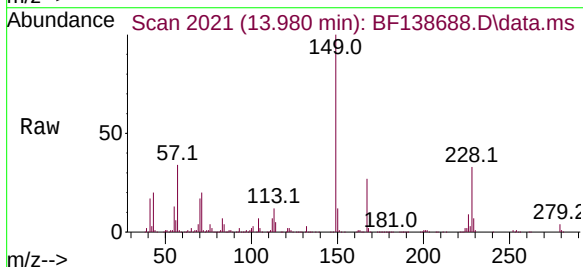
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF073024

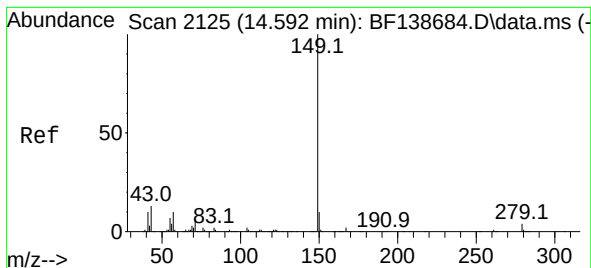
Tgt Ion:228 Resp: 328373  
Ion Ratio Lower Upper  
228 100  
226 30.1 23.7 35.5  
229 19.2 15.0 22.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.921 ng  
RT: 13.980 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BF138688.D  
Acq: 30 Jul 2024 17:55

Tgt Ion:149 Resp: 266678  
Ion Ratio Lower Upper  
149 100  
167 27.2 22.2 33.4  
279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 44.183 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

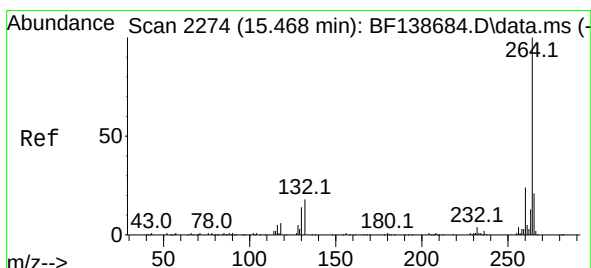
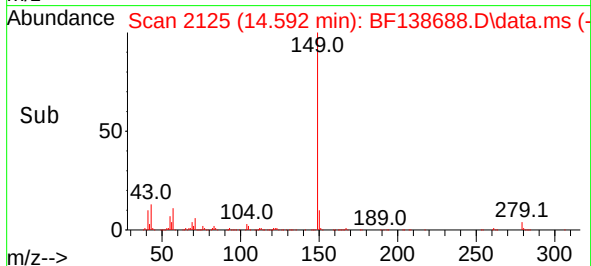
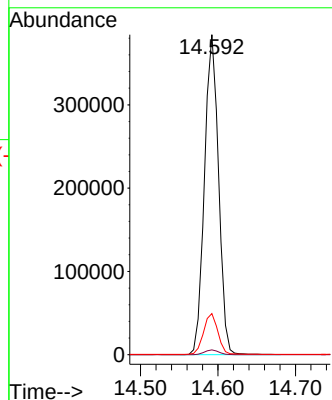
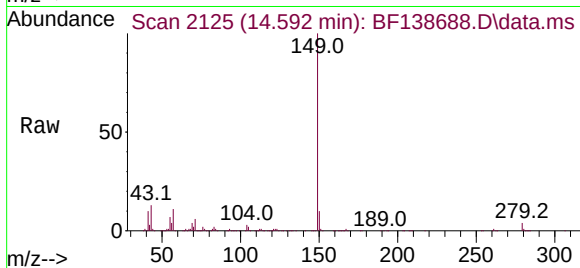
Tgt Ion:149 Resp: 485296

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 13.0 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

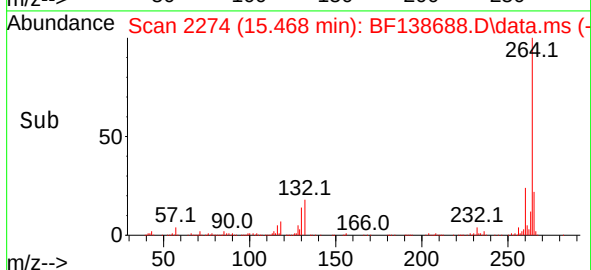
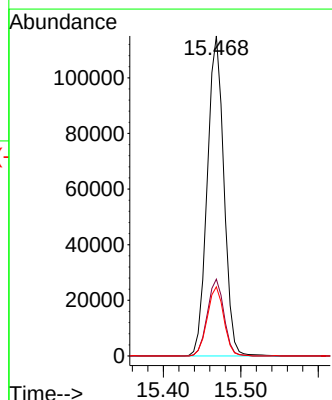
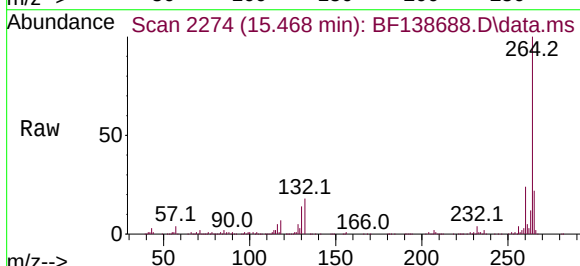
Tgt Ion:264 Resp: 171097

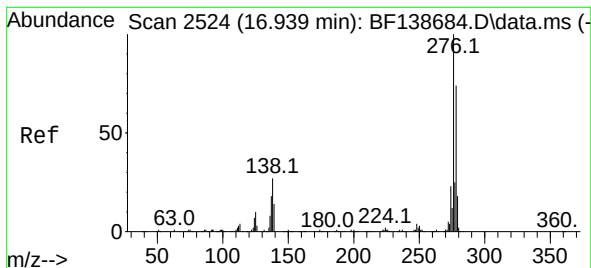
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.463 ng

RT: 16.939 min Scan# 2524

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

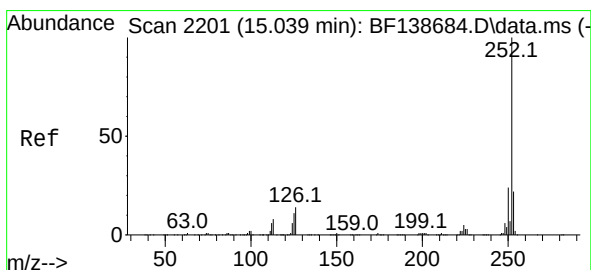
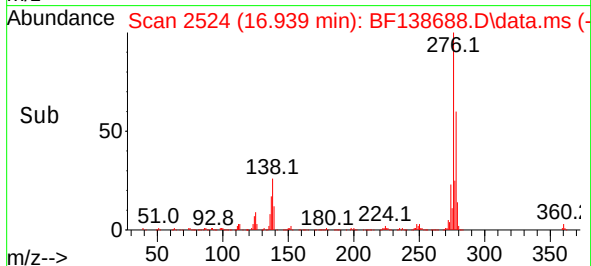
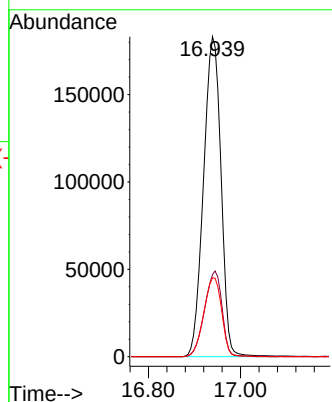
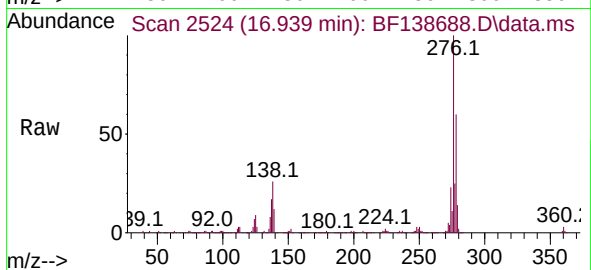
Tgt Ion:276 Resp: 483878

Ion Ratio Lower Upper

276 100

138 26.8 21.8 32.8

277 25.2 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 38.172 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

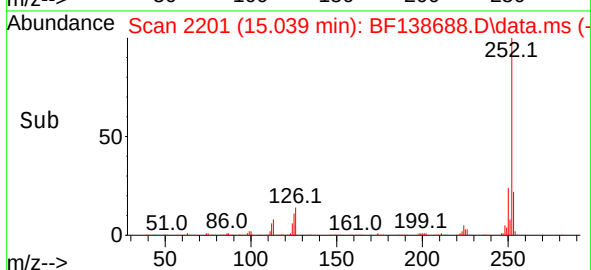
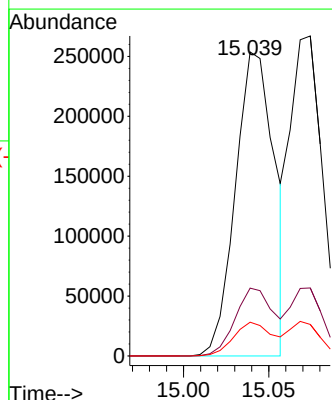
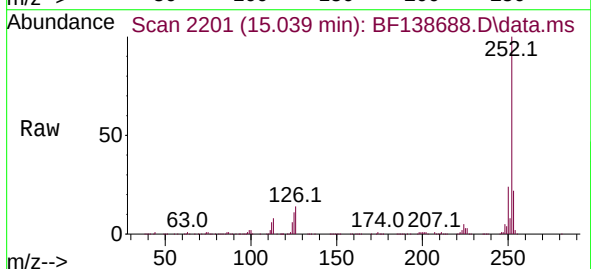
Tgt Ion:252 Resp: 404868

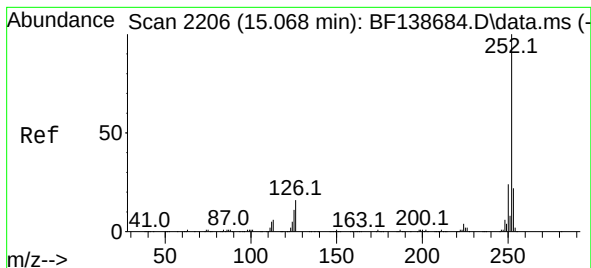
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 11.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 38.430 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

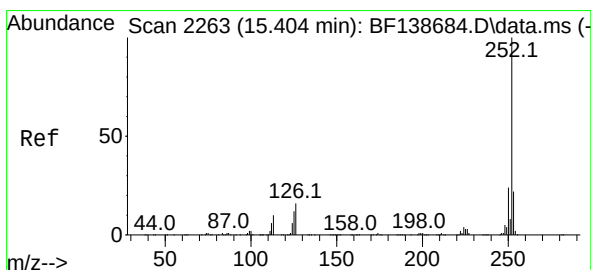
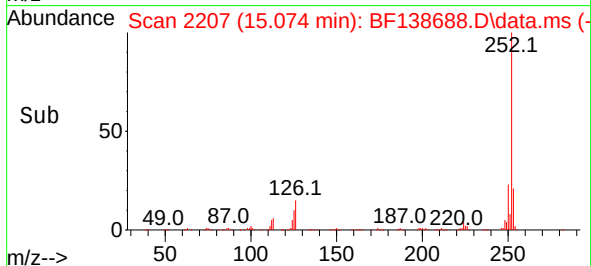
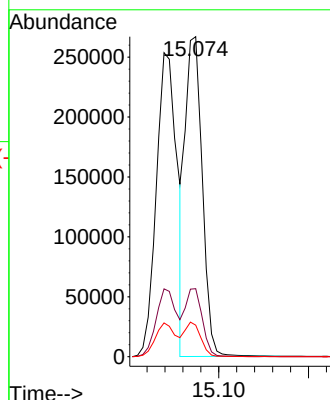
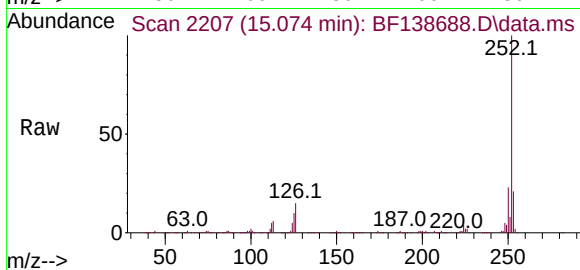
Tgt Ion:252 Resp: 352910

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.9 8.6 13.0



#90

Benzo(a)pyrene

Concen: 39.920 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

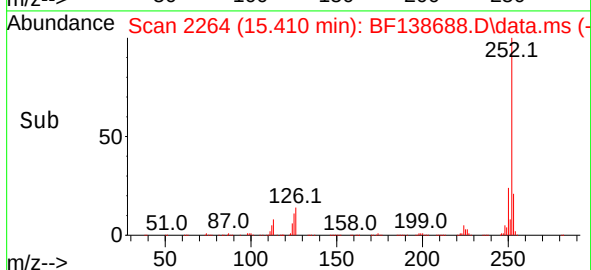
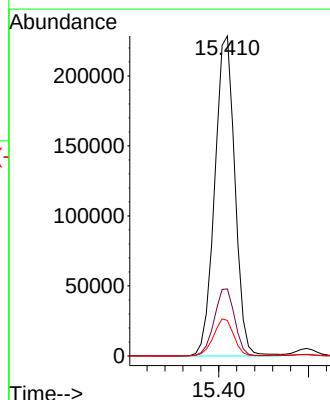
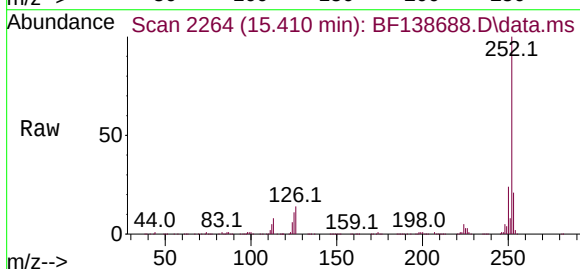
Tgt Ion:252 Resp: 356148

Ion Ratio Lower Upper

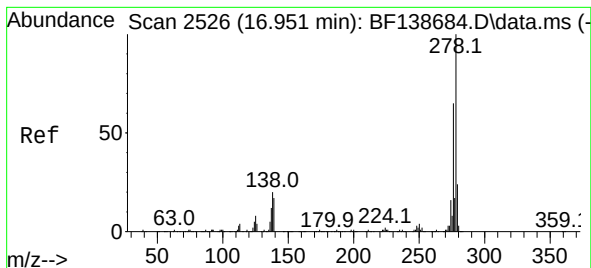
252 100

253 21.0 17.3 25.9

125 11.1 9.5 14.3







#91

Dibenzo(a,h)anthracene

Concen: 39.089 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Instrument :

BNA\_F

ClientSampleId :

ICVBF073024

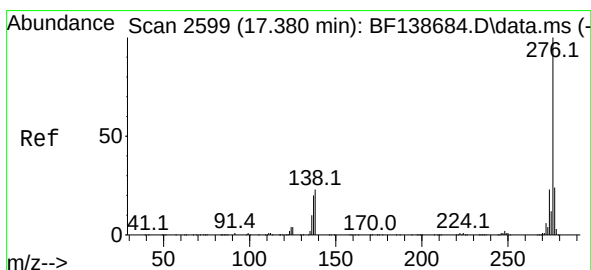
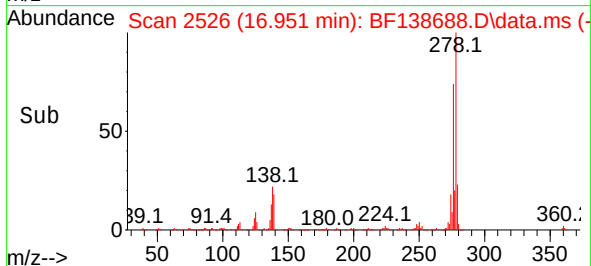
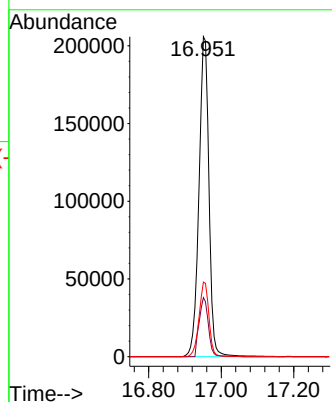
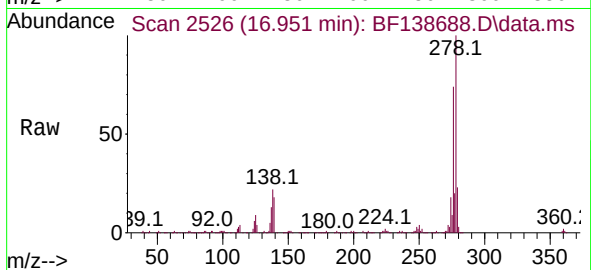
Tgt Ion:278 Resp: 393430

Ion Ratio Lower Upper

278 100

139 18.4 14.0 21.0

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 39.457 ng

RT: 17.386 min Scan# 2600

Delta R.T. 0.006 min

Lab File: BF138688.D

Acq: 30 Jul 2024 17:55

Tgt Ion:276 Resp: 412115

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 22.0 18.5 27.7

