

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121624\  
 Data File : BF140861.D  
 Acq On : 16 Dec 2024 15:49  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Dec 16 16:51:06 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:38:27 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 71125    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.133  | 136  | 259532   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 148549   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.374 | 188  | 283911   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 189956   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 161062   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 530122   | 122.696 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 692405   | 120.993 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 646998   | 124.724 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 216378   | 123.158 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1287749  | 119.184 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 1435829  | 119.191 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.616  | 88   | 112534   | 60.469  | ng    | 99       |
| 3) Pyridine                   | 3.398  | 79   | 263425   | 61.121  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 138309   | 63.658  | ng    | 100      |
| 6) Aniline                    | 6.522  | 93   | 292063   | 59.690  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.645  | 128  | 288270   | 61.183  | ng    | 97       |
| 9) Benzaldehyde               | 6.410  | 77   | 170596   | 53.801  | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 360221   | 60.734  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.592  | 93   | 270334   | 61.117  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.792  | 146  | 326363   | 60.789  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 329906   | 60.537  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 306086   | 59.529  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 251539   | 61.475  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 307981   | 59.106  | ng    | 89       |
| 17) 2-Methylphenol            | 7.116  | 107  | 227597   | 60.504  | ng    | 100      |
| 18) Hexachloroethane          | 7.357  | 117  | 123680   | 60.962  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 202582   | 59.015  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 297926   | 59.728  | ng    | 93       |
| 22) Acetophenone              | 7.269  | 105  | 403586   | 62.164  | ng    | 98       |
| 24) Nitrobenzene              | 7.439  | 77   | 334236   | 62.893  | ng    | 99       |
| 25) Isophorone                | 7.681  | 82   | 544844   | 62.685  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.751  | 139  | 156696   | 64.020  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 177170   | 61.982  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.880  | 93   | 332048   | 61.166  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 246376   | 62.432  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 281649   | 62.258  | ng    | 100      |
| 31) Naphthalene               | 8.151  | 128  | 874776   | 61.360  | ng    | 100      |
| 32) Benzoic acid              | 7.957  | 122  | 184163   | 67.933  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 282583   | 59.681  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 185962   | 61.097  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 71386    | 60.761  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 266211   | 59.935  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 559572   | 59.336  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 550027   | 58.973  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 277082   | 60.686  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 81340    | 60.032  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.127  | 196  | 176148   | 63.005  | ng    | 98       |

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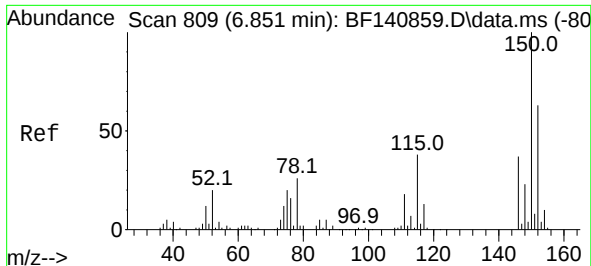
Quant Time: Dec 16 16:51:06 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.180  | 196  | 189802   | 61.766 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 701999   | 59.429 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 537602   | 59.491 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 168378   | 61.695 | ng    | 98       |
| 49) Acenaphthylene            | 9.751  | 152  | 794616   | 59.836 | ng    | 100      |
| 50) Dimethylphthalate         | 9.610  | 163  | 631578   | 60.305 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.680  | 165  | 143106   | 59.771 | ng    | 100      |
| 52) Acenaphthene              | 9.922  | 154  | 511499   | 60.297 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.857  | 138  | 144867   | 60.971 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 71344    | 62.619 | ng    | 98       |
| 55) Dibenzofuran              | 10.092 | 168  | 778085   | 59.193 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 78468    | 62.429 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 189784   | 60.246 | ng    | 98       |
| 58) Fluorene                  | 10.439 | 166  | 634898   | 58.546 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 158455   | 63.281 | ng    | 99       |
| 60) Diethylphthalate          | 10.304 | 149  | 651190   | 59.961 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 324333   | 59.539 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.474 | 138  | 150990   | 60.812 | ng    | 98       |
| 63) Azobenzene                | 10.586 | 77   | 594674   | 58.245 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 109821   | 68.263 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 532978   | 61.058 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 196628   | 61.907 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 219687   | 61.005 | ng    | 98       |
| 69) Atrazine                  | 11.074 | 200  | 134000   | 54.965 | ng    | 99       |
| 70) Pentachlorophenol         | 11.192 | 266  | 90656    | 68.816 | ng    | 99       |
| 71) Phenanthrene              | 11.404 | 178  | 863112   | 59.118 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 851368   | 59.213 | ng    | 99       |
| 73) Carbazole                 | 11.610 | 167  | 826415   | 58.682 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 1009898  | 61.102 | ng    | 99       |
| 75) Fluoranthene              | 12.592 | 202  | 1000773  | 59.520 | ng    | 100      |
| 77) Benzidine                 | 12.715 | 184  | 258833   | 66.762 | ng    | 99       |
| 78) Pyrene                    | 12.821 | 202  | 1008093  | 59.679 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 387906   | 62.410 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 808026   | 60.019 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.980 | 252  | 254358   | 62.622 | ng    | 97       |
| 83) Chrysene                  | 14.062 | 228  | 731004   | 59.712 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 507221   | 63.289 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 754409   | 62.220 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 642591   | 63.934 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 696582   | 62.306 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 571329   | 59.574 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 542075   | 61.920 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.050 | 278  | 539476   | 64.789 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 530525   | 62.602 | ng    | 99       |

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

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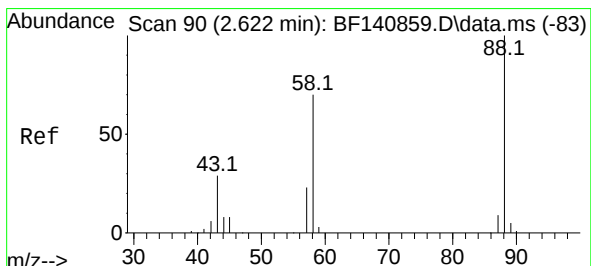
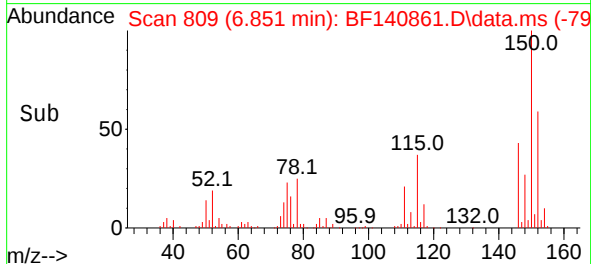
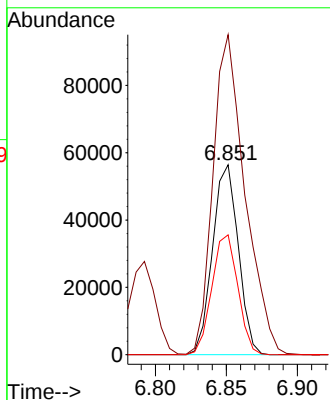
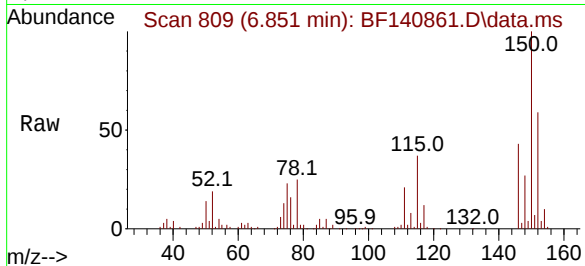




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.851 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

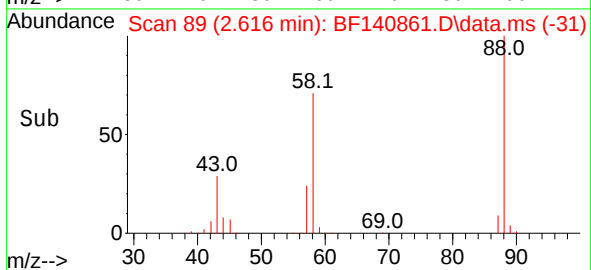
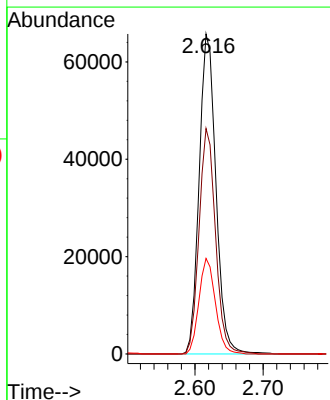
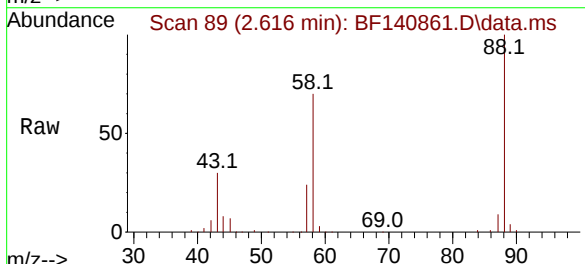
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

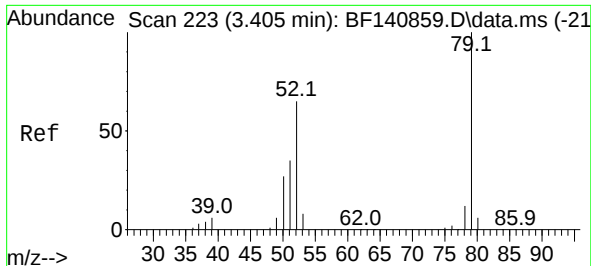
Tgt Ion:152 Resp: 71125  
Ion Ratio Lower Upper  
152 100  
150 168.5 127.9 191.9  
115 63.1 48.0 72.0



#2  
1,4-Dioxane  
Concen: 60.469 ng  
RT: 2.616 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion: 88 Resp: 112534  
Ion Ratio Lower Upper  
88 100  
58 69.2 55.8 83.8  
43 29.3 22.7 34.1





#3

Pyridine

Concen: 61.121 ng

RT: 3.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

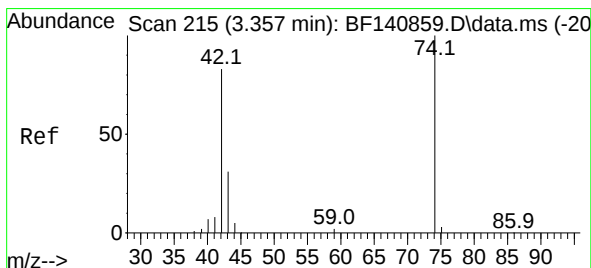
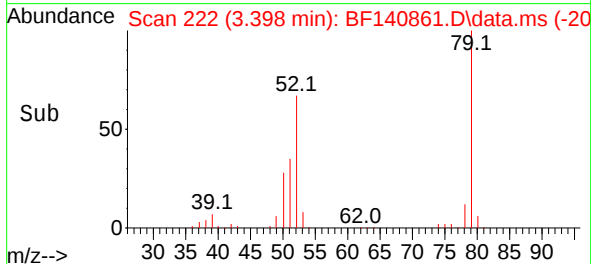
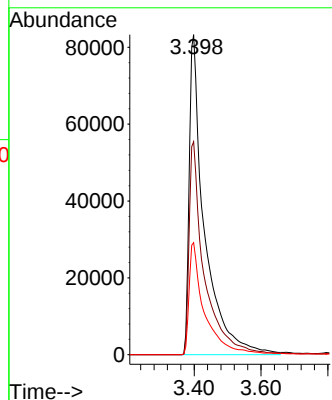
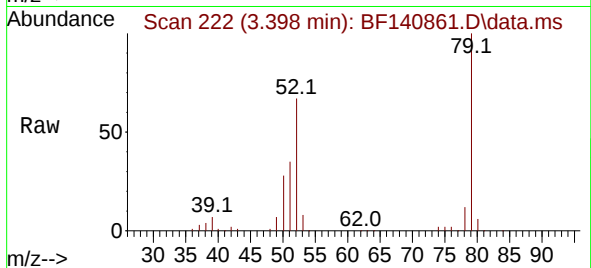
Tgt Ion: 79 Resp: 263425

Ion Ratio Lower Upper

79 100

52 66.6 51.7 77.5

51 35.0 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 63.658 ng

RT: 3.363 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

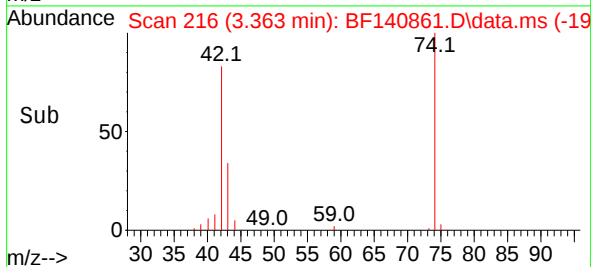
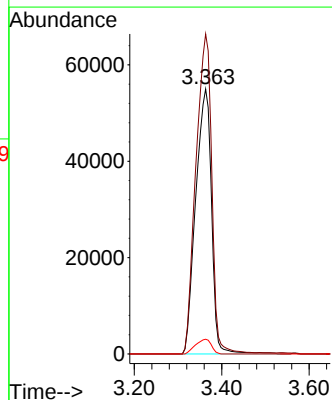
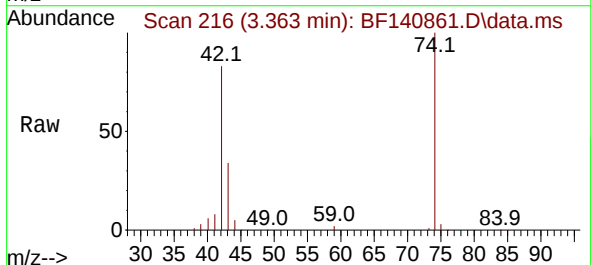
Tgt Ion: 42 Resp: 138309

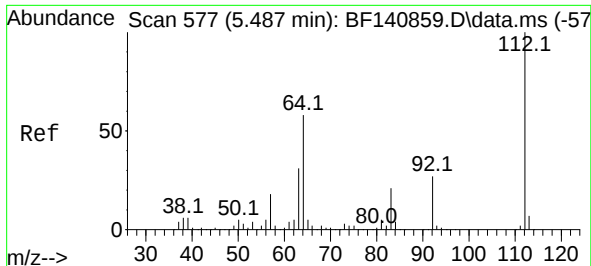
Ion Ratio Lower Upper

42 100

74 120.7 96.9 145.3

44 5.6 4.4 6.6

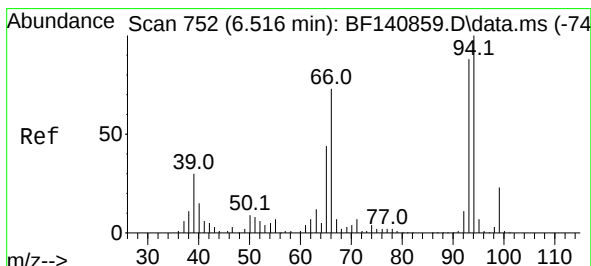
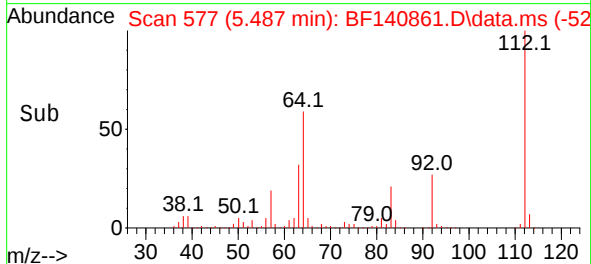
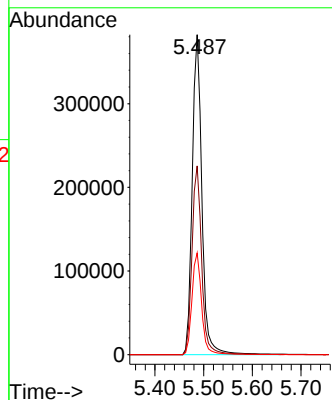
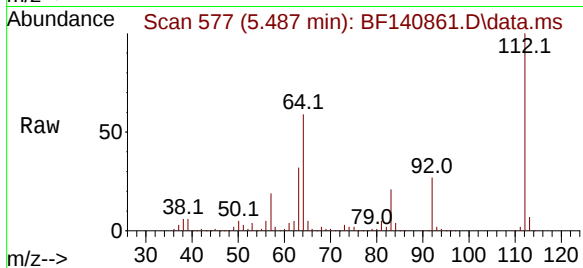




#5  
2-Fluorophenol  
Concen: 122.696 ng  
RT: 5.487 min Scan# 512  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

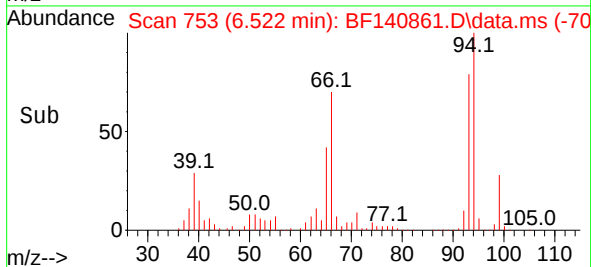
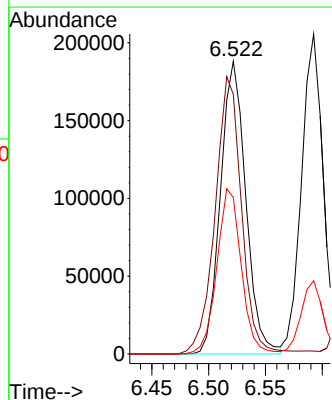
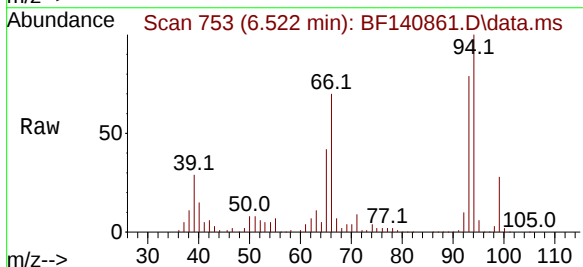
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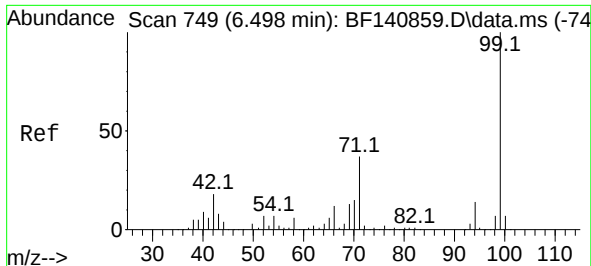
Tgt Ion:112 Resp: 530122  
Ion Ratio Lower Upper  
112 100  
64 59.0 46.1 69.1  
63 31.8 24.9 37.3



#6  
Aniline  
Concen: 59.690 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion: 93 Resp: 292063  
Ion Ratio Lower Upper  
93 100  
66 88.6 67.0 100.4  
65 53.4 40.4 60.6

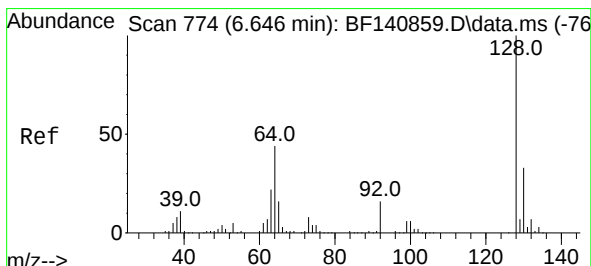
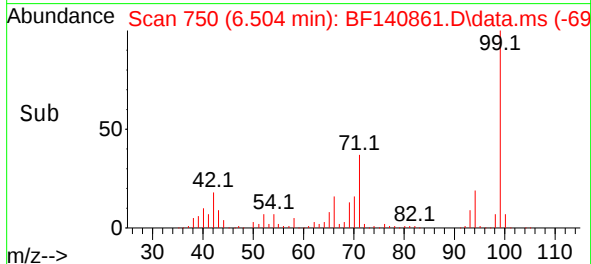
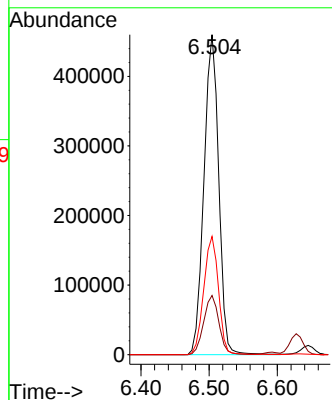
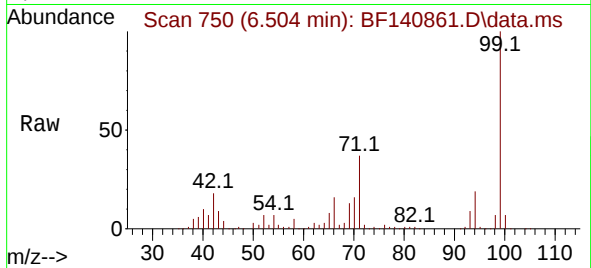




#7  
Phenol-d6  
Concen: 120.993 ng  
RT: 6.504 min Scan# 749  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

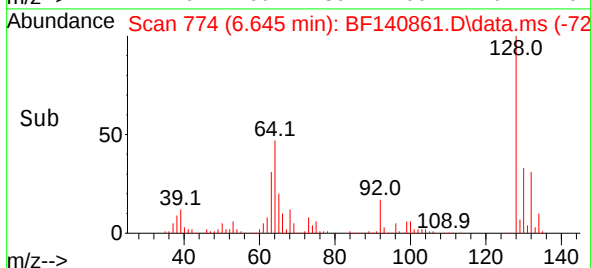
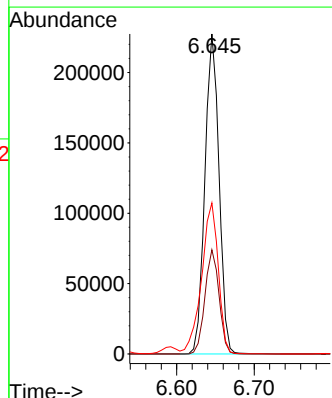
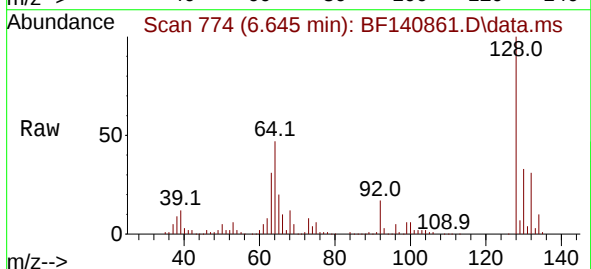
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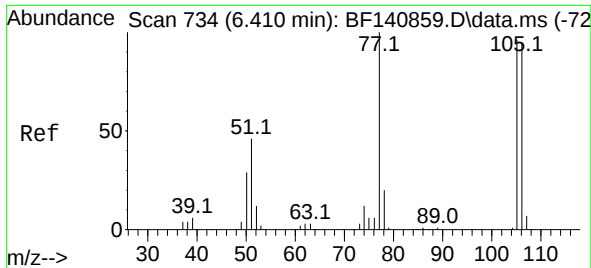
Tgt Ion: 99 Resp: 692405  
Ion Ratio Lower Upper  
99 100  
42 18.5 14.3 21.5  
71 36.9 29.9 44.9



#8  
2-Chlorophenol  
Concen: 61.183 ng  
RT: 6.645 min Scan# 774  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:128 Resp: 288270  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.9 52.9  
64 47.2 24.3 64.3





#9

Benzaldehyde

Concen: 53.801 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

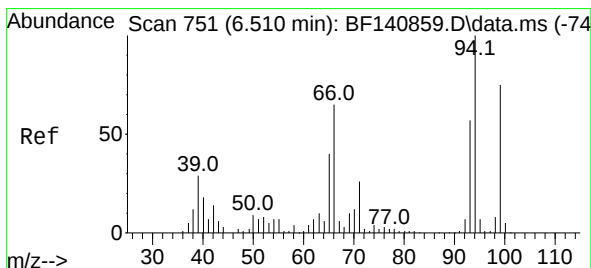
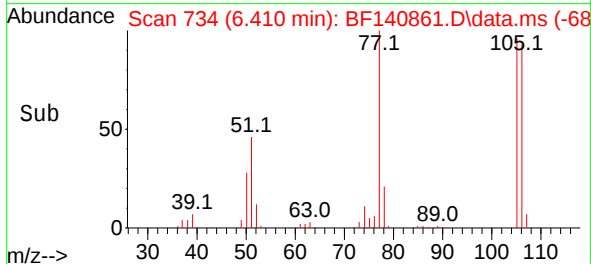
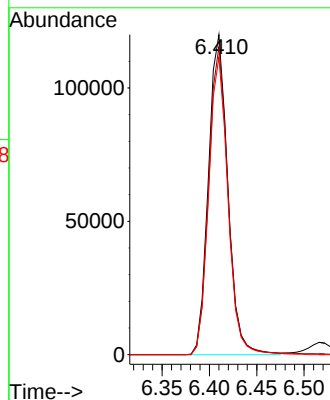
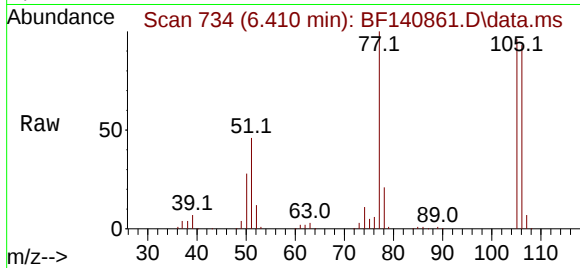
Tgt Ion: 77 Resp: 170596

Ion Ratio Lower Upper

77 100

105 96.2 75.8 115.8

106 93.0 74.1 114.1



#10

Phenol

Concen: 60.734 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

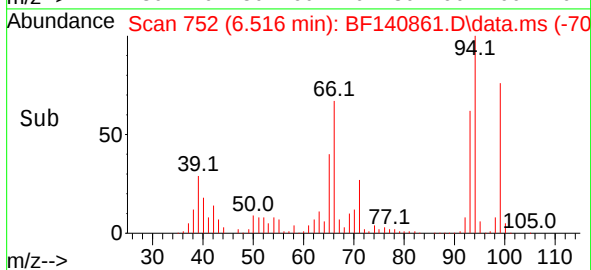
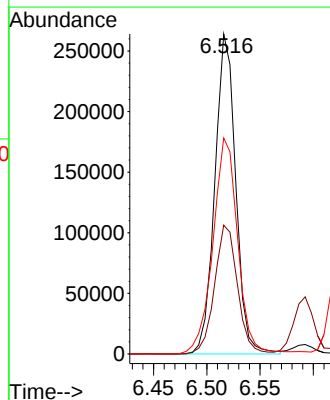
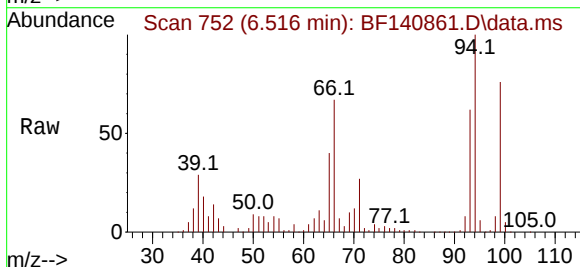
Tgt Ion: 94 Resp: 360221

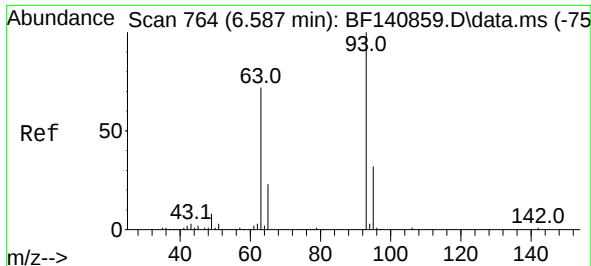
Ion Ratio Lower Upper

94 100

65 40.2 19.9 59.9

66 67.5 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 61.117 ng

RT: 6.592 min Scan# 765

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

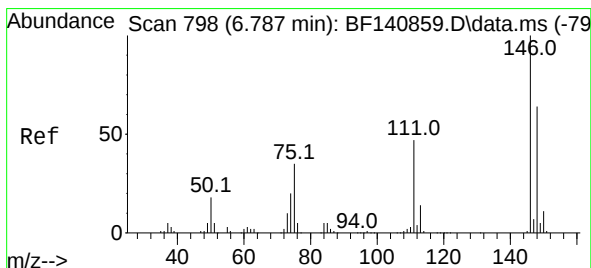
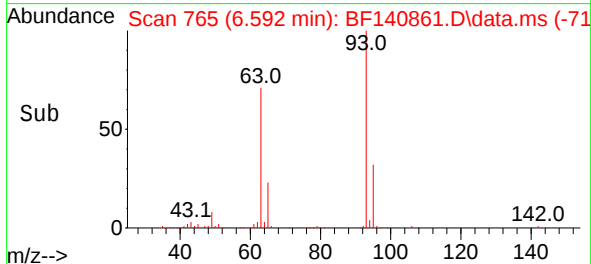
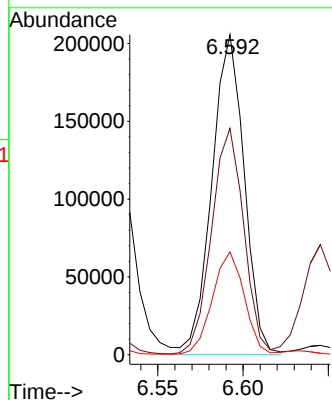
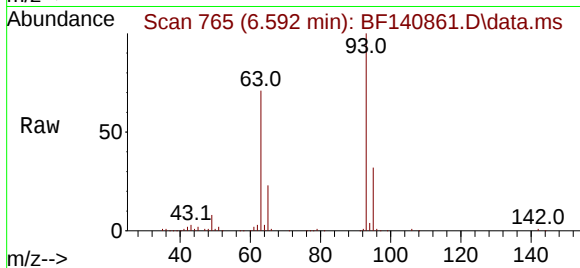
Tgt Ion: 93 Resp: 270334

Ion Ratio Lower Upper

93 100

63 70.7 51.0 91.0

95 32.1 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 60.789 ng

RT: 6.792 min Scan# 799

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

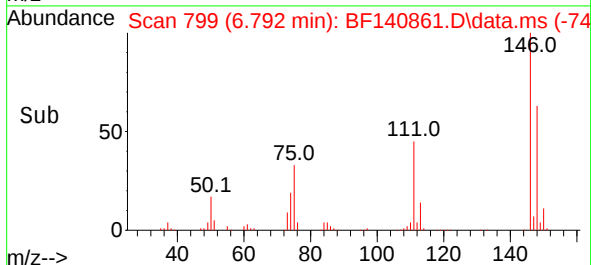
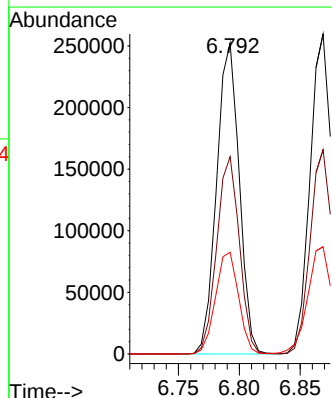
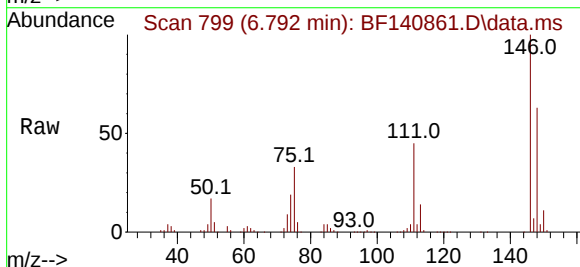
Tgt Ion: 146 Resp: 326363

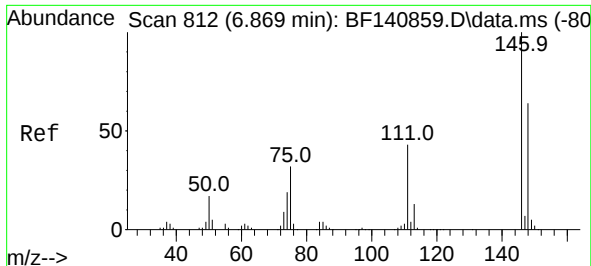
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

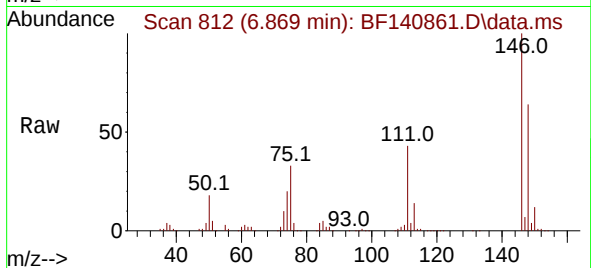
75 32.7 28.1 42.1



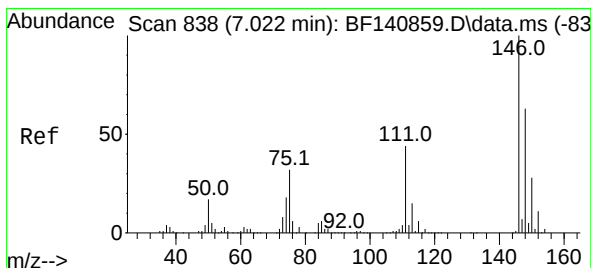
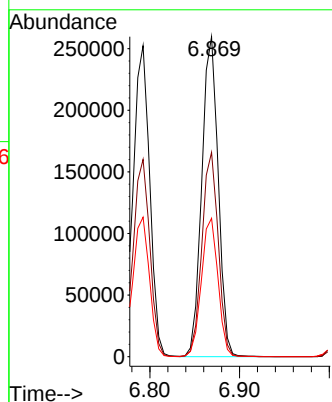
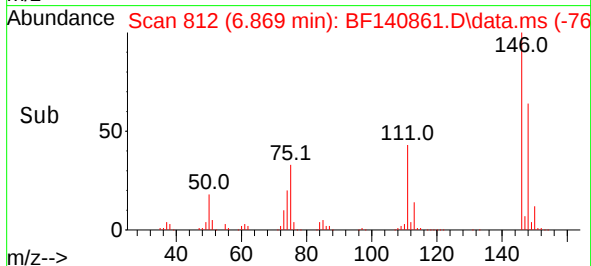


#13  
1,4-Dichlorobenzene  
Concen: 60.537 ng  
RT: 6.869 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

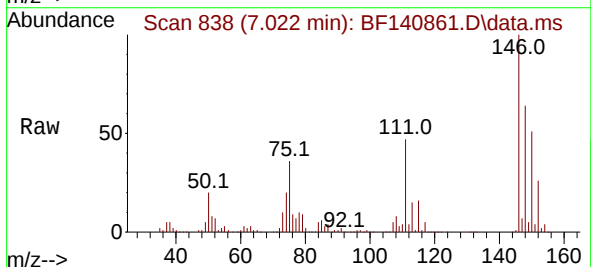
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



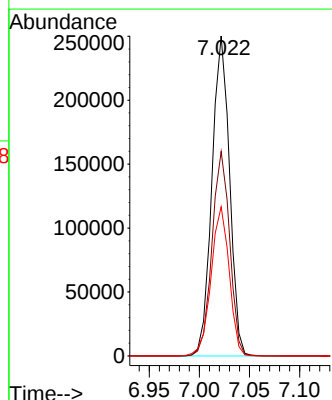
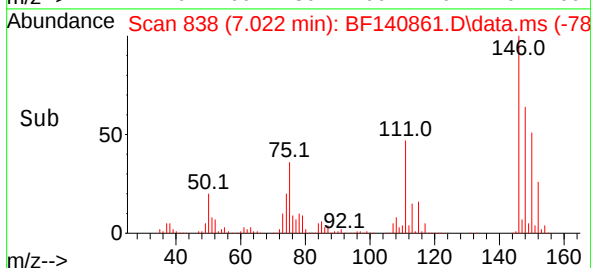
Tgt Ion:146 Resp: 329906  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.3 76.9  
111 43.3 34.4 51.6

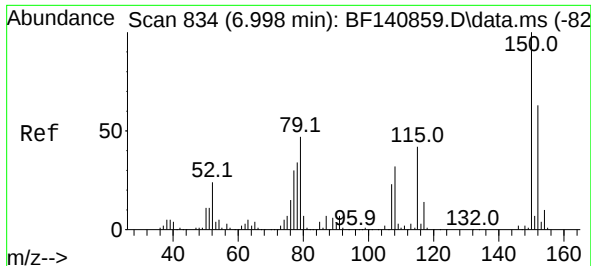


#14  
1,2-Dichlorobenzene  
Concen: 59.529 ng  
RT: 7.022 min Scan# 838  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49



Tgt Ion:146 Resp: 306086  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.0 75.0  
111 46.6 35.6 53.4





#15

Benzyl Alcohol

Concen: 61.475 ng

RT: 7.004 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

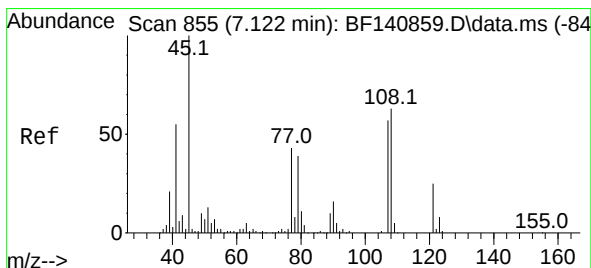
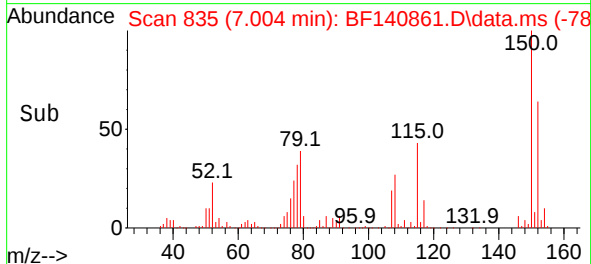
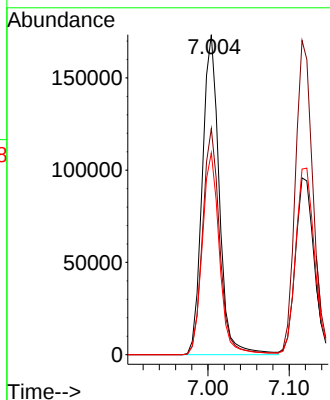
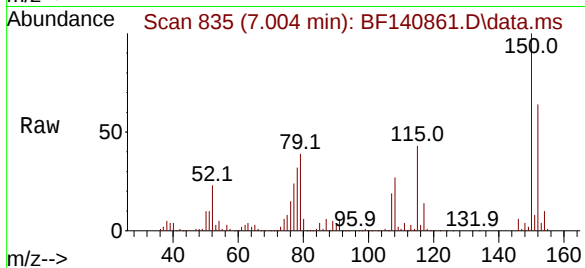
Tgt Ion: 79 Resp: 251539

Ion Ratio Lower Upper

79 100

108 70.6 55.1 82.7

77 63.0 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.106 ng

RT: 7.122 min Scan# 855

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

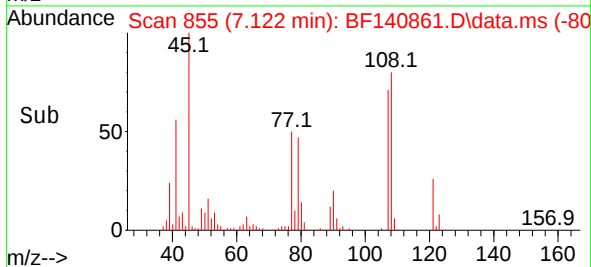
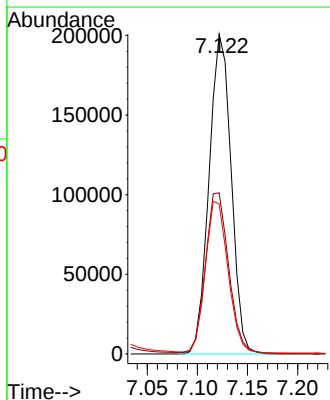
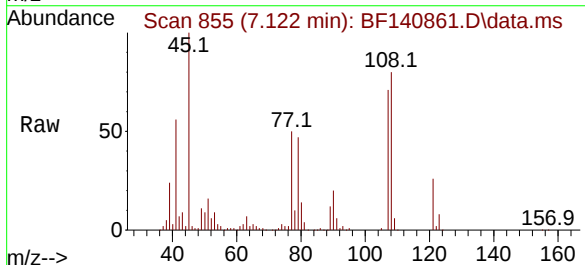
Tgt Ion: 45 Resp: 307981

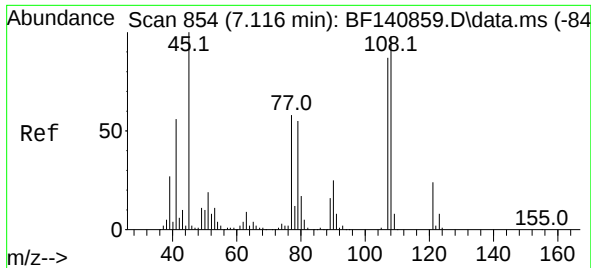
Ion Ratio Lower Upper

45 100

77 50.3 23.3 63.3

79 46.9 20.0 60.0

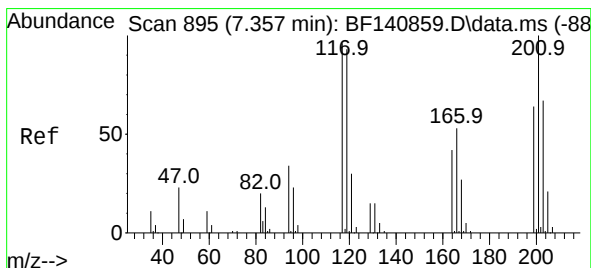
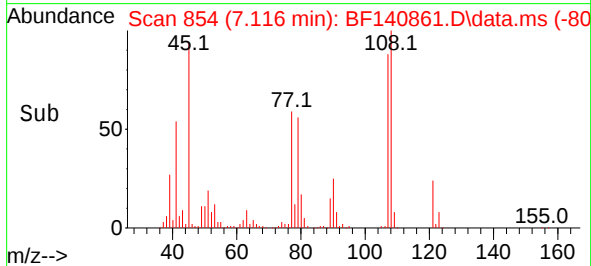
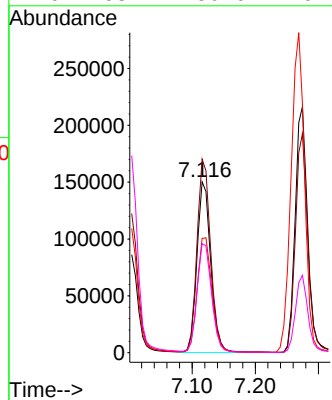
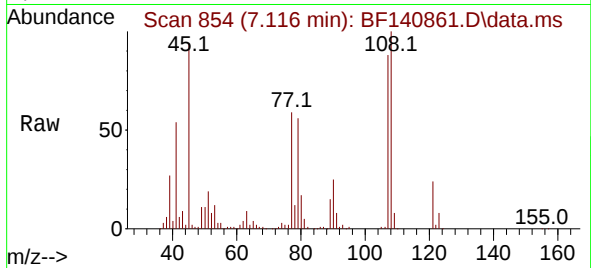




#17  
2-Methylphenol  
Concen: 60.504 ng  
RT: 7.116 min Scan# 854  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

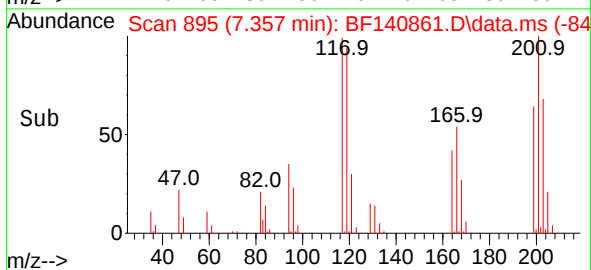
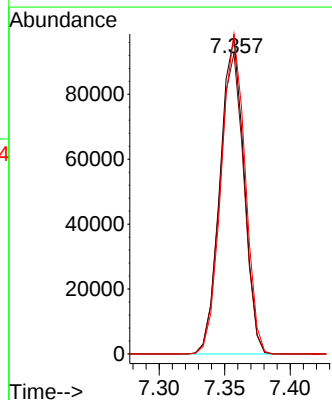
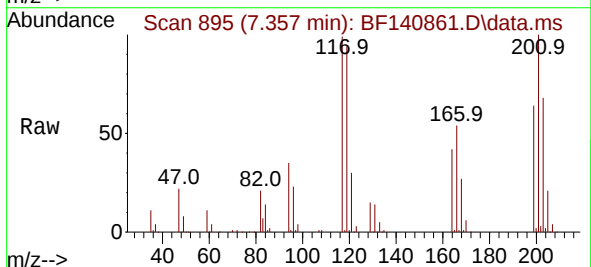
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

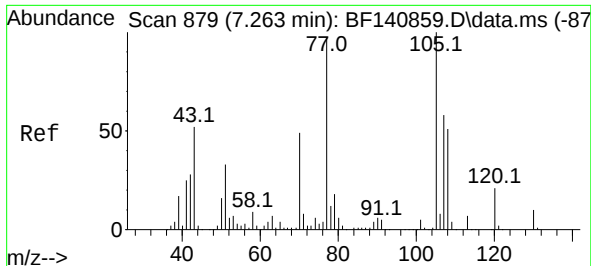
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 227597 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 90.2  | 135.4  |
| 77       | 66.9  | 53.8  | 80.6   |
| 79       | 63.7  | 50.9  | 76.3   |



#18  
Hexachloroethane  
Concen: 60.962 ng  
RT: 7.357 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 123680 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.1  | 77.4  | 116.0  |
| 201      | 101.3 | 83.4  | 125.0  |





#19

n-Nitroso-di-n-propylamine

Concen: 59.015 ng

RT: 7.269 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 202582

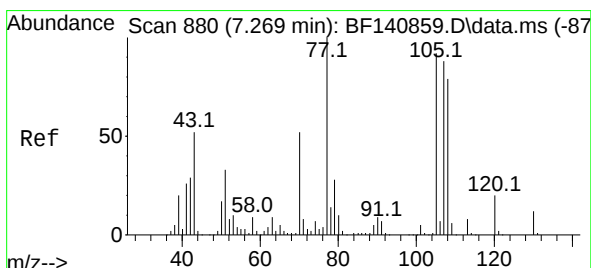
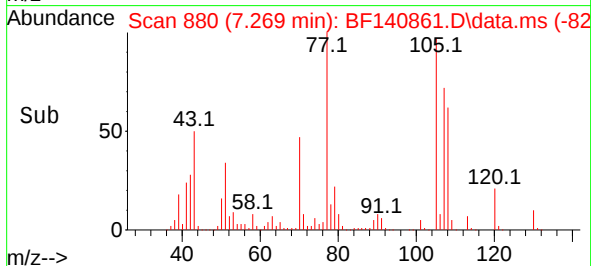
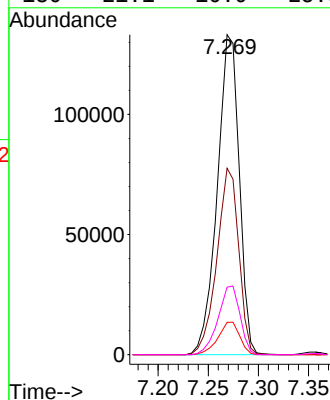
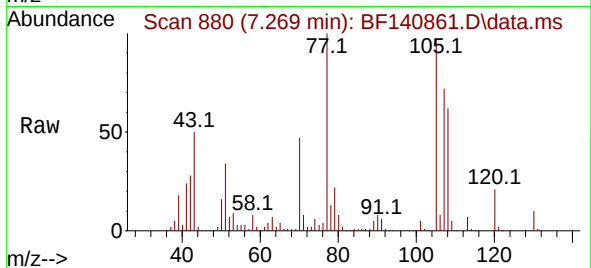
Ion Ratio Lower Upper

70 100

42 58.3 45.3 67.9

101 10.1 8.0 12.0

130 21.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 59.728 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Tgt Ion:107 Resp: 297926

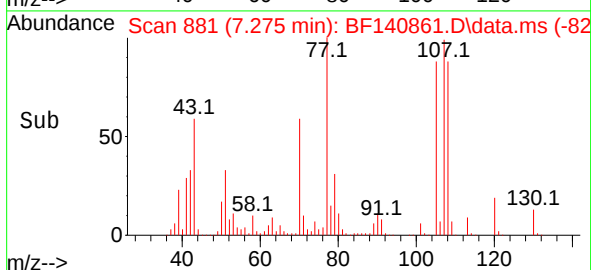
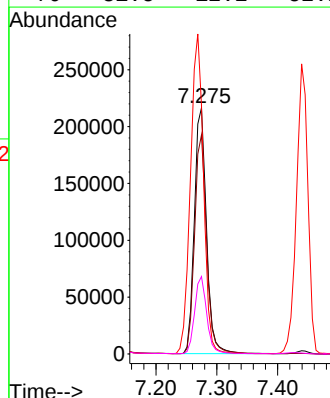
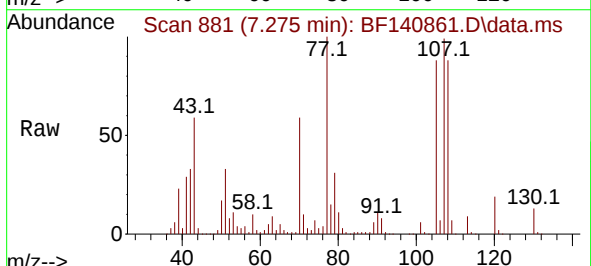
Ion Ratio Lower Upper

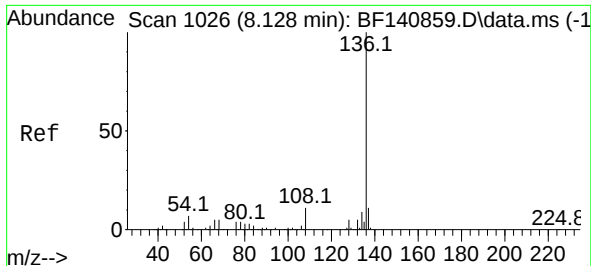
107 100

108 89.0 70.1 110.1

77 101.1 94.4 134.4

79 31.5 12.2 52.2



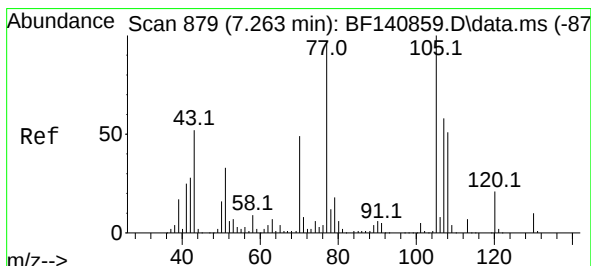
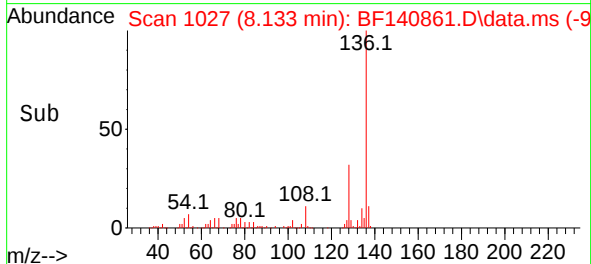
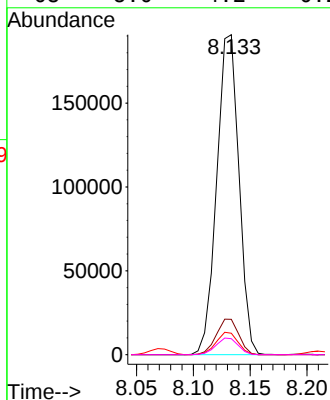
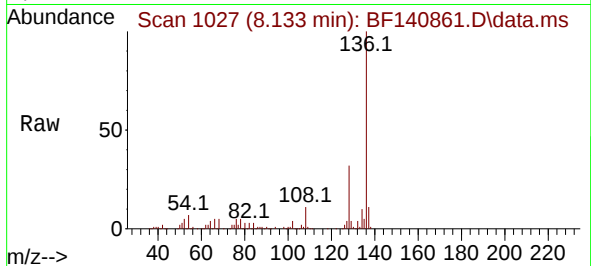


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.133 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:136 Resp: 259532

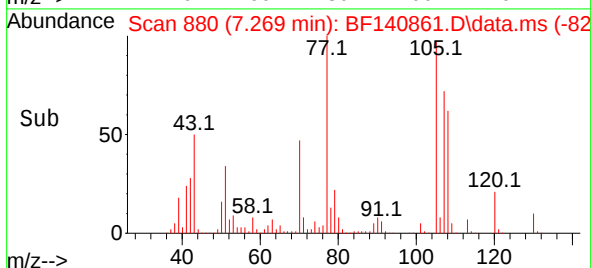
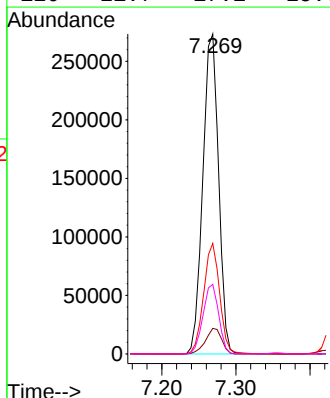
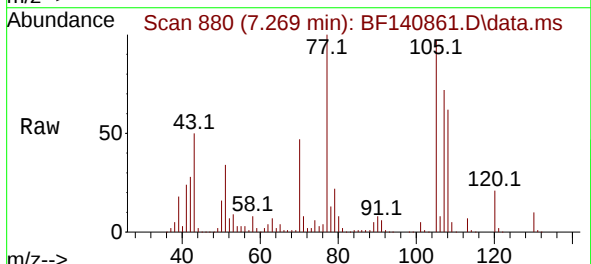
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.0   | 13.4  |
| 54  | 6.7   | 5.6   | 8.4   |
| 68  | 5.0   | 4.2   | 6.2   |

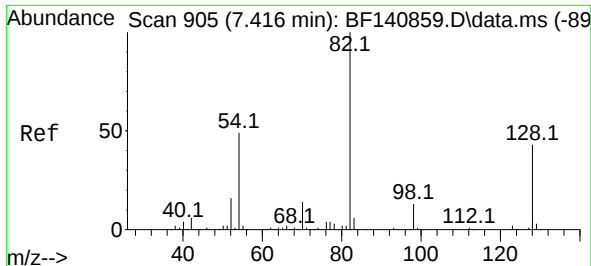


#22  
Acetophenone  
Concen: 62.164 ng  
RT: 7.269 min Scan# 880  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:105 Resp: 403586

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.0   | 6.2   | 9.4   |
| 51  | 34.6  | 26.3  | 39.5  |
| 120 | 21.7  | 17.1  | 25.7  |





#23

Nitrobenzene-d5

Concen: 124.724 ng

RT: 7.422 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

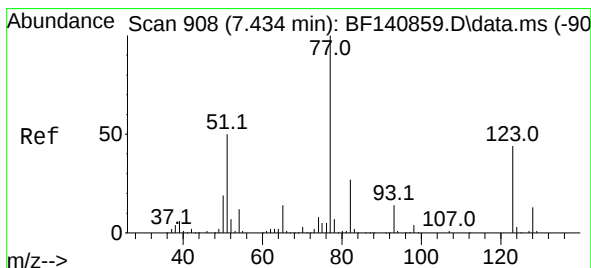
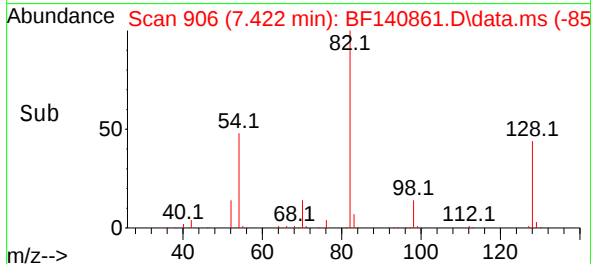
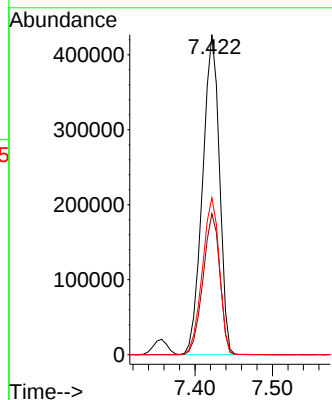
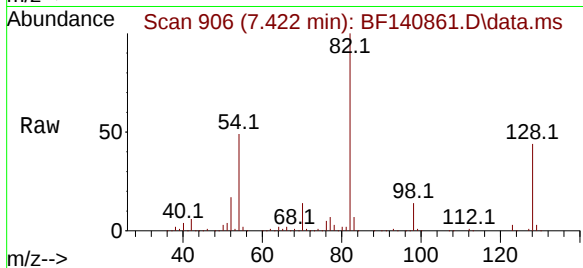
Tgt Ion: 82 Resp: 646998

Ion Ratio Lower Upper

82 100

128 44.1 34.4 51.6

54 49.0 38.8 58.2



#24

Nitrobenzene

Concen: 62.893 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

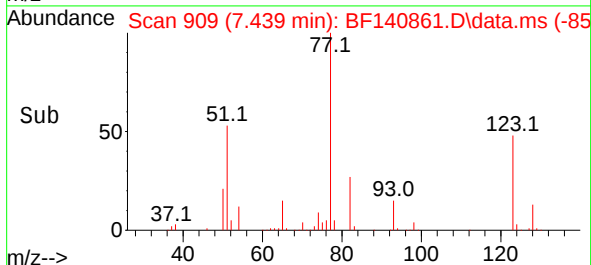
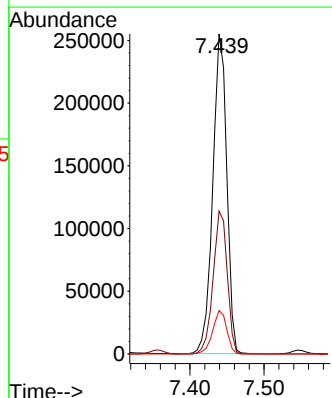
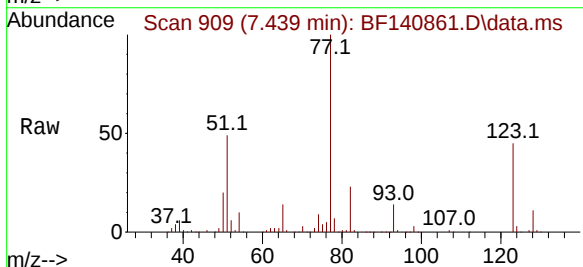
Tgt Ion: 77 Resp: 334236

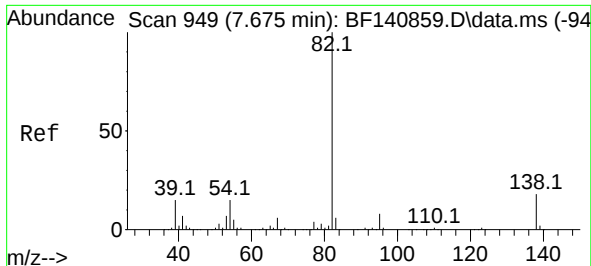
Ion Ratio Lower Upper

77 100

123 44.6 35.0 52.4

65 13.6 11.4 17.0

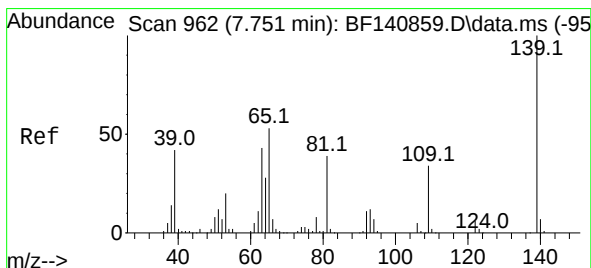
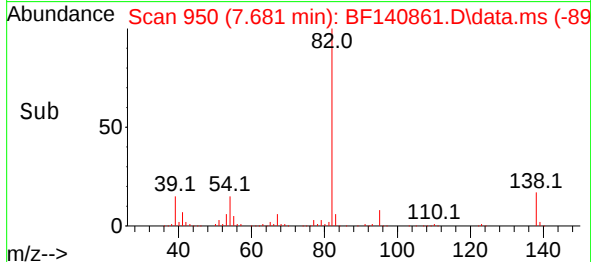
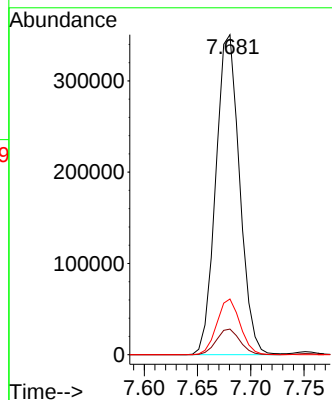
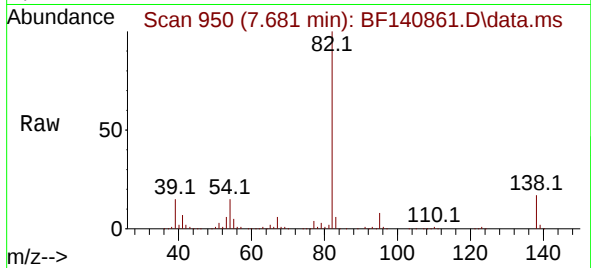




#25  
Isophorone  
Concen: 62.685 ng  
RT: 7.681 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

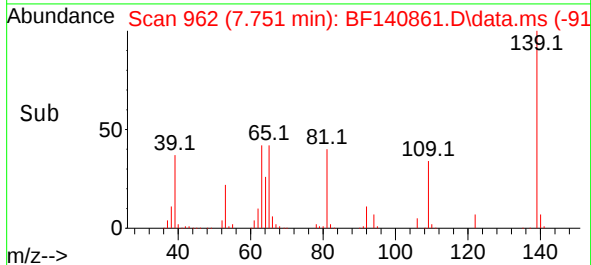
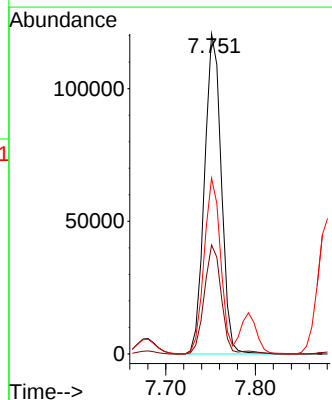
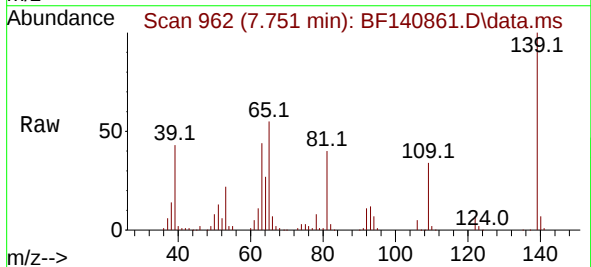
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

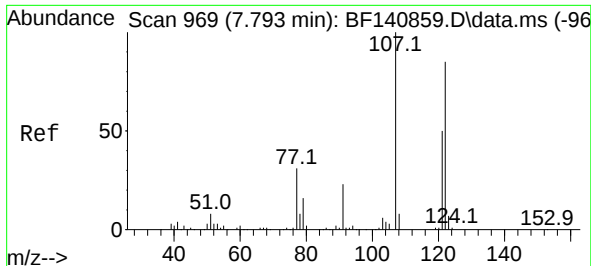
Tgt Ion: 82 Resp: 544844  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.3 9.5  
138 17.4 14.1 21.1



#26  
2-Nitrophenol  
Concen: 64.020 ng  
RT: 7.751 min Scan# 962  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:139 Resp: 156696  
Ion Ratio Lower Upper  
139 100  
109 34.1 26.9 40.3  
65 54.9 42.6 64.0

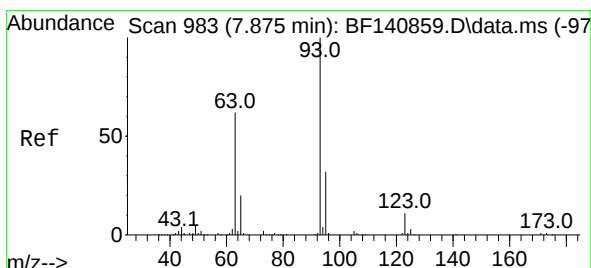
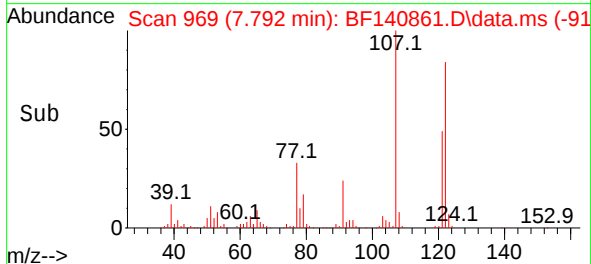
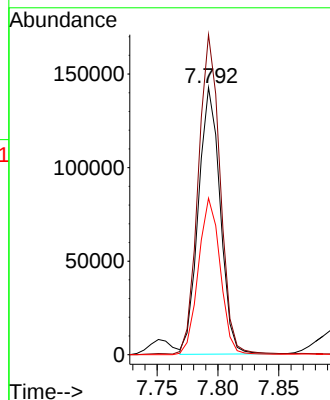
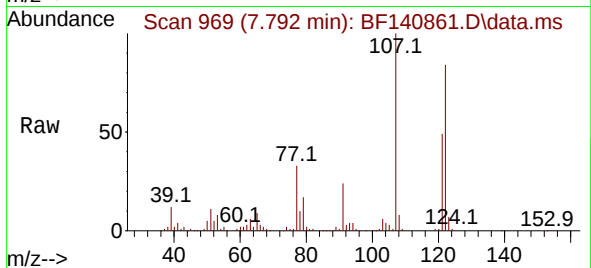




#27  
2,4-Dimethylphenol  
Concen: 61.982 ng  
RT: 7.792 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

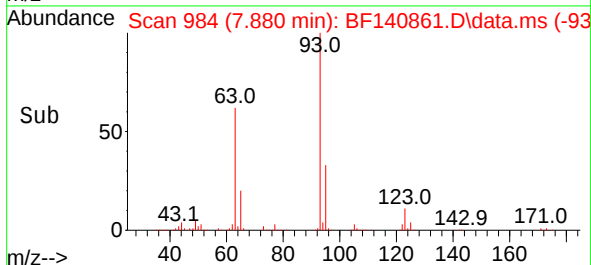
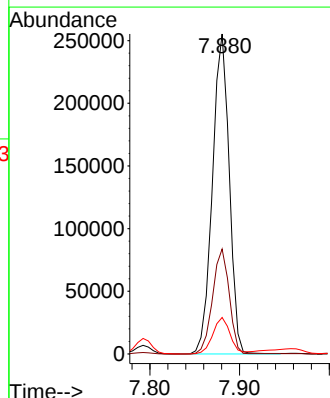
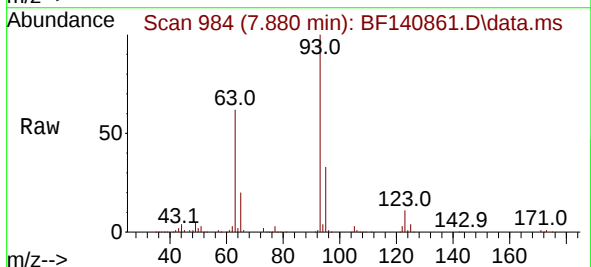
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

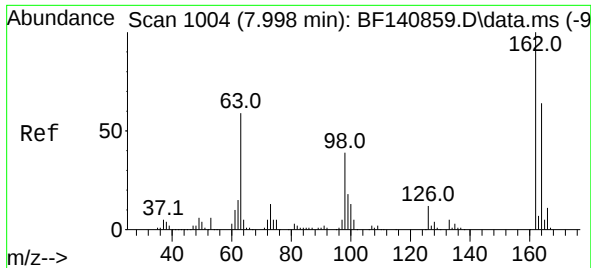
Tgt Ion:122 Resp: 177170  
Ion Ratio Lower Upper  
122 100  
107 119.8 92.6 139.0  
121 58.6 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 61.166 ng  
RT: 7.880 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion: 93 Resp: 332048  
Ion Ratio Lower Upper  
93 100  
95 32.8 25.3 37.9  
123 11.4 8.6 13.0

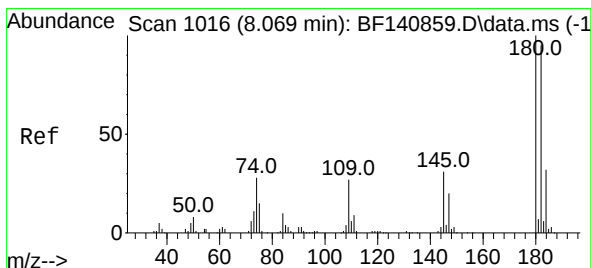
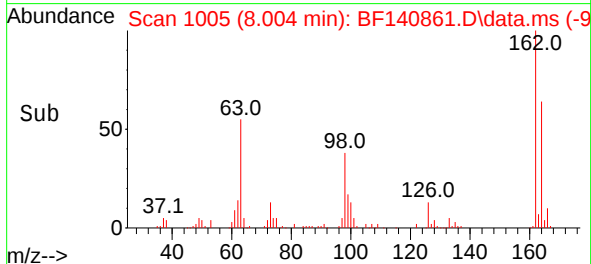
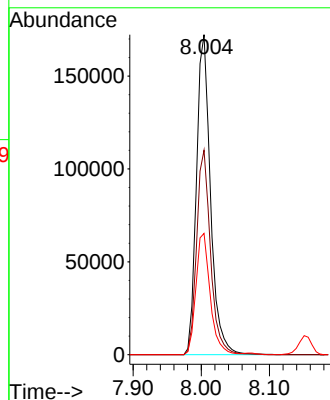
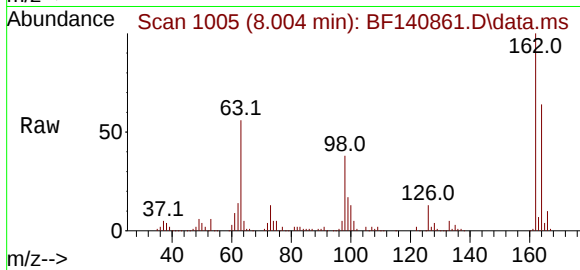




#29  
2,4-Dichlorophenol  
Concen: 62.432 ng  
RT: 8.004 min Scan# 1005  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

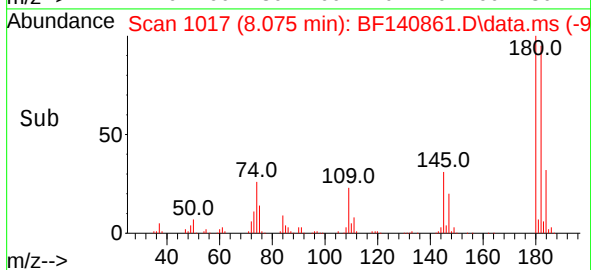
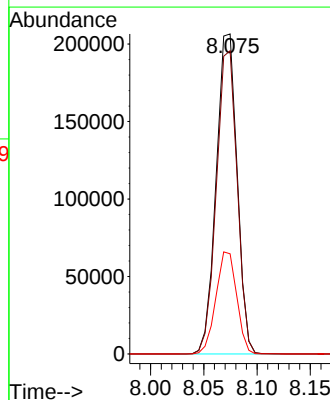
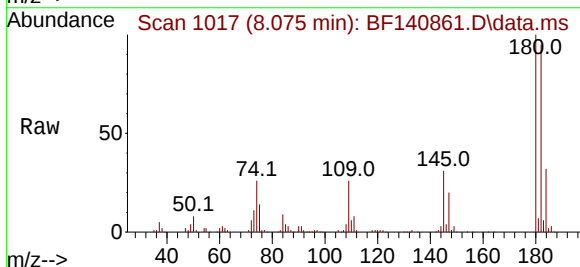
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

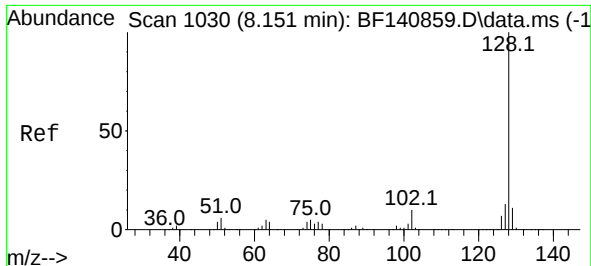
Tgt Ion:162 Resp: 246376  
Ion Ratio Lower Upper  
162 100  
164 63.9 43.7 83.7  
98 37.9 18.6 58.6



#30  
1,2,4-Trichlorobenzene  
Concen: 62.258 ng  
RT: 8.075 min Scan# 1017  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:180 Resp: 281649  
Ion Ratio Lower Upper  
180 100  
182 94.7 75.8 113.6  
145 31.3 25.2 37.8

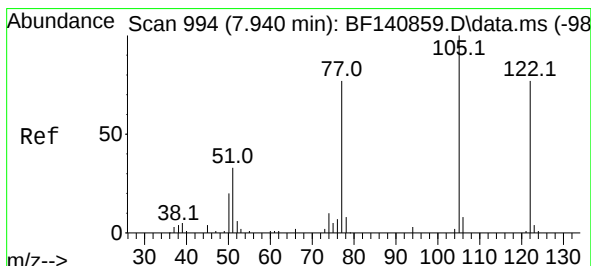
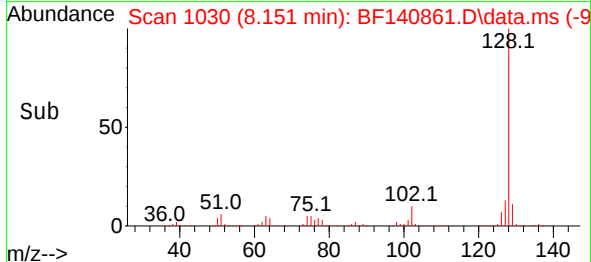
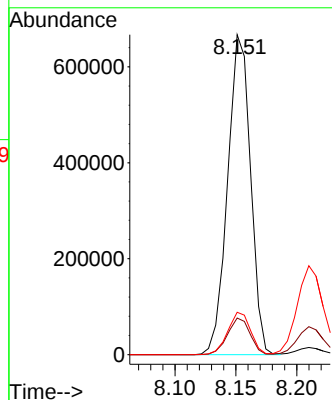
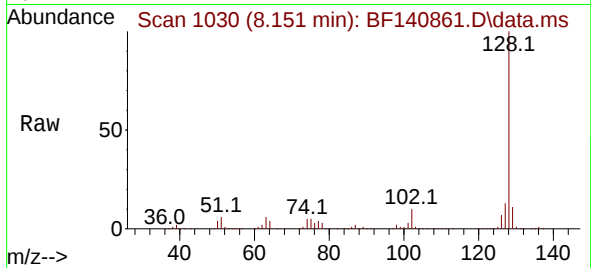




#31  
Naphthalene  
Concen: 61.360 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

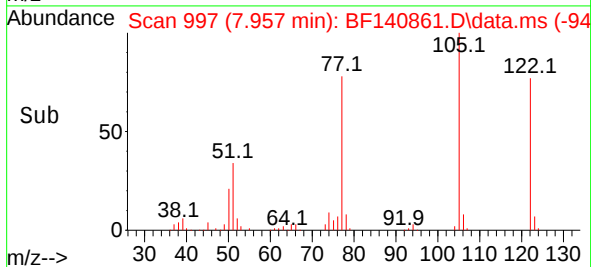
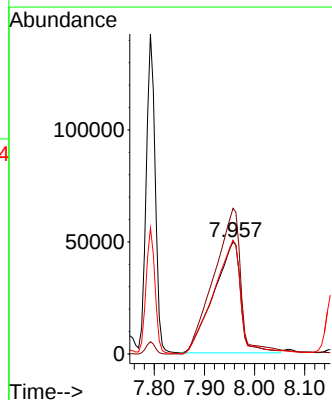
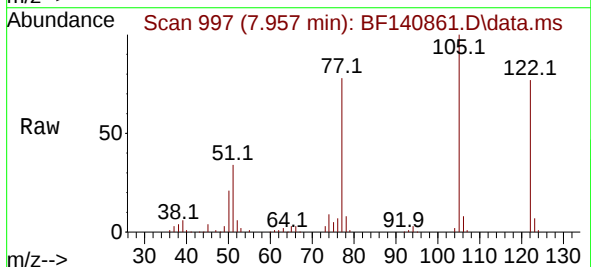
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

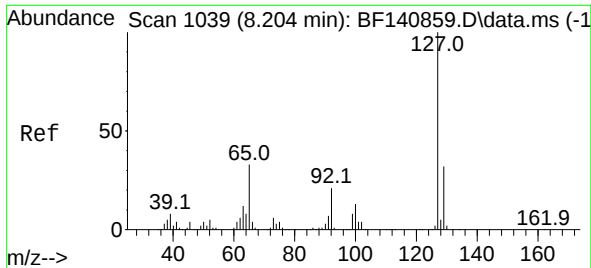
Tgt Ion:128 Resp: 874776  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.9 13.3  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 67.933 ng  
RT: 7.957 min Scan# 997  
Delta R.T. 0.017 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:122 Resp: 184163  
Ion Ratio Lower Upper  
122 100  
105 129.9 108.3 148.3  
77 101.4 78.8 118.8





#33

4-Chloroaniline

Concen: 59.681 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 282583

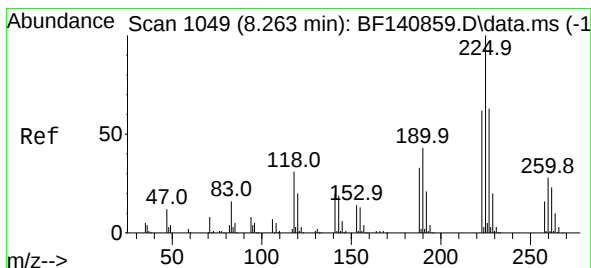
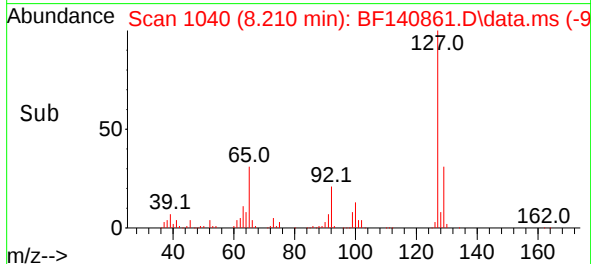
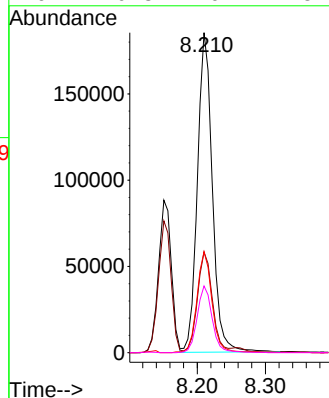
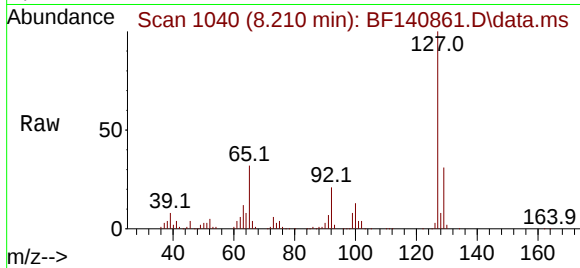
Ion Ratio Lower Upper

127 100

129 31.4 26.0 39.0

65 31.6 26.0 39.0

92 20.8 16.7 25.1



#34

Hexachlorobutadiene

Concen: 61.097 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

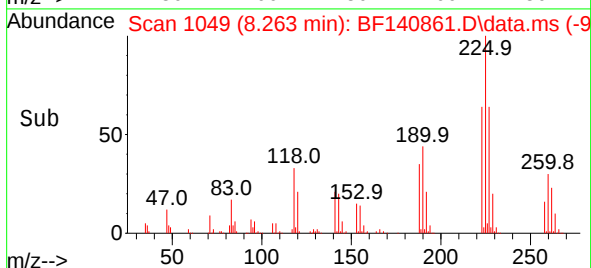
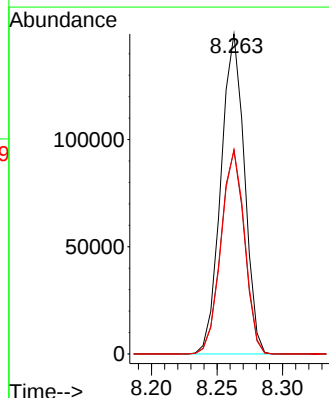
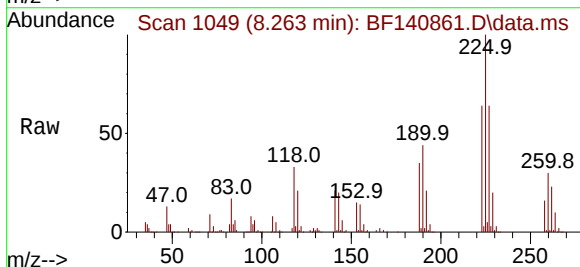
Tgt Ion:225 Resp: 185962

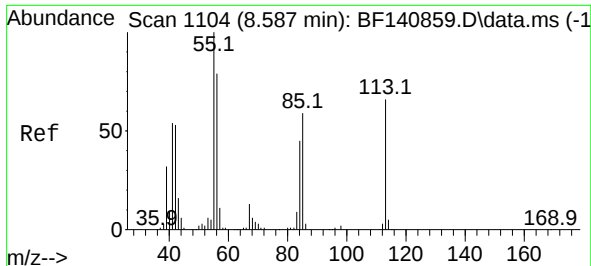
Ion Ratio Lower Upper

225 100

223 63.6 49.6 74.4

227 63.9 50.7 76.1





#35

Caprolactam

Concen: 60.761 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.017 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

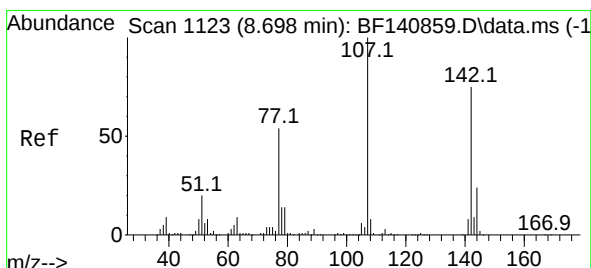
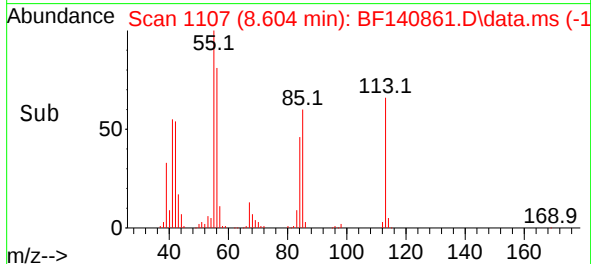
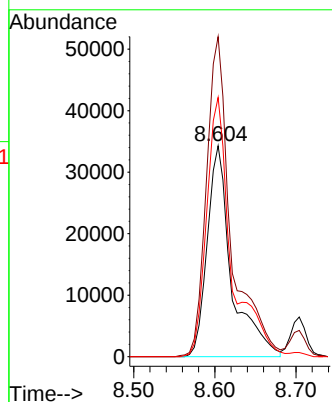
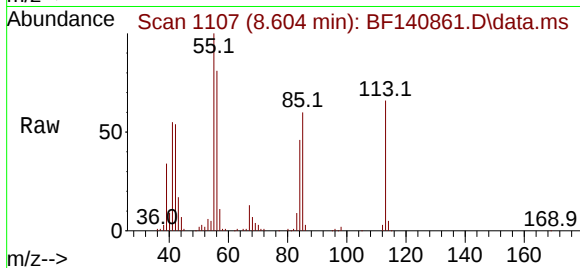
Tgt Ion:113 Resp: 71386

Ion Ratio Lower Upper

113 100

55 151.7 132.3 172.3

56 122.9 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 59.935 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

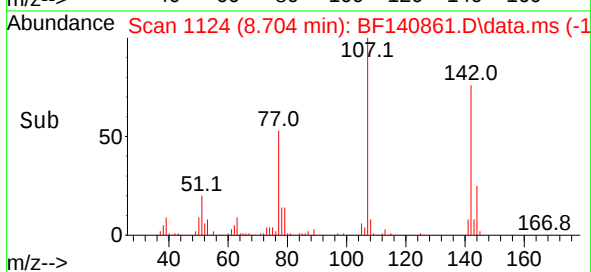
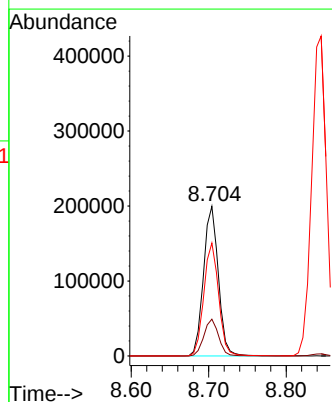
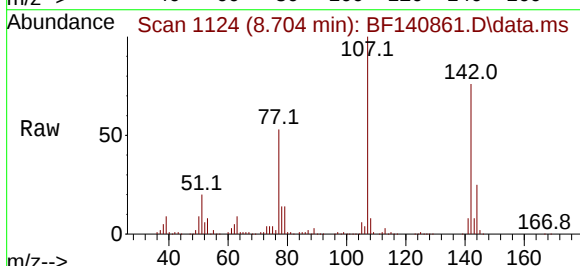
Tgt Ion:107 Resp: 266211

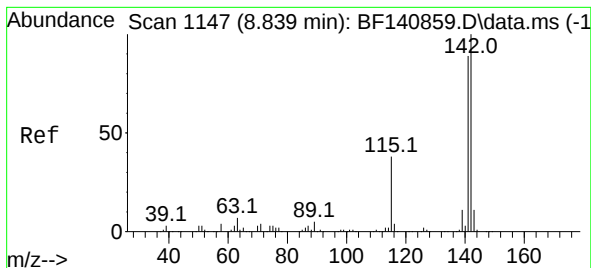
Ion Ratio Lower Upper

107 100

144 24.5 19.4 29.2

142 75.5 60.3 90.5





#37

2-Methylnaphthalene

Concen: 59.336 ng

RT: 8.845 min Scan# 1148

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

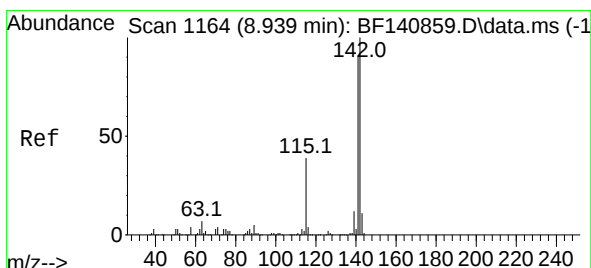
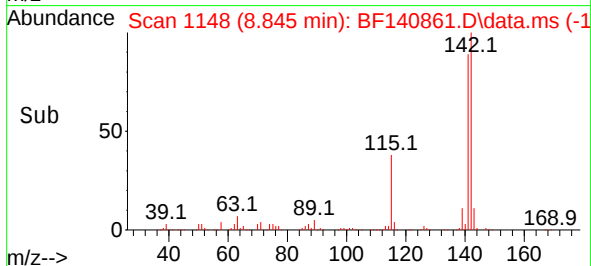
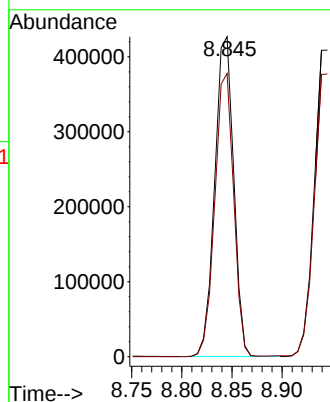
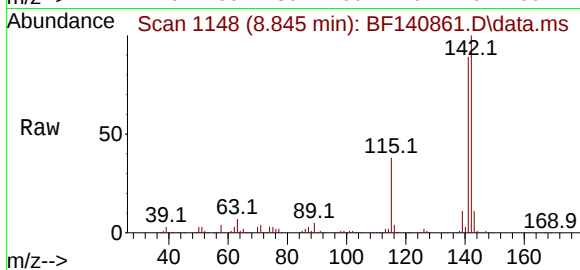
SSTDICC060

Tgt Ion:142 Resp: 559572

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 58.973 ng

RT: 8.945 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF140861.D

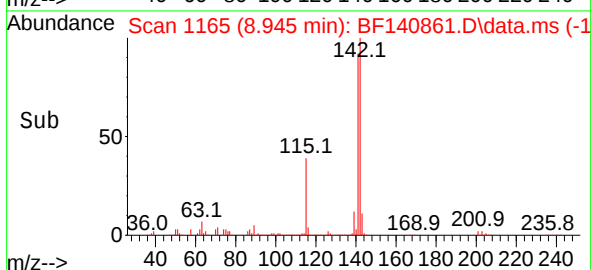
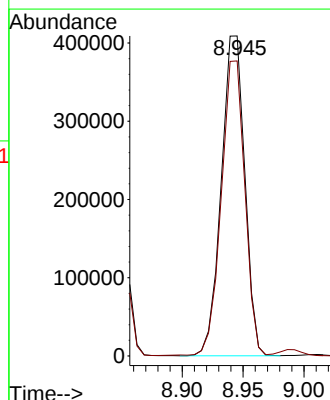
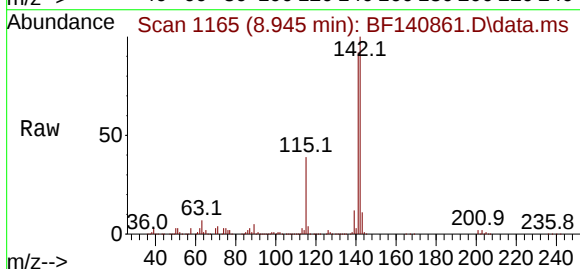
Acq: 16 Dec 2024 15:49

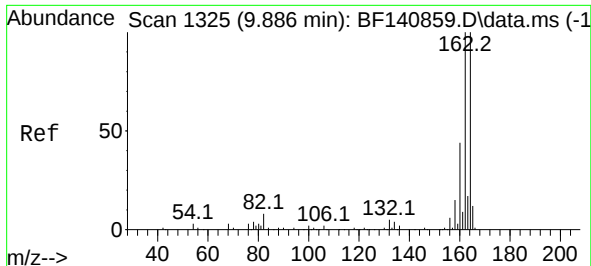
Tgt Ion:142 Resp: 550027

Ion Ratio Lower Upper

142 100

141 92.2 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

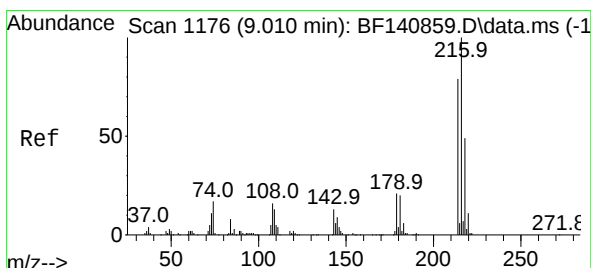
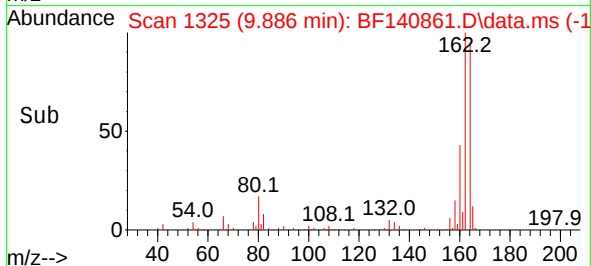
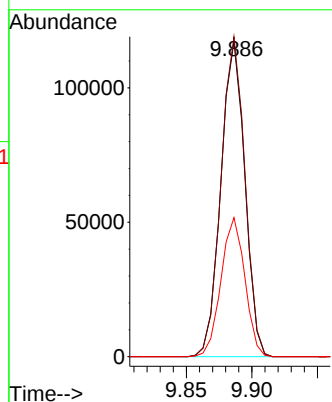
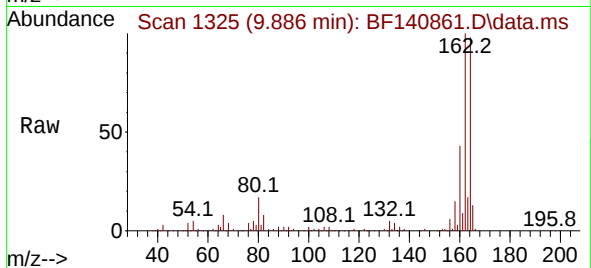
Tgt Ion:164 Resp: 148549

Ion Ratio Lower Upper

164 100

162 101.6 79.9 119.9

160 44.2 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.686 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Tgt Ion:216 Resp: 277082

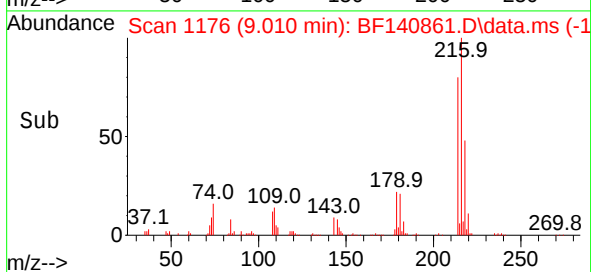
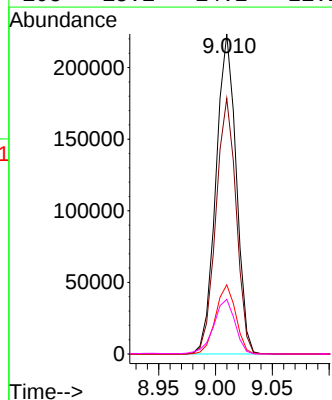
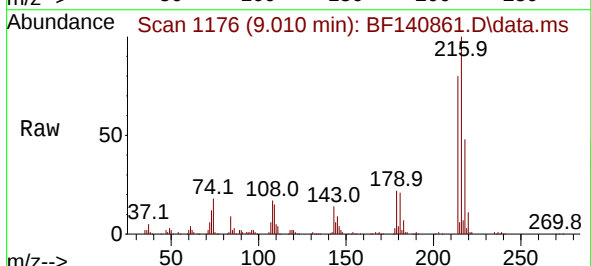
Ion Ratio Lower Upper

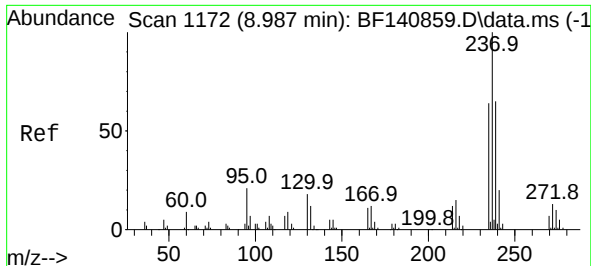
216 100

214 79.7 63.6 95.4

179 21.5 17.0 25.4

108 18.1 14.2 21.2

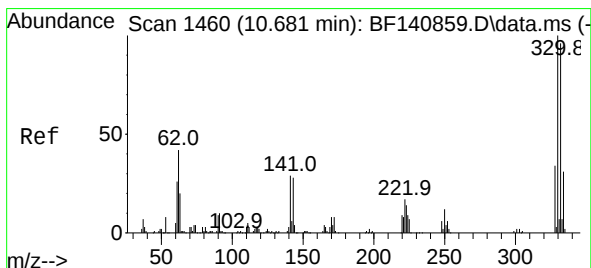
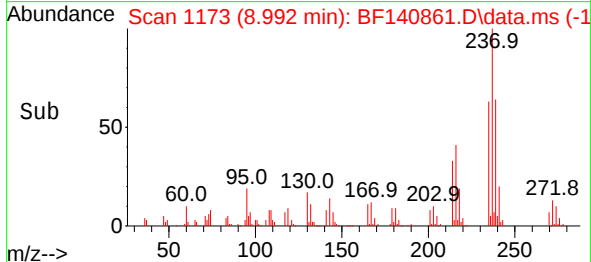
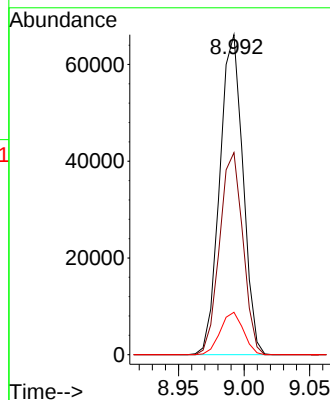
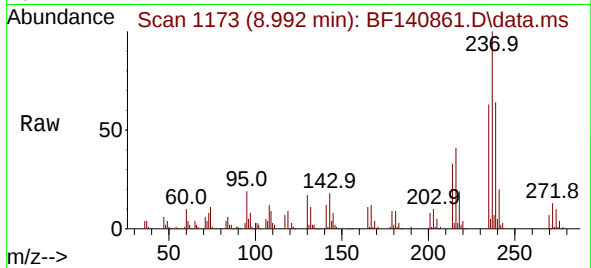




#41  
Hexachlorocyclopentadiene  
Concen: 60.032 ng  
RT: 8.992 min Scan# 1172  
Delta R.T. 0.005 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

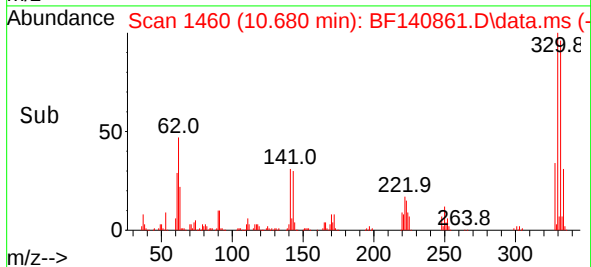
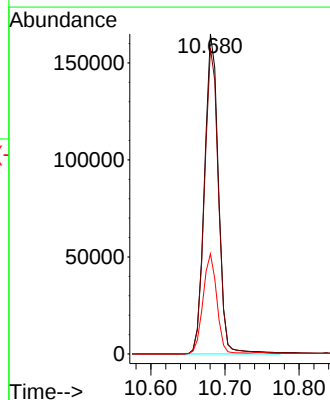
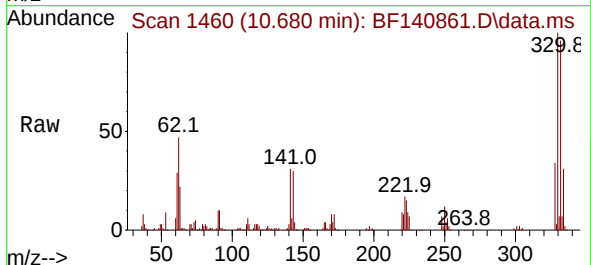
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

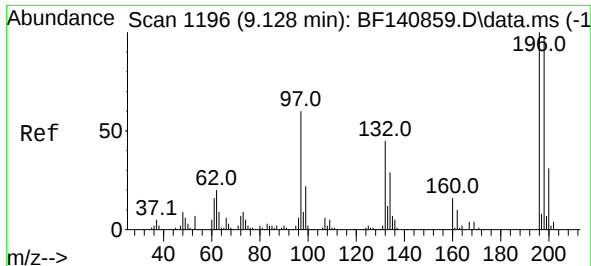
Tgt Ion:237 Resp: 81340  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.7 83.7  
272 13.2 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 123.158 ng  
RT: 10.680 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:330 Resp: 216378  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.2 114.4  
141 30.9 24.9 37.3

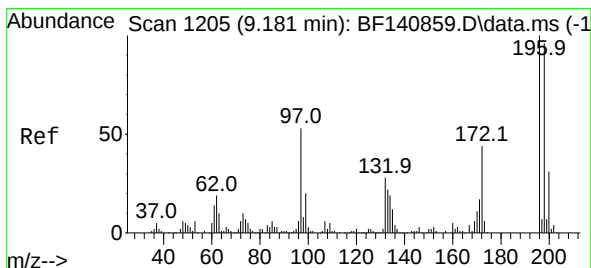
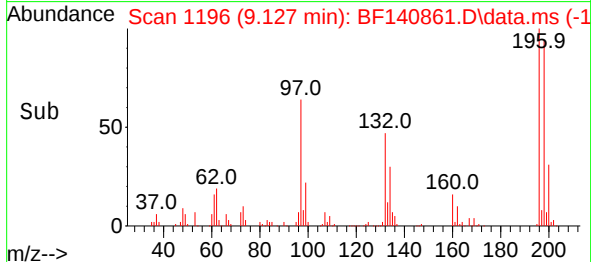
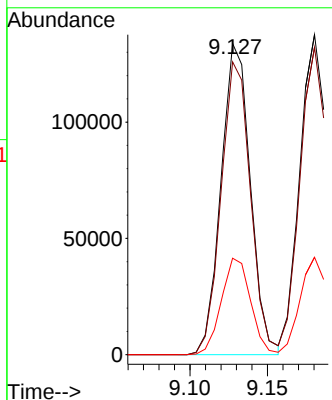
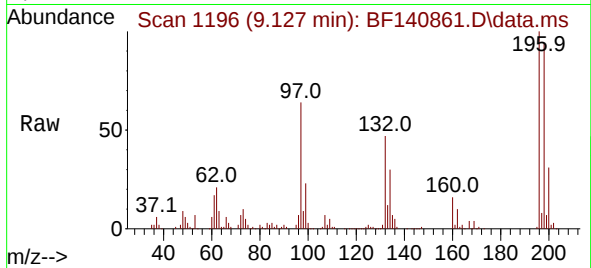




#43  
2,4,6-Trichlorophenol  
Concen: 63.005 ng  
RT: 9.127 min Scan# 1196  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

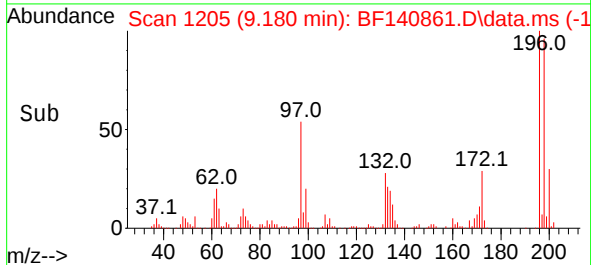
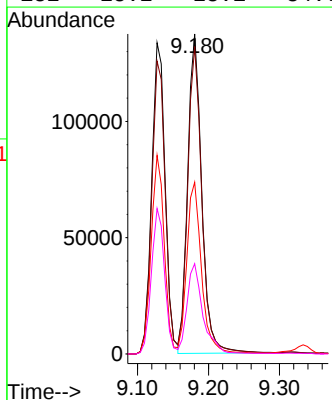
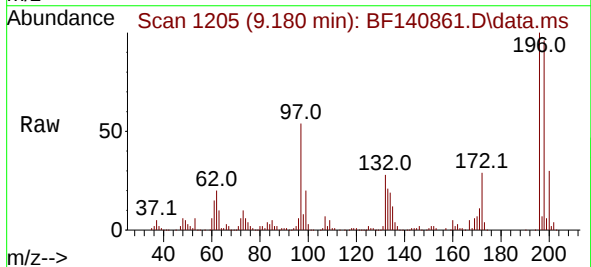
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

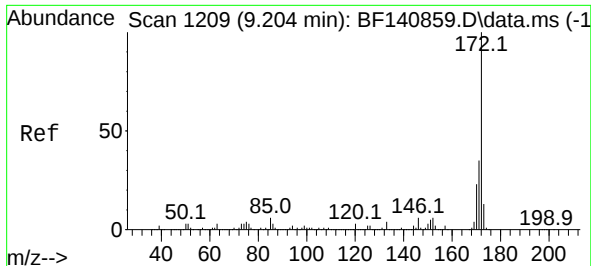
Tgt Ion:196 Resp: 176148  
Ion Ratio Lower Upper  
196 100  
198 94.1 77.4 116.0  
200 31.0 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 61.766 ng  
RT: 9.180 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:196 Resp: 189802  
Ion Ratio Lower Upper  
196 100  
198 96.0 77.2 115.8  
97 53.7 42.2 63.4  
132 28.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 119.184 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

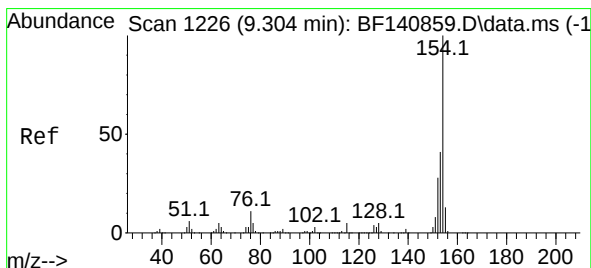
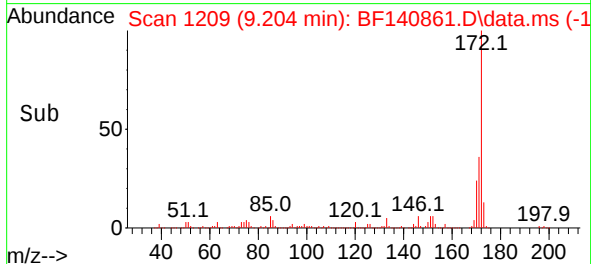
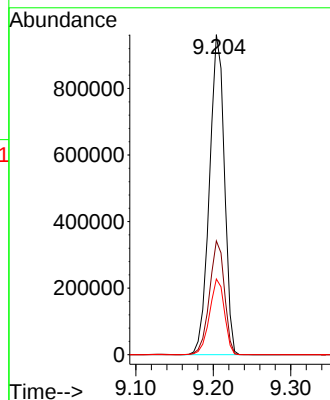
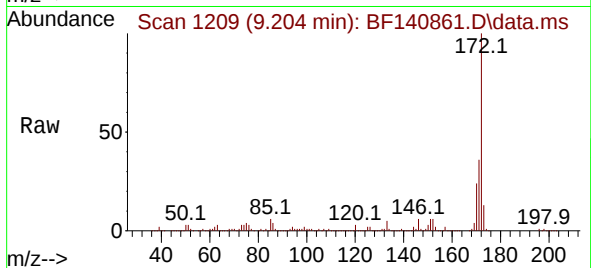
Tgt Ion:172 Resp: 1287749

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 59.429 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

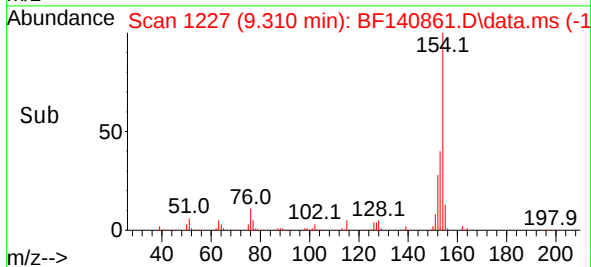
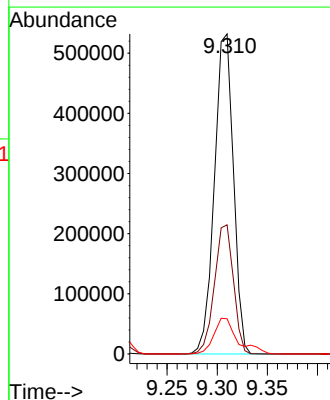
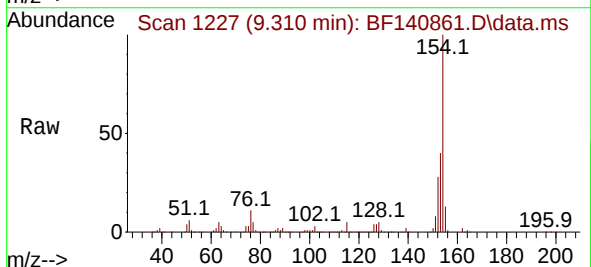
Tgt Ion:154 Resp: 701999

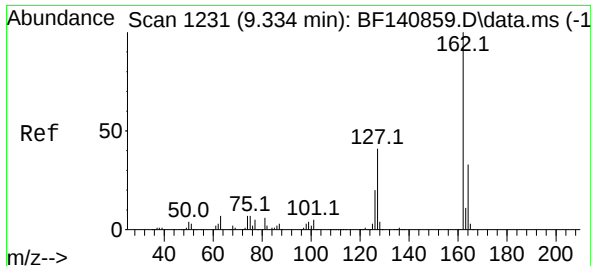
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 11.0 0.0 31.0

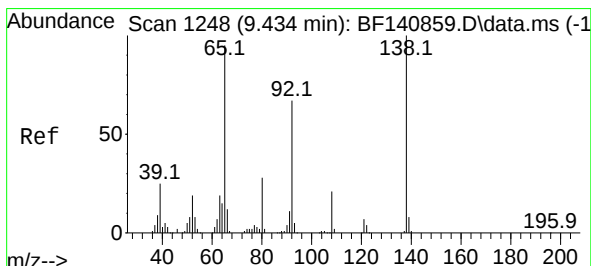
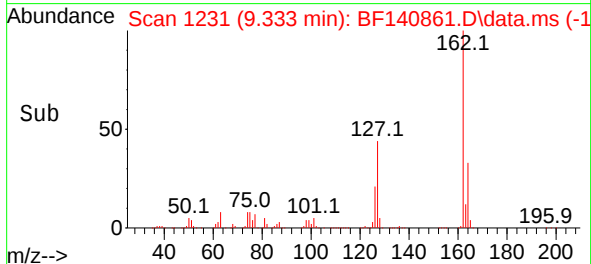
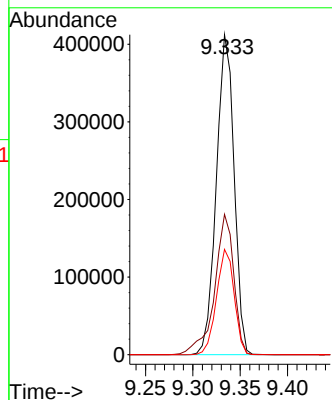
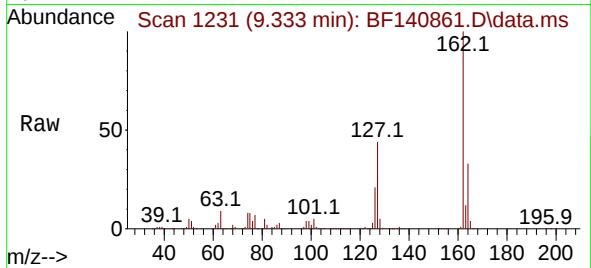




#47  
2-Chloronaphthalene  
Concen: 59.491 ng  
RT: 9.333 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

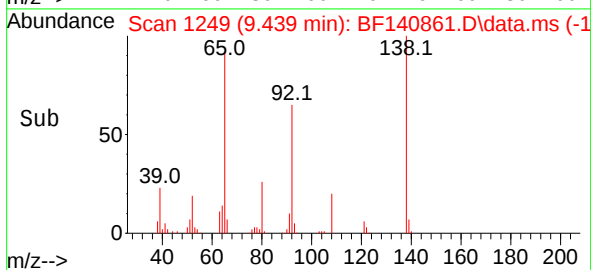
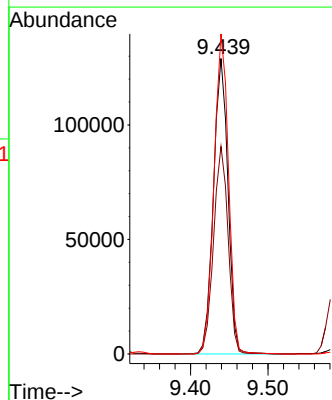
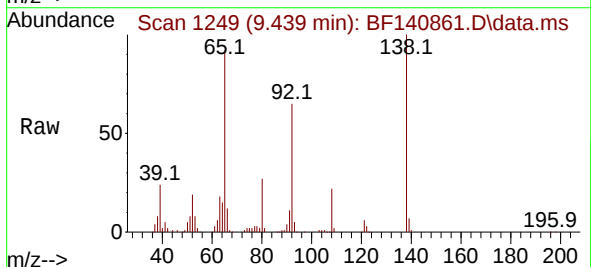
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

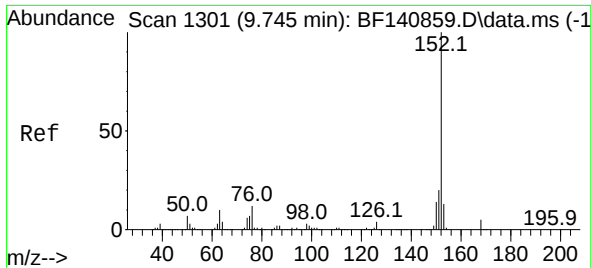
Tgt Ion:162 Resp: 537602  
Ion Ratio Lower Upper  
162 100  
127 43.9 33.5 50.3  
164 32.9 26.2 39.2



#48  
2-Nitroaniline  
Concen: 61.695 ng  
RT: 9.439 min Scan# 1249  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion: 65 Resp: 168378  
Ion Ratio Lower Upper  
65 100  
92 70.2 56.3 84.5  
138 108.3 83.8 125.6





#49

Acenaphthylene

Concen: 59.836 ng

RT: 9.751 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

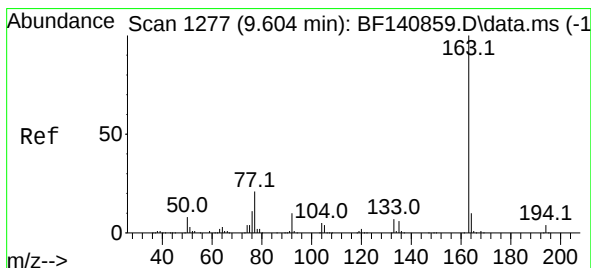
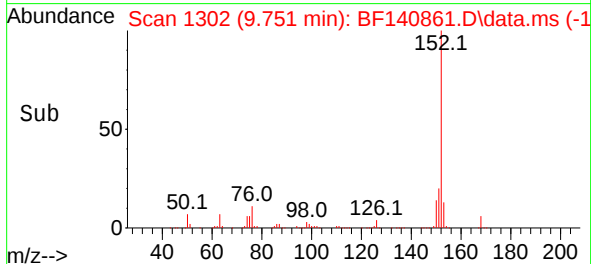
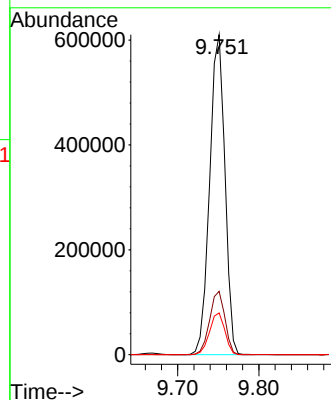
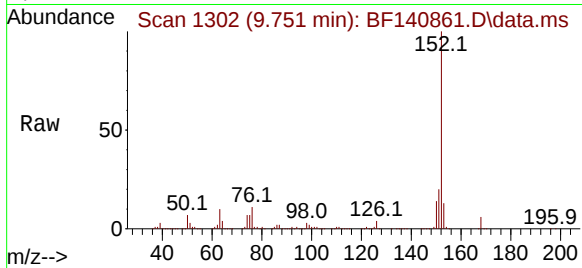
Tgt Ion:152 Resp: 794616

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 60.305 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

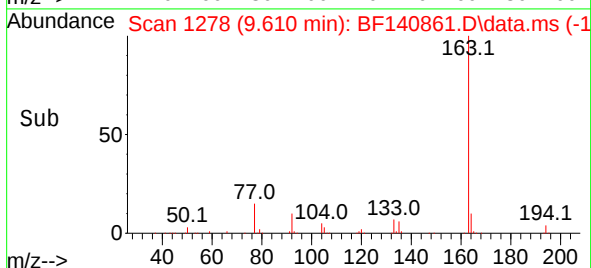
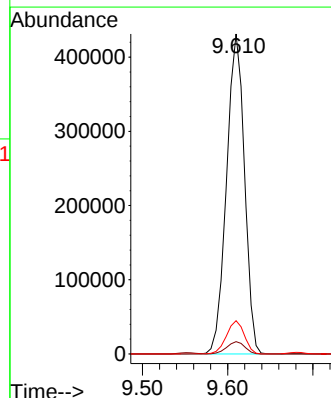
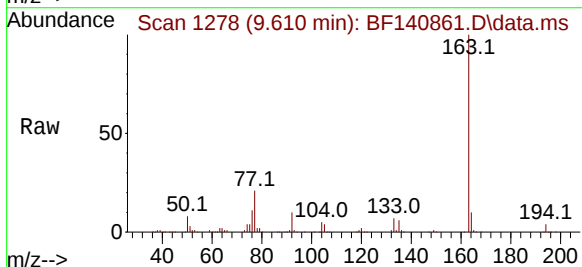
Tgt Ion:163 Resp: 631578

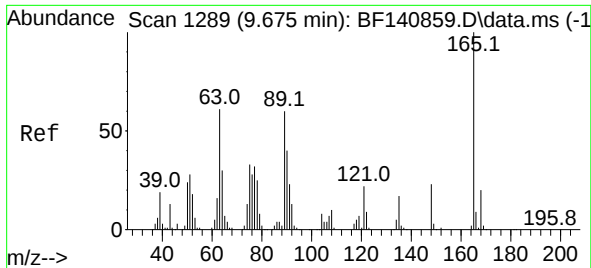
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.1 12.1

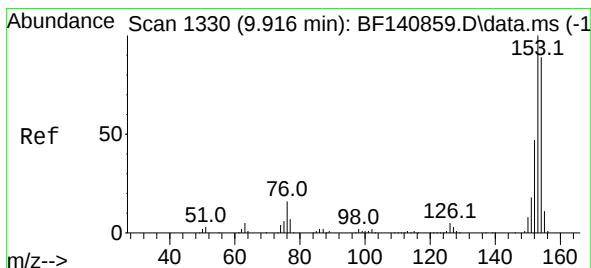
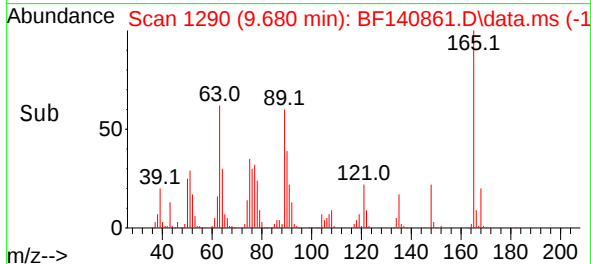
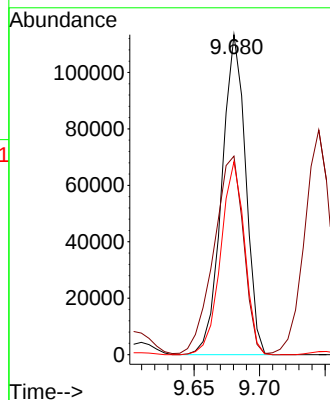
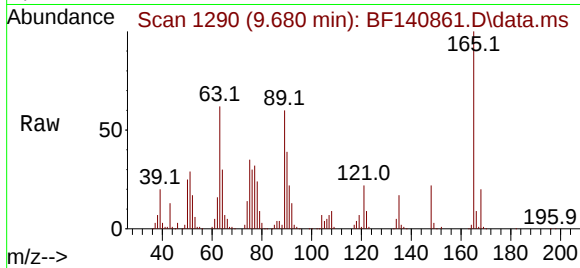




#51  
2,6-Dinitrotoluene  
Concen: 59.771 ng  
RT: 9.680 min Scan# 1289  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

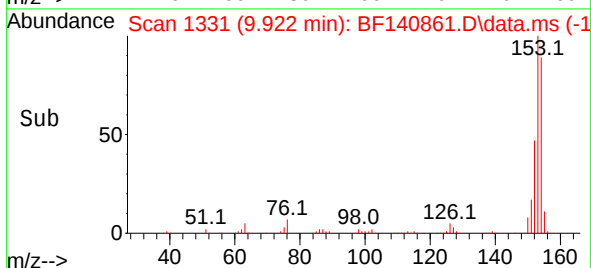
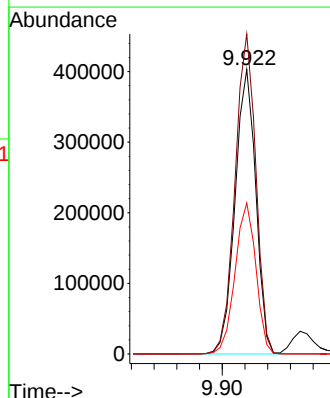
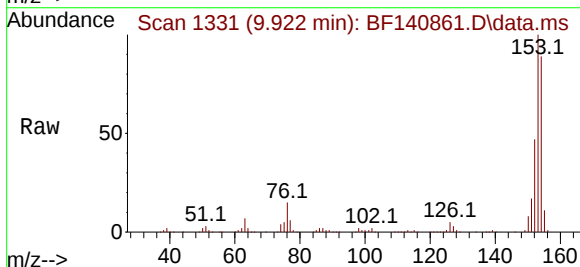
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

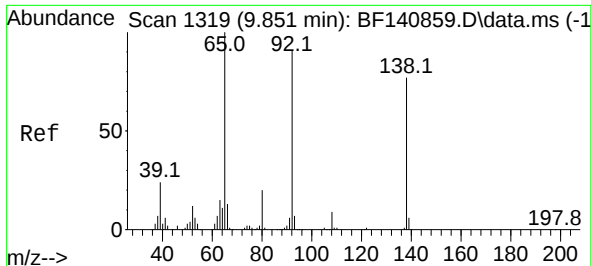
Tgt Ion:165 Resp: 143106  
Ion Ratio Lower Upper  
165 100  
63 62.1 49.7 74.5  
89 60.3 48.2 72.4



#52  
Acenaphthene  
Concen: 60.297 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:154 Resp: 511499  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.9 134.9  
152 53.1 42.6 63.8

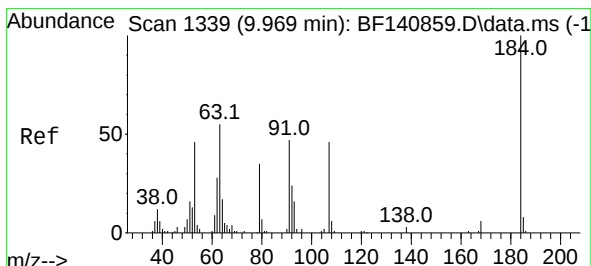
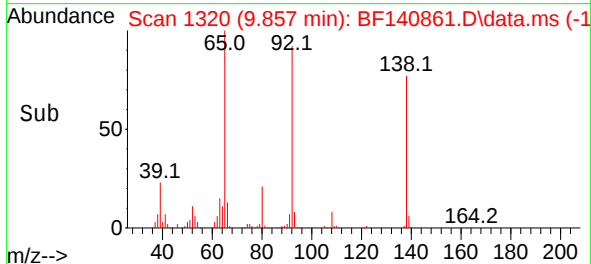
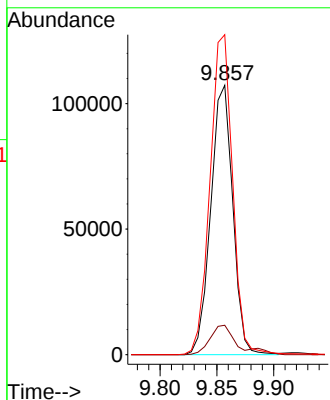
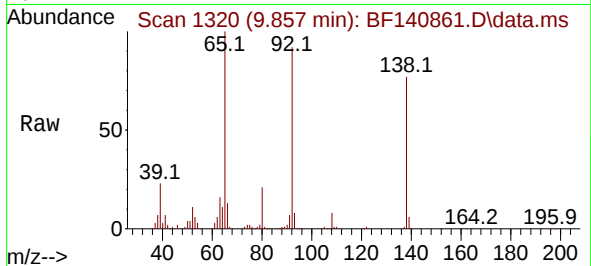




#53  
3-Nitroaniline  
Concen: 60.971 ng  
RT: 9.857 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

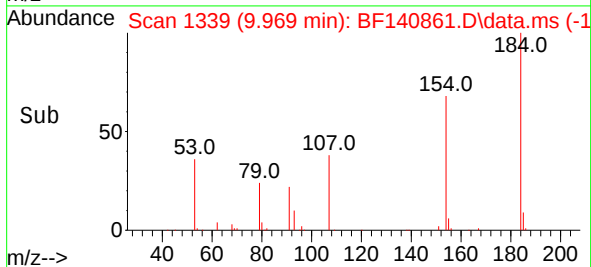
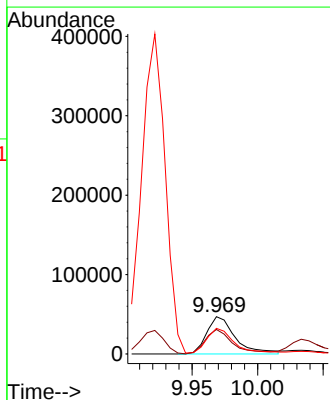
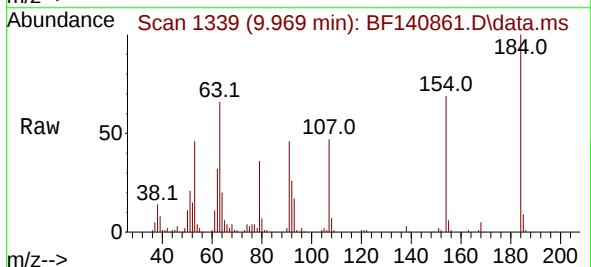
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

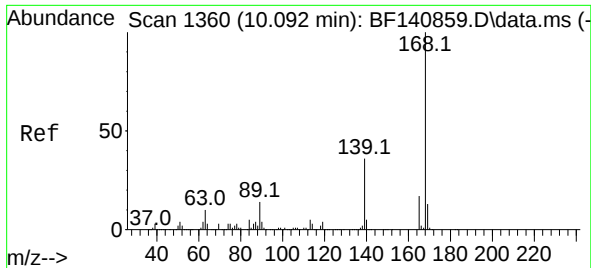
Tgt Ion:138 Resp: 144867  
Ion Ratio Lower Upper  
138 100  
108 10.9 9.0 13.4  
92 118.7 95.5 143.3



#54  
2,4-Dinitrophenol  
Concen: 62.619 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:184 Resp: 71344  
Ion Ratio Lower Upper  
184 100  
63 65.5 51.6 77.4  
154 68.7 56.1 84.1

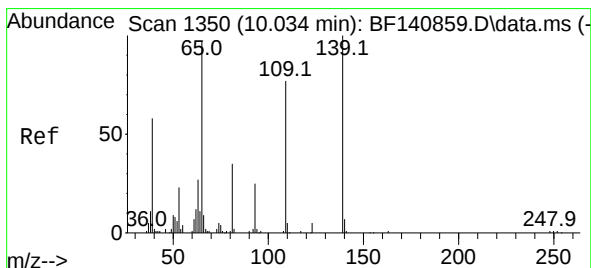
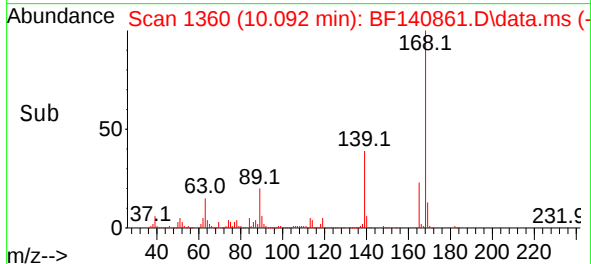
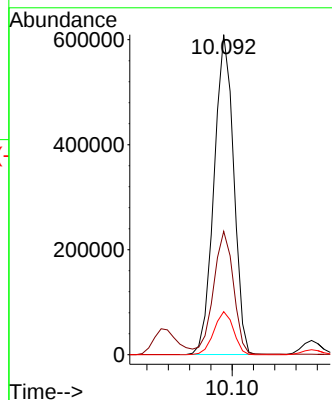
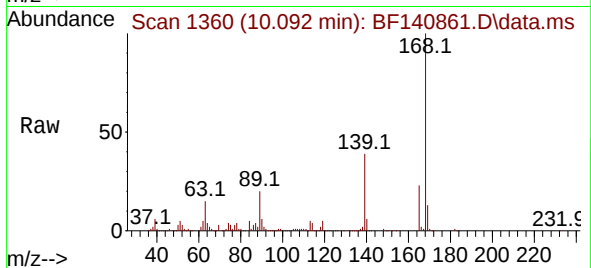




#55  
Dibenzenofuran  
Concen: 59.193 ng  
RT: 10.092 min Scan# 1360  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

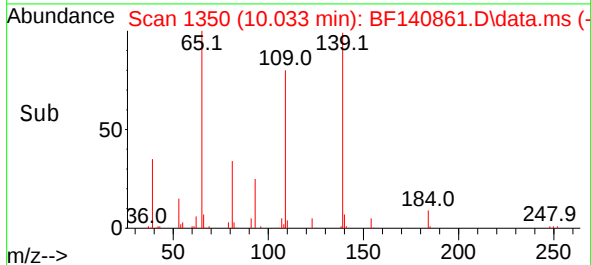
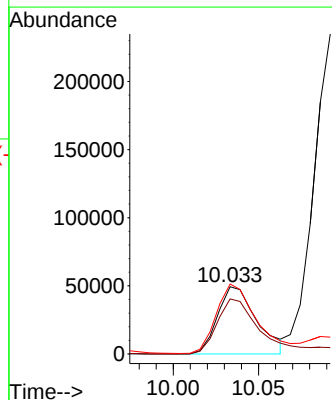
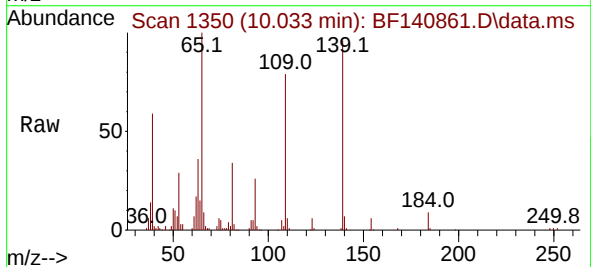
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

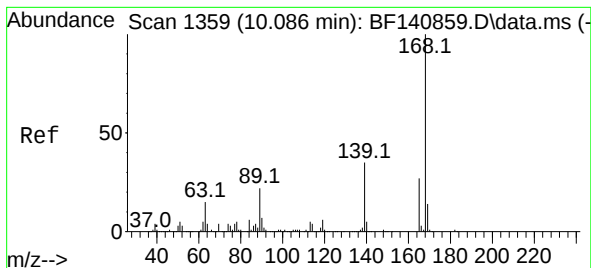
Tgt Ion:168 Resp: 778085  
Ion Ratio Lower Upper  
168 100  
139 38.5 31.1 46.7  
169 13.5 10.6 16.0



#56  
4-Nitrophenol  
Concen: 62.429 ng  
RT: 10.033 min Scan# 1350  
Delta R.T. -0.001 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:139 Resp: 78468  
Ion Ratio Lower Upper  
139 100  
109 81.8 56.7 96.7  
65 104.1 78.1 118.1

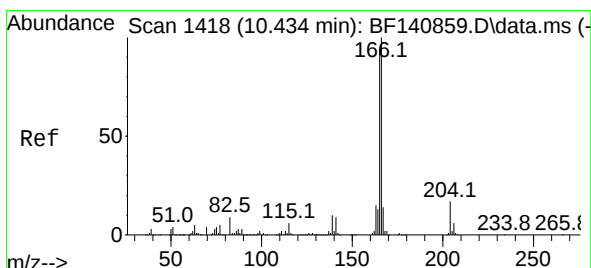
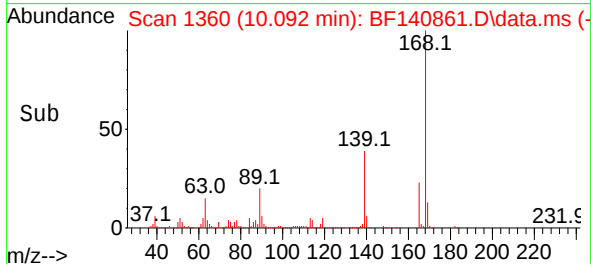
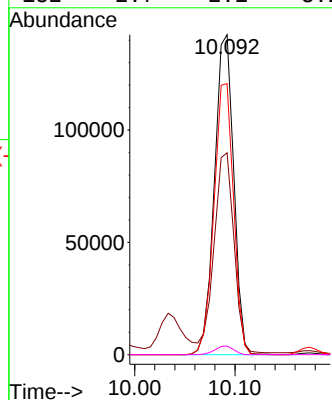
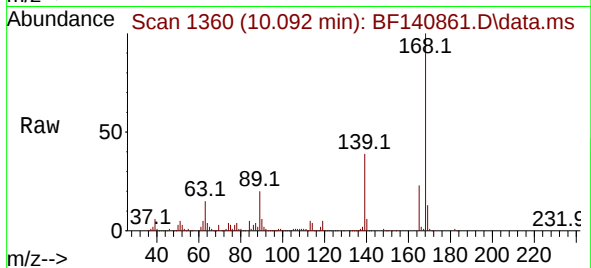




#57  
2,4-Dinitrotoluene  
Concen: 60.246 ng  
RT: 10.092 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

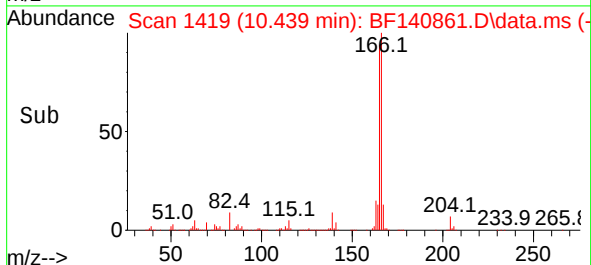
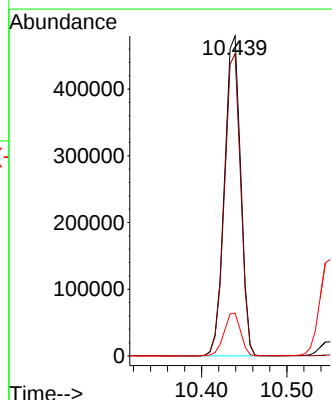
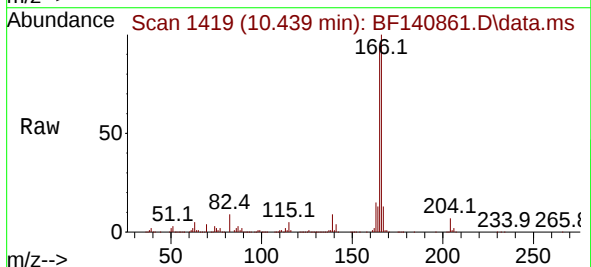
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

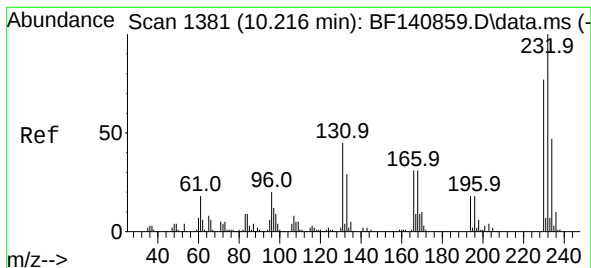
Tgt Ion:165 Resp: 189784  
Ion Ratio Lower Upper  
165 100  
63 63.1 49.3 73.9  
89 84.7 66.2 99.4  
182 2.7 2.1 3.1



#58  
Fluorene  
Concen: 58.546 ng  
RT: 10.439 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:166 Resp: 634898  
Ion Ratio Lower Upper  
166 100  
165 94.5 75.1 112.7  
167 13.4 11.1 16.7

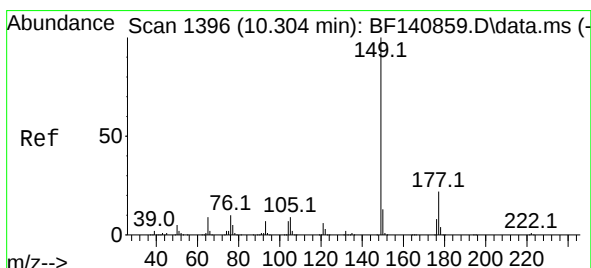
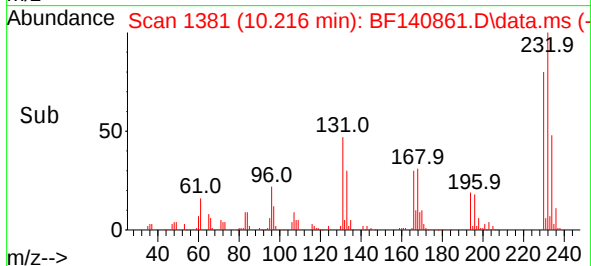
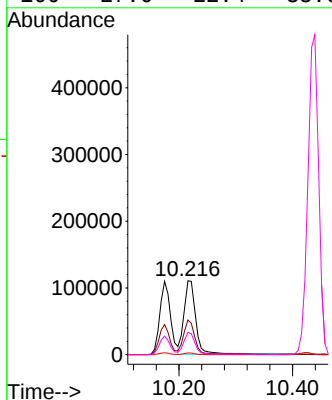
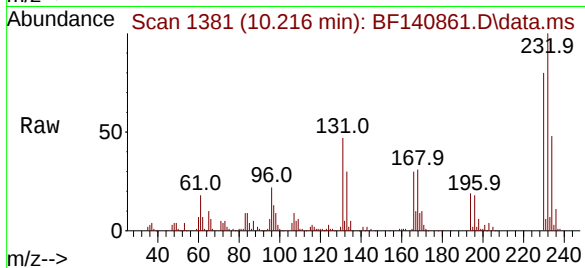




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 63.281 ng  
RT: 10.216 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

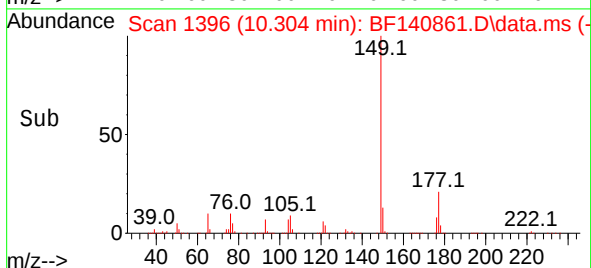
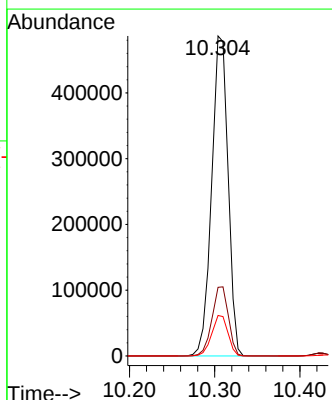
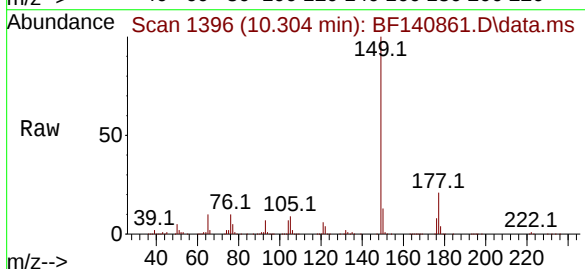
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

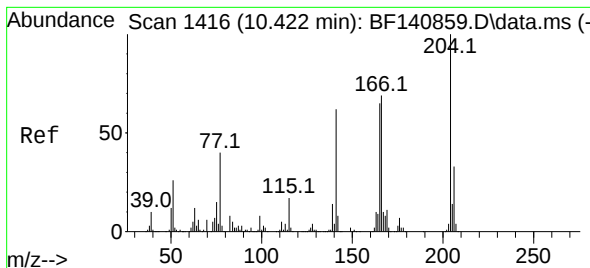
Tgt Ion:232 Resp: 158455  
Ion Ratio Lower Upper  
232 100  
131 44.9 35.1 52.7  
130 2.2 1.8 2.8  
166 27.6 22.4 33.6



#60  
Diethylphthalate  
Concen: 59.961 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:149 Resp: 651190  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.2 25.8  
150 12.6 10.1 15.1

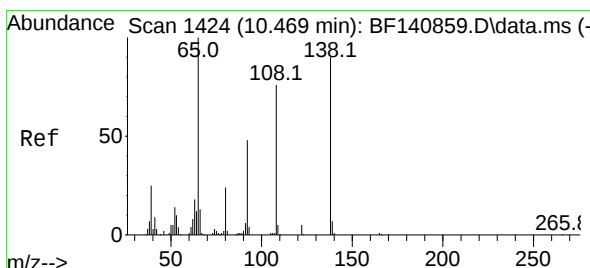
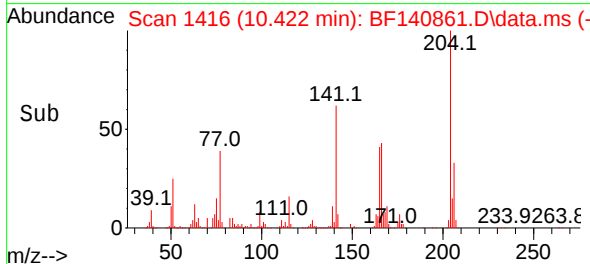
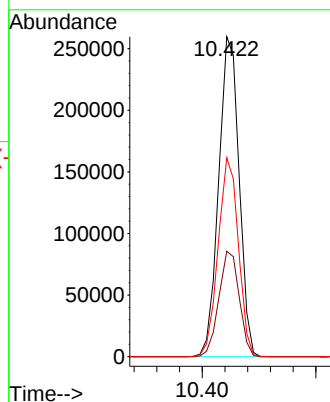
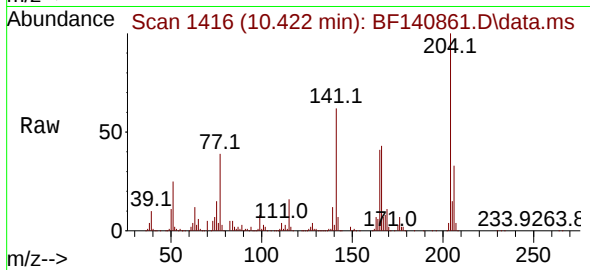




#61  
4-Chlorophenyl-phenylether  
Concen: 59.539 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

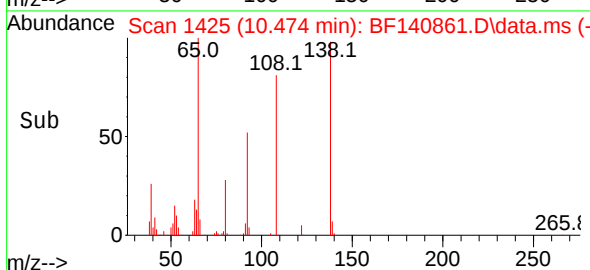
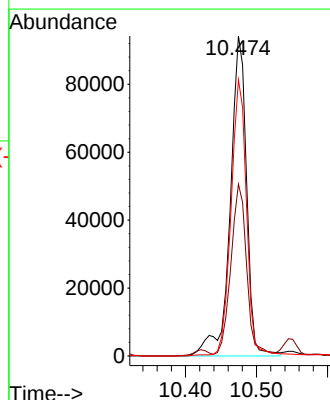
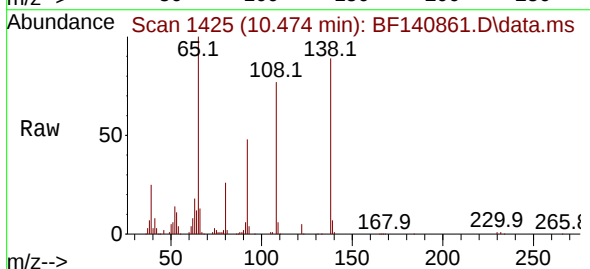
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

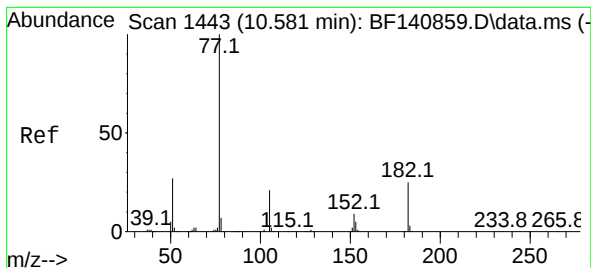
Tgt Ion:204 Resp: 324333  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.5 39.7  
141 62.1 50.0 75.0



#62  
4-Nitroaniline  
Concen: 60.812 ng  
RT: 10.474 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:138 Resp: 150990  
Ion Ratio Lower Upper  
138 100  
92 53.7 32.6 72.6  
108 86.3 64.1 104.1





#63

Azobenzene

Concen: 58.245 ng

RT: 10.586 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 594674

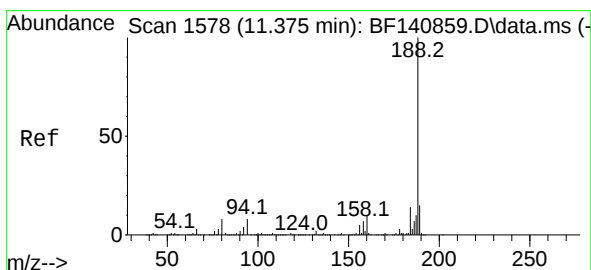
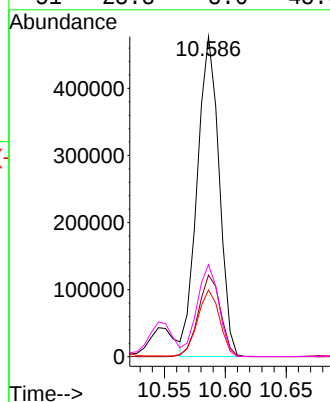
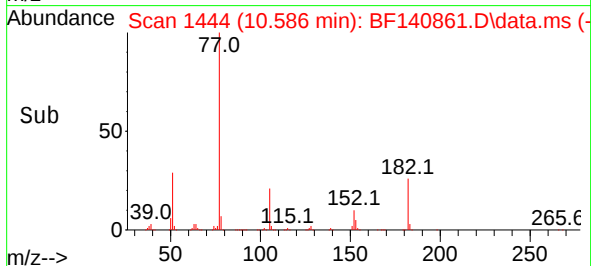
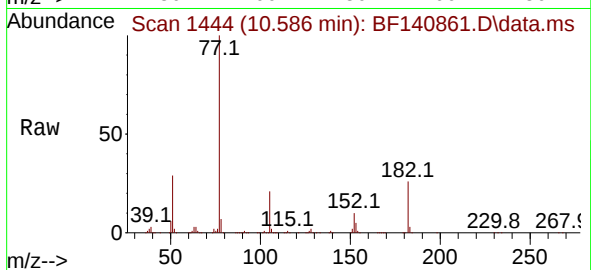
Ion Ratio Lower Upper

77 100

182 25.5 4.5 44.5

105 20.8 0.9 40.9

51 28.8 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

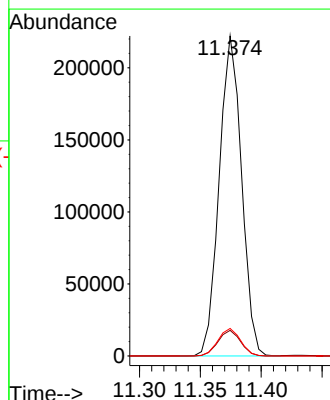
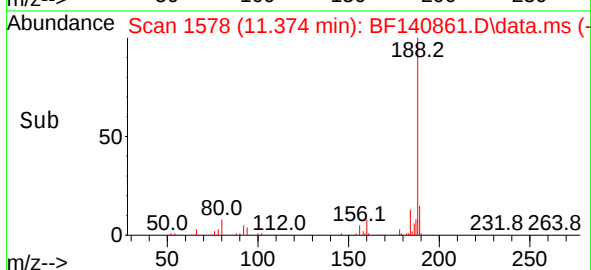
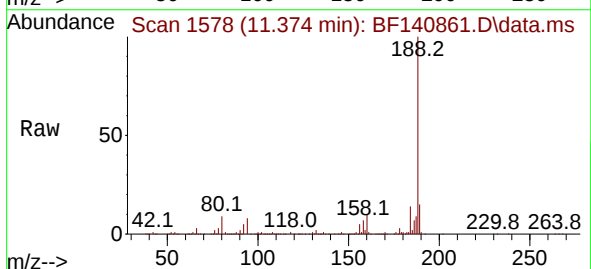
Tgt Ion: 188 Resp: 283911

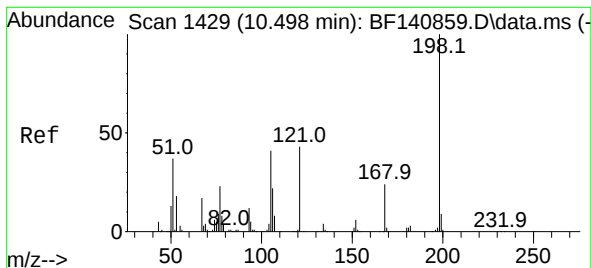
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.6 6.8 10.2

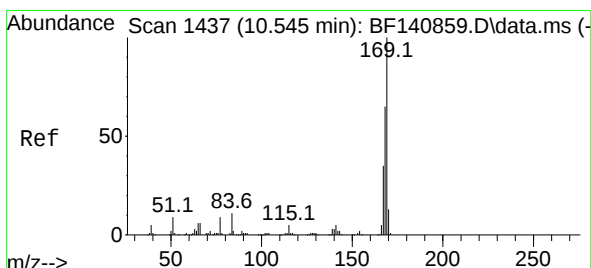
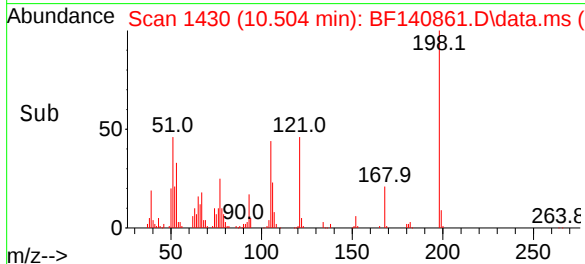
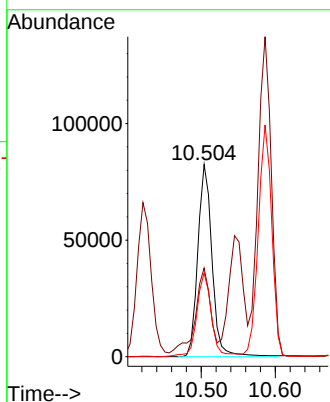
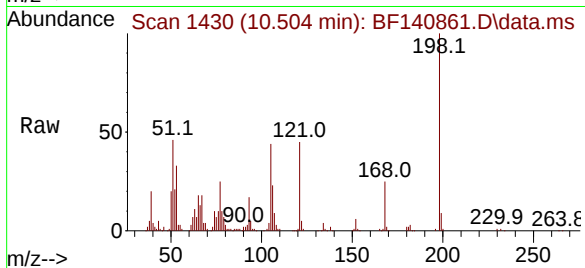




#65  
4,6-Dinitro-2-methylphenol  
Concen: 68.263 ng  
RT: 10.504 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

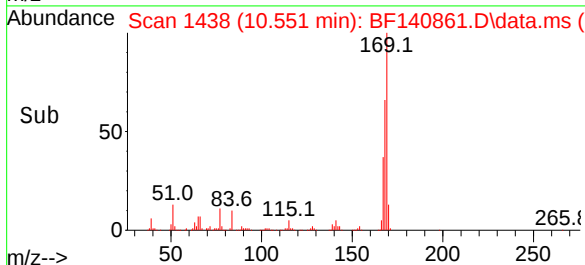
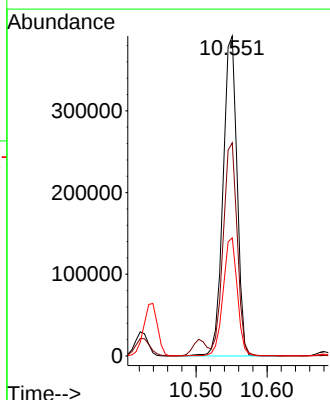
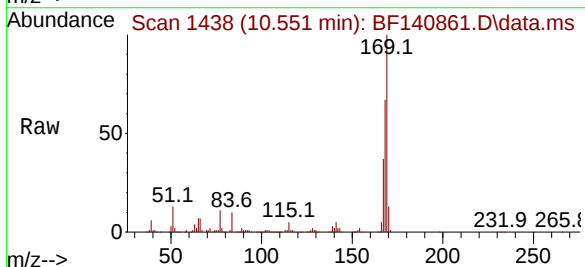
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

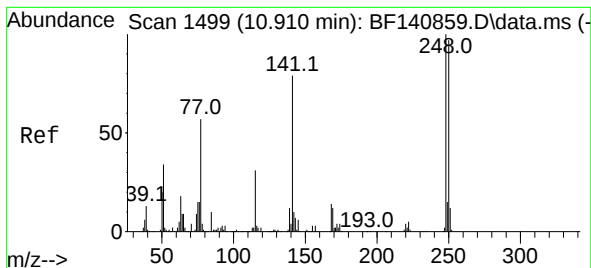
Tgt Ion:198 Resp: 109821  
Ion Ratio Lower Upper  
198 100  
51 46.2 24.4 64.4  
105 43.6 22.1 62.1



#66  
n-Nitrosodiphenylamine  
Concen: 61.058 ng  
RT: 10.551 min Scan# 1438  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:169 Resp: 532978  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.4 80.0  
167 36.9 28.3 42.5

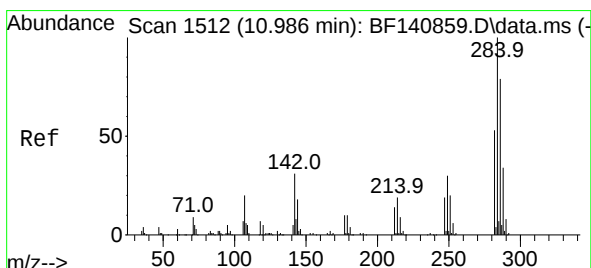
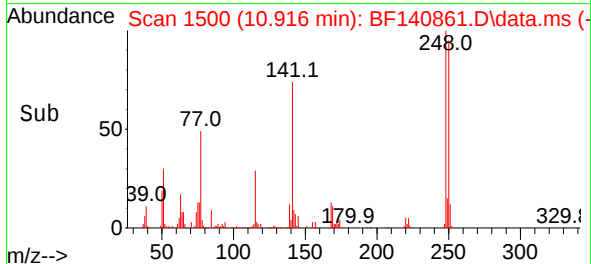
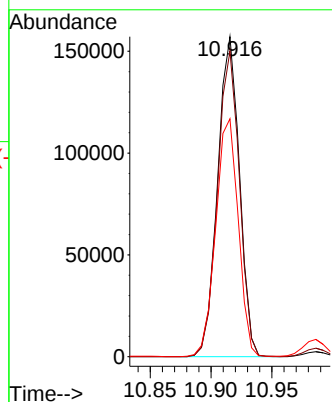
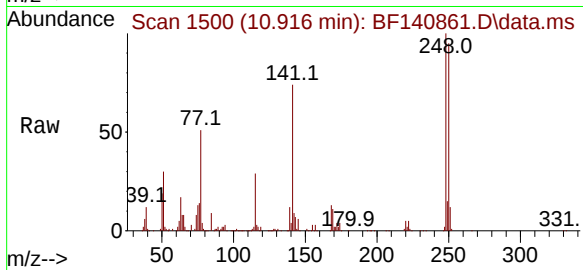




#67  
4-Bromophenyl-phenylether  
Concen: 61.907 ng  
RT: 10.916 min Scan# 1499  
Delta R.T. 0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

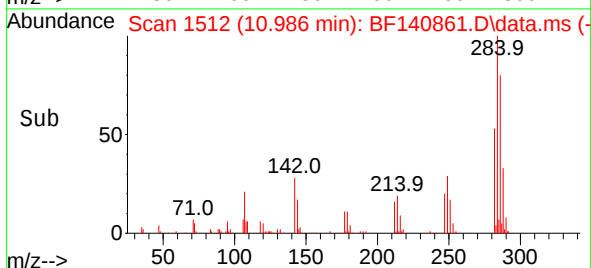
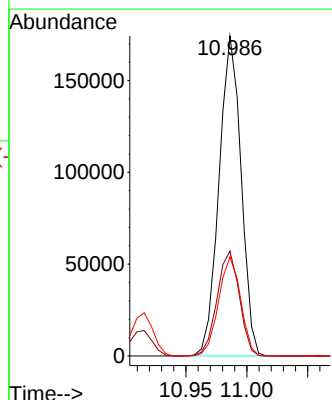
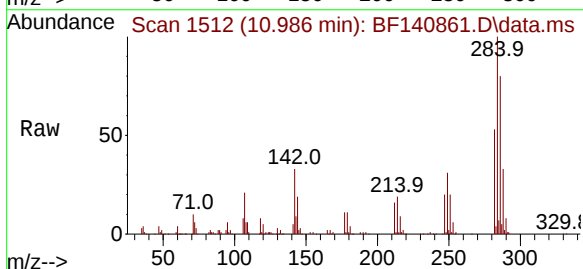
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

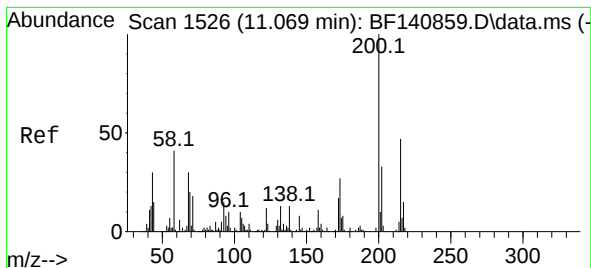
Tgt Ion:248 Resp: 196628  
Ion Ratio Lower Upper  
248 100  
250 95.5 77.4 116.2  
141 74.3 62.9 94.3



#68  
Hexachlorobenzene  
Concen: 61.005 ng  
RT: 10.986 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:284 Resp: 219687  
Ion Ratio Lower Upper  
284 100  
142 32.8 24.6 36.8  
249 31.0 24.3 36.5





#69

Atrazine

Concen: 54.965 ng

RT: 11.074 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

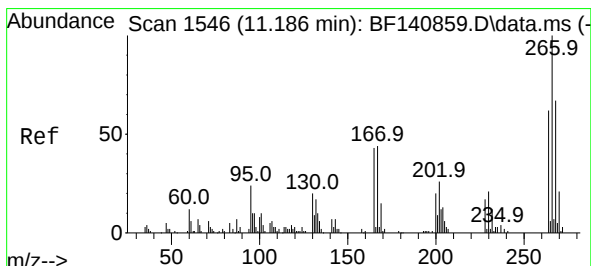
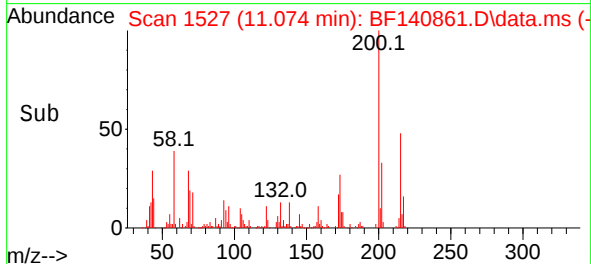
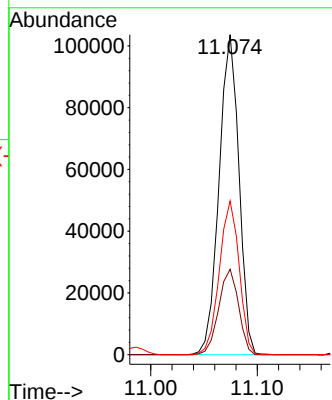
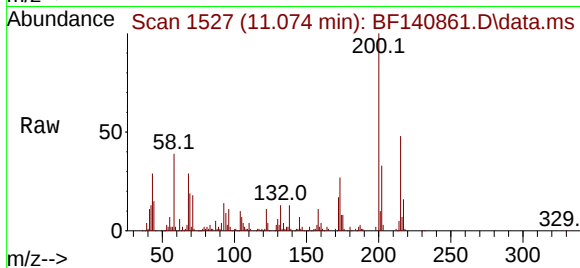
Tgt Ion:200 Resp: 134000

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 48.1 26.7 66.7



#70

Pentachlorophenol

Concen: 68.816 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

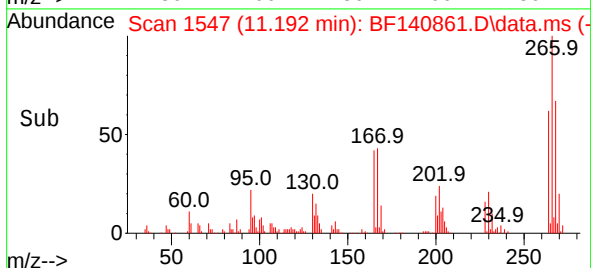
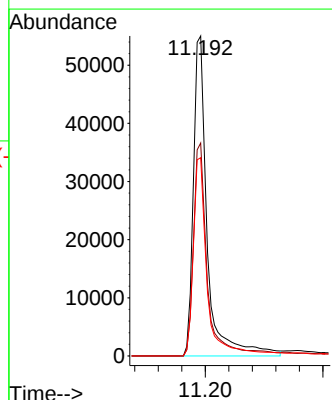
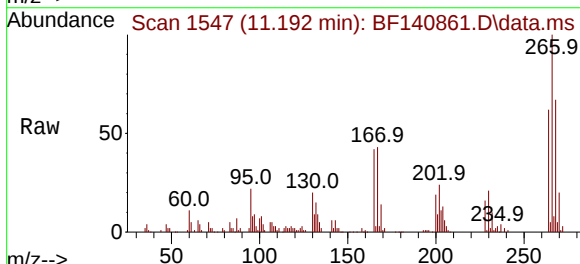
Tgt Ion:266 Resp: 90656

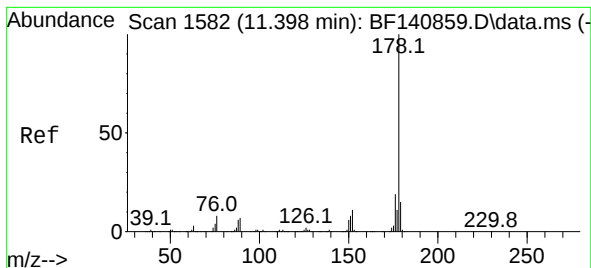
Ion Ratio Lower Upper

266 100

268 66.6 54.0 81.0

264 62.0 49.4 74.2





#71

Phenanthrene

Concen: 59.118 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

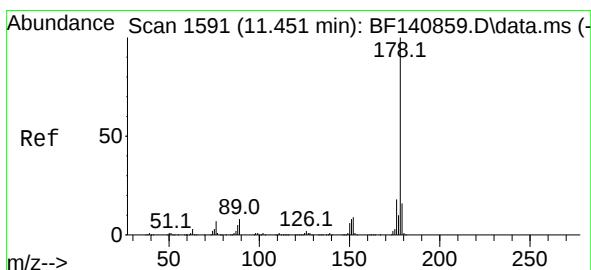
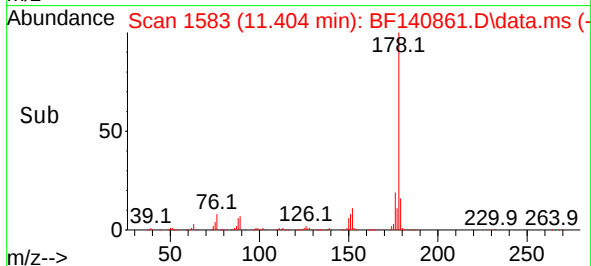
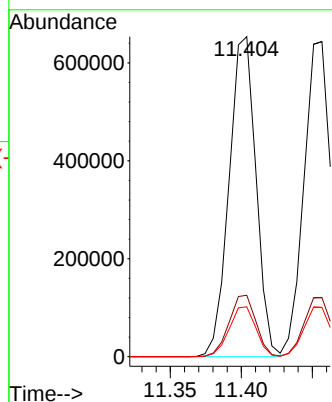
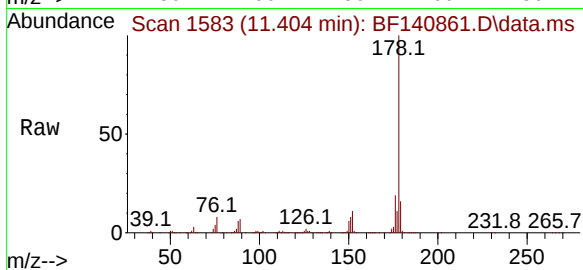
Tgt Ion:178 Resp: 863112

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.6 12.1 18.1



#72

Anthracene

Concen: 59.213 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

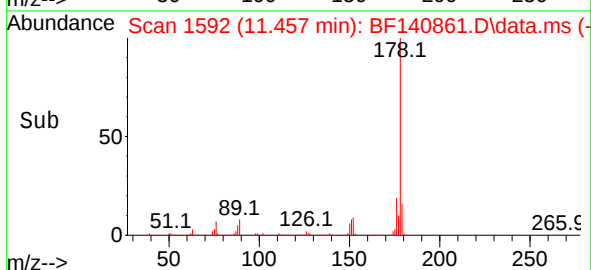
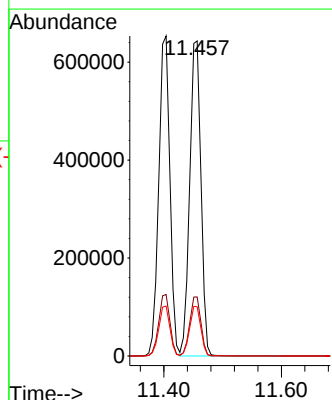
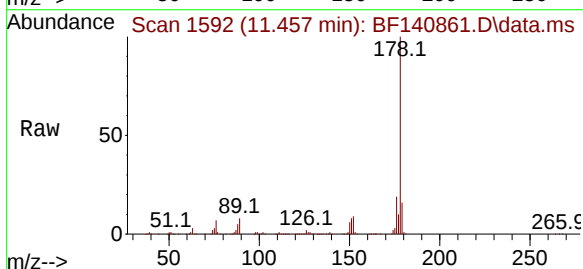
Tgt Ion:178 Resp: 851368

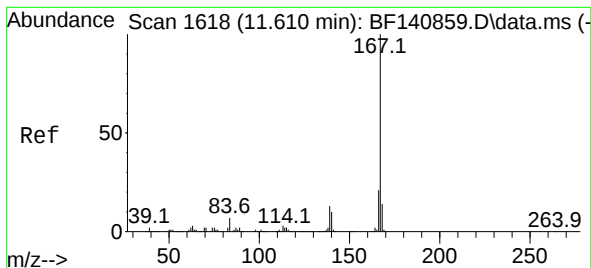
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.6 12.6 18.8





#73

Carbazole

Concen: 58.682 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

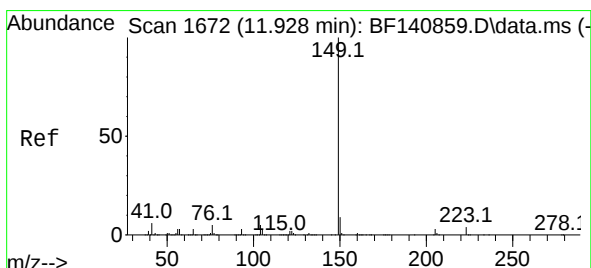
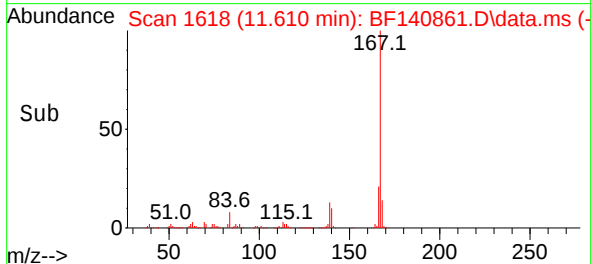
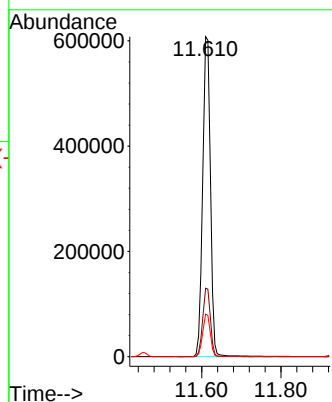
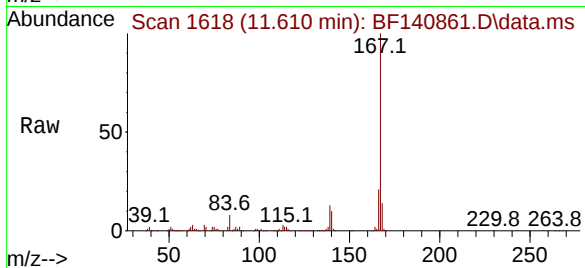
Tgt Ion:167 Resp: 826415

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 13.3 10.2 15.2



#74

Di-n-butylphthalate

Concen: 61.102 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

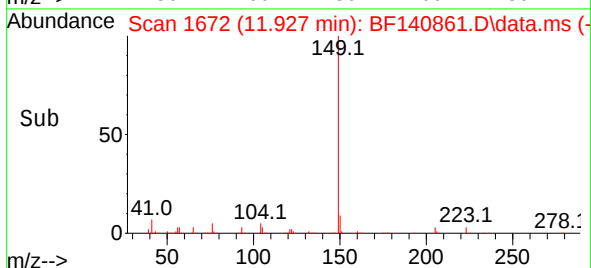
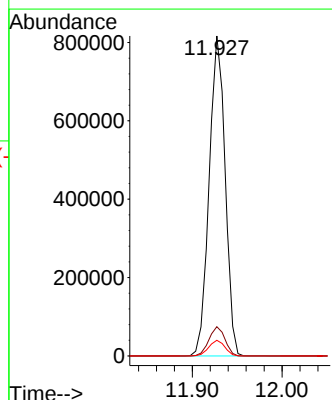
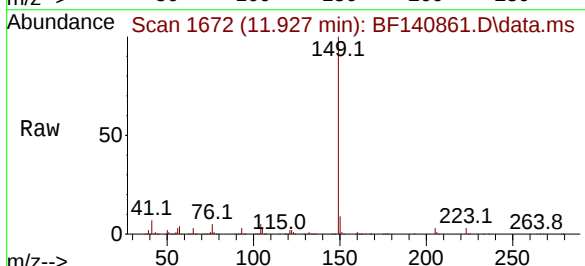
Tgt Ion:149 Resp: 1009898

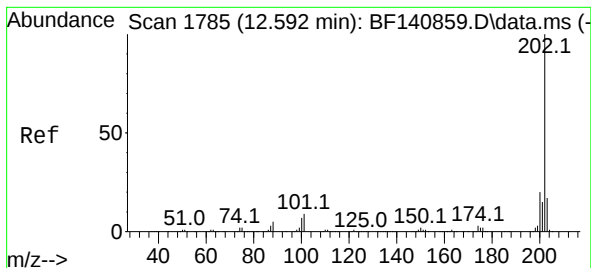
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 59.520 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

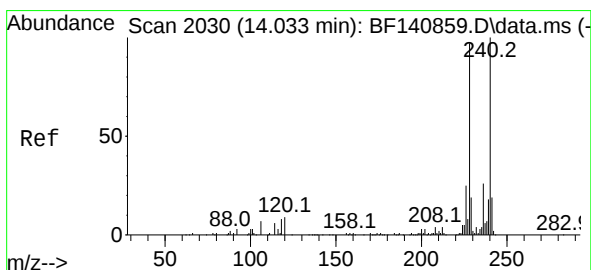
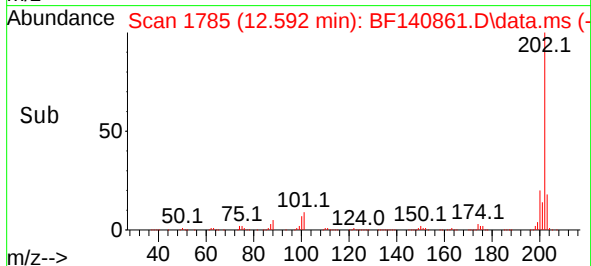
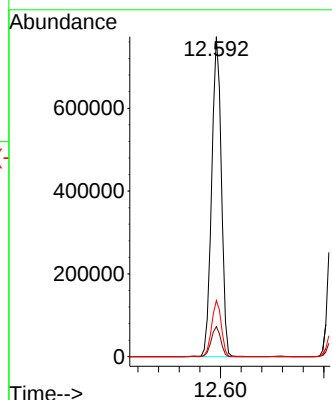
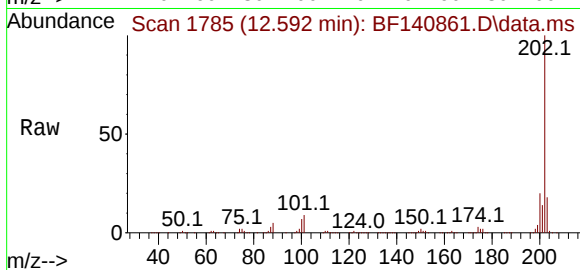
Tgt Ion:202 Resp: 1000773

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.3

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

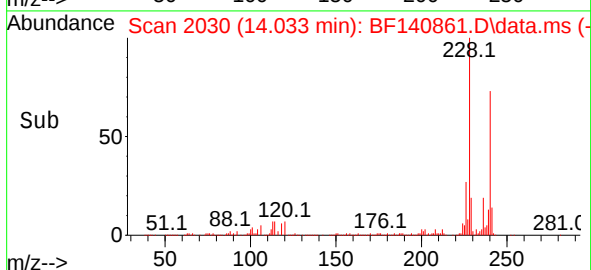
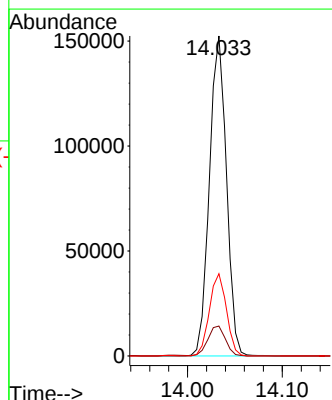
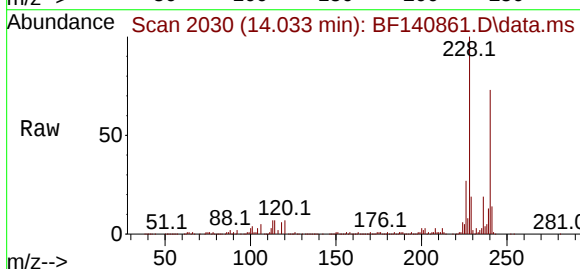
Tgt Ion:240 Resp: 189956

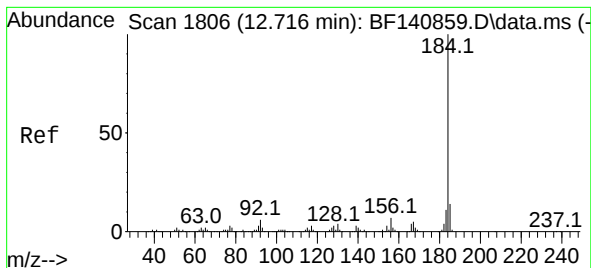
Ion Ratio Lower Upper

240 100

120 9.3 7.6 11.4

236 25.7 20.5 30.7





#77

Benzidine

Concen: 66.762 ng

RT: 12.715 min Scan# 1806

Delta R.T. -0.001 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

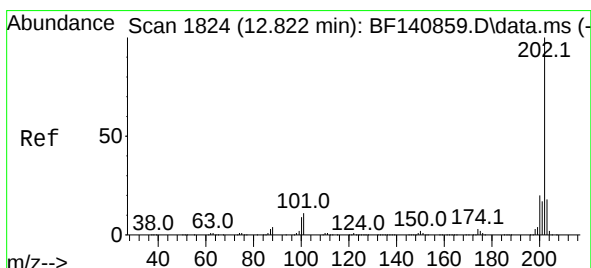
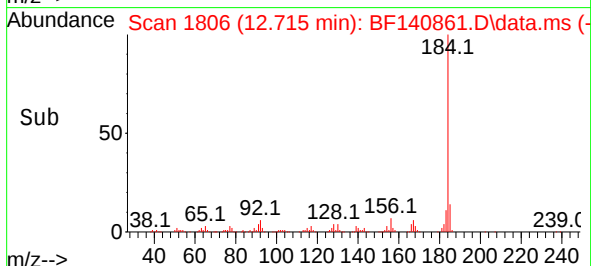
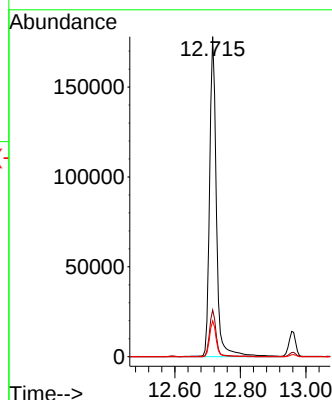
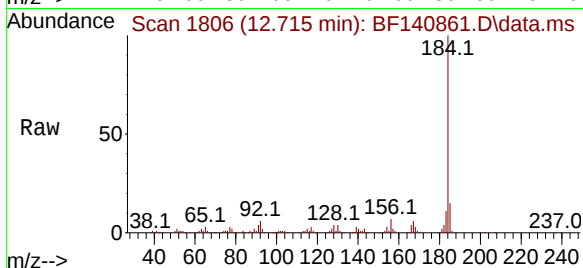
Tgt Ion:184 Resp: 258833

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

183 11.2 9.0 13.4



#78

Pyrene

Concen: 59.679 ng

RT: 12.821 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

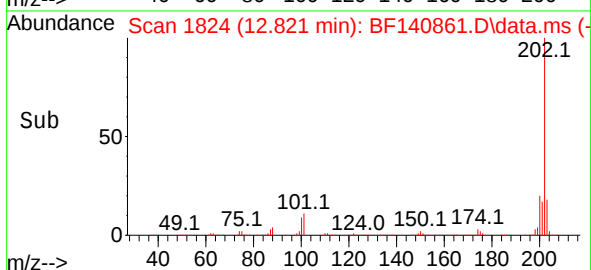
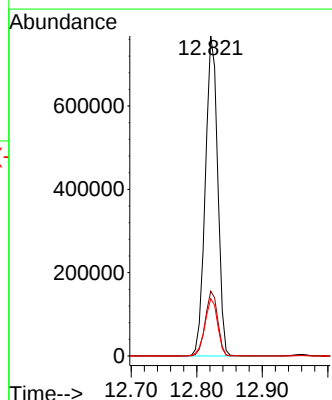
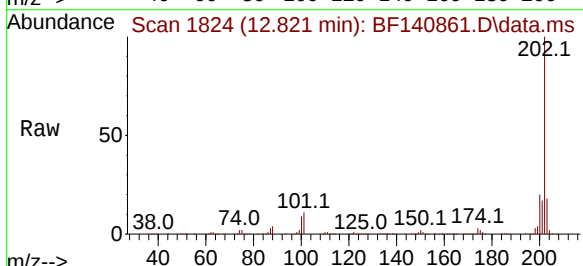
Tgt Ion:202 Resp: 1008093

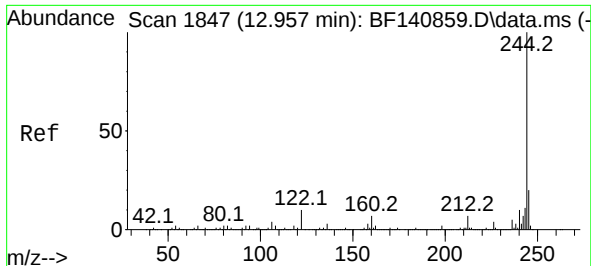
Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

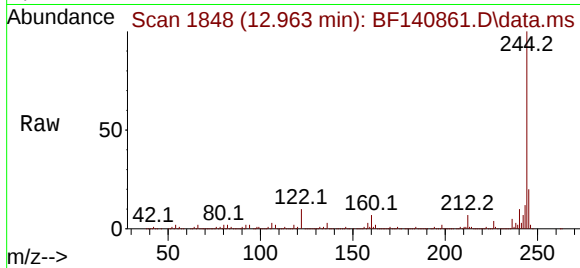
203 17.9 14.2 21.4



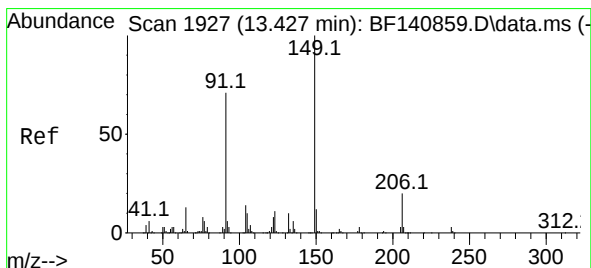
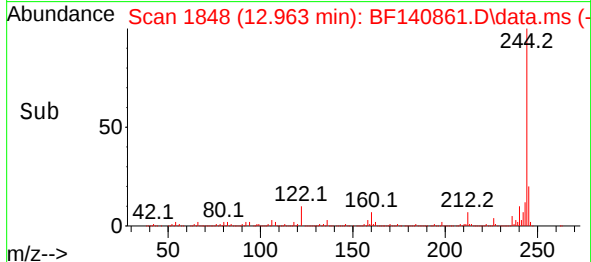
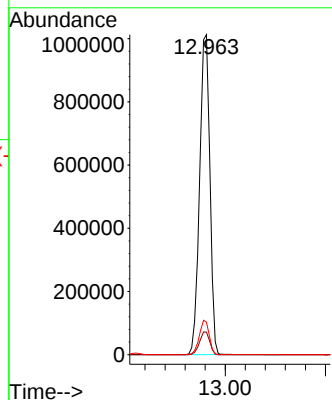


#79  
 Terphenyl-d14  
 Concen: 119.191 ng  
 RT: 12.963 min Scan# 1848  
 Delta R.T. 0.006 min  
 Lab File: BF140861.D  
 Acq: 16 Dec 2024 15:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

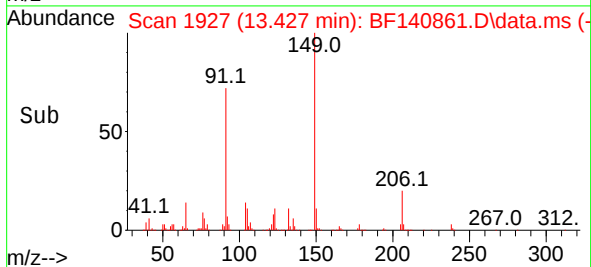
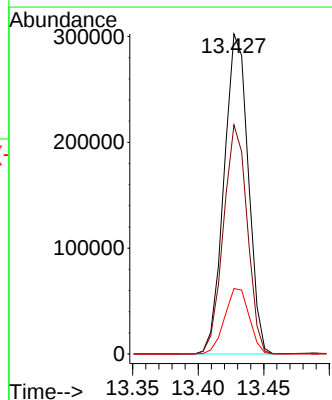
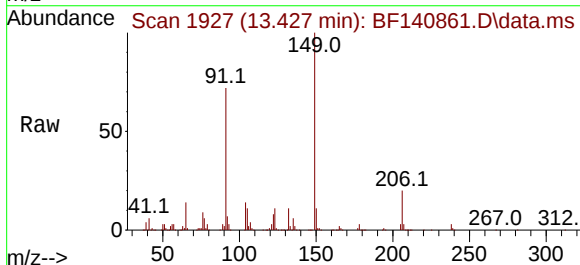


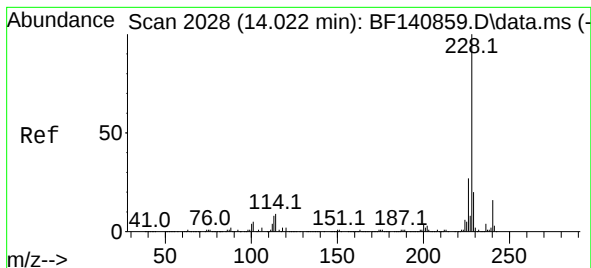
Tgt Ion:244 Resp: 1435829  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 10.2 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 62.410 ng  
 RT: 13.427 min Scan# 1927  
 Delta R.T. -0.000 min  
 Lab File: BF140861.D  
 Acq: 16 Dec 2024 15:49

Tgt Ion:149 Resp: 387906  
 Ion Ratio Lower Upper  
 149 100  
 91 71.6 56.7 85.1  
 206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 60.019 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

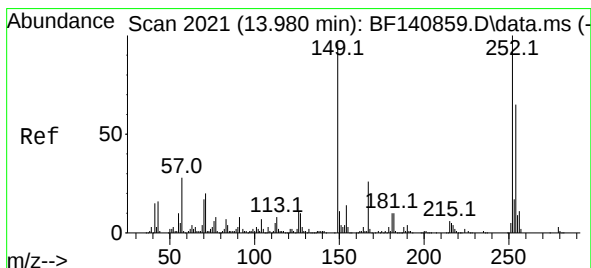
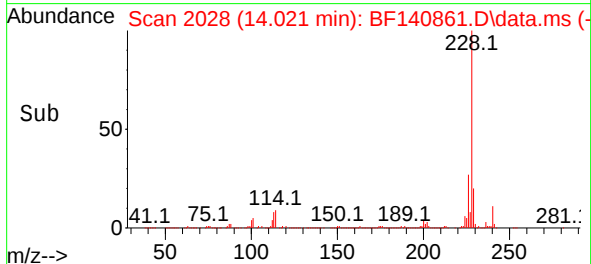
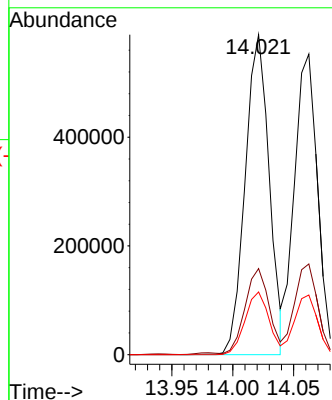
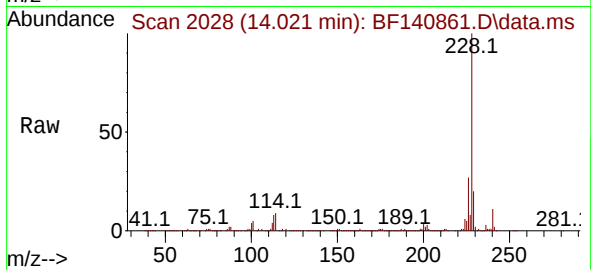
Tgt Ion:228 Resp: 808026

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 62.622 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

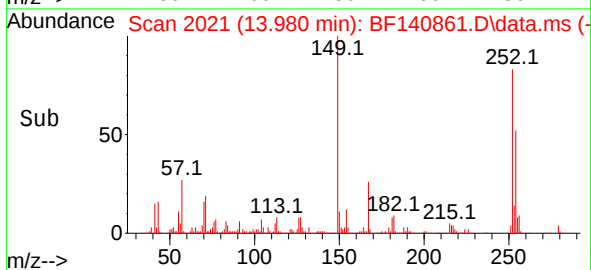
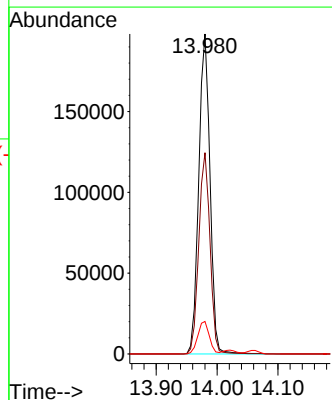
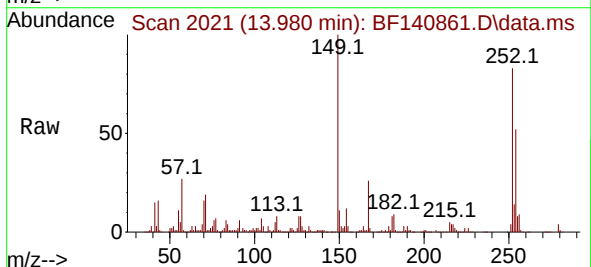
Tgt Ion:252 Resp: 254358

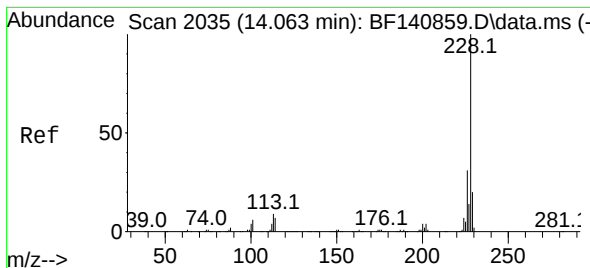
Ion Ratio Lower Upper

252 100

254 62.9 52.3 78.5

126 10.2 8.4 12.6





#83

Chrysene

Concen: 59.712 ng

RT: 14.062 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

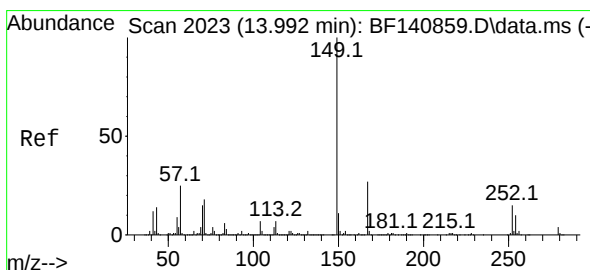
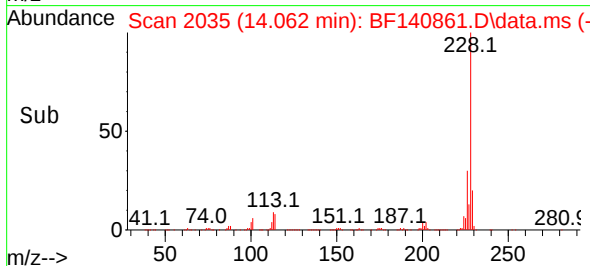
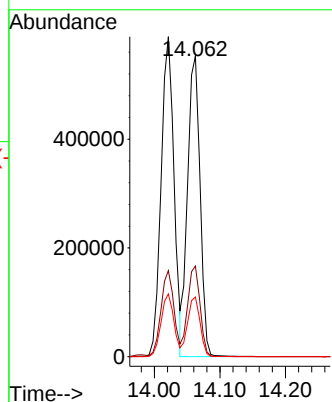
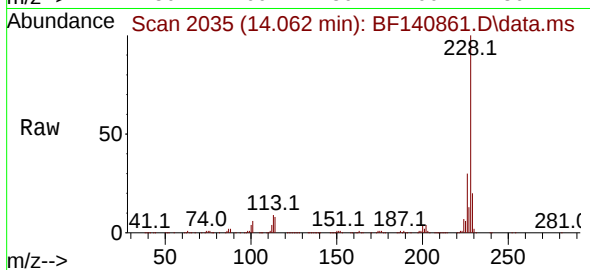
Tgt Ion:228 Resp: 731004

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.289 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

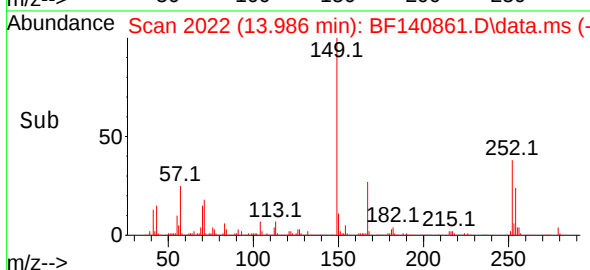
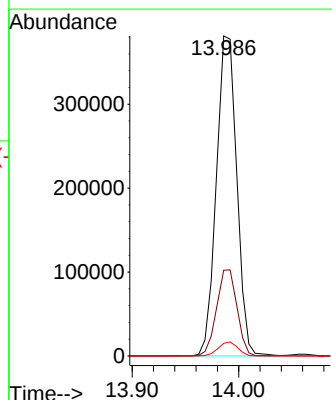
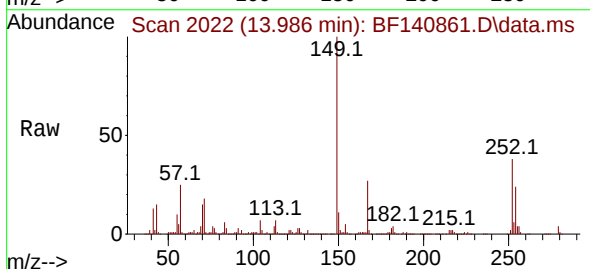
Tgt Ion:149 Resp: 507221

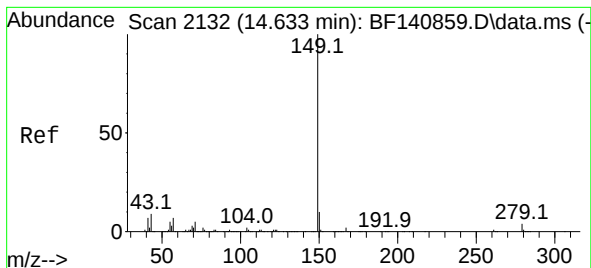
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 4.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 62.220 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

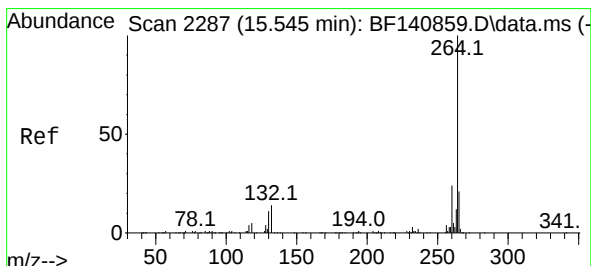
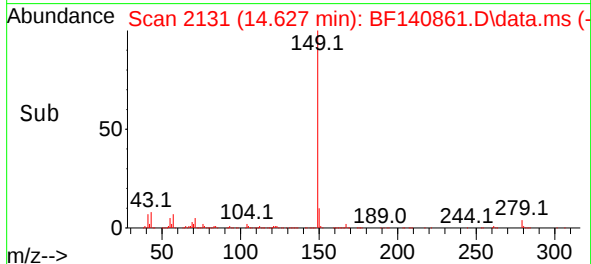
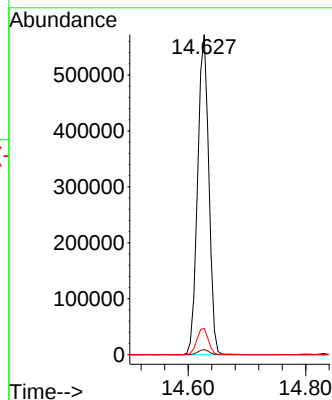
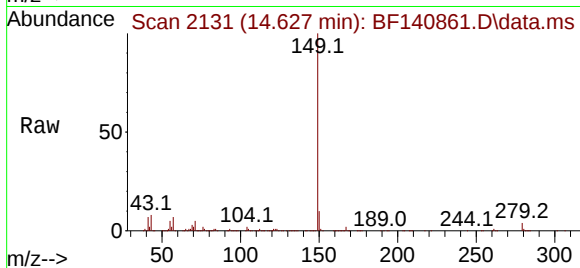
Tgt Ion:149 Resp: 754409

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.018 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

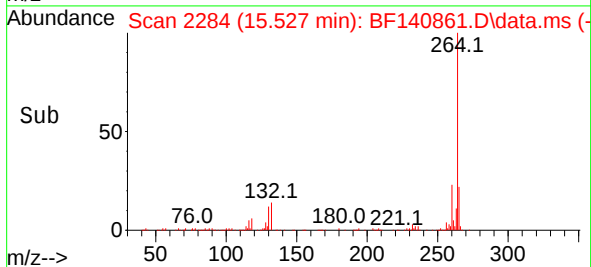
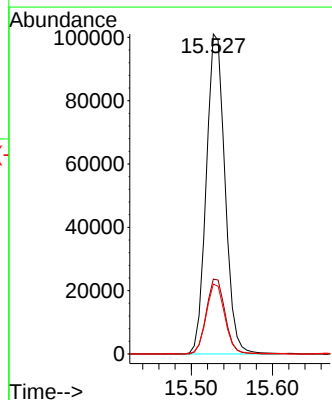
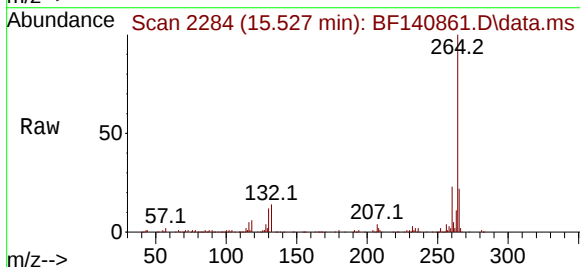
Tgt Ion:264 Resp: 161062

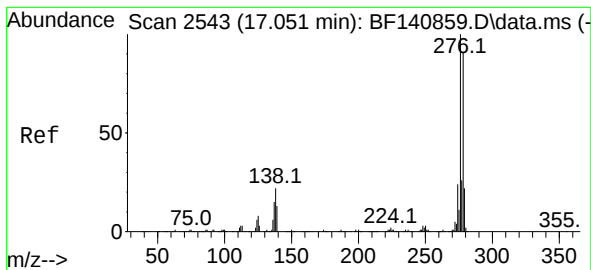
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.934 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

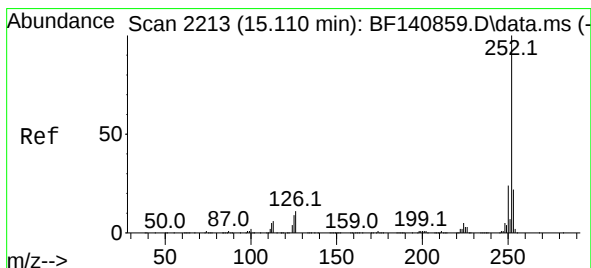
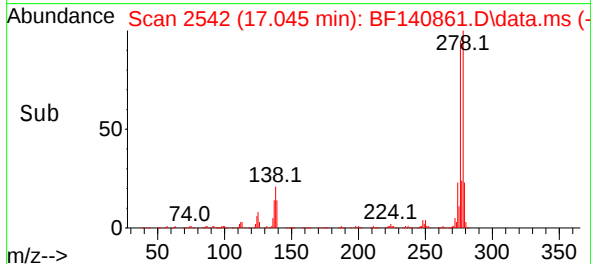
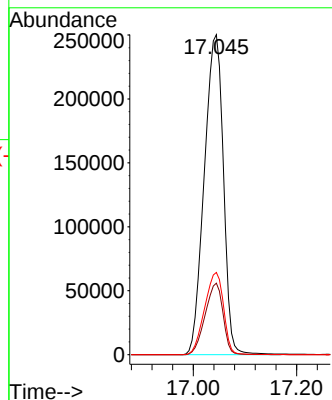
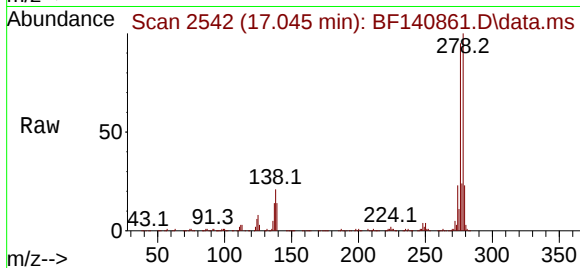
Tgt Ion:276 Resp: 642591

Ion Ratio Lower Upper

276 100

138 20.9 16.9 25.3

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 62.306 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.012 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

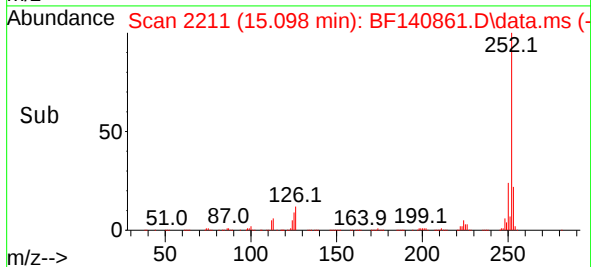
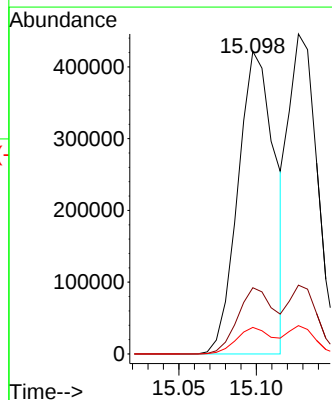
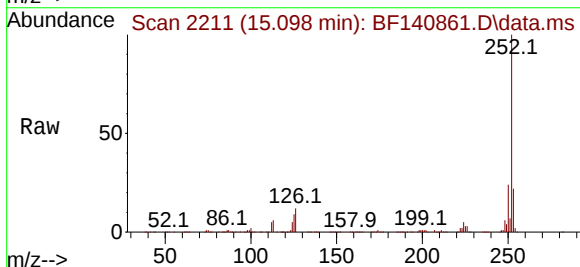
Tgt Ion:252 Resp: 696582

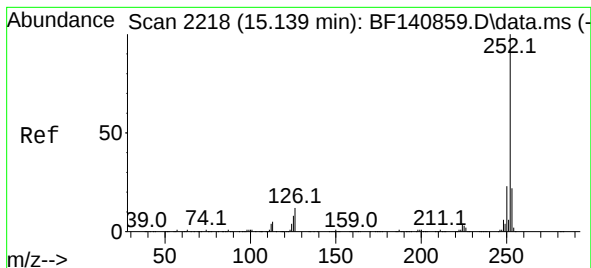
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 59.574 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.012 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

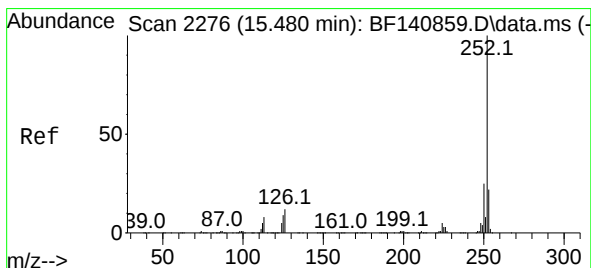
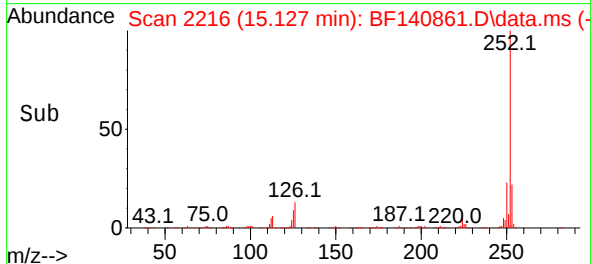
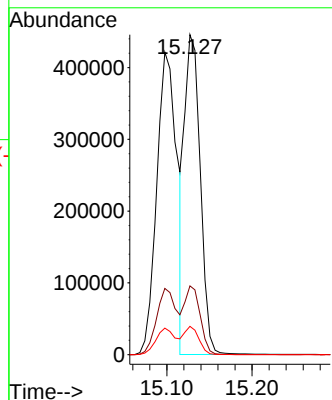
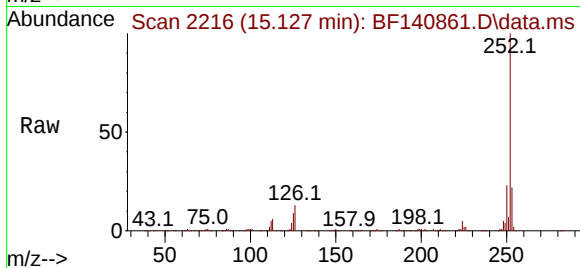
Tgt Ion:252 Resp: 571329

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.8 6.8 10.2



#90

Benzo(a)pyrene

Concen: 61.920 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

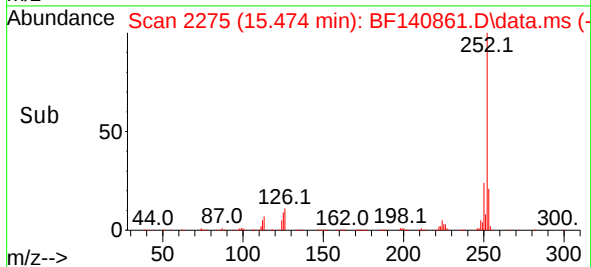
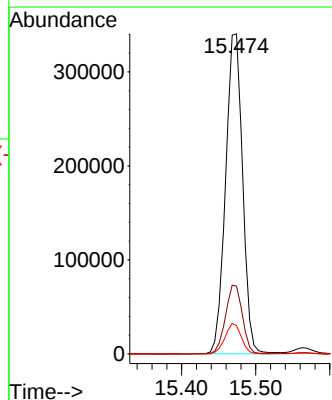
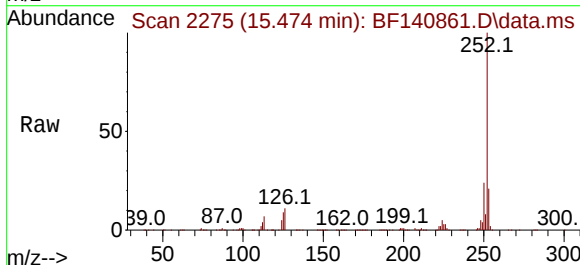
Tgt Ion:252 Resp: 542075

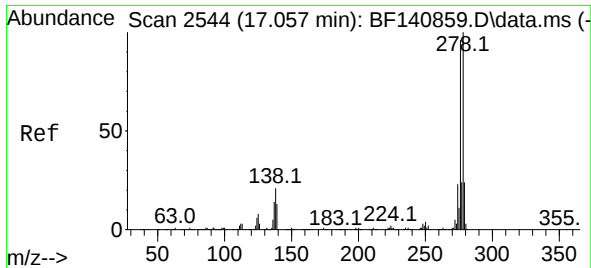
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 8.9 7.5 11.3

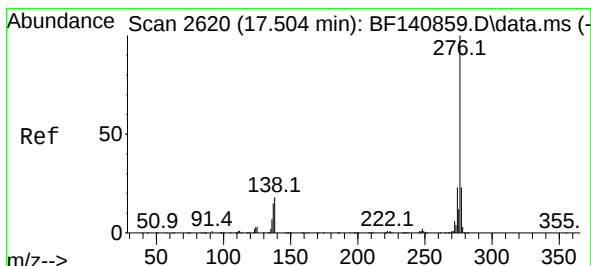
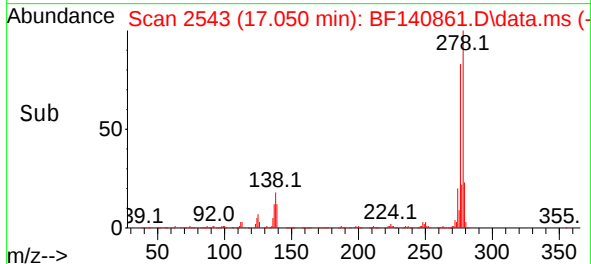
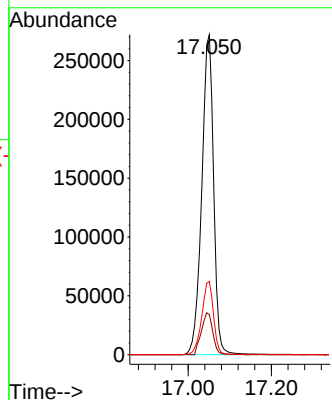
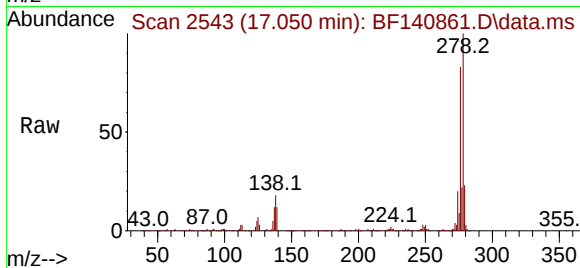




#91  
Dibenzo(a,h)anthracene  
Concen: 64.789 ng  
RT: 17.050 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:278 Resp: 539476  
Ion Ratio Lower Upper  
278 100  
139 12.5 10.6 16.0  
279 22.9 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 62.602 ng  
RT: 17.498 min Scan# 2619  
Delta R.T. -0.006 min  
Lab File: BF140861.D  
Acq: 16 Dec 2024 15:49

Tgt Ion:276 Resp: 530525  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.7 28.1  
138 17.5 14.2 21.2

