

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122024\  
 Data File : BF140959.D  
 Acq On : 20 Dec 2024 19:24  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Dec 20 22:00:16 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 16:59:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 66227    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 248513   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 146137   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 291861   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 207326   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.516 | 264  | 184556   | 20.000 | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 318577   | 79.188 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 421997   | 79.195 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 386452   | 77.801 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.681 | 330  | 135717   | 78.522 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 811564   | 76.352 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 1001326  | 76.158 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.605  | 88   | 65032    | 37.529 | ng    | 98       |
| 3) Pyridine                   | 3.387  | 79   | 154925   | 38.605 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 74446    | 36.798 | ng    | 95       |
| 6) Aniline                    | 6.522  | 93   | 175414   | 38.501 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.646  | 128  | 177168   | 40.383 | ng    | 99       |
| 9) Benzaldehyde               | 6.410  | 77   | 118899   | 40.271 | ng    | 98       |
| 10) Phenol                    | 6.516  | 94   | 218889   | 39.635 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 157329   | 38.200 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 195796   | 39.166 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 199400   | 39.295 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 186168   | 38.884 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 149510   | 39.242 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 174534   | 35.973 | ng    | 80       |
| 17) 2-Methylphenol            | 7.122  | 107  | 141105   | 40.286 | ng    | 98       |
| 18) Hexachloroethane          | 7.351  | 117  | 71272    | 37.728 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 121188   | 37.915 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 183332   | 39.472 | ng    | # 85     |
| 22) Acetophenone              | 7.263  | 105  | 244338   | 39.304 | ng    | 96       |
| 24) Nitrobenzene              | 7.440  | 77   | 198770   | 39.061 | ng    | 96       |
| 25) Isophorone                | 7.675  | 82   | 313176   | 37.629 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 96414    | 41.138 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.793  | 122  | 109542   | 40.022 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 195305   | 37.572 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 150227   | 39.755 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 168994   | 39.012 | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 539862   | 39.547 | ng    | 100      |
| 32) Benzoic acid              | 7.957  | 122  | 105192   | 40.523 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 180741   | 39.864 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 112071   | 38.453 | ng    | 99       |
| 35) Caprolactam               | 8.592  | 113  | 48736    | 43.322 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 171340   | 40.286 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 354629   | 39.272 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.940  | 142  | 353547   | 39.588 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 176578   | 39.312 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.987  | 237  | 26032    | 28.674 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.134  | 196  | 103055   | 37.469 | ng    | 99       |

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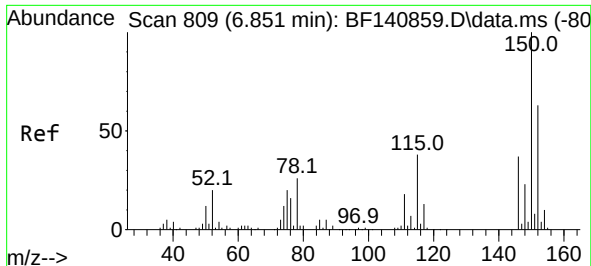
Quant Time: Dec 20 22:00:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:59:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 113791   | 37.641 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 451267   | 38.834 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.334  | 162  | 347940   | 39.139 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 105740   | 39.384 | ng    | 95       |
| 49) Acenaphthylene            | 9.751  | 152  | 522615   | 40.003 | ng    | 99       |
| 50) Dimethylphthalate         | 9.604  | 163  | 394835   | 38.322 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.681  | 165  | 93666    | 39.767 | ng    | 94       |
| 52) Acenaphthene              | 9.922  | 154  | 331006   | 39.664 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.857  | 138  | 96968    | 41.485 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 46064    | 43.346 | ng    | 95       |
| 55) Dibenzofuran              | 10.092 | 168  | 499757   | 38.647 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.051 | 139  | 44580    | 37.930 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 125320   | 40.439 | ng    | 98       |
| 58) Fluorene                  | 10.434 | 166  | 416576   | 39.048 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 92785    | 37.667 | ng    | 94       |
| 60) Diethylphthalate          | 10.304 | 149  | 395324   | 37.002 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 203526   | 37.979 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 94041    | 38.500 | ng    | 97       |
| 63) Azobenzene                | 10.586 | 77   | 368436   | 36.682 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 67642    | 40.900 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 353375   | 39.380 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 124736   | 38.203 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 143941   | 38.882 | ng    | 99       |
| 69) Atrazine                  | 11.069 | 200  | 84689    | 33.792 | ng    | 100      |
| 70) Pentachlorophenol         | 11.198 | 266  | 43771    | 32.340 | ng    | 99       |
| 71) Phenanthrene              | 11.404 | 178  | 595675   | 39.689 | ng    | 100      |
| 72) Anthracene                | 11.457 | 178  | 580319   | 39.262 | ng    | 100      |
| 73) Carbazole                 | 11.616 | 167  | 585180   | 40.420 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.928 | 149  | 646754   | 38.065 | ng    | 99       |
| 75) Fluoranthene              | 12.598 | 202  | 711196   | 41.145 | ng    | 99       |
| 77) Benzidine                 | 12.722 | 184  | 184675   | 43.643 | ng    | 99       |
| 78) Pyrene                    | 12.827 | 202  | 715402   | 38.803 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 266719   | 39.317 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.022 | 228  | 582184   | 39.621 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 179769   | 40.550 | ng    | 98       |
| 83) Chrysene                  | 14.057 | 228  | 508731   | 38.074 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 327711   | 37.465 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.604 | 149  | 439301   | 33.196 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 445783   | 38.707 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 504436   | 39.375 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 400757   | 36.468 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.457 | 252  | 380341   | 37.915 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 367688   | 38.537 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 360772   | 37.152 | ng    | 100      |

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

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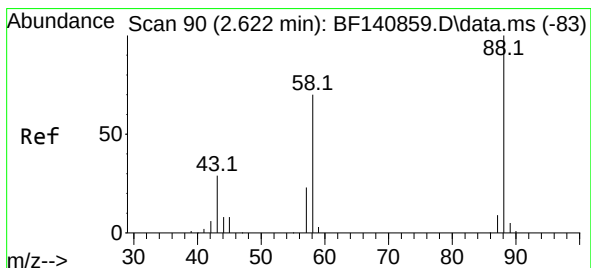
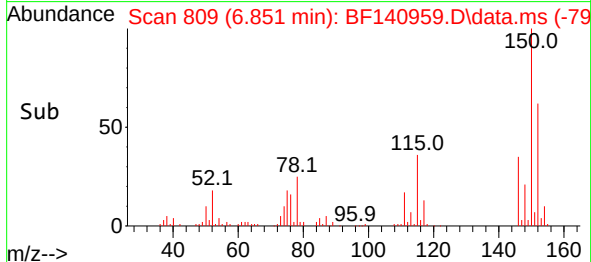
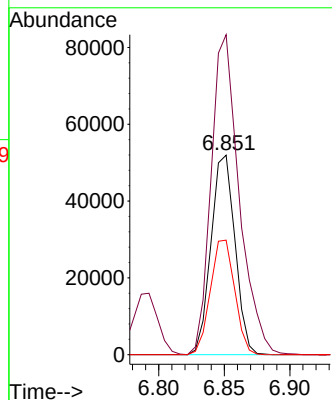
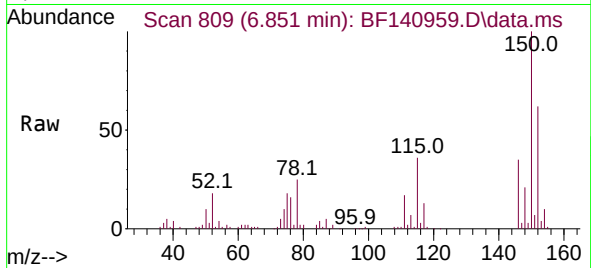




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.851 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF140959.D  
 Acq: 20 Dec 2024 19:24

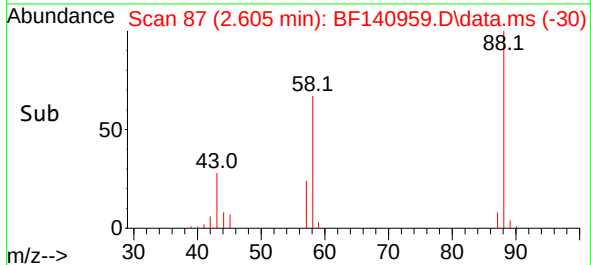
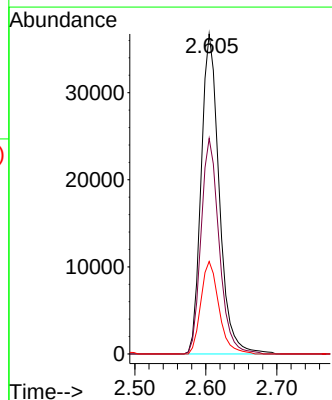
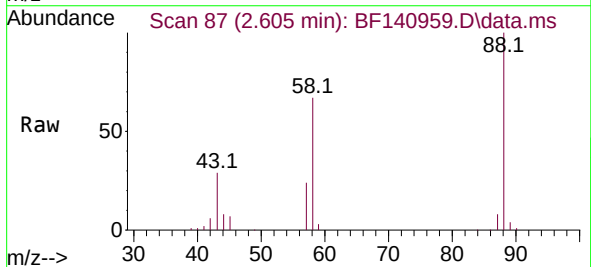
Instrument :  
 BNA\_F  
 ClientSampleId :  
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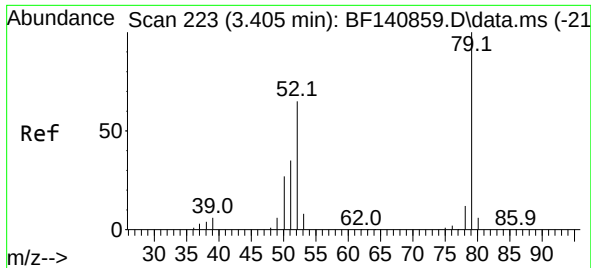
Tgt Ion:152 Resp: 66227  
 Ion Ratio Lower Upper  
 152 100  
 150 160.4 127.9 191.9  
 115 57.4 48.0 72.0



#2  
 1,4-Dioxane  
 Concen: 37.529 ng  
 RT: 2.605 min Scan# 87  
 Delta R.T. -0.018 min  
 Lab File: BF140959.D  
 Acq: 20 Dec 2024 19:24

Tgt Ion: 88 Resp: 65032  
 Ion Ratio Lower Upper  
 88 100  
 58 67.6 55.8 83.8  
 43 28.9 22.7 34.1

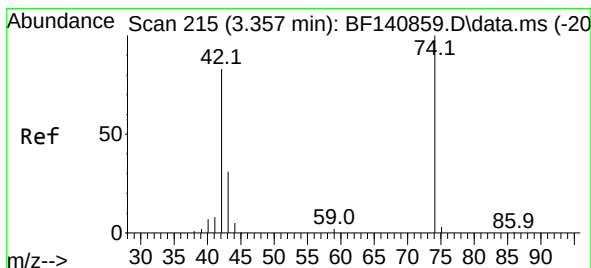
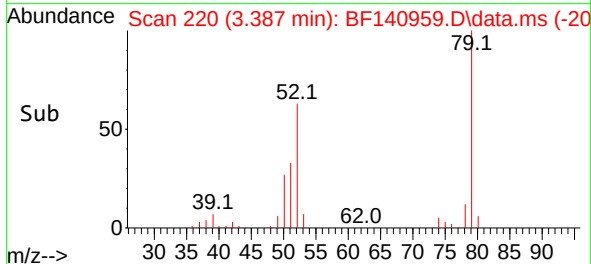
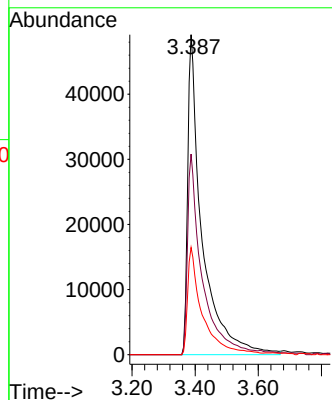
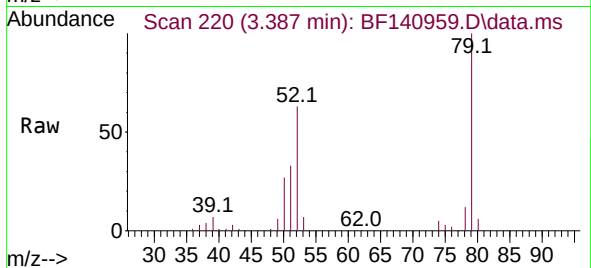




#3  
Pyridine  
Concen: 38.605 ng  
RT: 3.387 min Scan# 213  
Delta R.T. -0.018 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

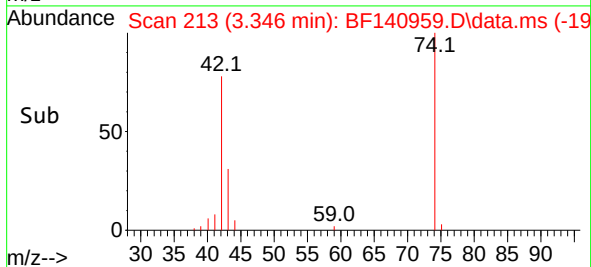
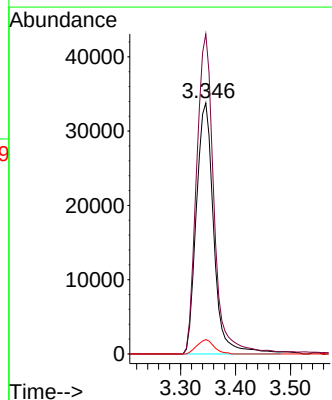
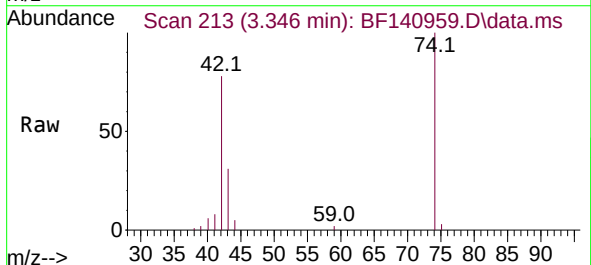
Instrument :  
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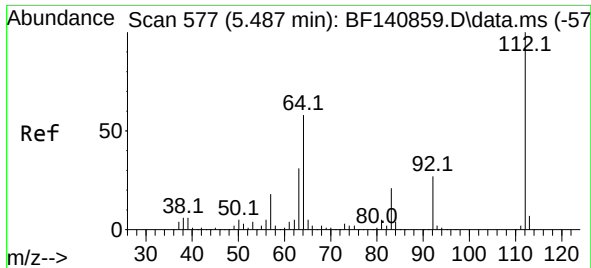
Tgt Ion: 79 Resp: 154925  
Ion Ratio Lower Upper  
79 100  
52 62.7 51.7 77.5  
51 33.5 28.2 42.4



#4  
n-Nitrosodimethylamine  
Concen: 36.798 ng  
RT: 3.346 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion: 42 Resp: 74446  
Ion Ratio Lower Upper  
42 100  
74 127.5 96.9 145.3  
44 5.8 4.4 6.6

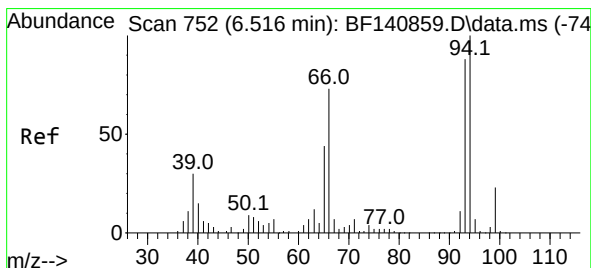
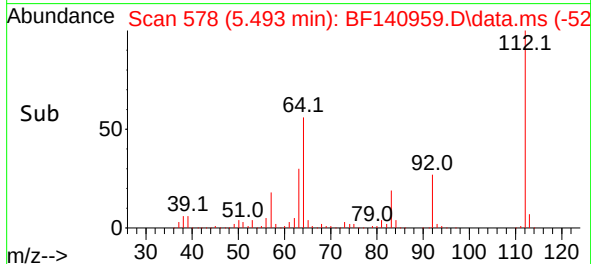
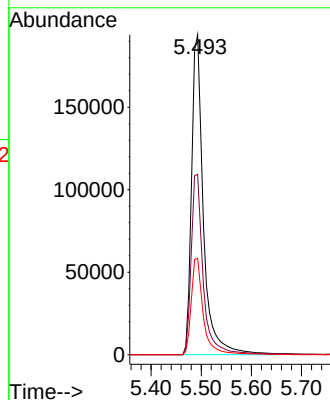
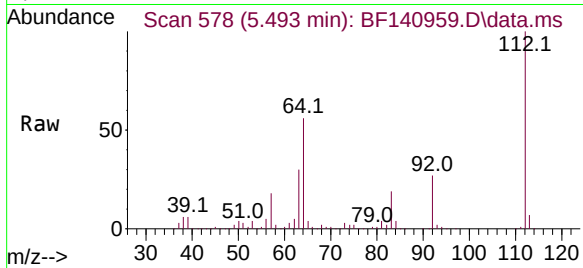




#5  
2-Fluorophenol  
Concen: 79.188 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

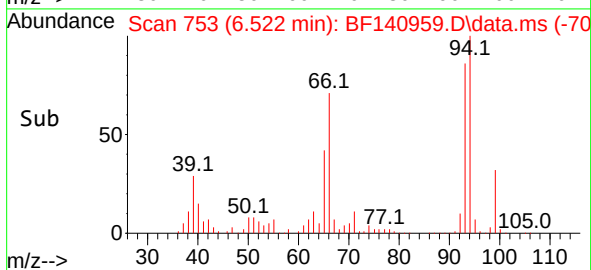
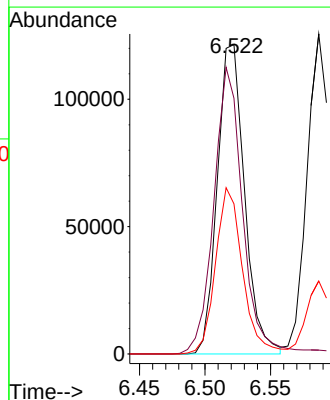
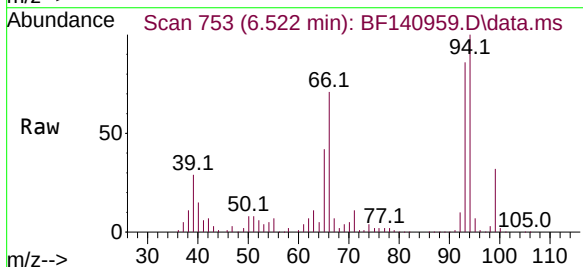
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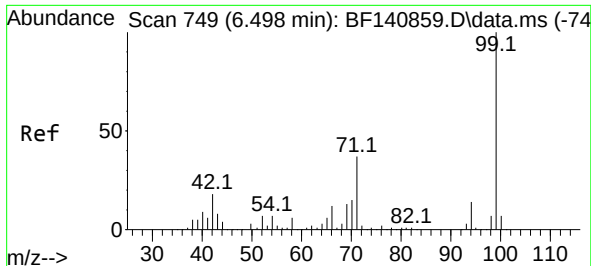
Tgt Ion:112 Resp: 318577  
Ion Ratio Lower Upper  
112 100  
64 56.3 46.1 69.1  
63 30.2 24.9 37.3



#6  
Aniline  
Concen: 38.501 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
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Tgt Ion: 93 Resp: 175414  
Ion Ratio Lower Upper  
93 100  
66 82.6 67.0 100.4  
65 48.5 40.4 60.6

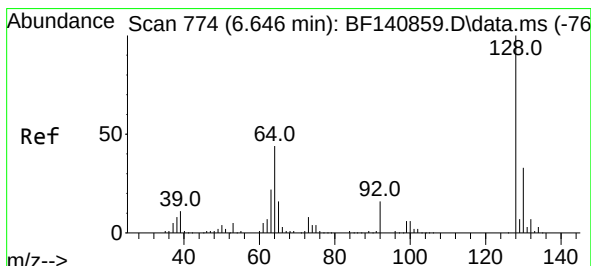
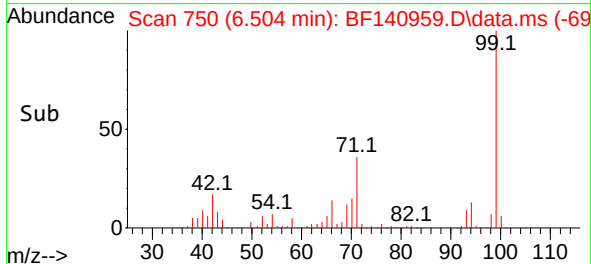
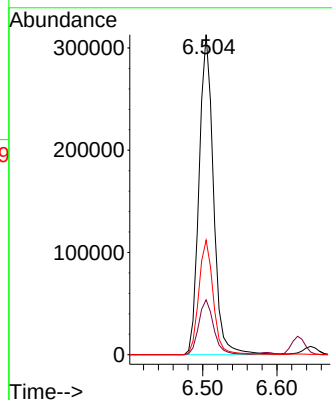
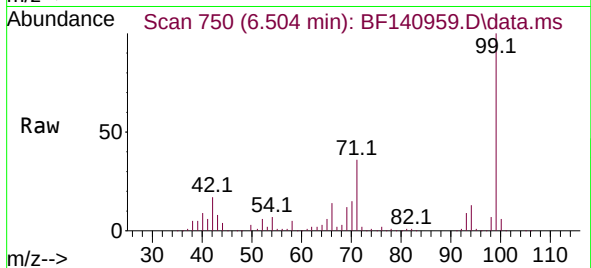




#7  
Phenol-d6  
Concen: 79.195 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

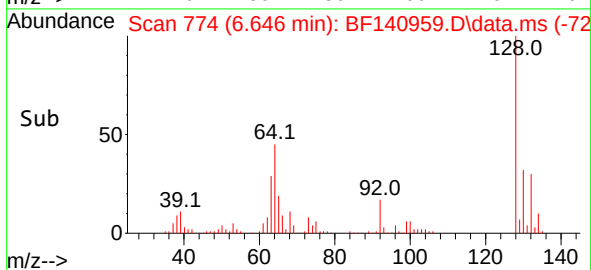
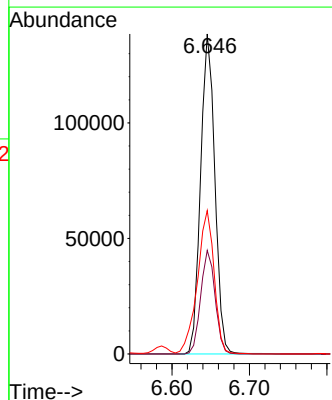
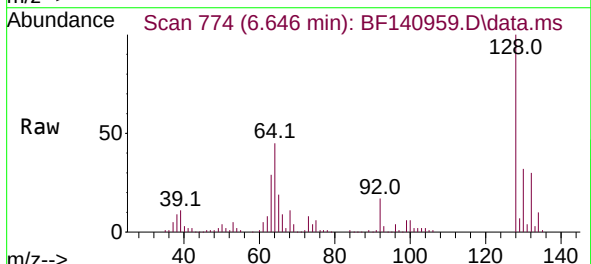
Instrument :  
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ClientSampleId :  
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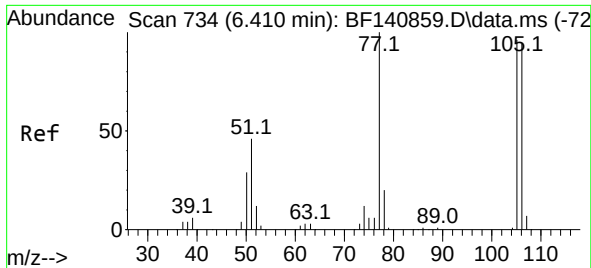
Tgt Ion: 99 Resp: 421997  
Ion Ratio Lower Upper  
99 100  
42 17.2 14.3 21.5  
71 35.8 29.9 44.9



#8  
2-Chlorophenol  
Concen: 40.383 ng  
RT: 6.646 min Scan# 774  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion: 128 Resp: 177168  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.9 52.9  
64 44.8 24.3 64.3





#9

Benzaldehyde

Concen: 40.271 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

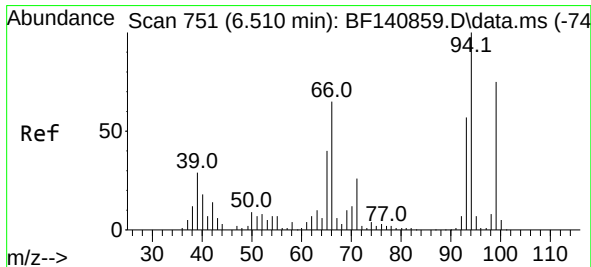
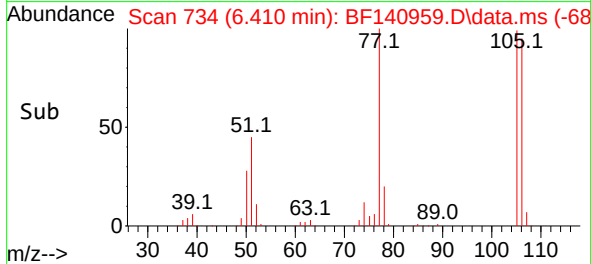
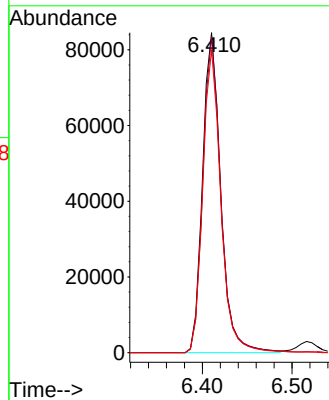
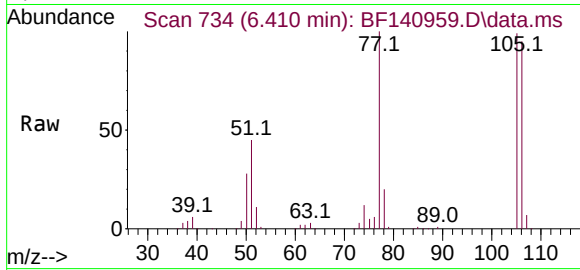
Tgt Ion: 77 Resp: 118899

Ion Ratio Lower Upper

77 100

105 98.8 75.8 115.8

106 94.7 74.1 114.1



#10

Phenol

Concen: 39.635 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

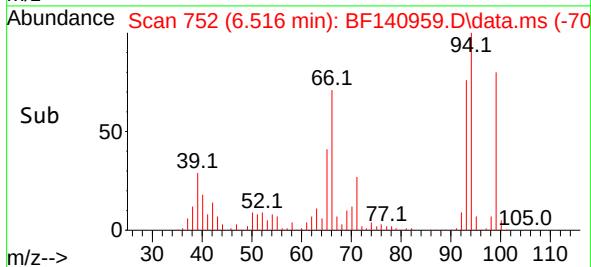
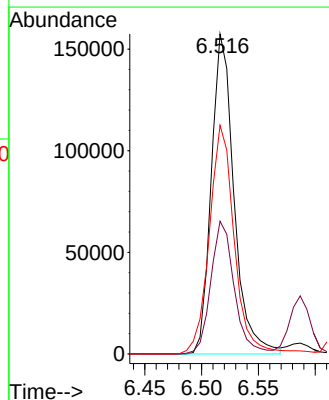
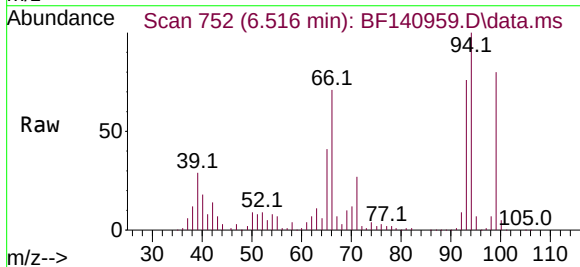
Tgt Ion: 94 Resp: 218889

Ion Ratio Lower Upper

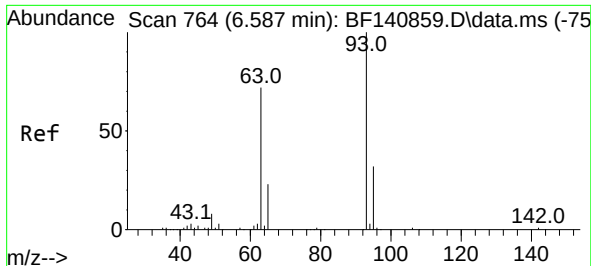
94 100

65 41.5 19.9 59.9

66 71.4 45.6 85.6



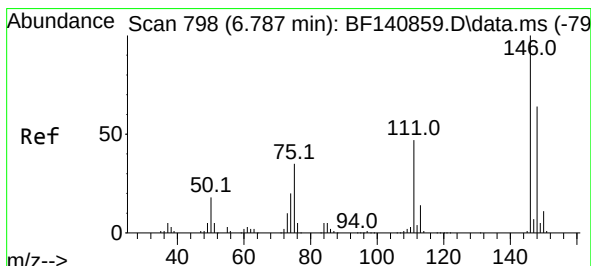
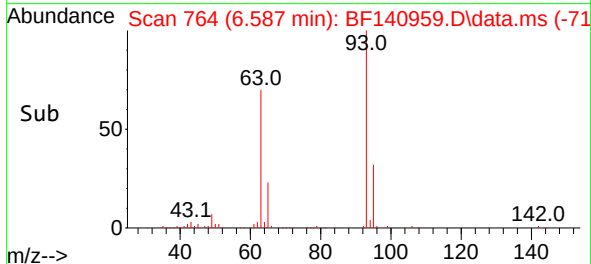
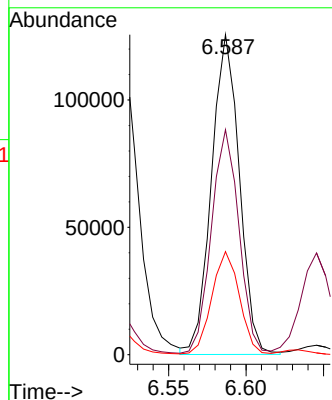
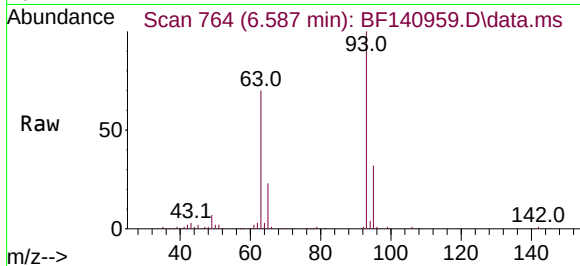




#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.200 ng  
 RT: 6.587 min Scan# 764  
 Delta R.T. 0.000 min  
 Lab File: BF140959.D  
 Acq: 20 Dec 2024 19:24

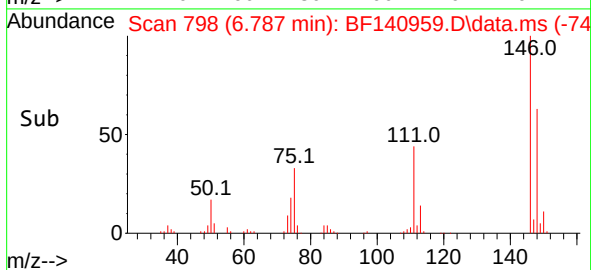
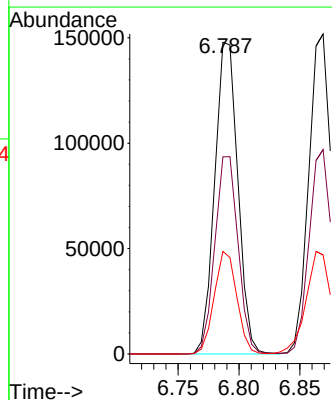
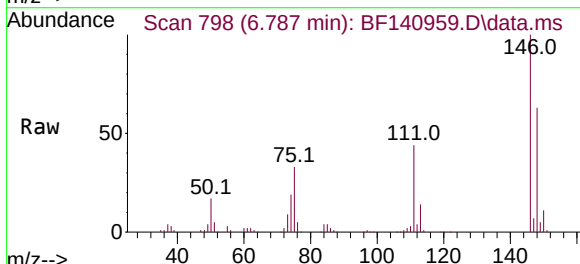
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

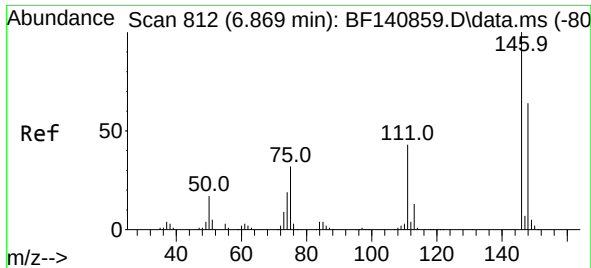
Tgt Ion: 93 Resp: 157329  
 Ion Ratio Lower Upper  
 93 100  
 63 70.3 51.0 91.0  
 95 32.2 12.0 52.0



#12  
 1,3-Dichlorobenzene  
 Concen: 39.166 ng  
 RT: 6.787 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: BF140959.D  
 Acq: 20 Dec 2024 19:24

Tgt Ion: 146 Resp: 195796  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 51.0 76.6  
 75 32.9 28.1 42.1

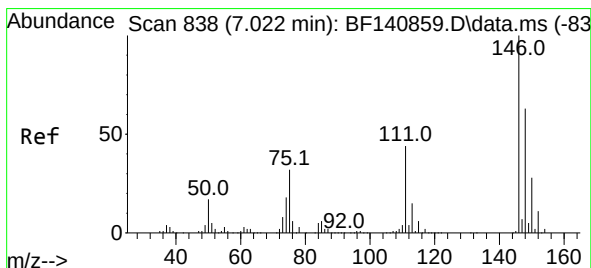
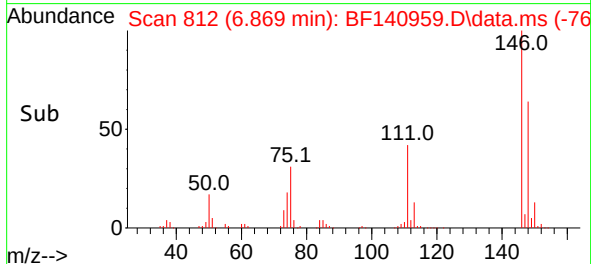
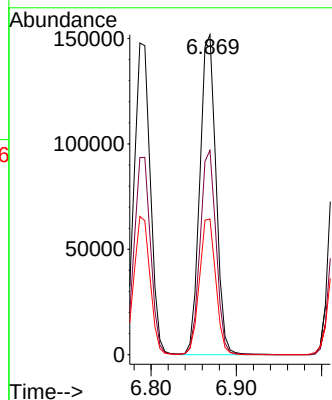
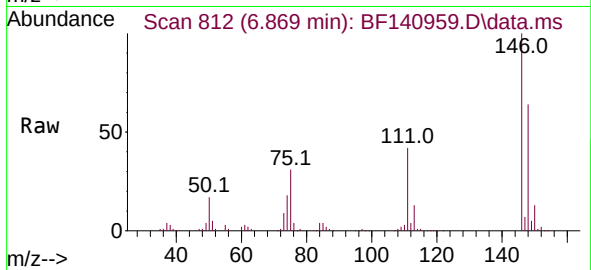




#13  
1,4-Dichlorobenzene  
Concen: 39.295 ng  
RT: 6.869 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

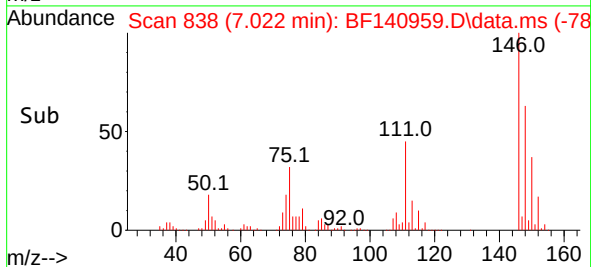
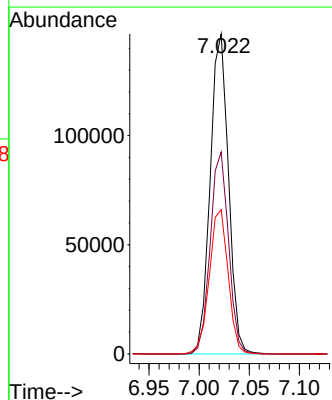
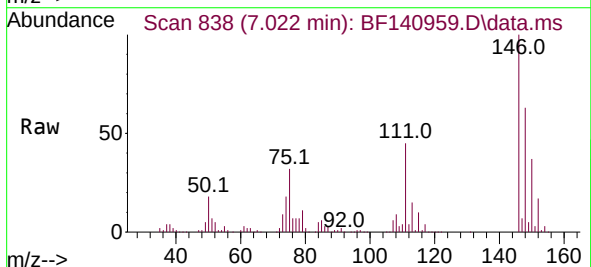
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

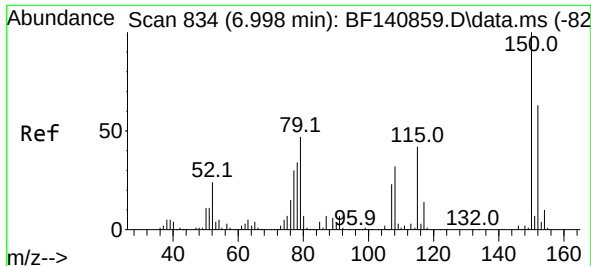
Tgt Ion:146 Resp: 199400  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.3 76.9  
111 42.4 34.4 51.6



#14  
1,2-Dichlorobenzene  
Concen: 38.884 ng  
RT: 7.022 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:146 Resp: 186168  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.0 75.0  
111 45.1 35.6 53.4

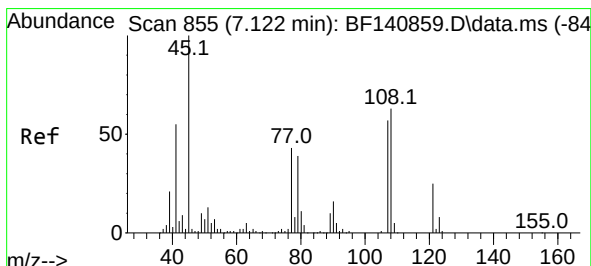
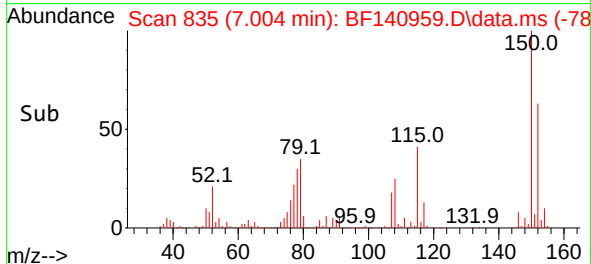
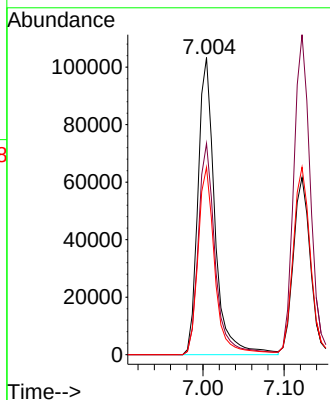
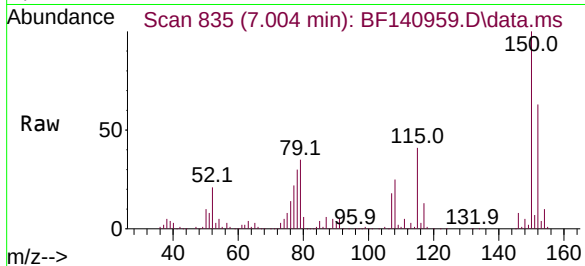




#15  
Benzyl Alcohol  
Concen: 39.242 ng  
RT: 7.004 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

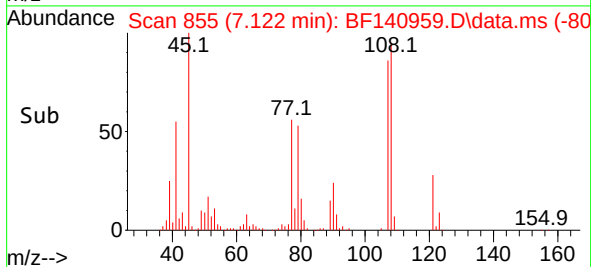
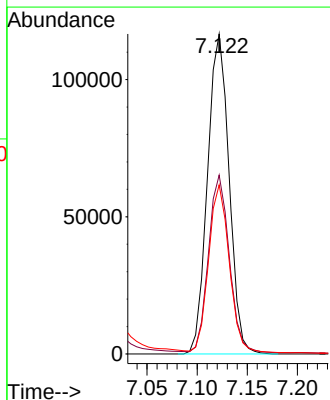
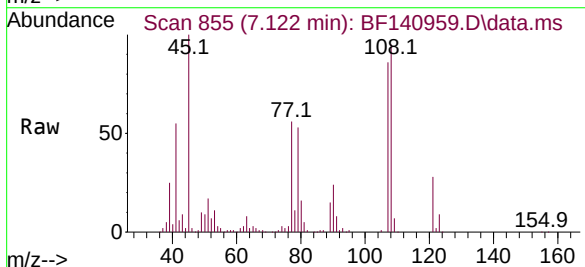
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

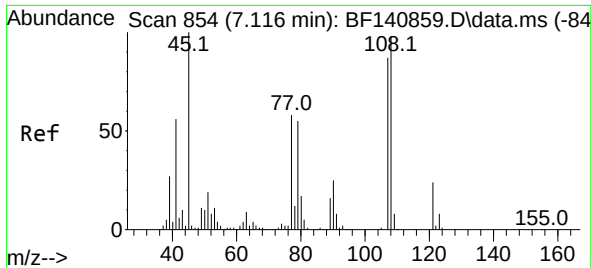
Tgt Ion: 79 Resp: 149510  
Ion Ratio Lower Upper  
79 100  
108 71.1 55.1 82.7  
77 63.1 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.973 ng  
RT: 7.122 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion: 45 Resp: 174534  
Ion Ratio Lower Upper  
45 100  
77 55.9 23.3 63.3  
79 52.9 20.0 60.0

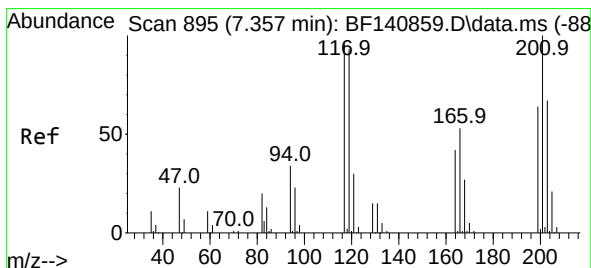
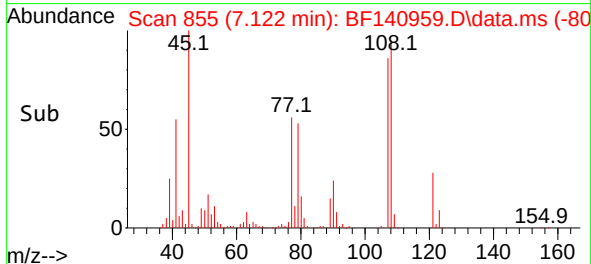
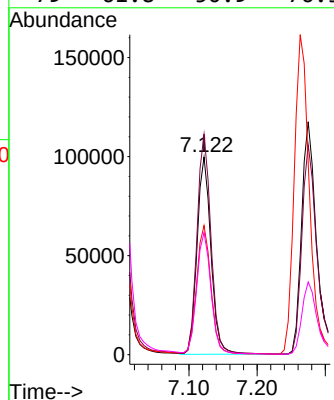
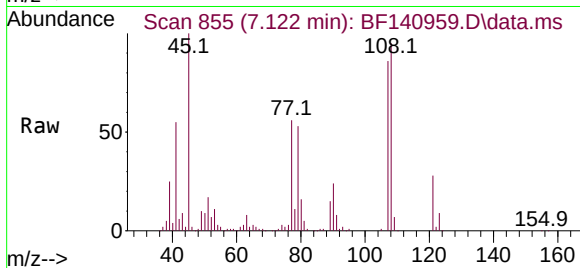




#17  
2-Methylphenol  
Concen: 40.286 ng  
RT: 7.122 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

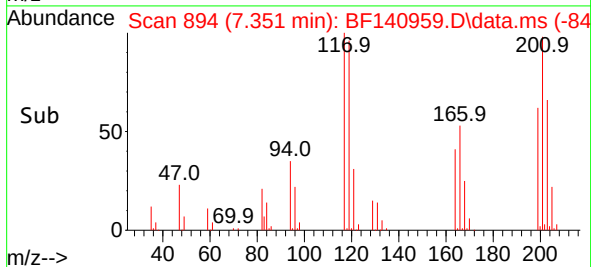
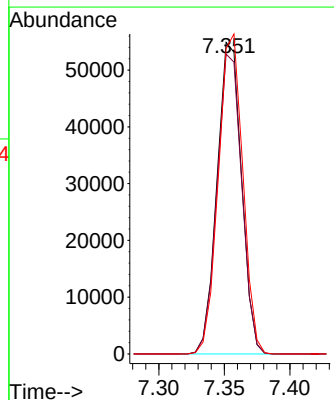
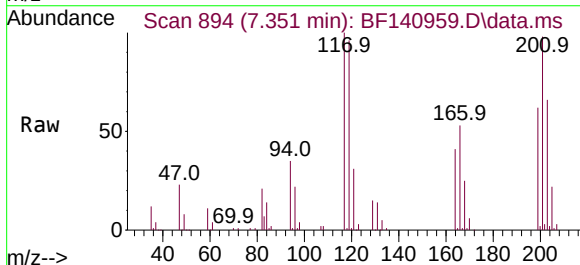
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

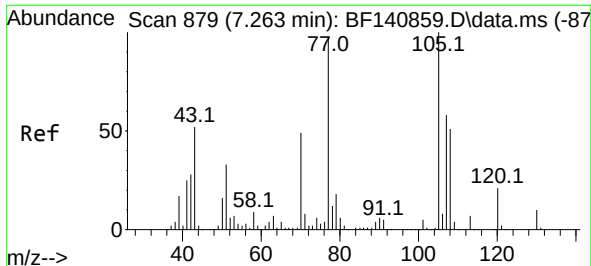
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 141105 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.6 | 90.2  | 135.4  |
| 77       | 65.4  | 53.8  | 80.6   |
| 79       | 61.8  | 50.9  | 76.3   |



#18  
Hexachloroethane  
Concen: 37.728 ng  
RT: 7.351 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 71272 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.3  | 77.4  | 116.0 |
| 201      | 98.0  | 83.4  | 125.0 |

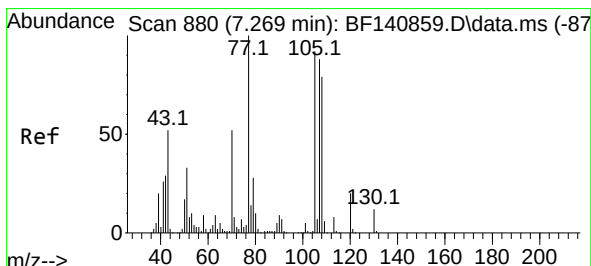
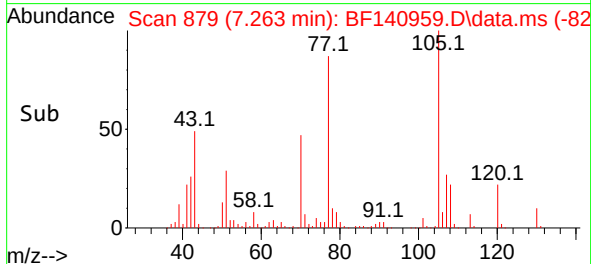
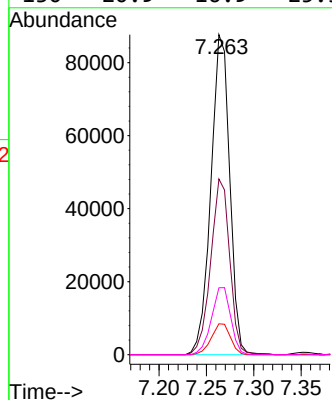
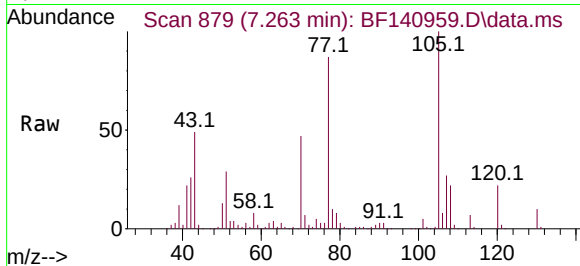




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.915 ng  
RT: 7.263 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

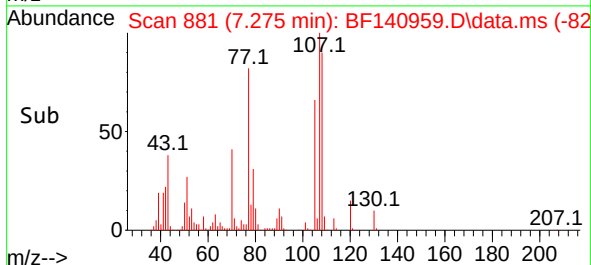
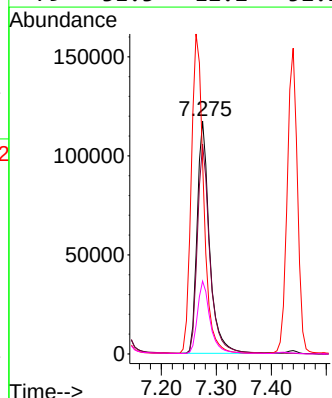
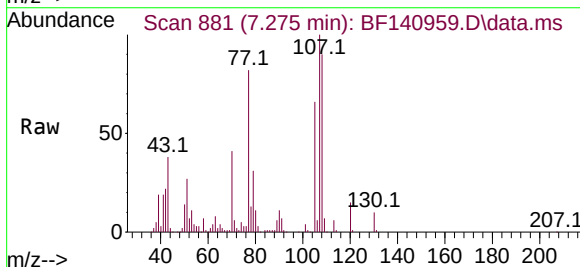
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

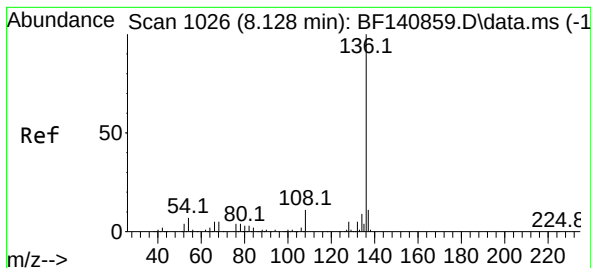
Tgt Ion: 70 Resp: 121188  
Ion Ratio Lower Upper  
70 100  
42 54.9 45.3 67.9  
101 9.7 8.0 12.0  
130 20.9 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 39.472 ng  
RT: 7.275 min Scan# 881  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:107 Resp: 183332  
Ion Ratio Lower Upper  
107 100  
108 90.1 70.1 110.1  
77 82.2 94.4 134.4#  
79 31.3 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 248513

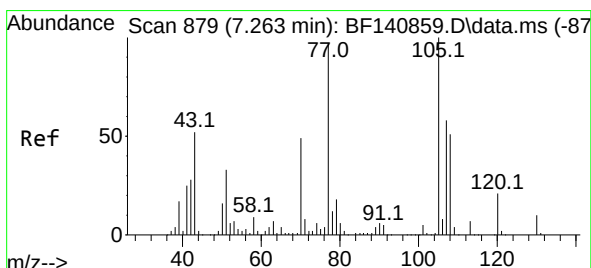
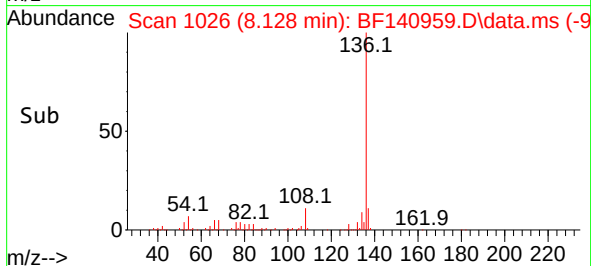
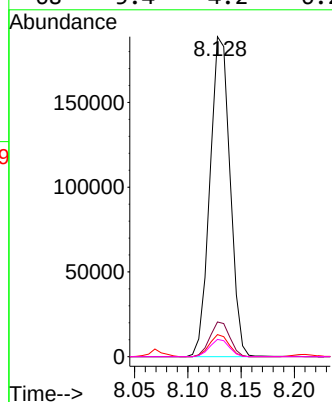
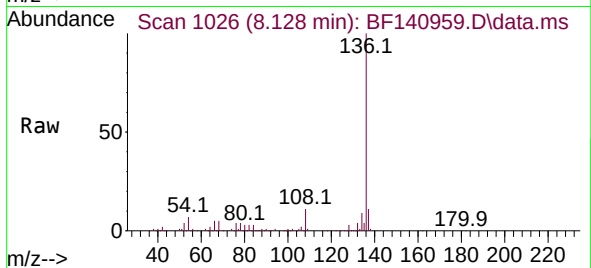
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.9 5.6 8.4

68 5.4 4.2 6.2



#22

Acetophenone

Concen: 39.304 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Tgt Ion:105 Resp: 244338

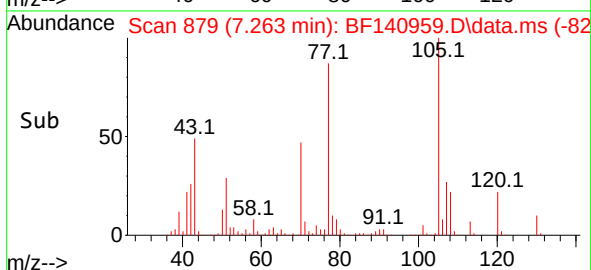
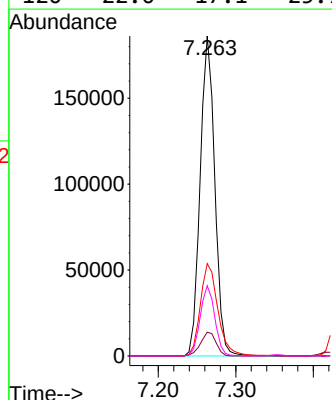
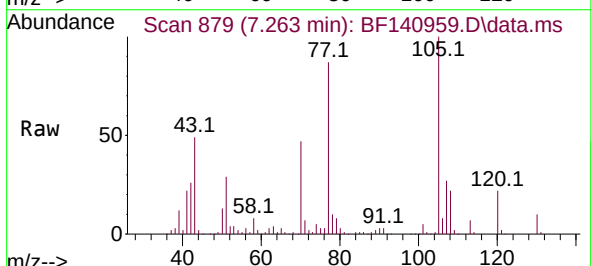
Ion Ratio Lower Upper

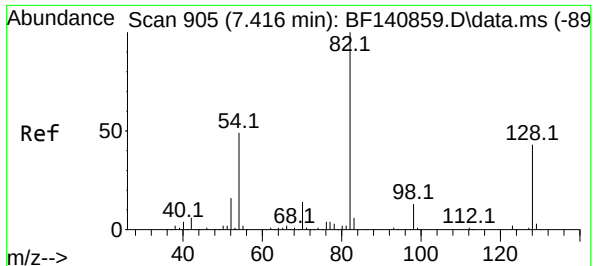
105 100

71 7.4 6.2 9.4

51 28.9 26.3 39.5

120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 77.801 ng

RT: 7.422 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

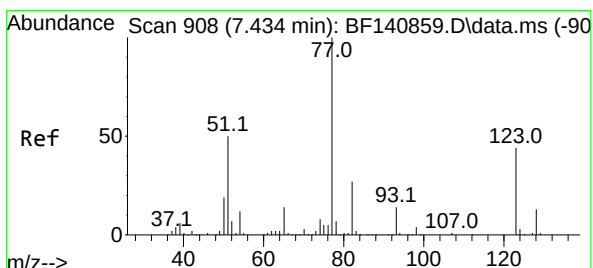
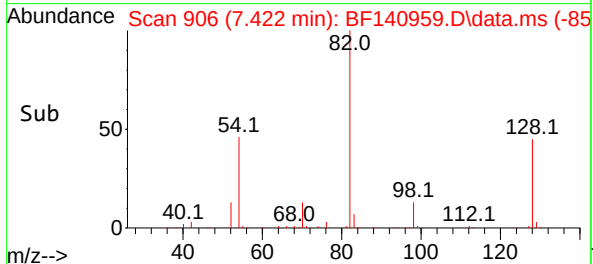
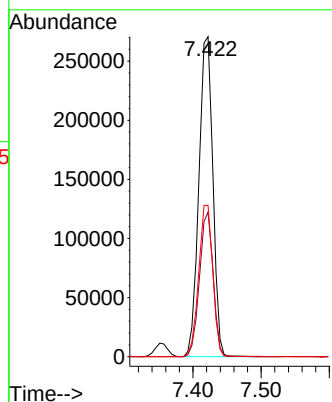
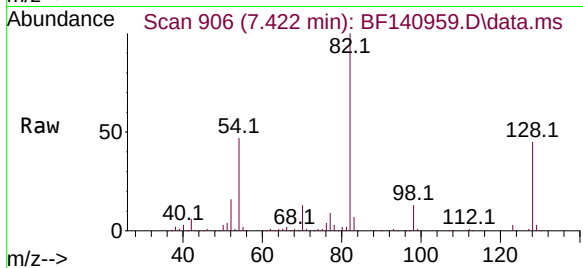
Tgt Ion: 82 Resp: 386452

Ion Ratio Lower Upper

82 100

128 45.1 34.4 51.6

54 47.3 38.8 58.2



#24

Nitrobenzene

Concen: 39.061 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

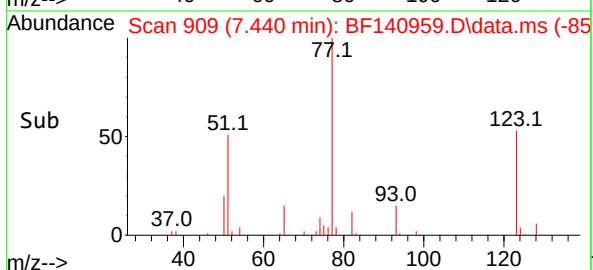
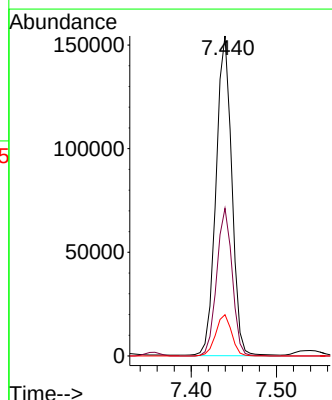
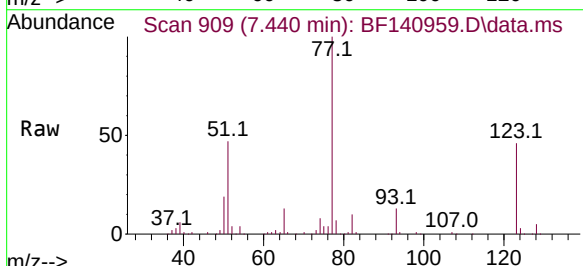
Tgt Ion: 77 Resp: 198770

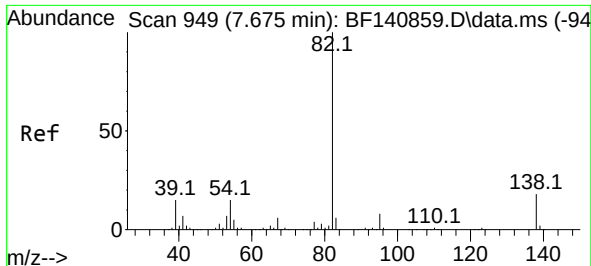
Ion Ratio Lower Upper

77 100

123 46.2 35.0 52.4

65 12.9 11.4 17.0

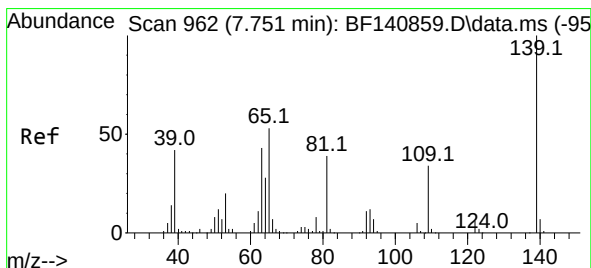
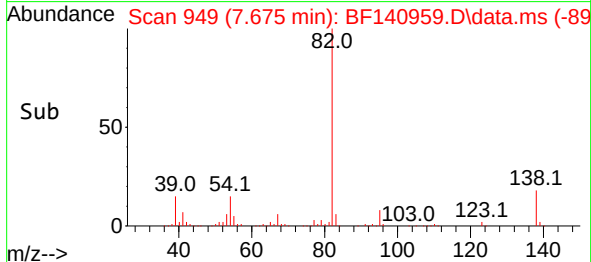
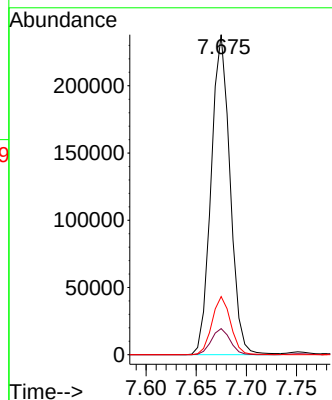
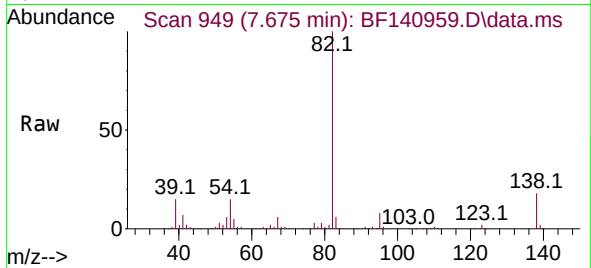




#25  
Isophorone  
Concen: 37.629 ng  
RT: 7.675 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

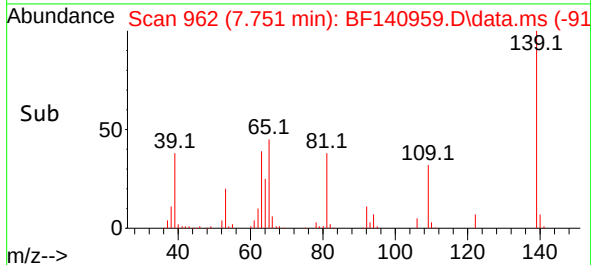
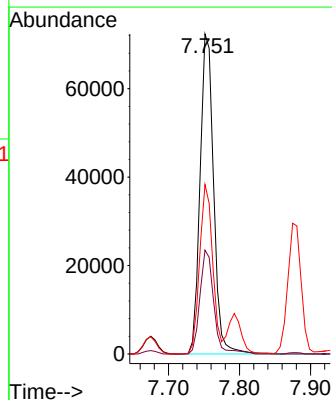
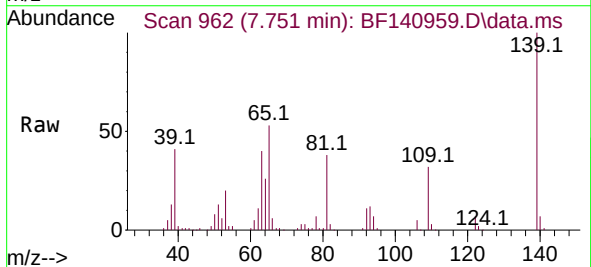
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 82 Resp: 313176  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.3 9.5  
138 18.2 14.1 21.1

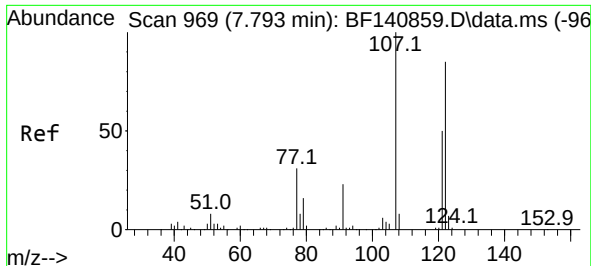


#26  
2-Nitrophenol  
Concen: 41.138 ng  
RT: 7.751 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:139 Resp: 96414  
Ion Ratio Lower Upper  
139 100  
109 32.4 26.9 40.3  
65 53.0 42.6 64.0



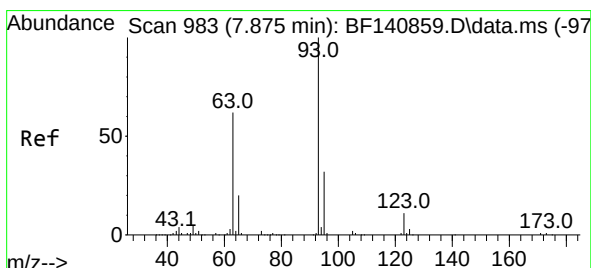
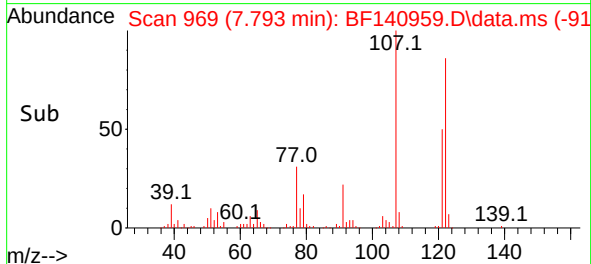
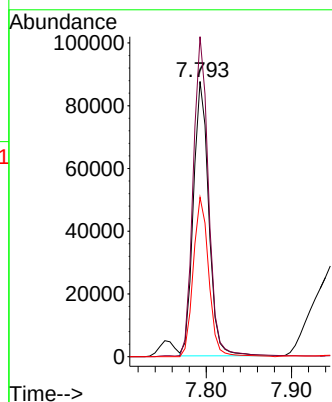
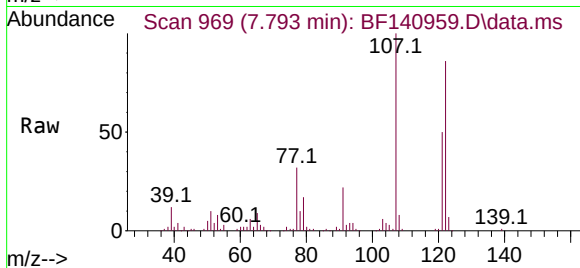




#27  
2,4-Dimethylphenol  
Concen: 40.022 ng  
RT: 7.793 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

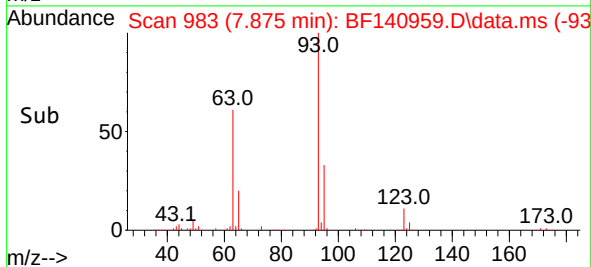
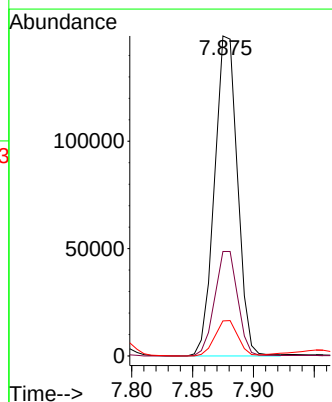
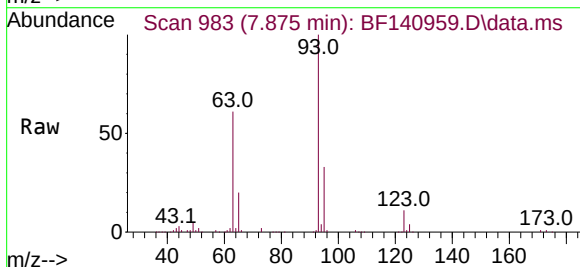
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

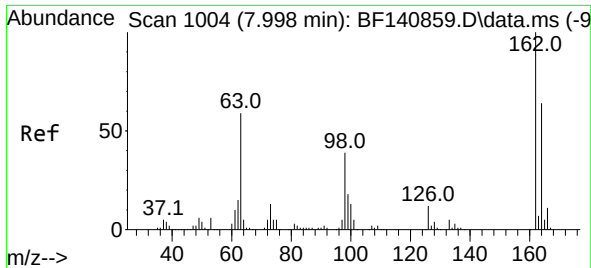
Tgt Ion:122 Resp: 109542  
Ion Ratio Lower Upper  
122 100  
107 116.3 92.6 139.0  
121 57.9 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.572 ng  
RT: 7.875 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion: 93 Resp: 195305  
Ion Ratio Lower Upper  
93 100  
95 32.7 25.3 37.9  
123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.755 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

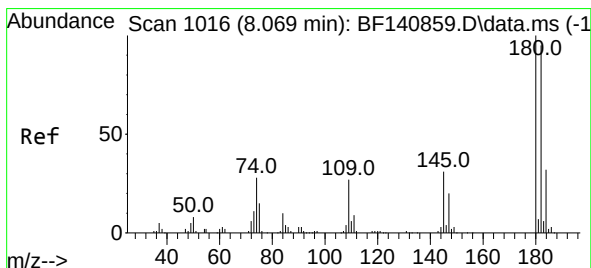
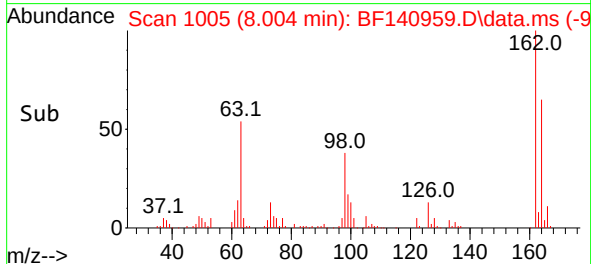
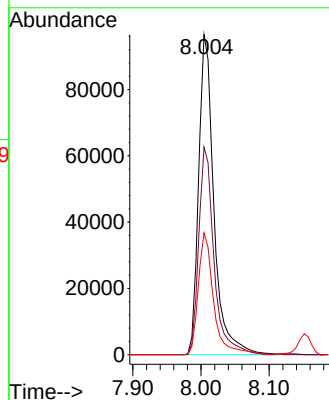
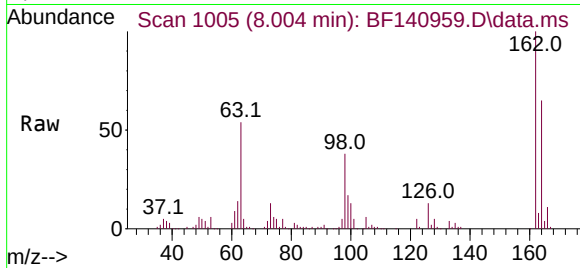
Tgt Ion:162 Resp: 150227

Ion Ratio Lower Upper

162 100

164 64.8 43.7 83.7

98 38.1 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.012 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

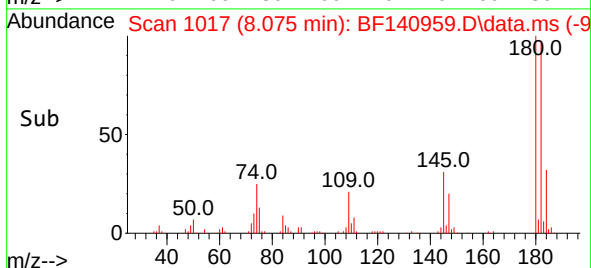
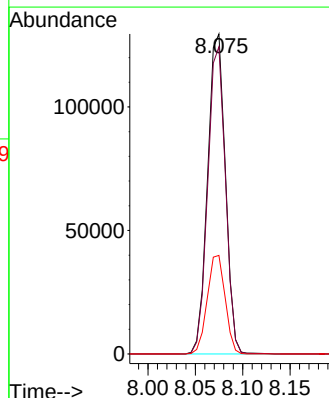
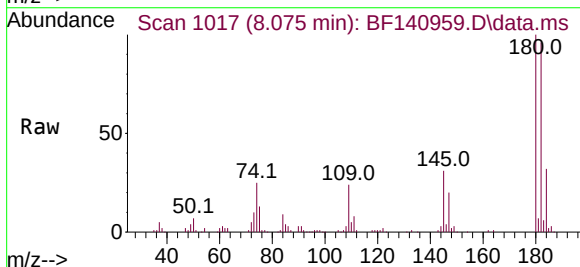
Tgt Ion:180 Resp: 168994

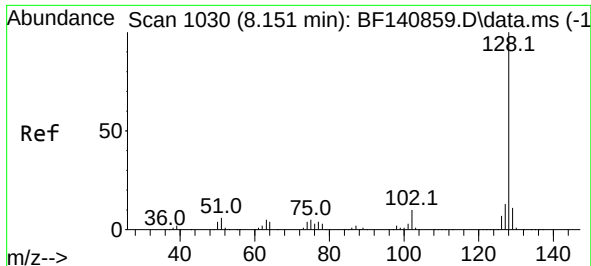
Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.6

145 30.8 25.2 37.8

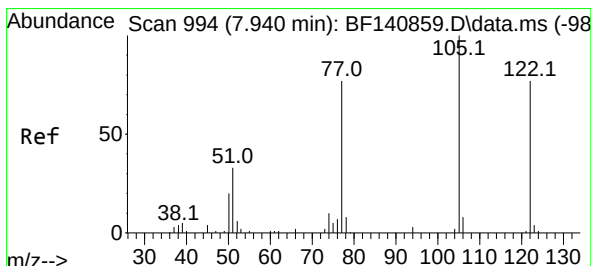
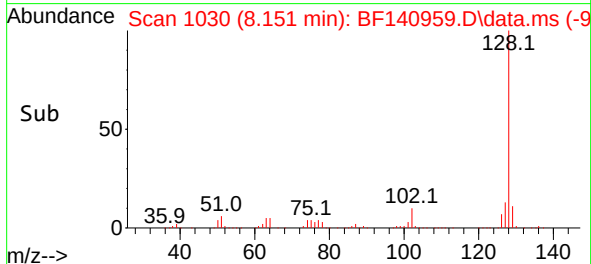
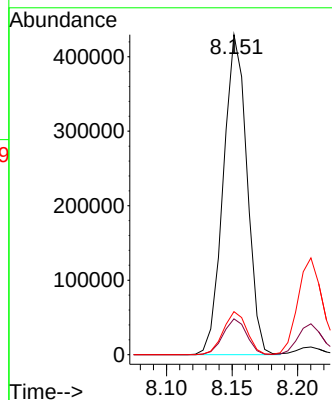
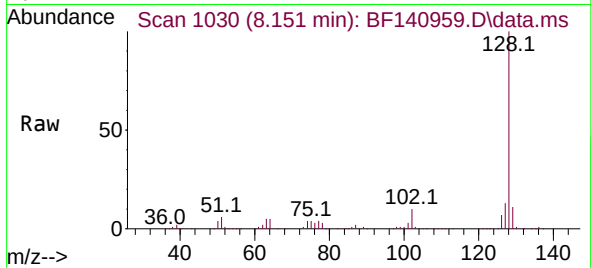




#31  
Naphthalene  
Concen: 39.547 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

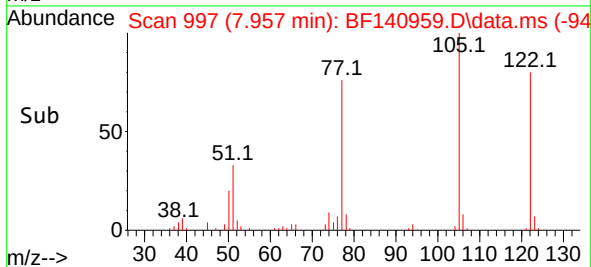
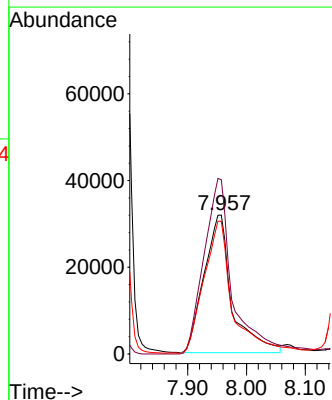
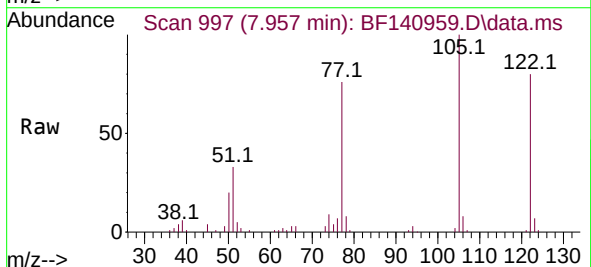
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

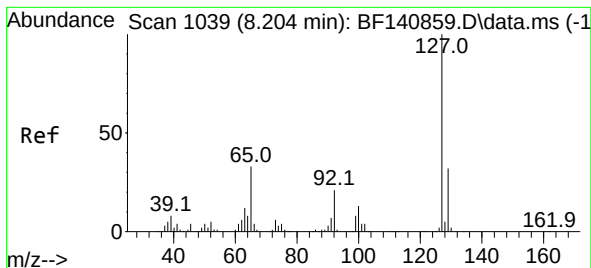
Tgt Ion:128 Resp: 539862  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 13.4 10.6 16.0



#32  
Benzoic acid  
Concen: 40.523 ng  
RT: 7.957 min Scan# 997  
Delta R.T. 0.017 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:122 Resp: 105192  
Ion Ratio Lower Upper  
122 100  
105 125.4 108.3 148.3  
77 95.4 78.8 118.8





#33

4-Chloroaniline

Concen: 39.864 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 180741

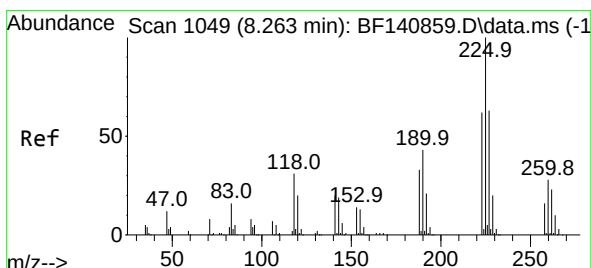
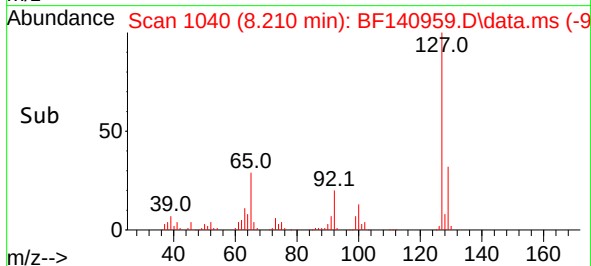
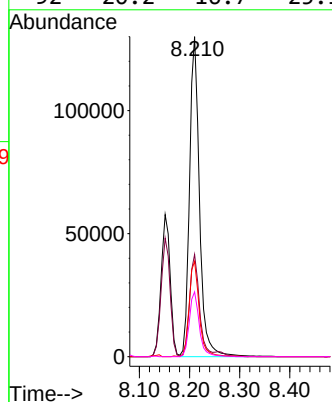
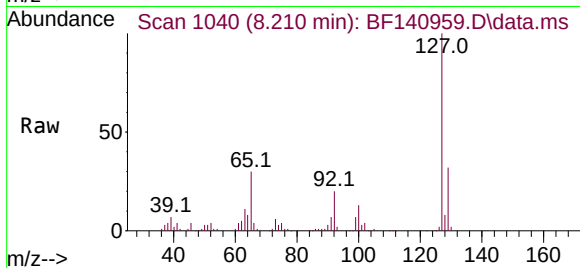
Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 29.8 26.0 39.0

92 20.2 16.7 25.1



#34

Hexachlorobutadiene

Concen: 38.453 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

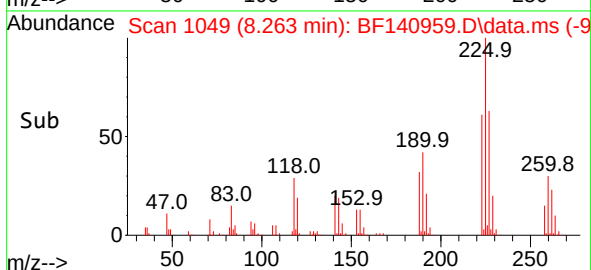
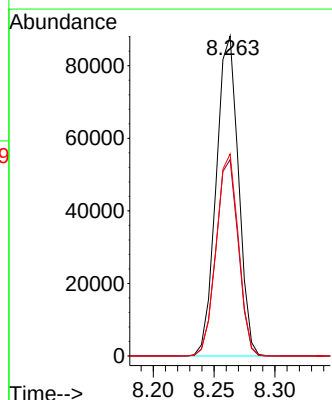
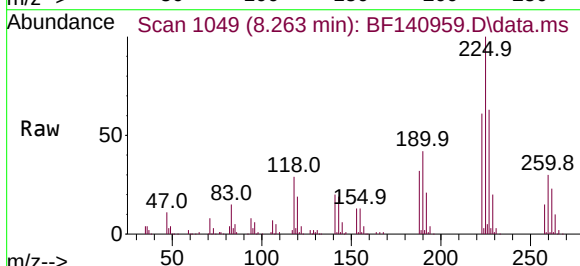
Tgt Ion:225 Resp: 112071

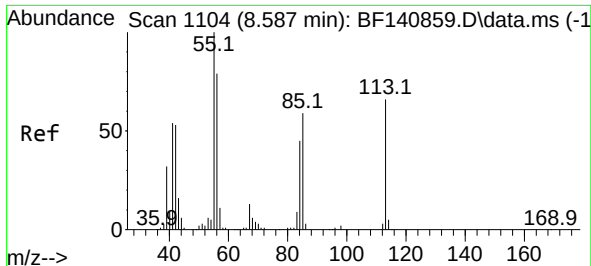
Ion Ratio Lower Upper

225 100

223 61.3 49.6 74.4

227 63.2 50.7 76.1

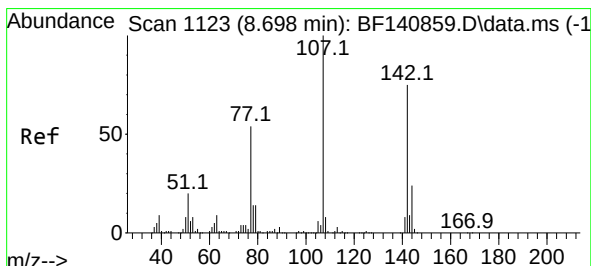
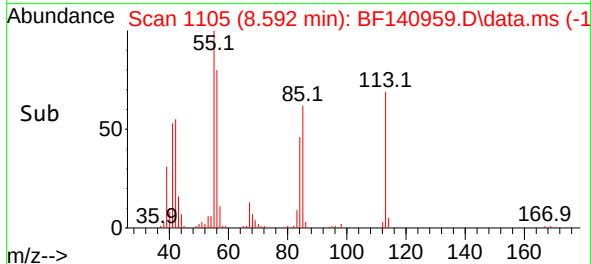
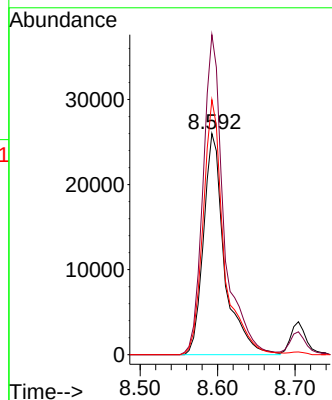
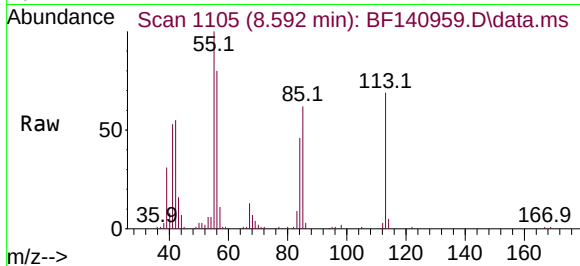




#35  
 Caprolactam  
 Concen: 43.322 ng  
 RT: 8.592 min Scan# 1105  
 Delta R.T. 0.006 min  
 Lab File: BF140959.D  
 Acq: 20 Dec 2024 19:24

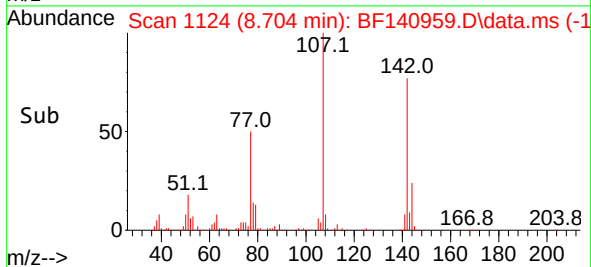
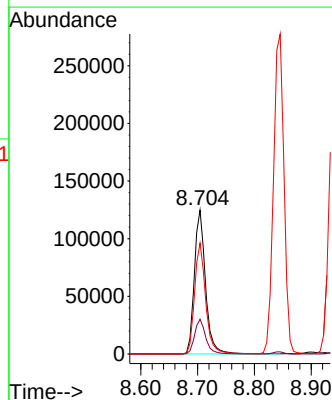
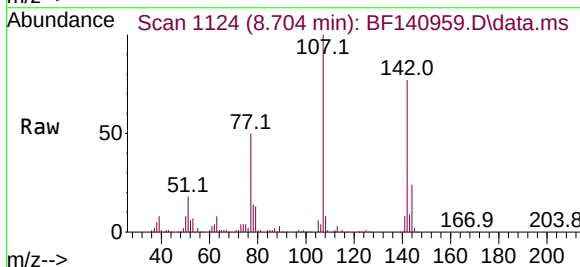
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

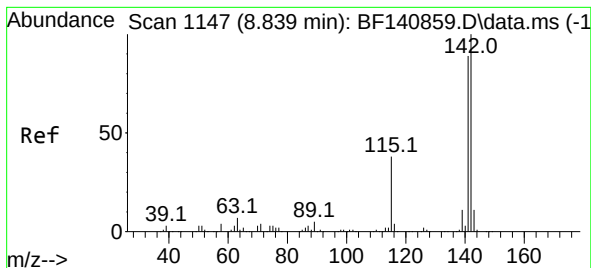
Tgt Ion:113 Resp: 48736  
 Ion Ratio Lower Upper  
 113 100  
 55 144.7 132.3 172.3  
 56 115.3 100.3 140.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.286 ng  
 RT: 8.704 min Scan# 1124  
 Delta R.T. 0.006 min  
 Lab File: BF140959.D  
 Acq: 20 Dec 2024 19:24

Tgt Ion:107 Resp: 171340  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 19.4 29.2  
 142 77.1 60.3 90.5





#37

2-Methylnaphthalene

Concen: 39.272 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

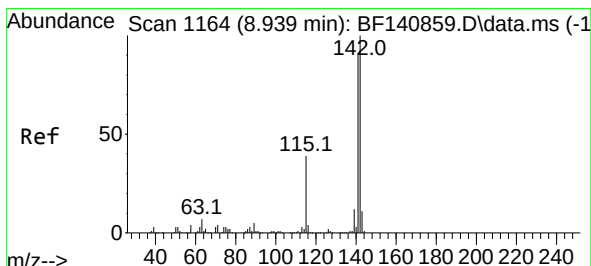
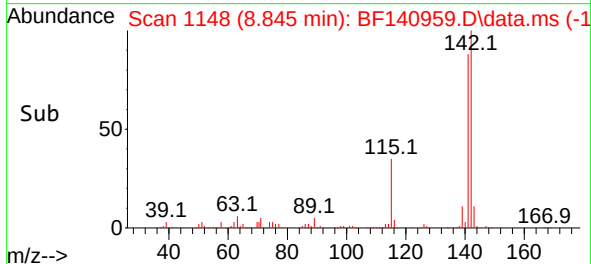
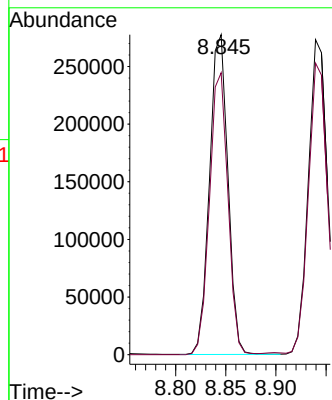
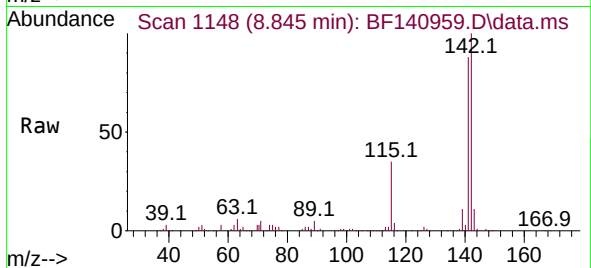
SSTDCCC040EC

Tgt Ion:142 Resp: 354629

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.588 ng

RT: 8.940 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140959.D

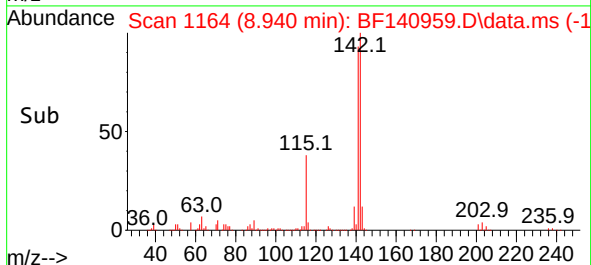
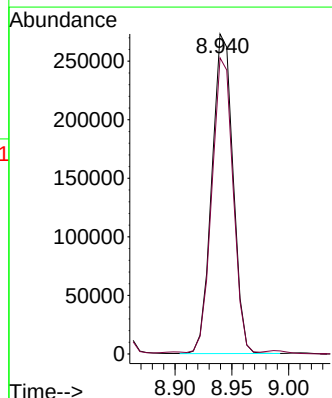
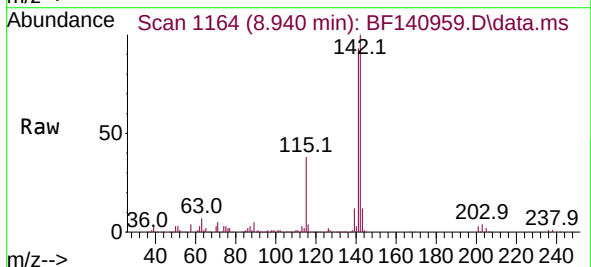
Acq: 20 Dec 2024 19:24

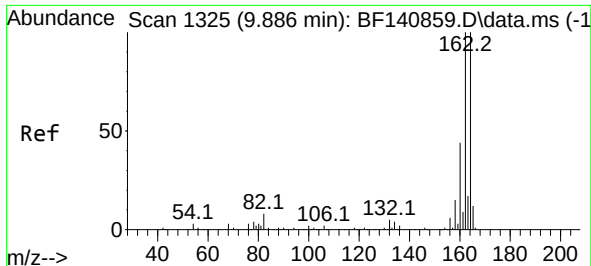
Tgt Ion:142 Resp: 353547

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.0

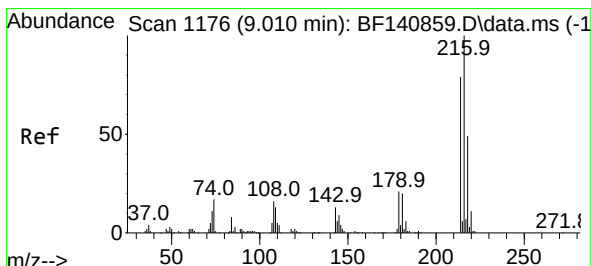
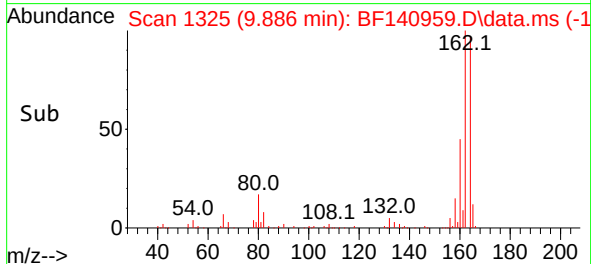
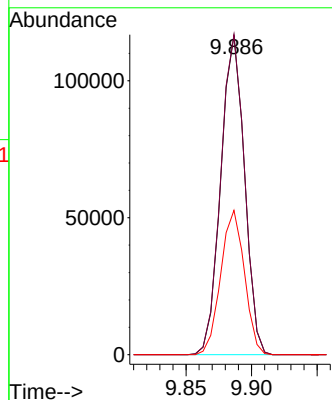
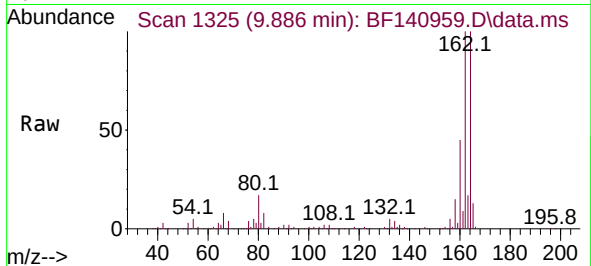




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

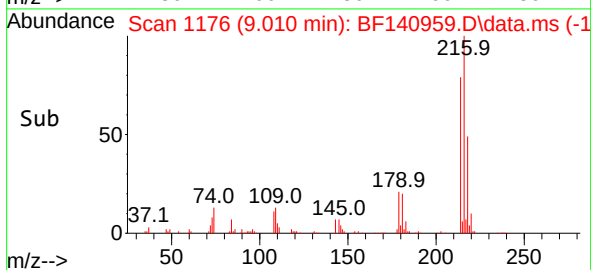
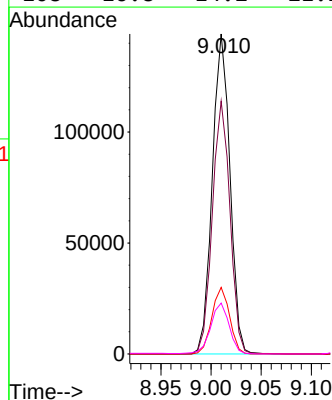
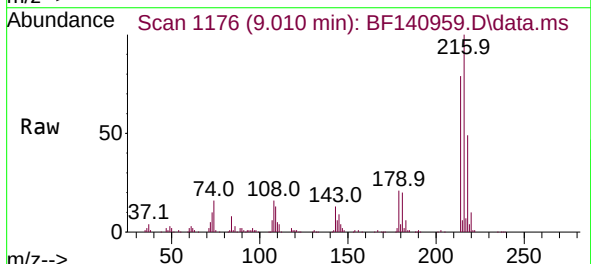
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

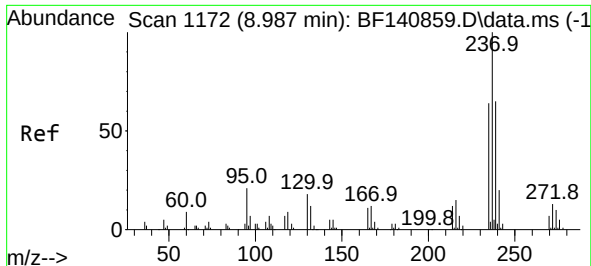
Tgt Ion:164 Resp: 146137  
Ion Ratio Lower Upper  
164 100  
162 100.3 79.9 119.9  
160 45.3 35.2 52.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.312 ng  
RT: 9.010 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:216 Resp: 176578  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.6 95.4  
179 20.8 17.0 25.4  
108 16.8 14.2 21.2

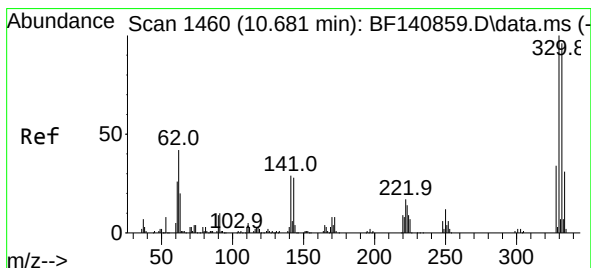
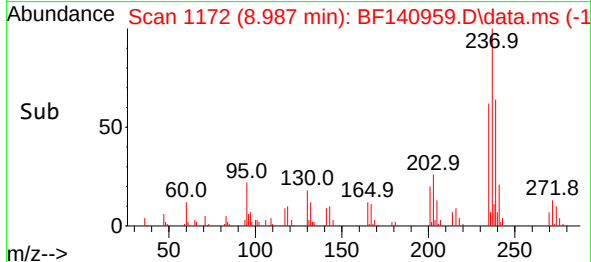
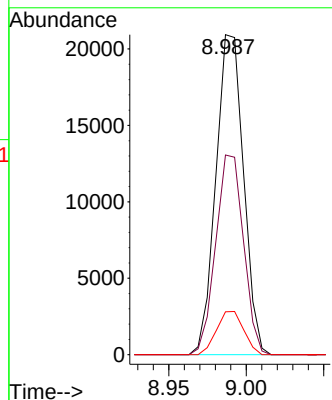
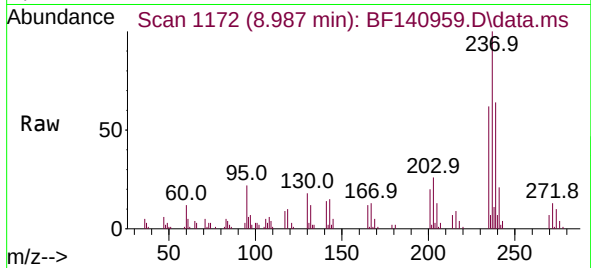




#41  
Hexachlorocyclopentadiene  
Concen: 28.674 ng  
RT: 8.987 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

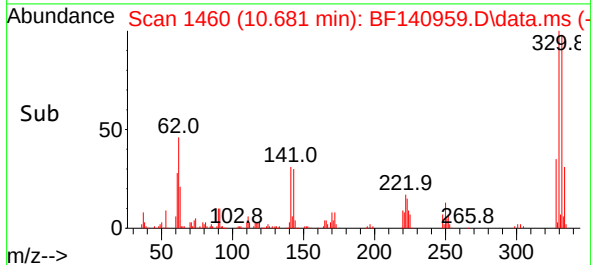
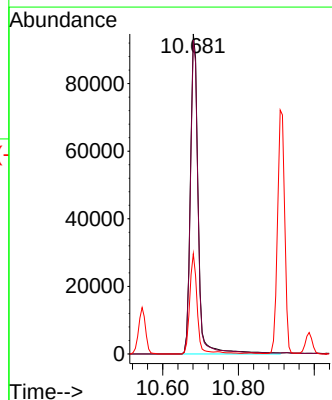
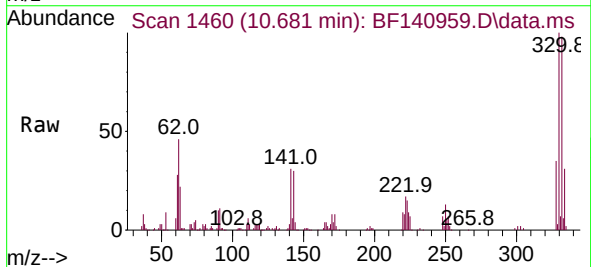
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:237 Resp: 26032  
Ion Ratio Lower Upper  
237 100  
235 62.4 43.7 83.7  
272 13.4 0.0 32.9

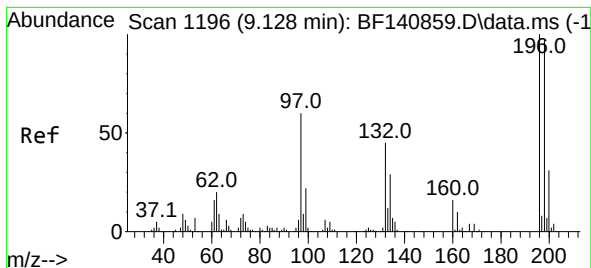


#42  
2,4,6-Tribromophenol  
Concen: 78.522 ng  
RT: 10.681 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:330 Resp: 135717  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.2 114.4  
141 29.0 24.9 37.3







#43

2,4,6-Trichlorophenol

Concen: 37.469 ng

RT: 9.134 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

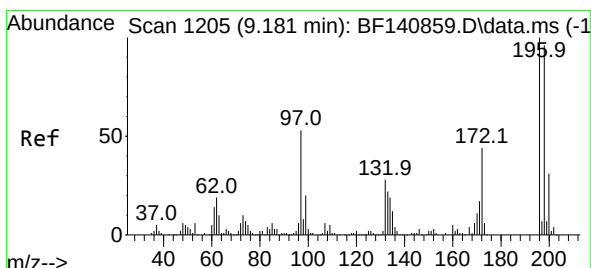
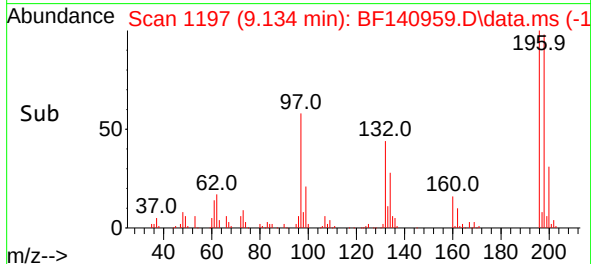
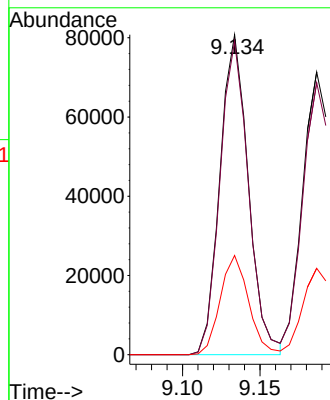
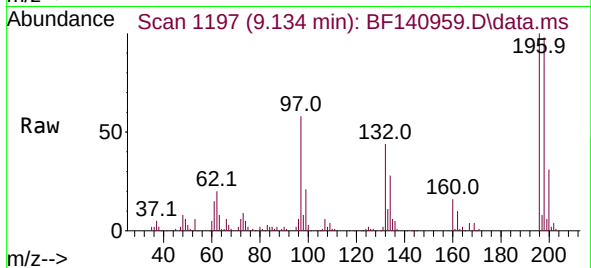
Tgt Ion:196 Resp: 103055

Ion Ratio Lower Upper

196 100

198 98.0 77.4 116.0

200 31.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 37.641 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Tgt Ion:196 Resp: 113791

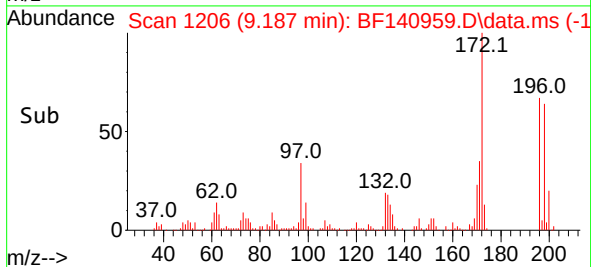
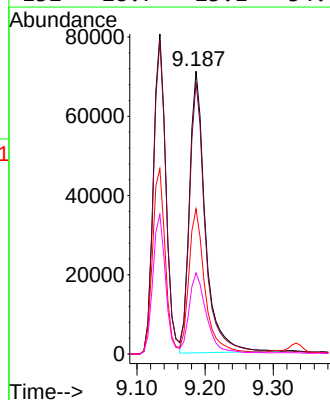
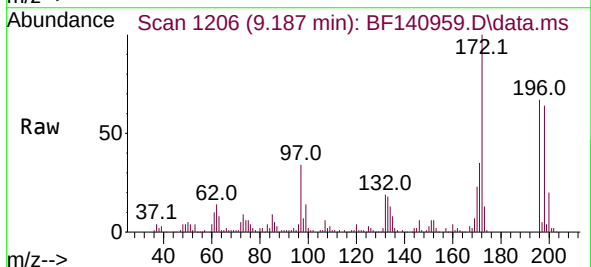
Ion Ratio Lower Upper

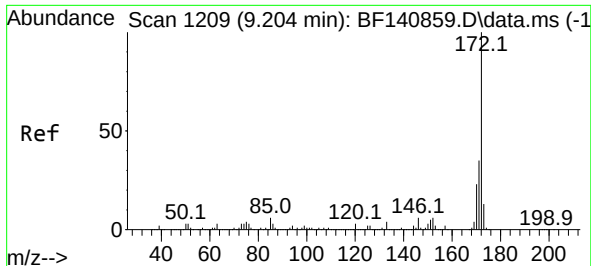
196 100

198 96.2 77.2 115.8

97 51.3 42.2 63.4

132 28.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 76.352 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

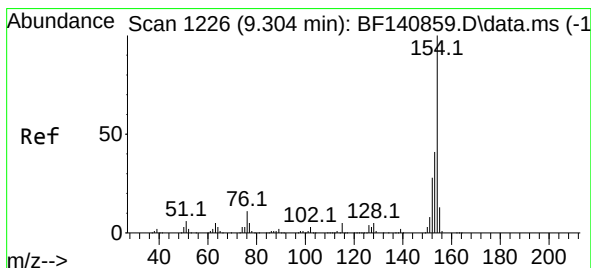
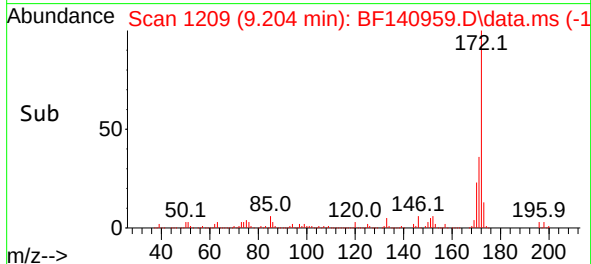
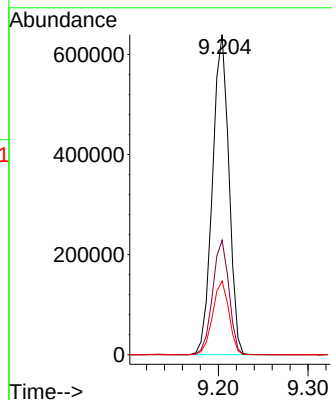
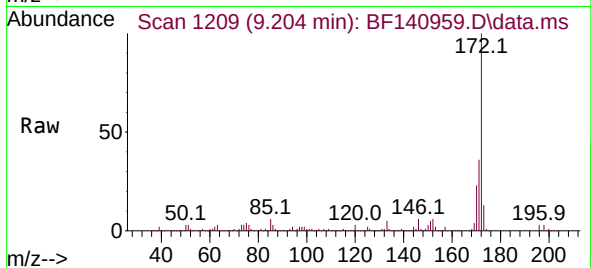
Tgt Ion:172 Resp: 811564

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.834 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

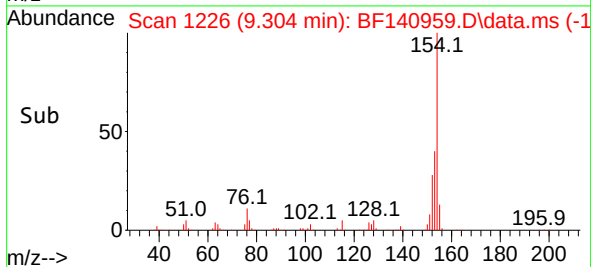
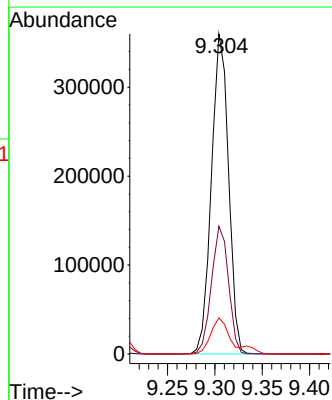
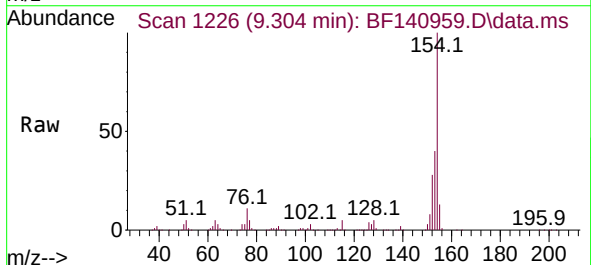
Tgt Ion:154 Resp: 451267

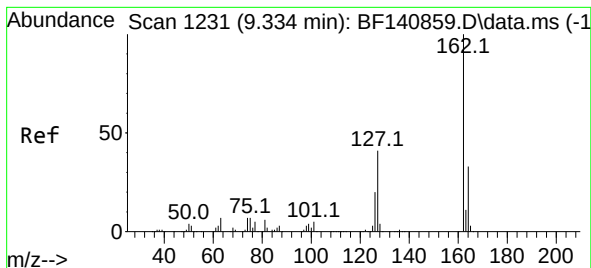
Ion Ratio Lower Upper

154 100

153 39.9 20.8 60.8

76 11.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 39.139 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

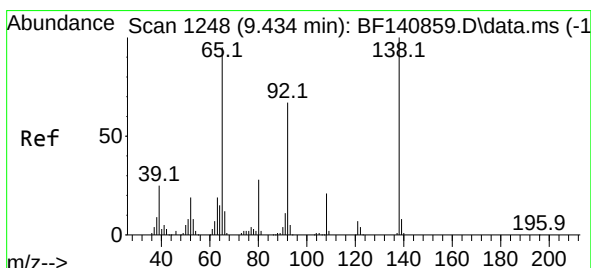
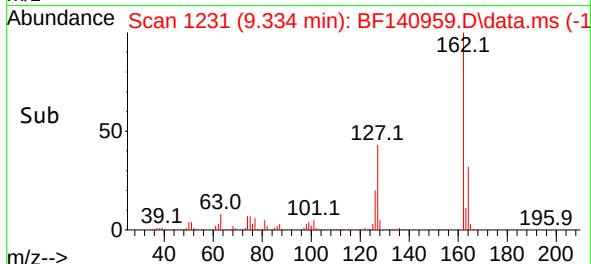
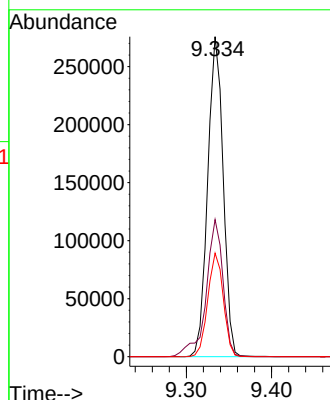
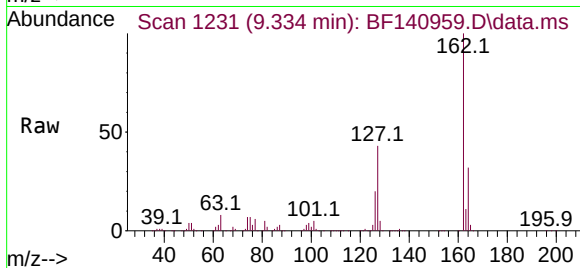
Tgt Ion:162 Resp: 347940

Ion Ratio Lower Upper

162 100

127 42.9 33.5 50.3

164 32.3 26.2 39.2



#48

2-Nitroaniline

Concen: 39.384 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

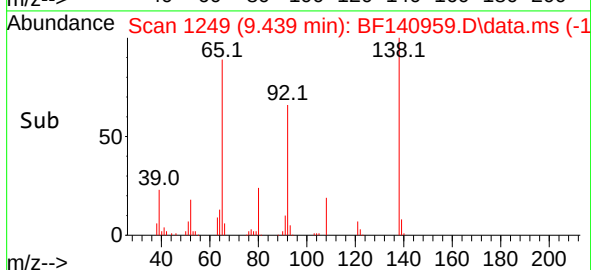
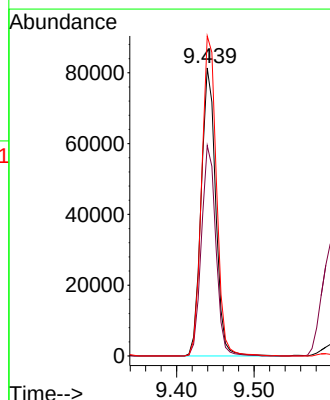
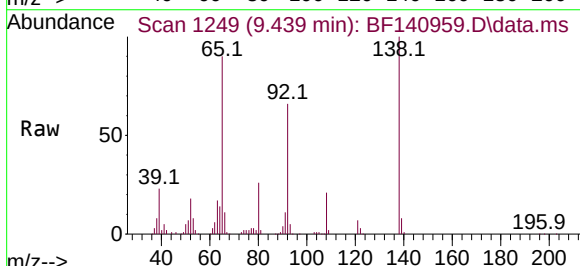
Tgt Ion: 65 Resp: 105740

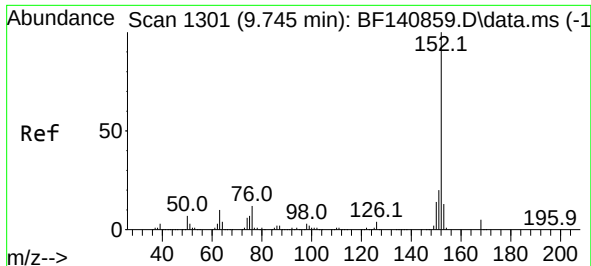
Ion Ratio Lower Upper

65 100

92 73.0 56.3 84.5

138 111.1 83.8 125.6

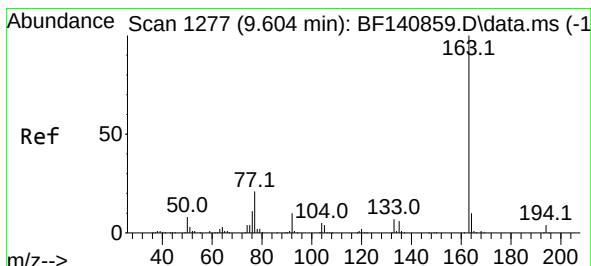
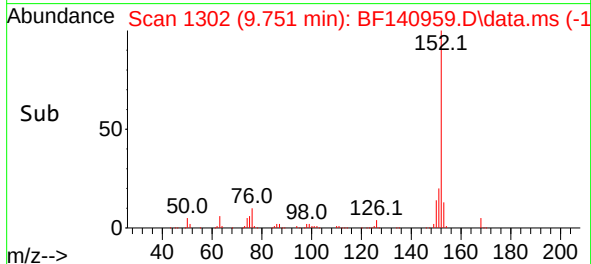
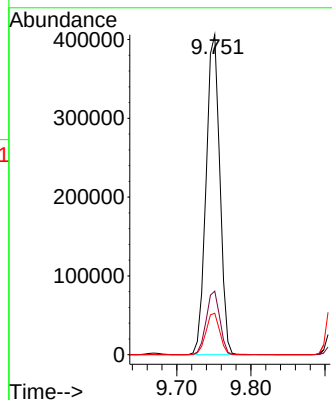
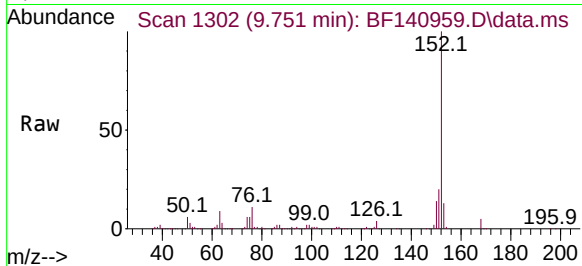




#49  
Acenaphthylene  
Concen: 40.003 ng  
RT: 9.751 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

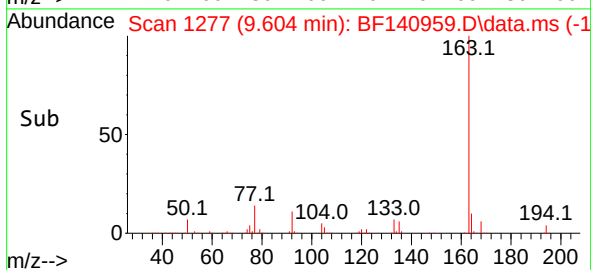
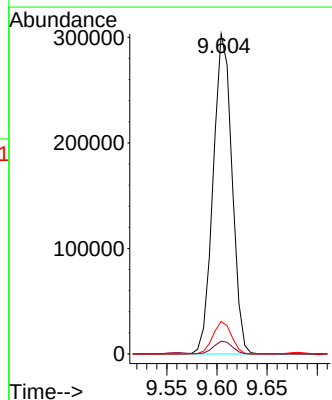
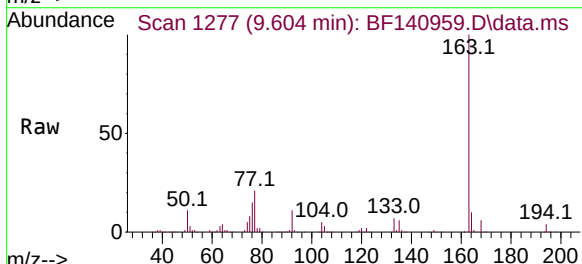
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

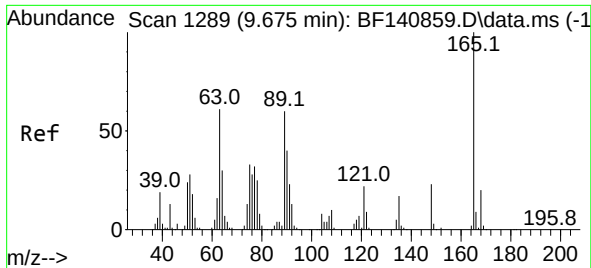
Tgt Ion:152 Resp: 522615  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.0 24.0  
153 13.0 10.6 16.0



#50  
Dimethylphthalate  
Concen: 38.322 ng  
RT: 9.604 min Scan# 1277  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:163 Resp: 394835  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 10.2 8.1 12.1

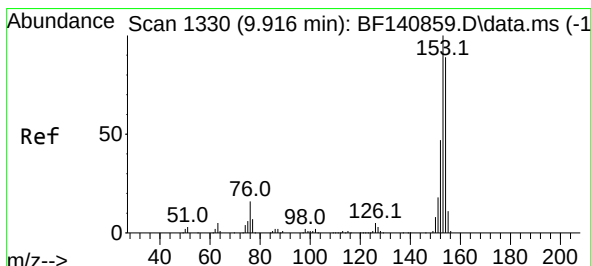
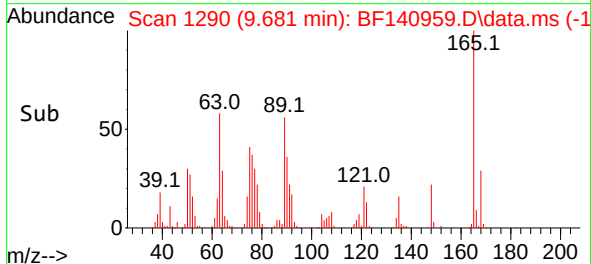
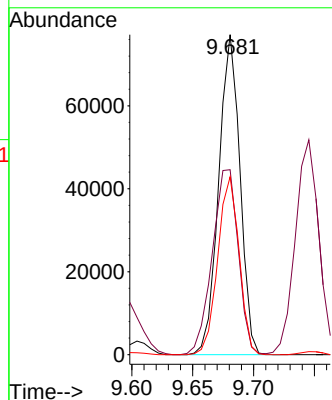
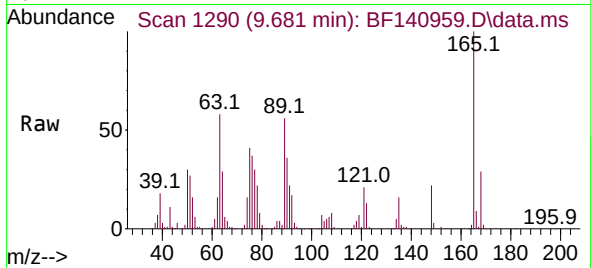




#51  
2,6-Dinitrotoluene  
Concen: 39.767 ng  
RT: 9.681 min Scan# 1289  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

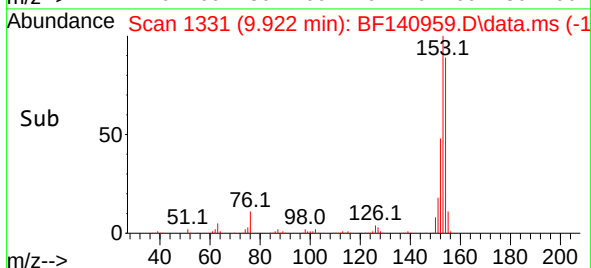
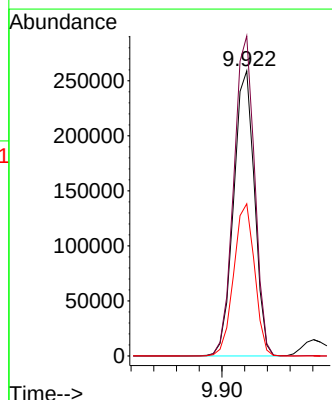
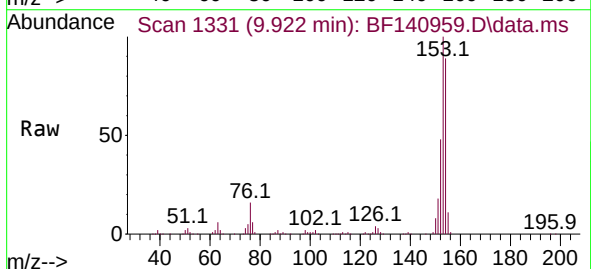
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

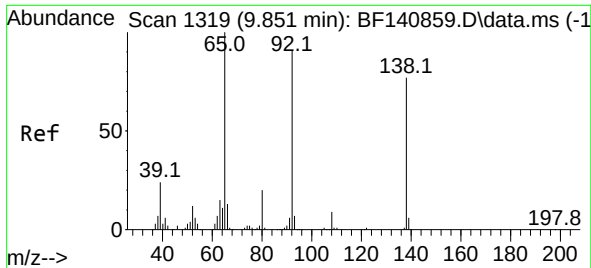
Tgt Ion:165 Resp: 93666  
Ion Ratio Lower Upper  
165 100  
63 57.8 49.7 74.5  
89 55.6 48.2 72.4



#52  
Acenaphthene  
Concen: 39.664 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:154 Resp: 331006  
Ion Ratio Lower Upper  
154 100  
153 112.3 89.9 134.9  
152 53.4 42.6 63.8

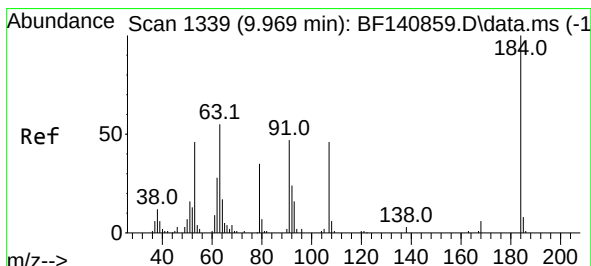
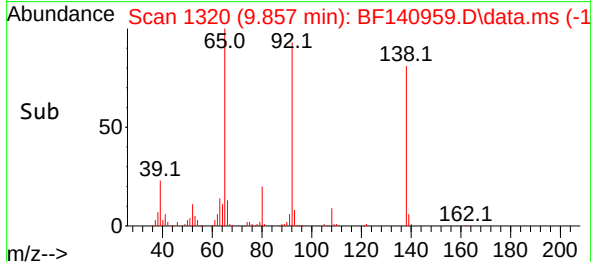
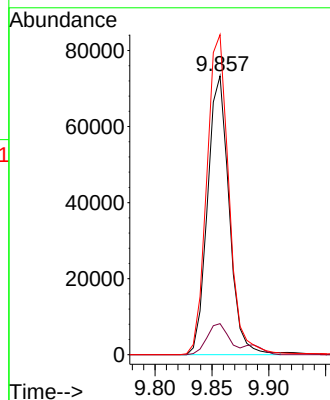
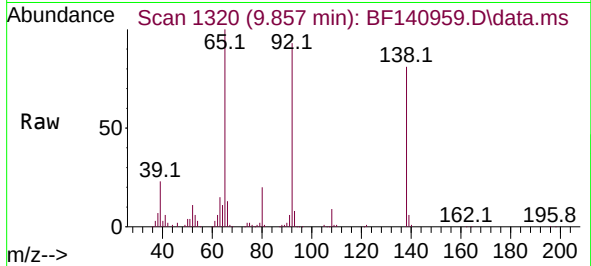




#53  
3-Nitroaniline  
Concen: 41.485 ng  
RT: 9.857 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

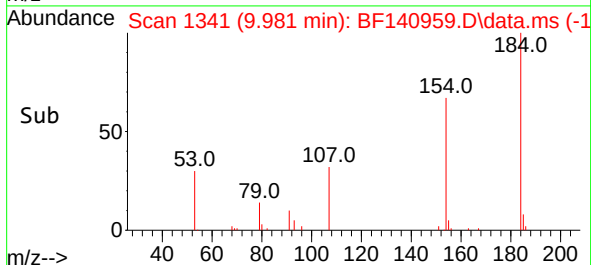
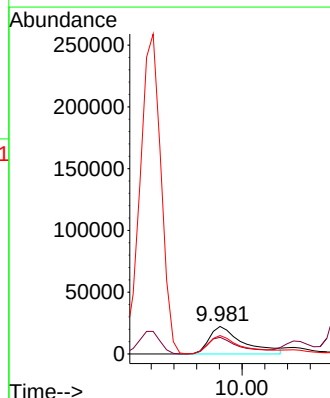
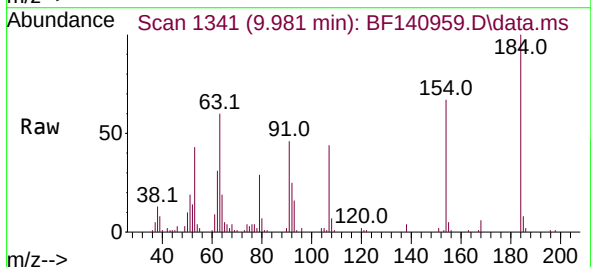
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

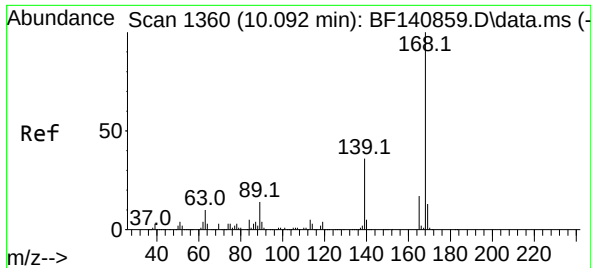
Tgt Ion:138 Resp: 96968  
Ion Ratio Lower Upper  
138 100  
108 11.2 9.0 13.4  
92 114.8 95.5 143.3



#54  
2,4-Dinitrophenol  
Concen: 43.346 ng  
RT: 9.981 min Scan# 1341  
Delta R.T. 0.012 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:184 Resp: 46064  
Ion Ratio Lower Upper  
184 100  
63 60.2 51.6 77.4  
154 66.7 56.1 84.1

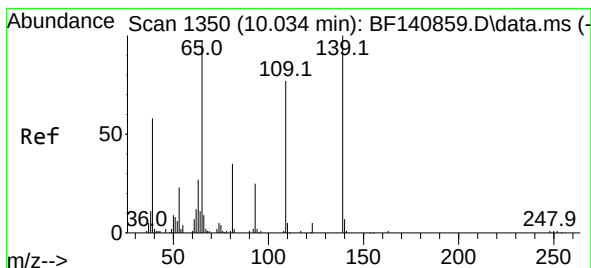
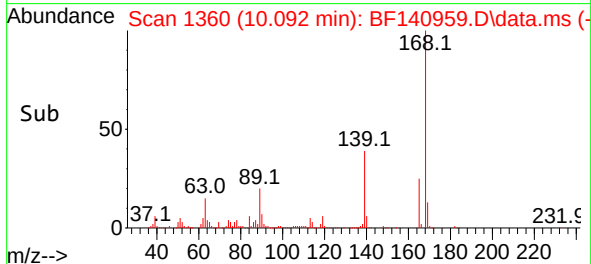
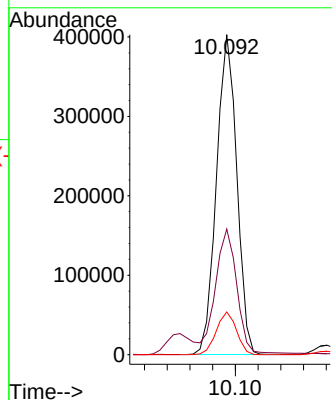
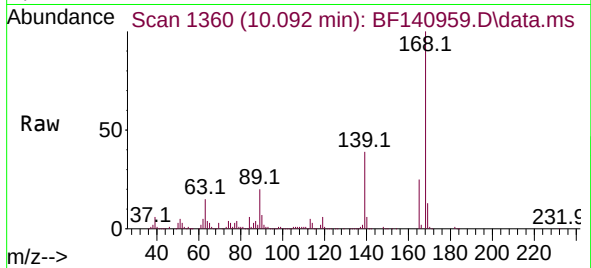




#55  
Dibenzenofuran  
Concen: 38.647 ng  
RT: 10.092 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

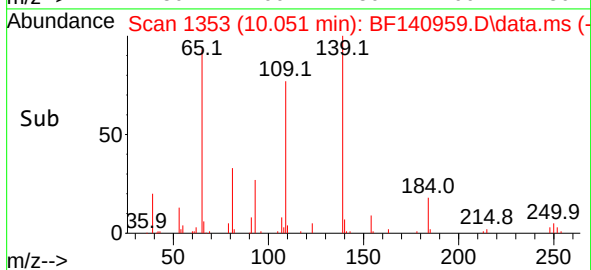
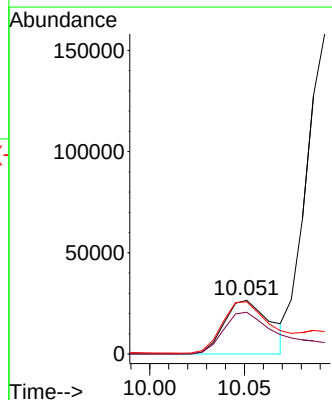
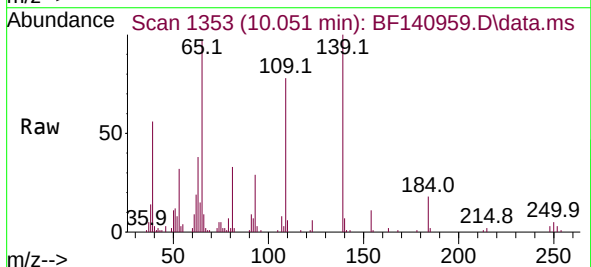
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

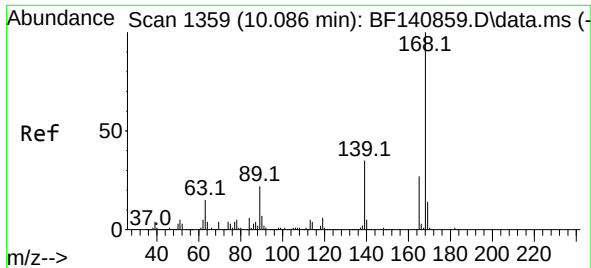
Tgt Ion:168 Resp: 499757  
Ion Ratio Lower Upper  
168 100  
139 39.3 31.1 46.7  
169 13.3 10.6 16.0



#56  
4-Nitrophenol  
Concen: 37.930 ng  
RT: 10.051 min Scan# 1353  
Delta R.T. 0.017 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:139 Resp: 44580  
Ion Ratio Lower Upper  
139 100  
109 77.9 56.7 96.7  
65 97.2 78.1 118.1

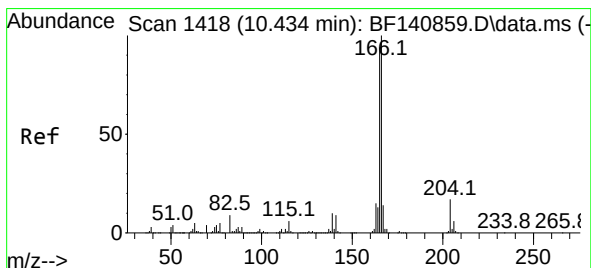
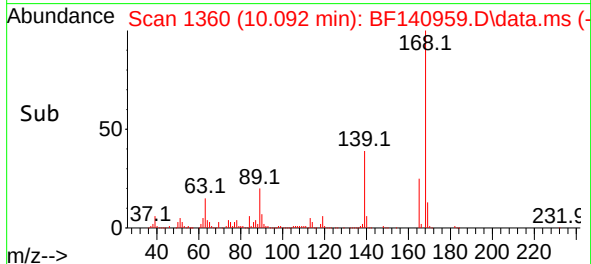
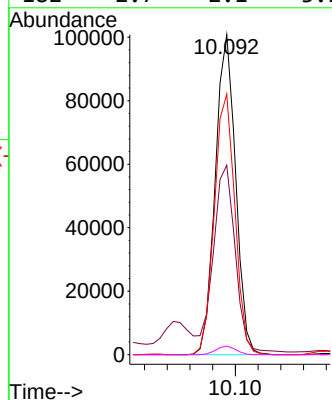
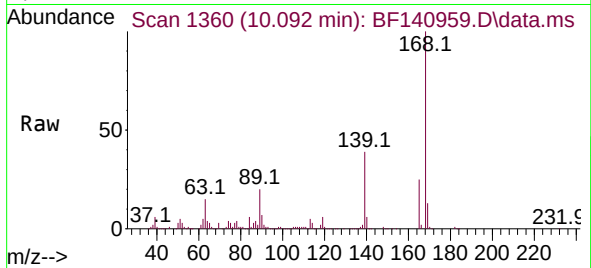




#57  
2,4-Dinitrotoluene  
Concen: 40.439 ng  
RT: 10.092 min Scan# 1360  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

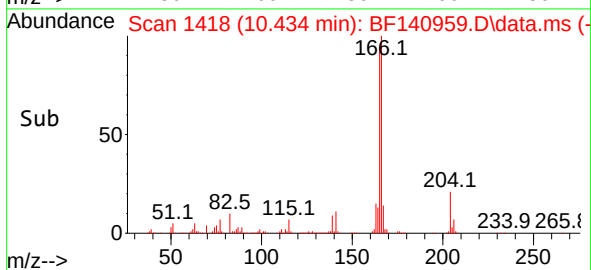
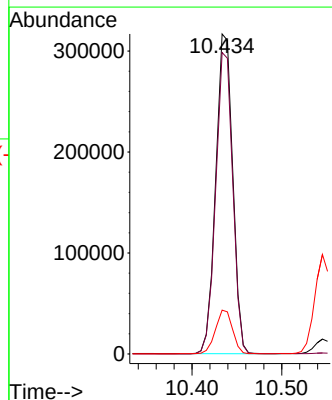
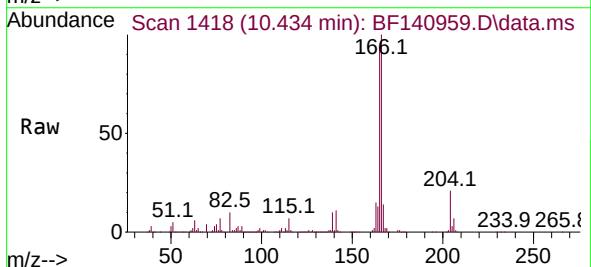
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:165 Resp: 125320  
Ion Ratio Lower Upper  
165 100  
63 59.2 49.3 73.9  
89 81.4 66.2 99.4  
182 2.7 2.1 3.1

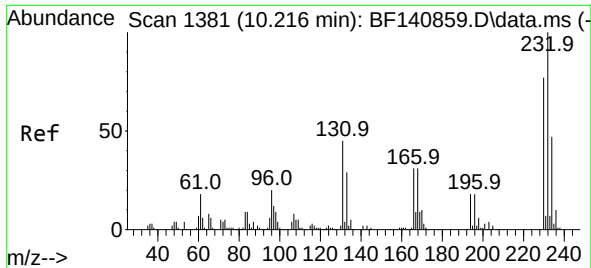


#58  
Fluorene  
Concen: 39.048 ng  
RT: 10.434 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:166 Resp: 416576  
Ion Ratio Lower Upper  
166 100  
165 94.2 75.1 112.7  
167 13.7 11.1 16.7

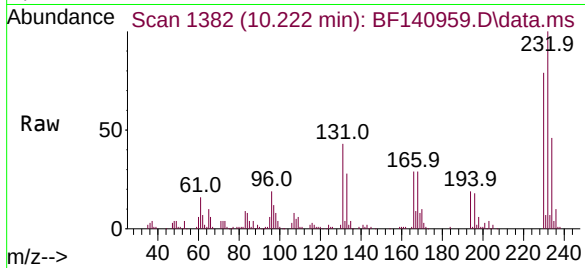




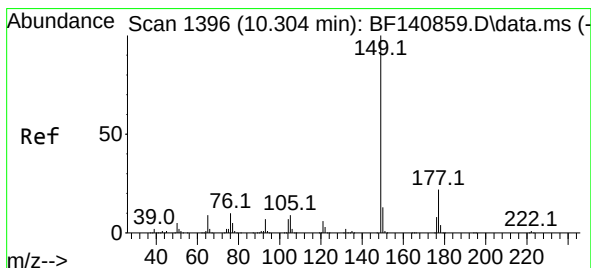
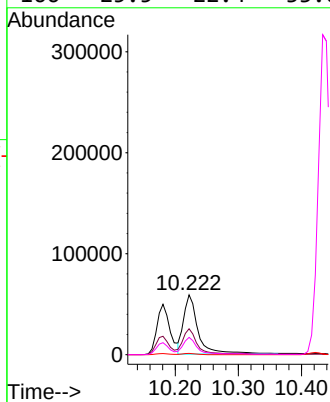
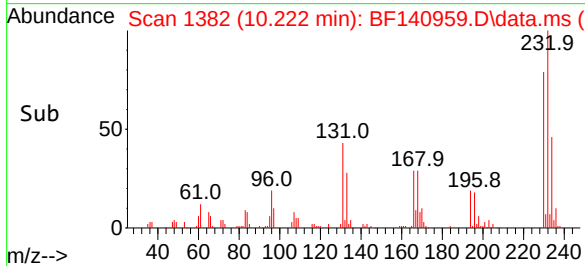


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.667 ng  
RT: 10.222 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

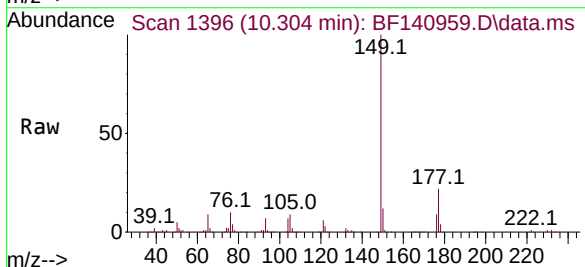
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC



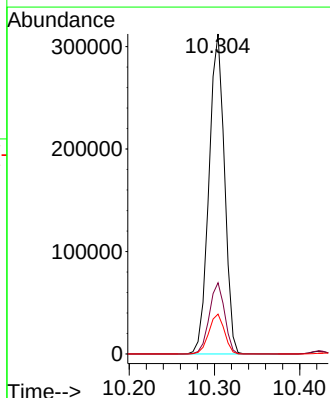
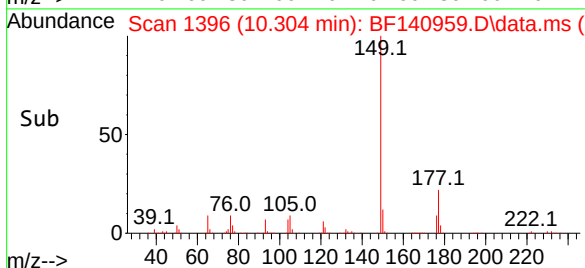
Tgt Ion:232 Resp: 92785  
Ion Ratio Lower Upper  
232 100  
131 39.5 35.1 52.7  
130 2.1 1.8 2.8  
166 25.5 22.4 33.6

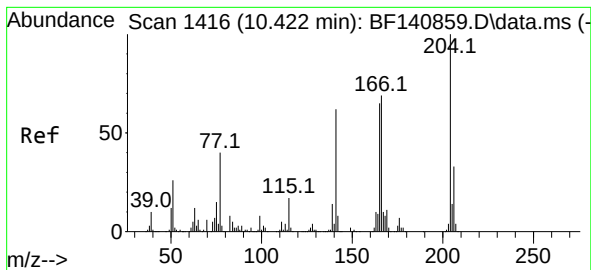


#60  
Diethylphthalate  
Concen: 37.002 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24



Tgt Ion:149 Resp: 395324  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.2 25.8  
150 12.5 10.1 15.1

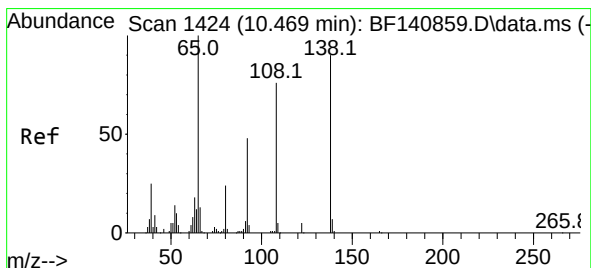
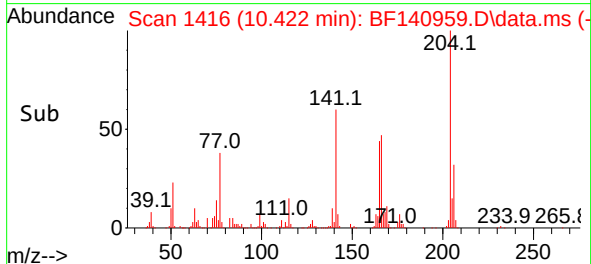
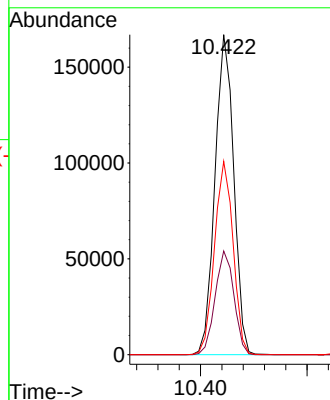
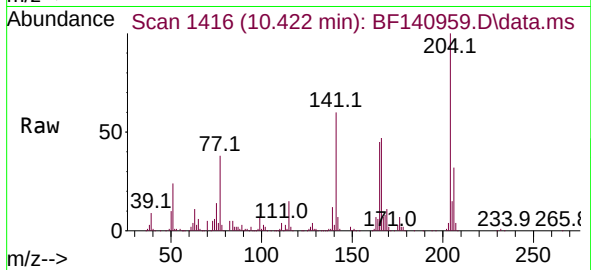




#61  
4-Chlorophenyl-phenylether  
Concen: 37.979 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

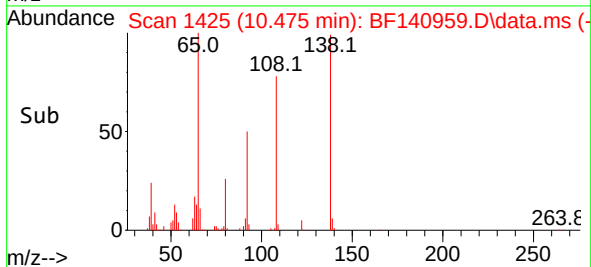
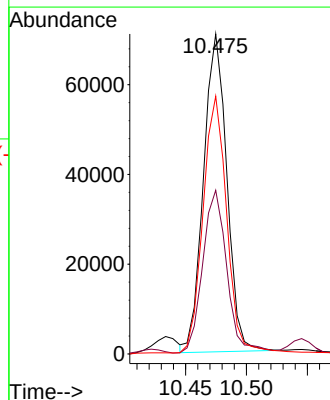
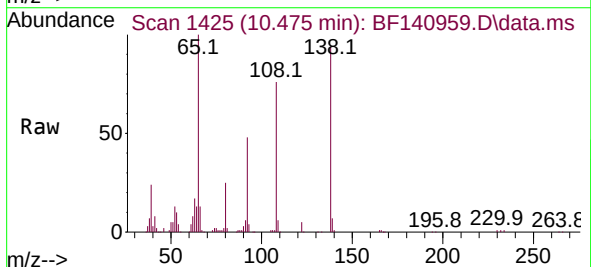
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

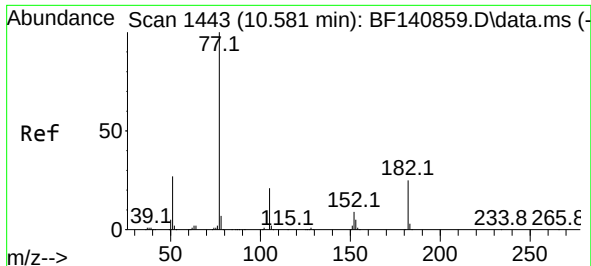
Tgt Ion:204 Resp: 203526  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.5 39.7  
141 60.4 50.0 75.0



#62  
4-Nitroaniline  
Concen: 38.500 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:138 Resp: 94041  
Ion Ratio Lower Upper  
138 100  
92 51.2 32.6 72.6  
108 80.5 64.1 104.1

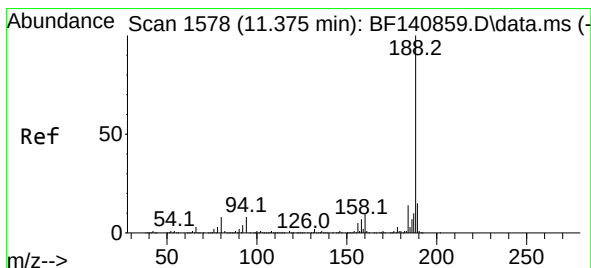
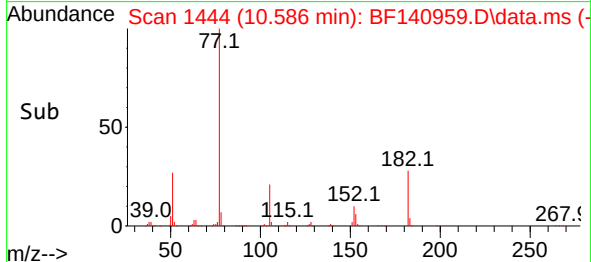
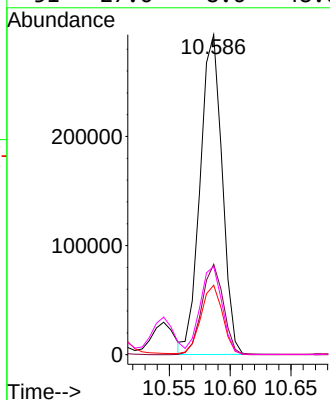
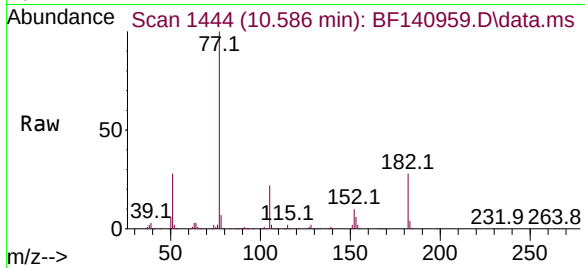




#63  
Azobenzene  
Concen: 36.682 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

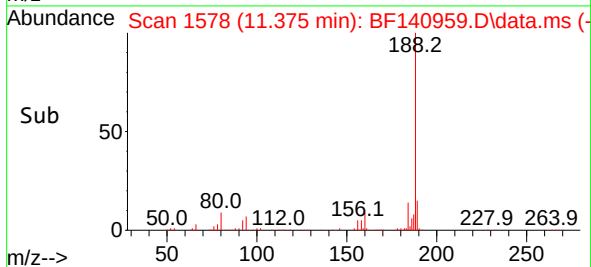
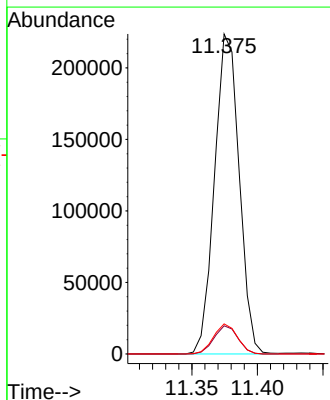
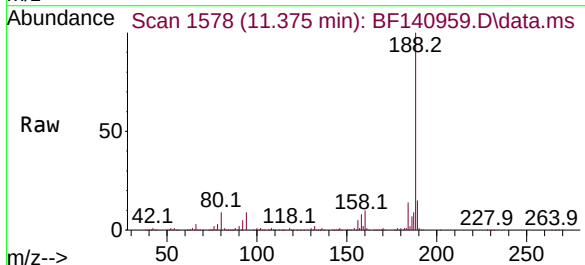
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

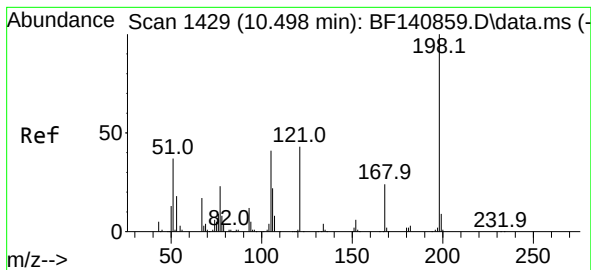
Tgt Ion: 77 Resp: 368436  
Ion Ratio Lower Upper  
77 100  
182 28.3 4.5 44.5  
105 21.7 0.9 40.9  
51 27.6 8.6 48.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion: 188 Resp: 291861  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.4 9.6  
80 9.4 6.8 10.2

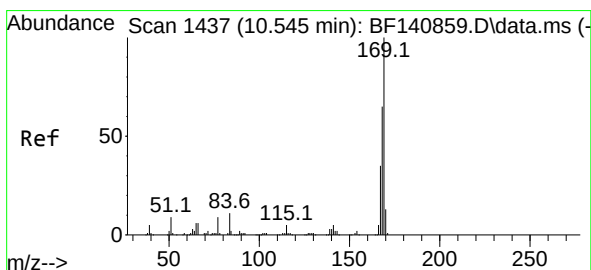
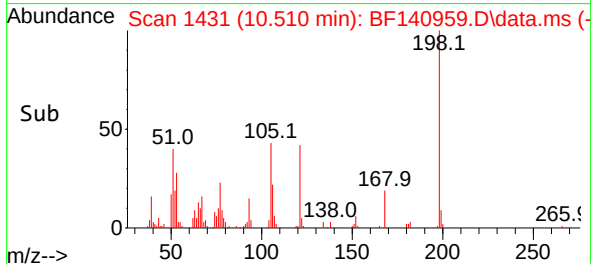
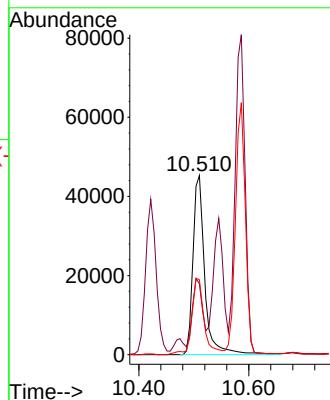
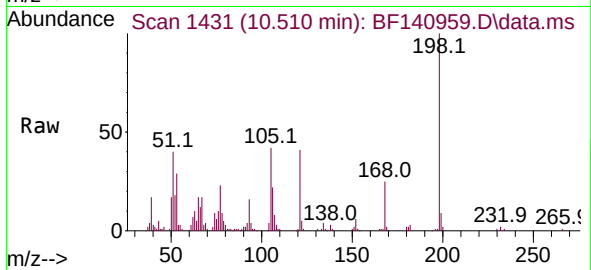




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.900 ng  
RT: 10.510 min Scan# 1429  
Delta R.T. 0.012 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

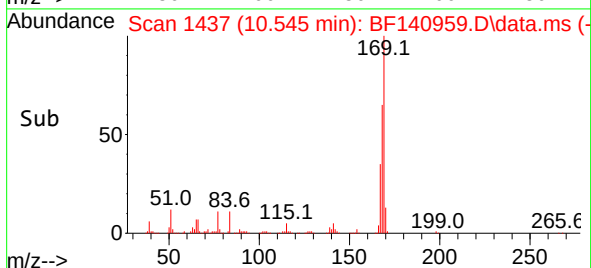
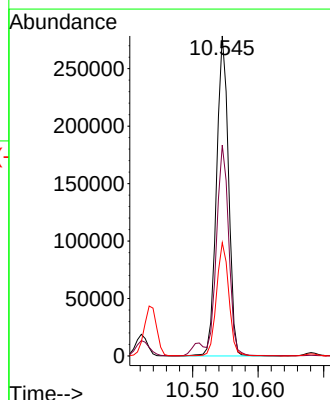
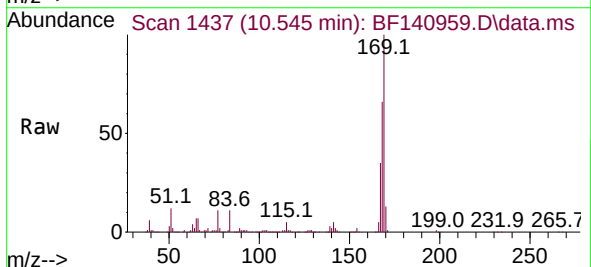
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

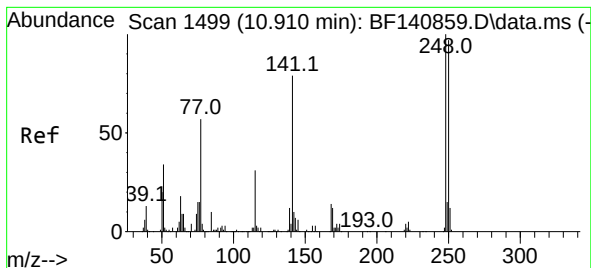
Tgt Ion:198 Resp: 67642  
Ion Ratio Lower Upper  
198 100  
51 39.6 24.4 64.4  
105 41.8 22.1 62.1



#66  
n-Nitrosodiphenylamine  
Concen: 39.380 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:169 Resp: 353375  
Ion Ratio Lower Upper  
169 100  
168 65.9 53.4 80.0  
167 35.4 28.3 42.5





#67

4-Bromophenyl-phenylether

Concen: 38.203 ng

RT: 10.916 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

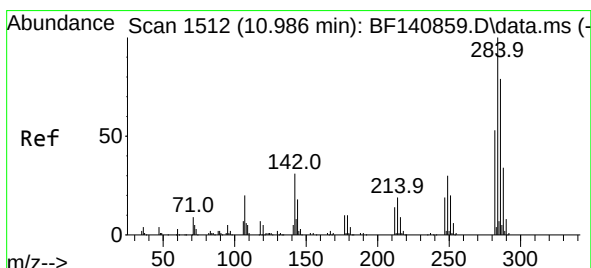
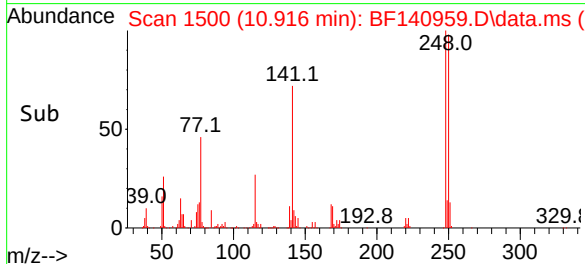
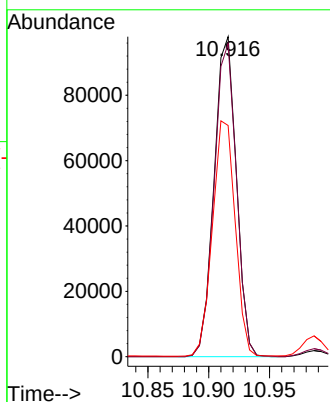
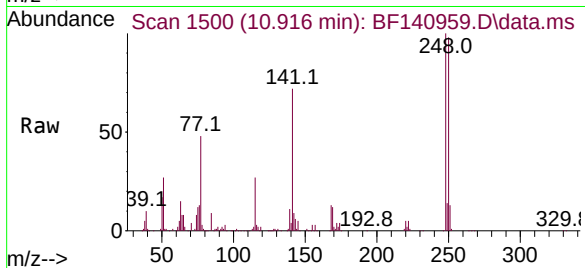
Tgt Ion:248 Resp: 124736

Ion Ratio Lower Upper

248 100

250 97.8 77.4 116.2

141 72.3 62.9 94.3



#68

Hexachlorobenzene

Concen: 38.882 ng

RT: 10.986 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

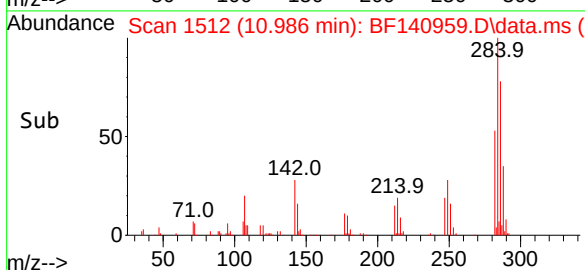
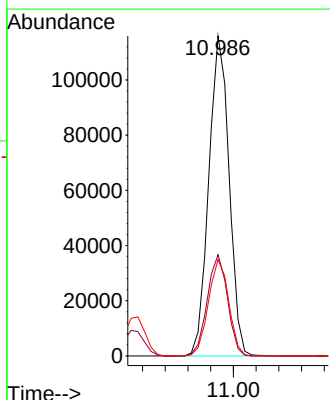
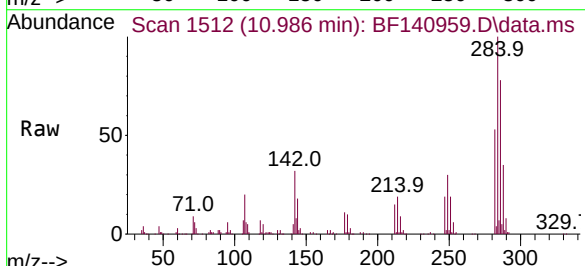
Tgt Ion:284 Resp: 143941

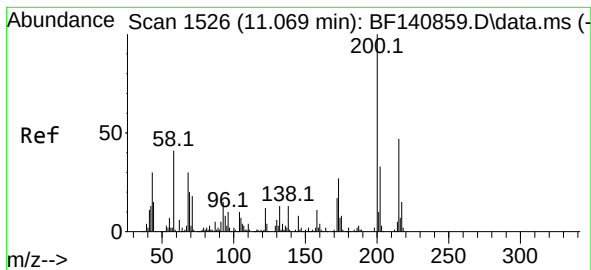
Ion Ratio Lower Upper

284 100

142 31.7 24.6 36.8

249 30.1 24.3 36.5





#69

Atrazine

Concen: 33.792 ng

RT: 11.069 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

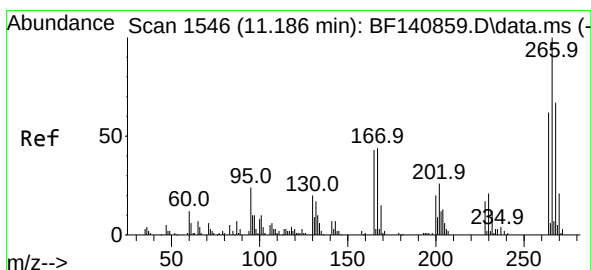
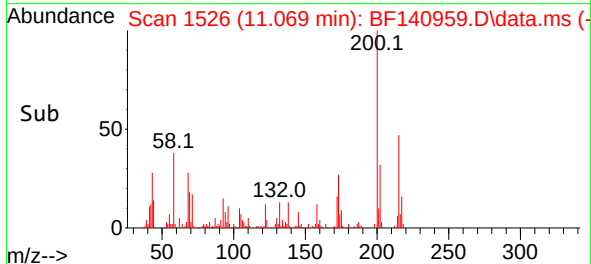
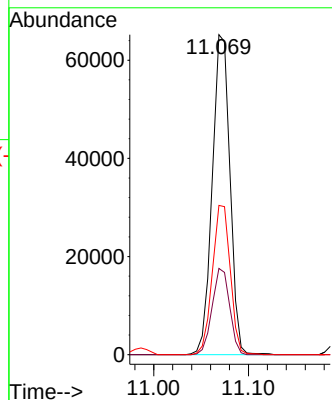
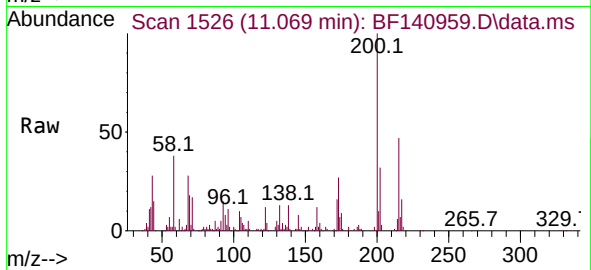
Tgt Ion:200 Resp: 84689

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 32.340 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

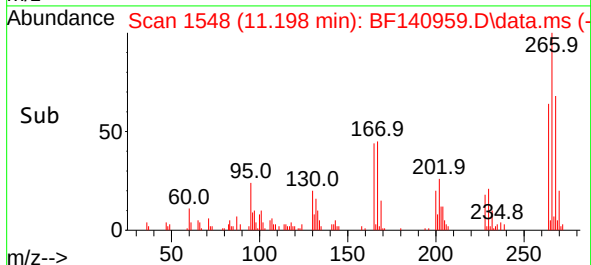
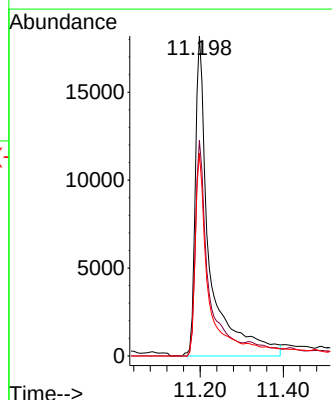
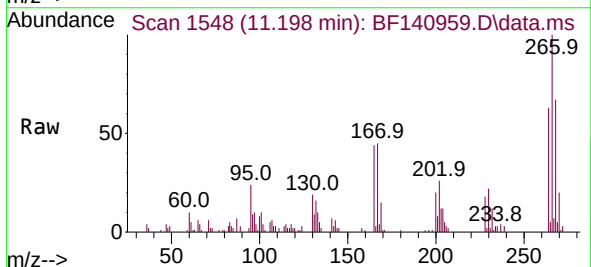
Tgt Ion:266 Resp: 43771

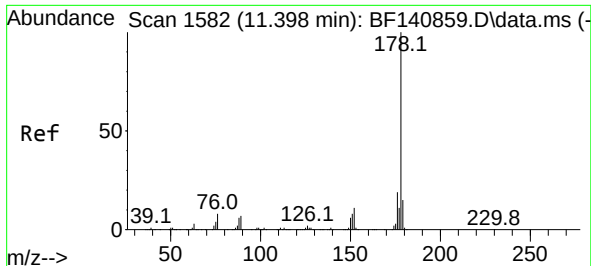
Ion Ratio Lower Upper

266 100

268 67.4 54.0 81.0

264 63.3 49.4 74.2

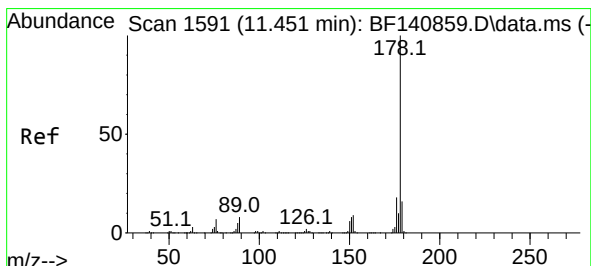
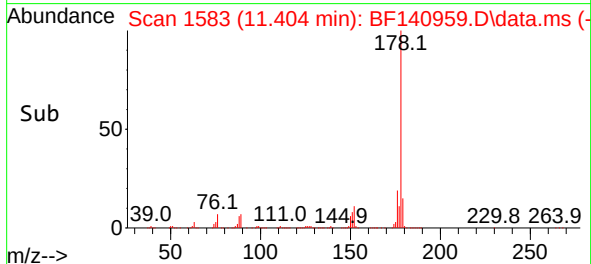
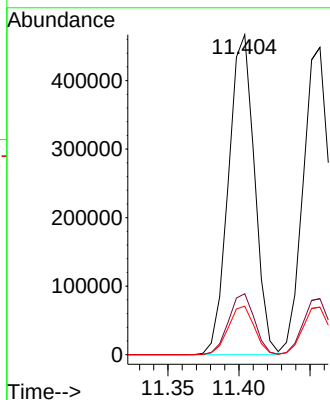
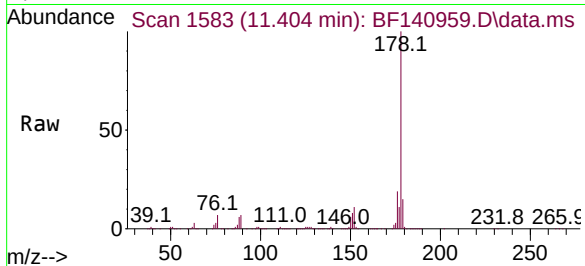




#71  
Phenanthrene  
Concen: 39.689 ng  
RT: 11.404 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

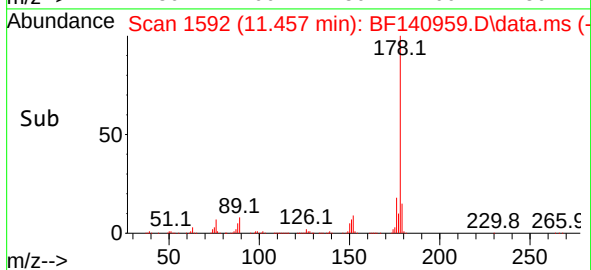
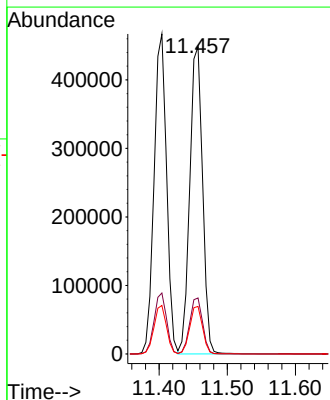
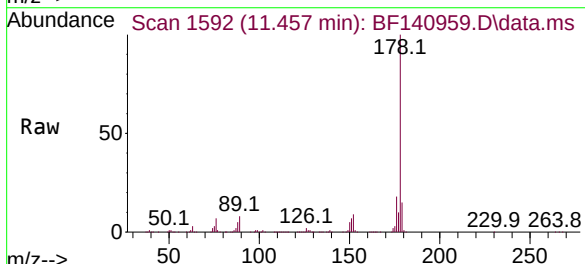
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

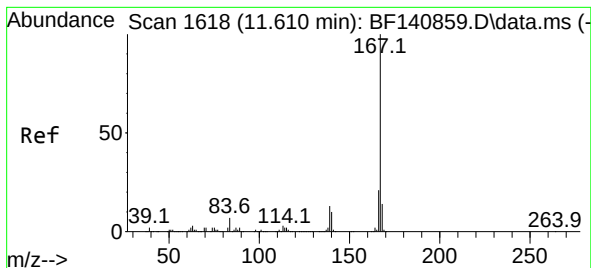
Tgt Ion:178 Resp: 595675  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.2  
179 15.1 12.1 18.1



#72  
Anthracene  
Concen: 39.262 ng  
RT: 11.457 min Scan# 1592  
Delta R.T. 0.006 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:178 Resp: 580319  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.6 22.0  
179 15.5 12.6 18.8





#73

Carbazole

Concen: 40.420 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

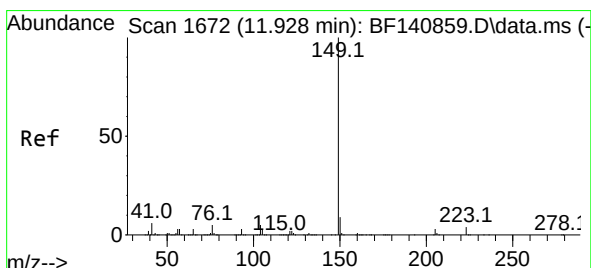
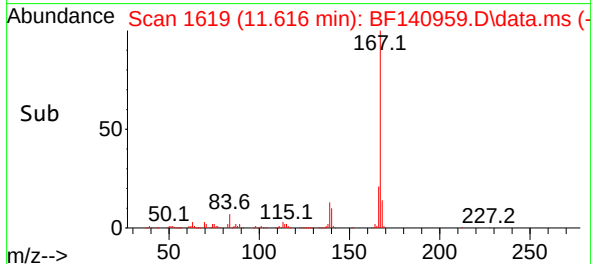
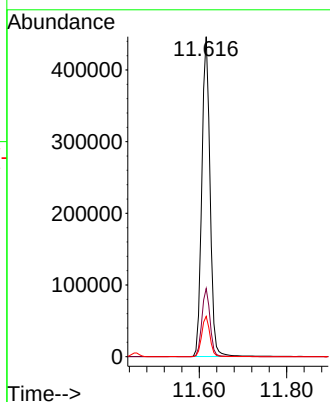
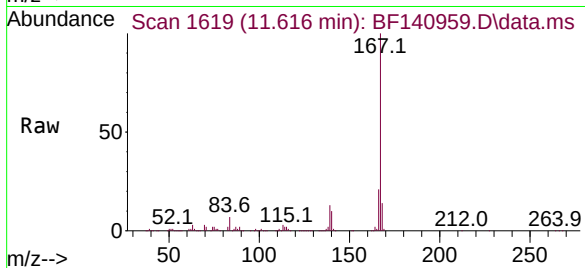
Tgt Ion:167 Resp: 585180

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 12.6 10.2 15.2



#74

Di-n-butylphthalate

Concen: 38.065 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

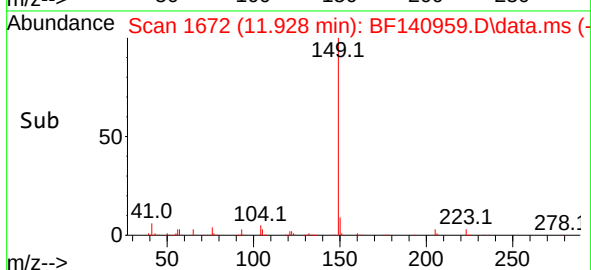
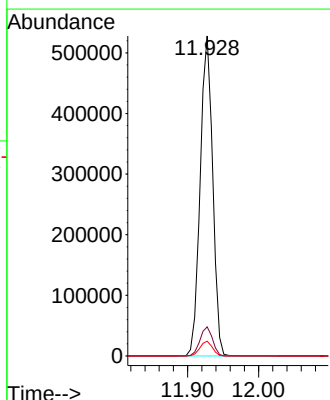
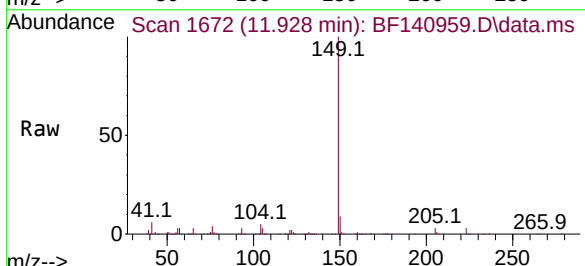
Tgt Ion:149 Resp: 646754

Ion Ratio Lower Upper

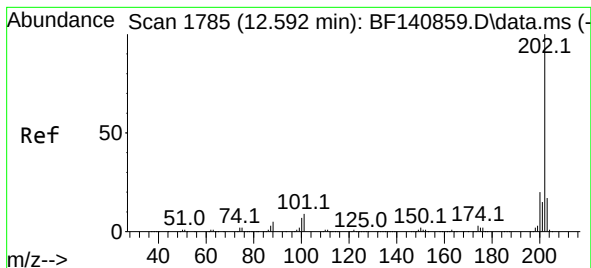
149 100

150 9.1 7.5 11.3

104 4.6 3.8 5.8







#75

Fluoranthene

Concen: 41.145 ng

RT: 12.598 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

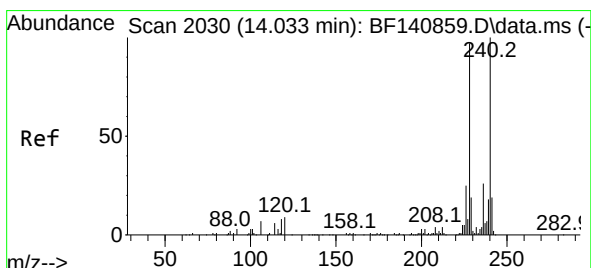
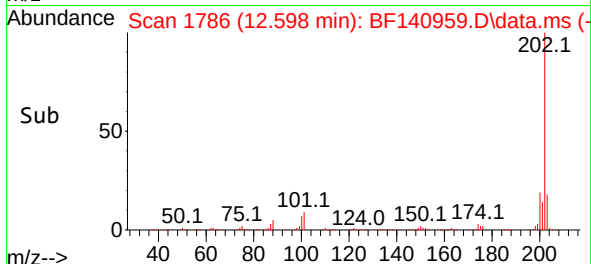
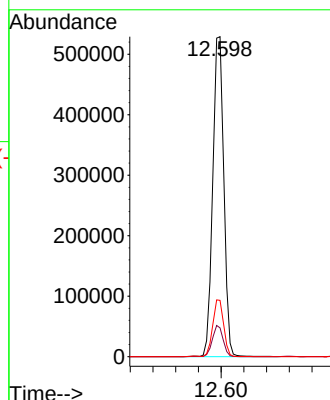
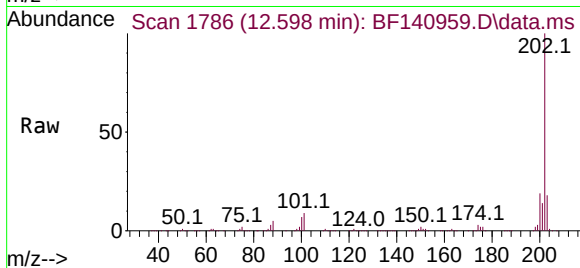
Tgt Ion:202 Resp: 711196

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.3

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

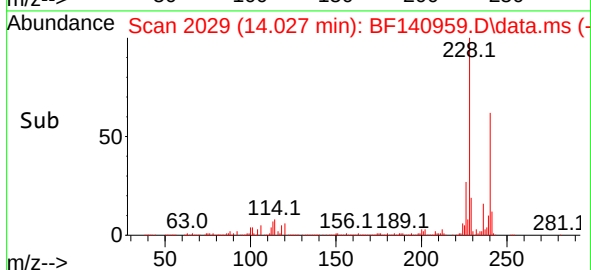
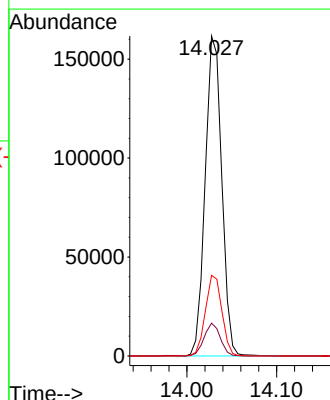
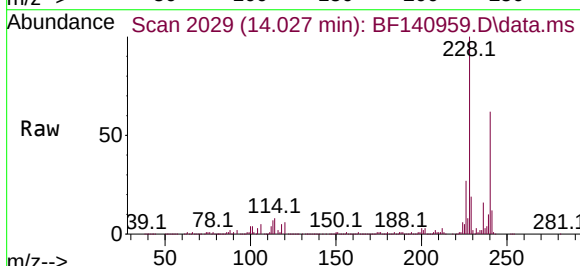
Tgt Ion:240 Resp: 207326

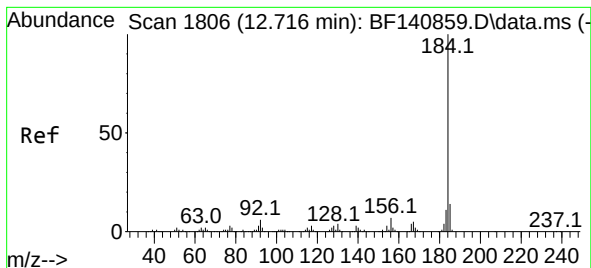
Ion Ratio Lower Upper

240 100

120 10.3 7.6 11.4

236 25.2 20.5 30.7





#77

Benzidine

Concen: 43.643 ng

RT: 12.722 min Scan# 1807

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

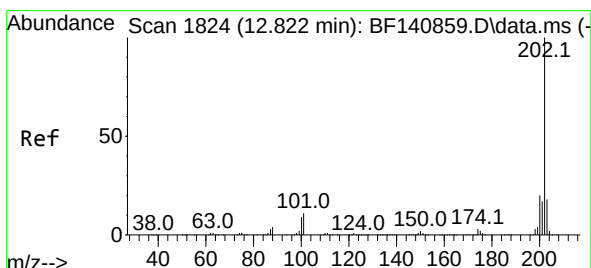
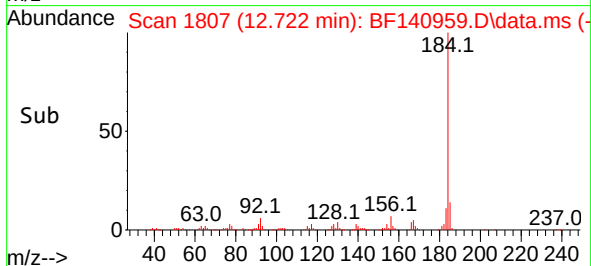
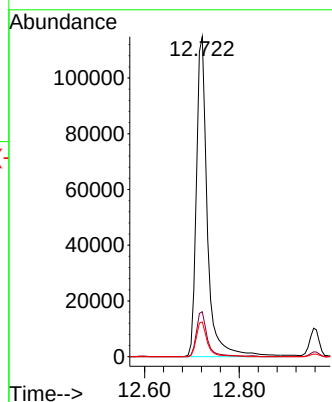
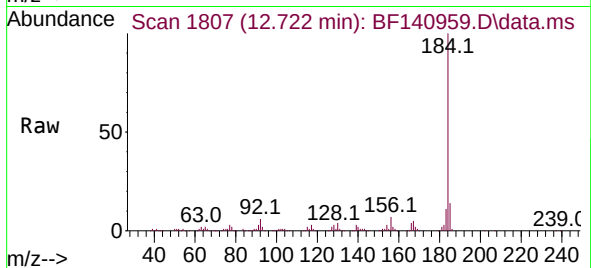
Tgt Ion:184 Resp: 184675

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 10.9 9.0 13.4



#78

Pyrene

Concen: 38.803 ng

RT: 12.827 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

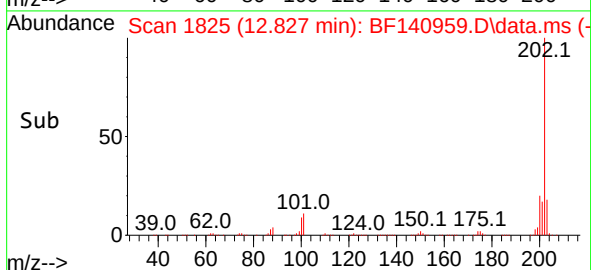
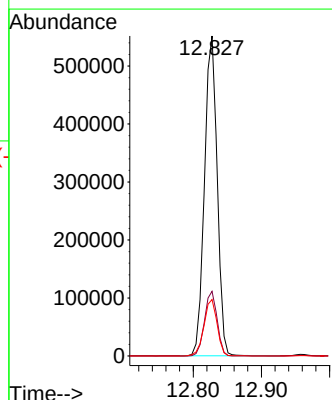
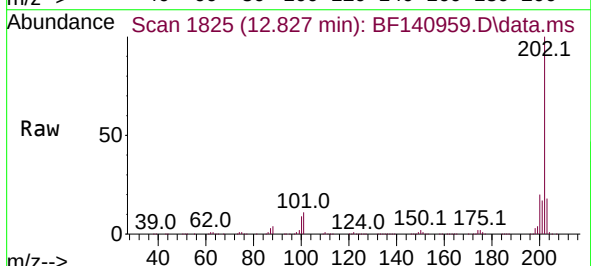
Tgt Ion:202 Resp: 715402

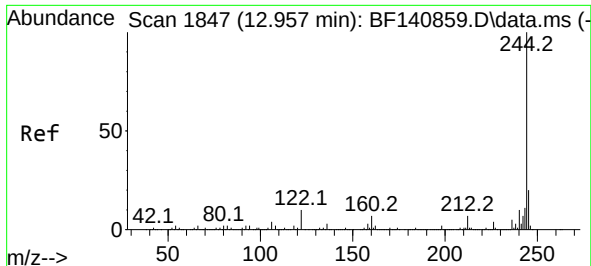
Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

203 17.7 14.2 21.4



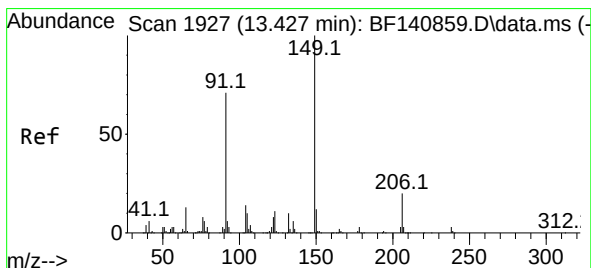
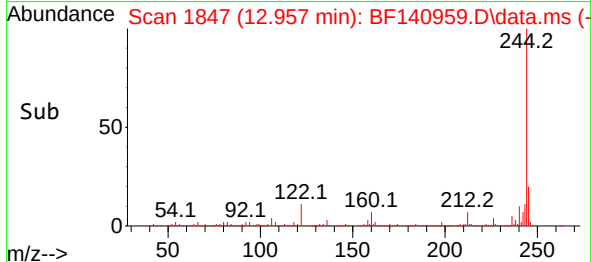
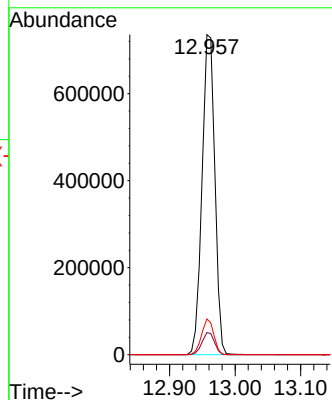
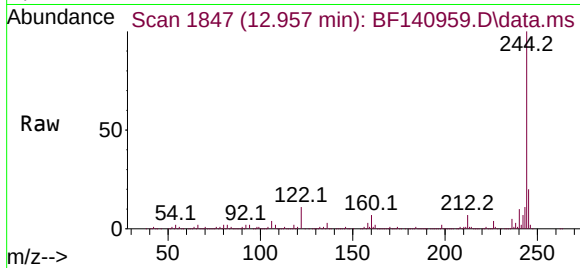


#79  
 Terphenyl-d14  
 Concen: 76.158 ng  
 RT: 12.957 min Scan# 1847  
 Delta R.T. 0.000 min  
 Lab File: BF140959.D  
 Acq: 20 Dec 2024 19:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:244 Resp: 1001326  

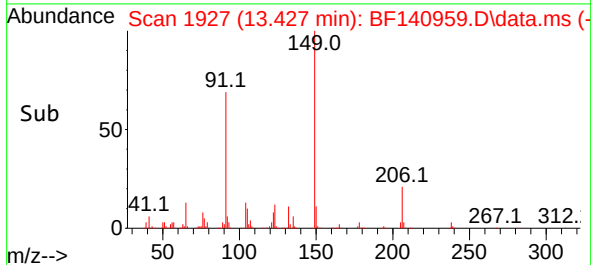
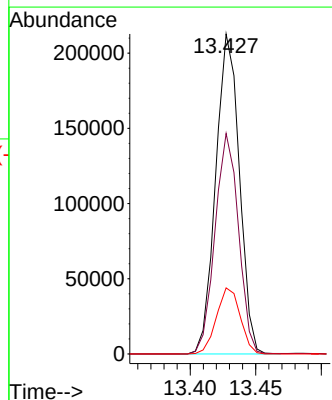
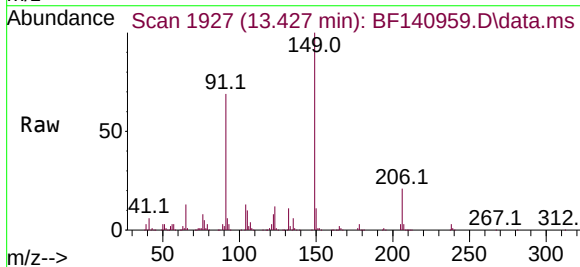
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.6   | 8.4   |
| 122 | 11.1  | 8.2   | 12.2  |

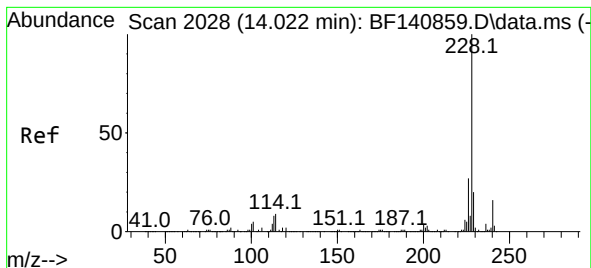


#80  
 Butylbenzylphthalate  
 Concen: 39.317 ng  
 RT: 13.427 min Scan# 1927  
 Delta R.T. 0.000 min  
 Lab File: BF140959.D  
 Acq: 20 Dec 2024 19:24

Tgt Ion:149 Resp: 266719  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 68.9  | 56.7  | 85.1  |
| 206 | 20.7  | 16.4  | 24.6  |





#81

Benzo(a)anthracene

Concen: 39.621 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

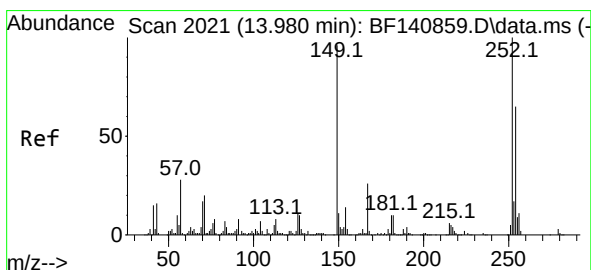
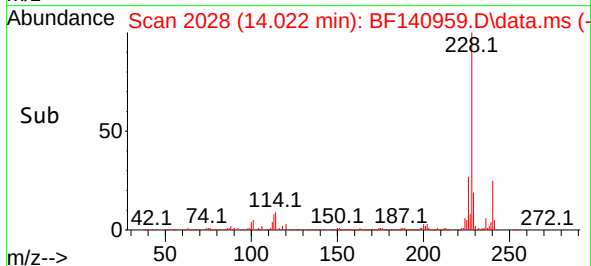
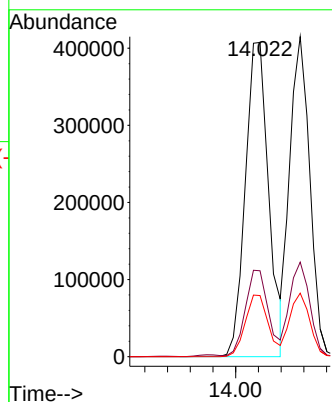
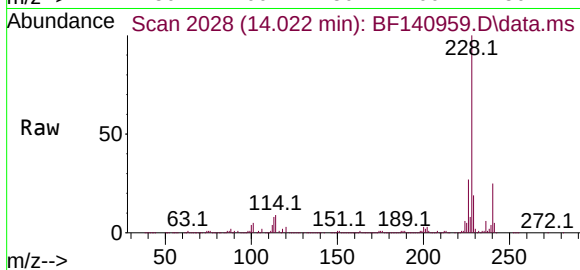
Tgt Ion:228 Resp: 582184

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.550 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

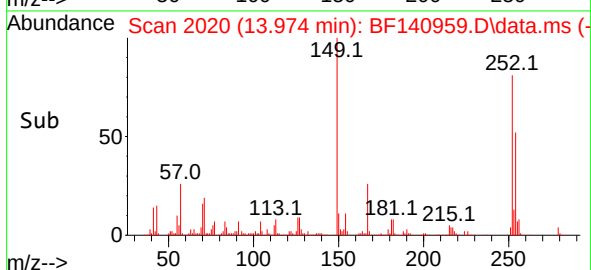
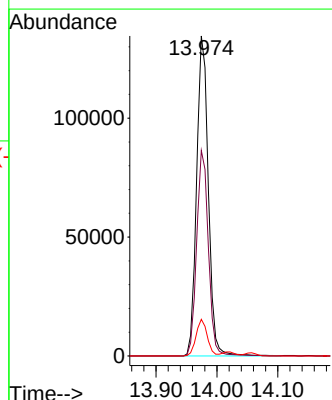
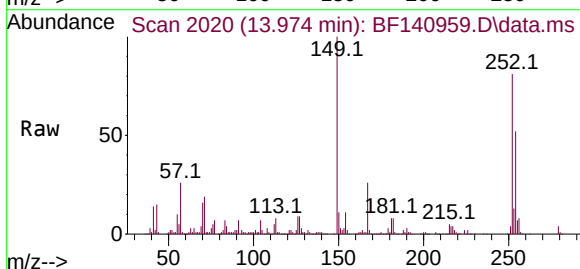
Tgt Ion:252 Resp: 179769

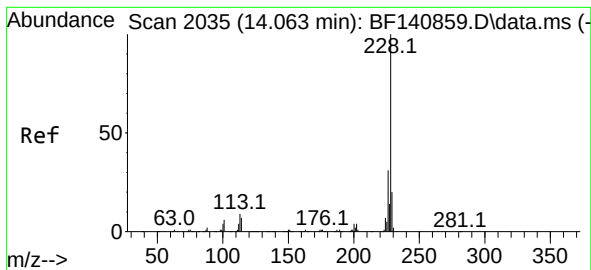
Ion Ratio Lower Upper

252 100

254 64.2 52.3 78.5

126 11.5 8.4 12.6





#83

Chrysene

Concen: 38.074 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

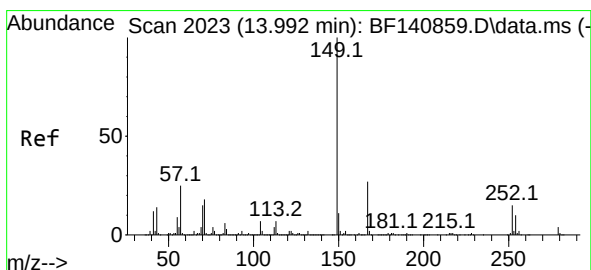
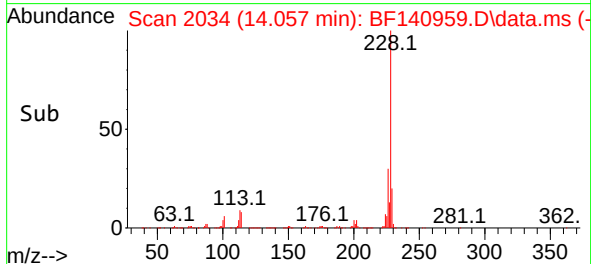
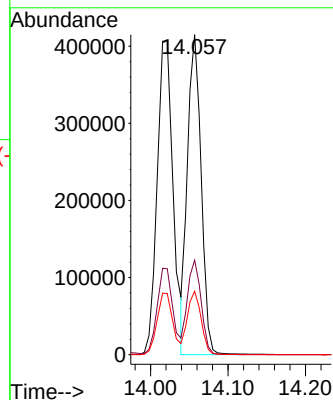
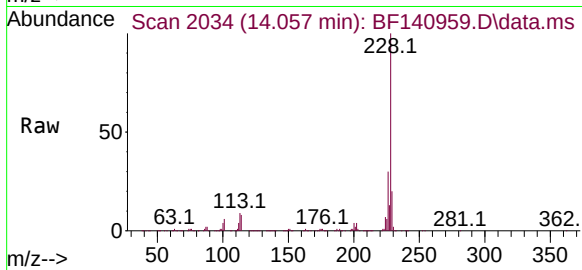
Tgt Ion:228 Resp: 508731

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.465 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

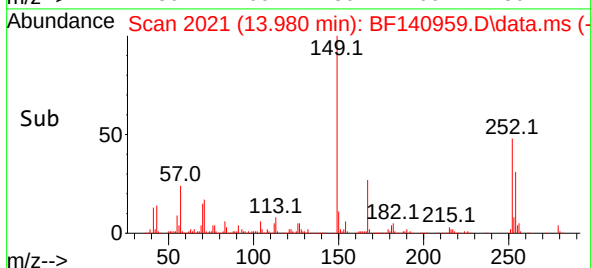
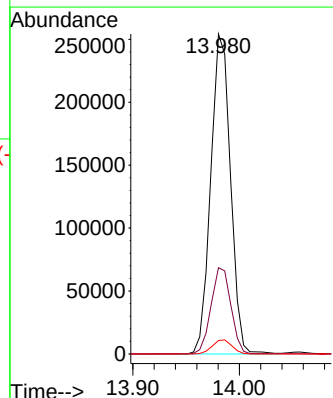
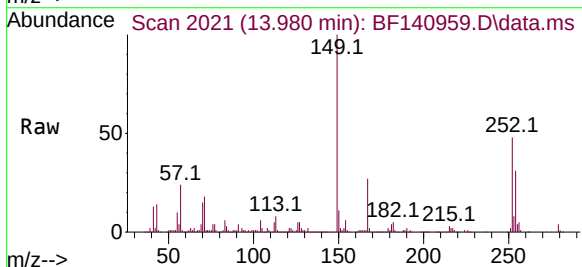
Tgt Ion:149 Resp: 327711

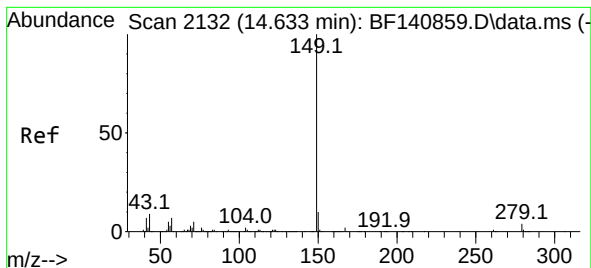
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 33.196 ng

RT: 14.604 min Scan# 2132

Delta R.T. -0.029 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

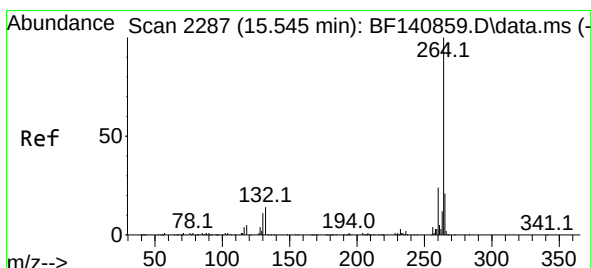
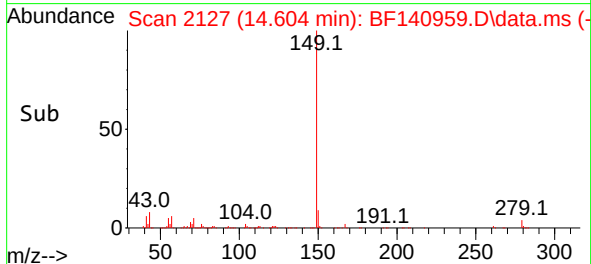
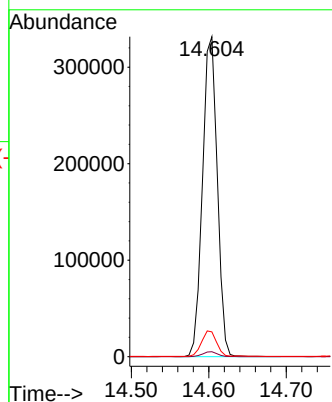
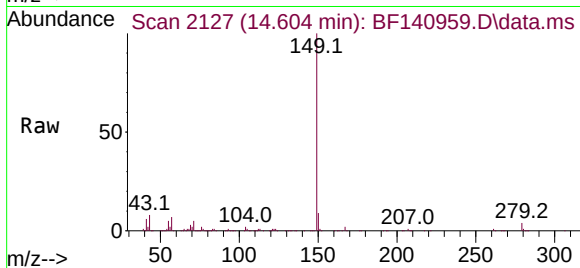
Tgt Ion:149 Resp: 439301

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 2282

Delta R.T. -0.029 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

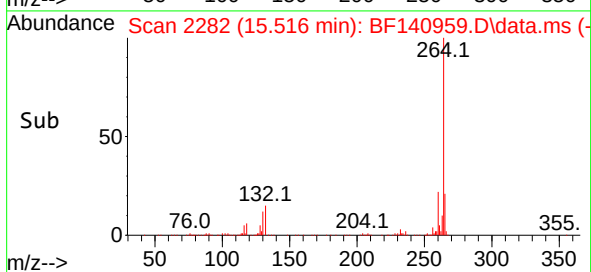
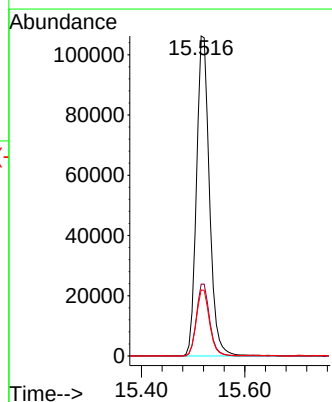
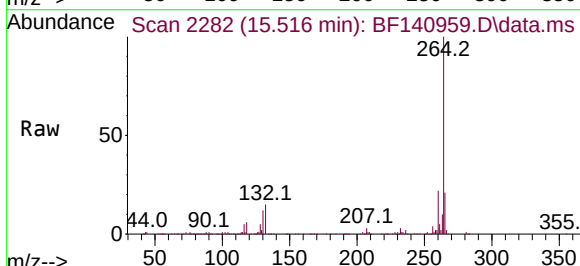
Tgt Ion:264 Resp: 184556

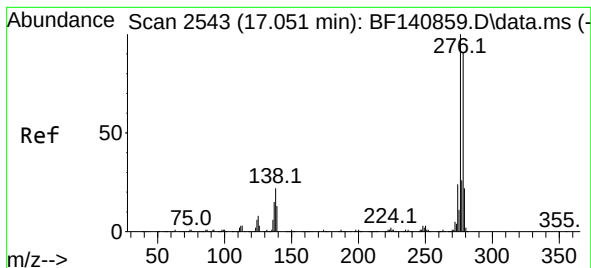
Ion Ratio Lower Upper

264 100

260 22.5 19.1 28.7

265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.707 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

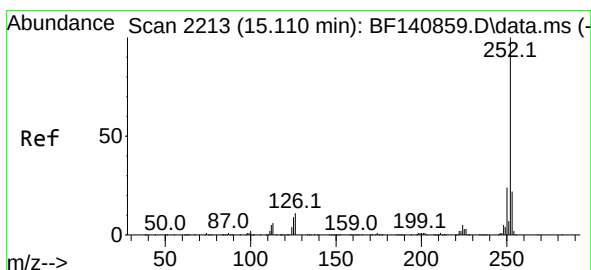
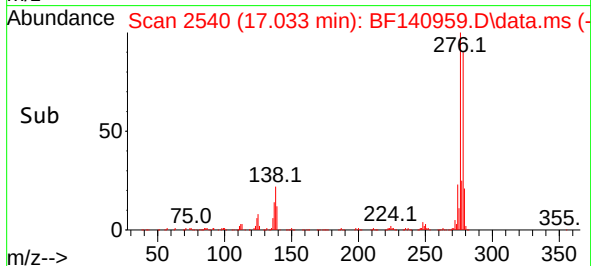
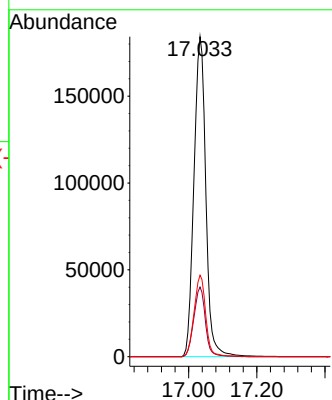
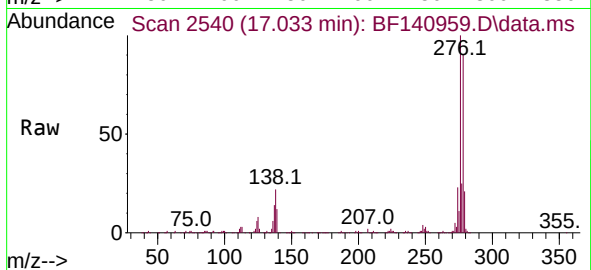
Tgt Ion:276 Resp: 445783

Ion Ratio Lower Upper

276 100

138 21.1 16.9 25.3

277 24.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 39.375 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.029 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

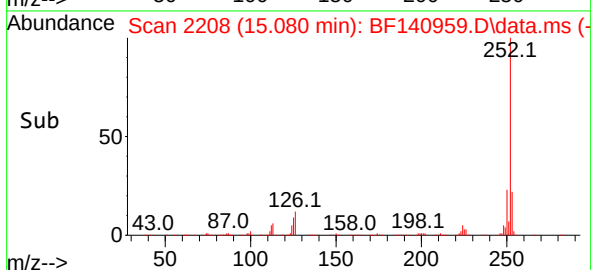
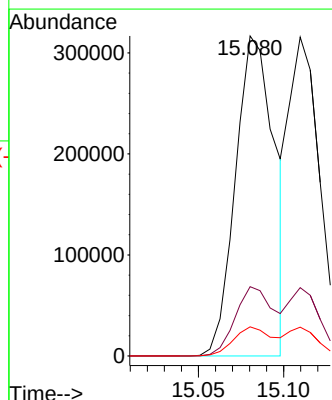
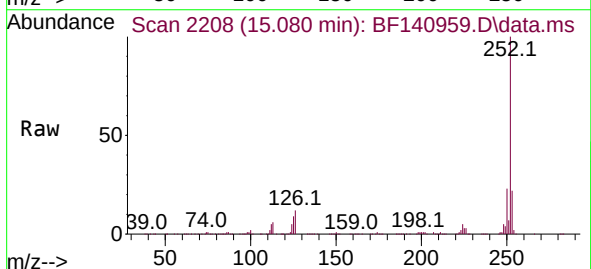
Tgt Ion:252 Resp: 504436

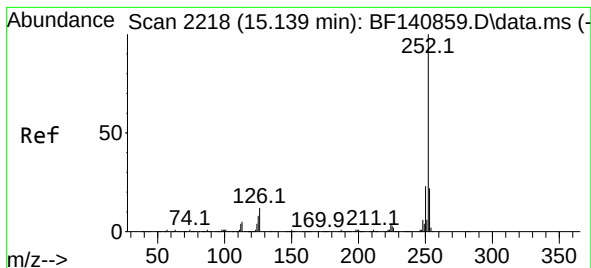
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 9.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 36.468 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

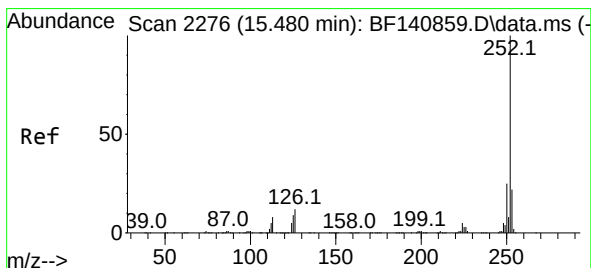
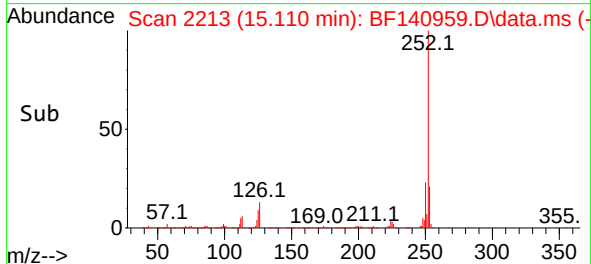
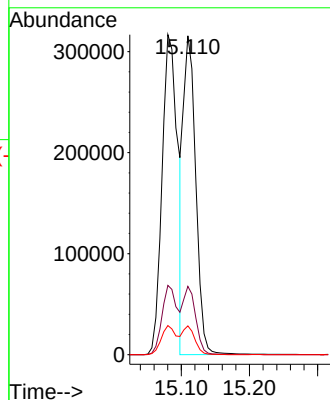
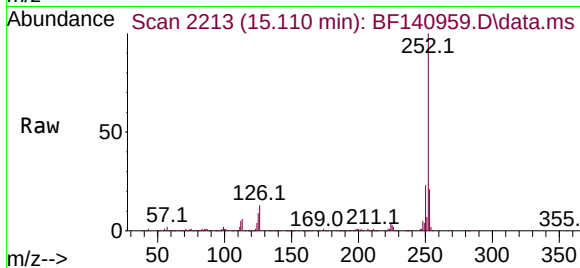
Tgt Ion:252 Resp: 400757

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.1 6.8 10.2



#90

Benzo(a)pyrene

Concen: 37.915 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.023 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

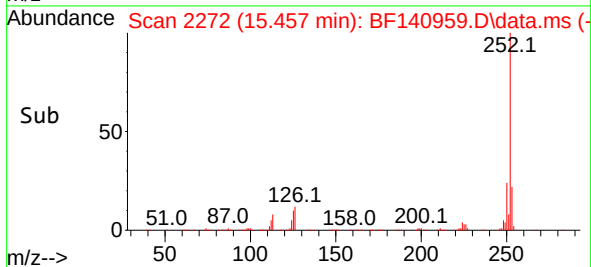
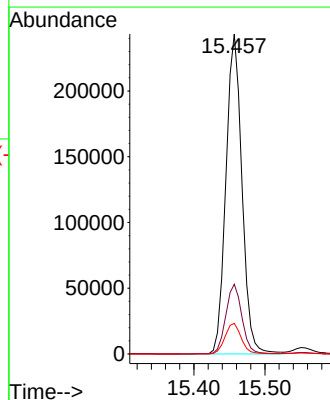
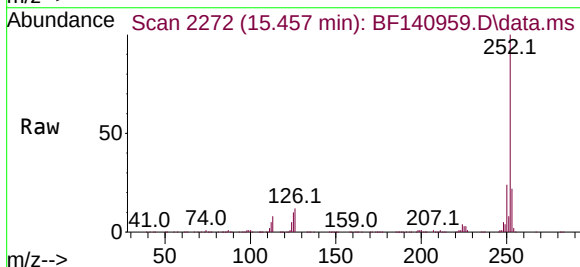
Tgt Ion:252 Resp: 380341

Ion Ratio Lower Upper

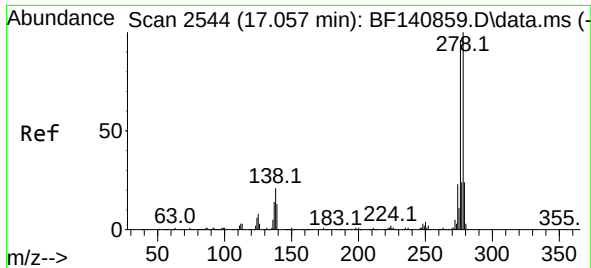
252 100

253 21.8 17.5 26.3

125 9.6 7.5 11.3



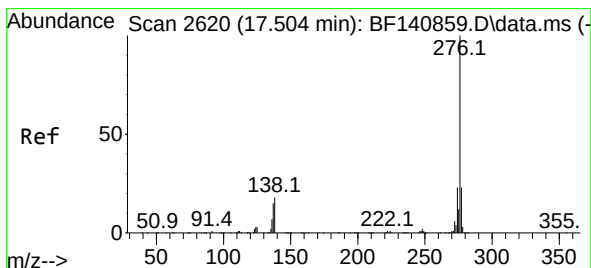
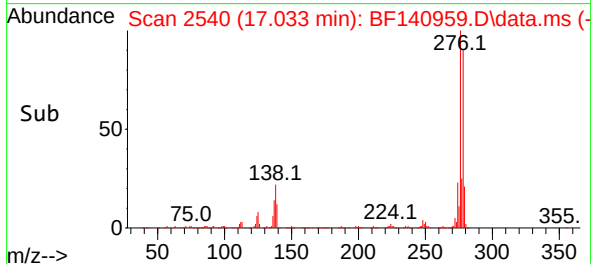
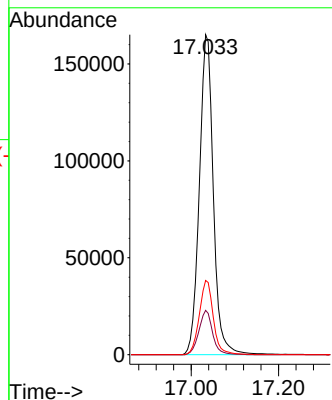
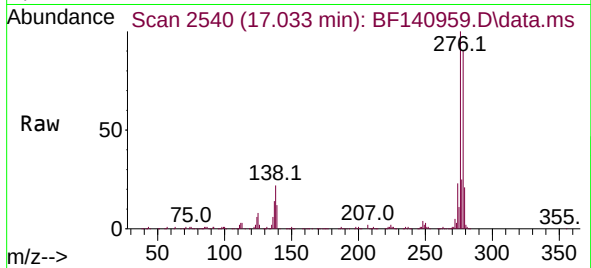




#91  
Dibenzo(a,h)anthracene  
Concen: 38.537 ng  
RT: 17.033 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:278 Resp: 367688  
Ion Ratio Lower Upper  
278 100  
139 13.8 10.6 16.0  
279 23.2 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 37.152 ng  
RT: 17.492 min Scan# 2618  
Delta R.T. -0.012 min  
Lab File: BF140959.D  
Acq: 20 Dec 2024 19:24

Tgt Ion:276 Resp: 360772  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.7 28.1  
138 17.4 14.2 21.2

